

# ***TECHNICAL SPECIFICATIONS***

## ***TOYOTA LAND CRUISER STATION WAGON (60 Series)***

**AUG., 1986**



# TOYOTA TECHNICAL SPECIFICATIONS

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### NOTES:

The Technical Specifications herein are those in effect at date of compilation and any change or improvements coming after this date will be notified through Technical Advance Information and Service Bulletin.



# TOYOTA TECHNICAL SPECIFICATIONS

## Car Models

| Destination          | Model description                    | Engine                   | Model codes                                                                   |
|----------------------|--------------------------------------|--------------------------|-------------------------------------------------------------------------------|
| General<br>Countries | TOYOTA LAND CRUISER, Station Wagon   | 3F Gasoline<br>(3,955cc) | FJ62R(L)V-KC<br>FJ62LV-KCZ<br>FJ62LV-MC                                       |
|                      | TOYOTA LAND CRUISER, Station Wagon G | 3F Gasoline<br>(3,955cc) | FJ62R(L)G-K<br>FJ62LG-KZ<br>FJ62R(L)G-M<br>FJ62LG-MZ<br>FJ62LG-P<br>FJ62LG-PZ |
|                      | TOYOTA LAND CRUISER, Station Wagon   | 2H Diesel<br>(3,980cc)   | HJ60RV-KC                                                                     |
|                      | TOYOTA LAND CRUISER, Station Wagon G | 2H Diesel<br>(3,980cc)   | HJ60R(L)G-K<br>HJ60LG-M<br>HJ60LG-MZ                                          |
|                      | TOYOTA LAND CRUISER, Station Wagon   | 3B Diesel<br>(3,431cc)   | BJ60R(L)V-KC<br>BJ60LV-MC                                                     |



TOYOTA  
TECHNICAL SPECIFICATIONS

See pages 122 - 124 for Exterior and Interior  
Dimensions - Definitions

| Difini-<br>tions<br><br>Ref.<br><br>No. | 3F Gasoline  |            |           |
|-----------------------------------------|--------------|------------|-----------|
|                                         | Wagon        |            |           |
|                                         | FJ62R(L)V-KC | FJ62LV-KCZ | FJ62LV-MC |

Dimensions

|                     |                                         |                    |              |              |                                                                                                   |                                     |                                               |
|---------------------|-----------------------------------------|--------------------|--------------|--------------|---------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------|
| 5                   | Overall length                          |                    | mm (in.)     | L 103        | 4,675 (184.1) 4,920 (193.7)* <sup>1</sup> 4,750 (187.0)* <sup>2</sup> 4,995 (196.7)* <sup>3</sup> |                                     |                                               |
|                     | Overall width                           |                    | mm (in.)     | W 103        | 1,800 (70.9)                                                                                      |                                     |                                               |
|                     | Overall height                          |                    | mm (in.)     | H 101        | 1,805 (71.1) 1,885 (74.2)**<br>2,040 (80.3)**                                                     | 1,910 (75.2) 2,145 (84.4)**         | 1,805 (71.1) 1,885 (74.2)**<br>2,040 (80.3)** |
|                     | Wheelbase                               |                    | mm (in.)     | L 101        | 2,730 (107.5)                                                                                     |                                     |                                               |
|                     | Tread-Front                             |                    | mm (in.)     | W 101        | 1,475 (58.1)                                                                                      |                                     |                                               |
| 10                  | Tread-Rear                              |                    | mm (in.)     | W 102        | 1,460 (57.5)                                                                                      |                                     |                                               |
|                     | Room length                             |                    | mm (in.)     | L 99         | 1,740 (68.5)                                                                                      |                                     |                                               |
|                     | Room width                              |                    | mm (in.)     | W 99         | 1,520 (59.8)                                                                                      |                                     |                                               |
|                     | Room height                             |                    | mm (in.)     | H 99         | 1,215 (47.8)                                                                                      | 1,285 (50.6)                        | 1,215 (47.8)                                  |
|                     | Deck length                             | unfolded rear seat | mm (in.)     | L 97         | 975 (38.4)                                                                                        |                                     |                                               |
| folded rear seat    |                                         | mm (in.)           | L 98         | 1,765 (69.5) |                                                                                                   |                                     |                                               |
| Deck length (Truck) |                                         | mm (in.)           | L 96         |              |                                                                                                   |                                     |                                               |
| Deck width          |                                         | mm (in.)           | W 98         | 1,520 (59.8) |                                                                                                   |                                     |                                               |
| Deck height         |                                         | mm (in.)           | H 98<br>H 97 | 1,045 (41.1) | 1,145 (45.1)                                                                                      | 1,045 (41.1)                        |                                               |
| 15                  | Cab rear end to rear axle (Truck)       |                    | mm (in.)     | L 95         |                                                                                                   |                                     |                                               |
|                     | Cab rear end to "Hip" point (Truck)     |                    | mm (in.)     | L 94         |                                                                                                   |                                     |                                               |
|                     | Ground clearance                        |                    | mm (in.)     | H 153        | 205 (8.07)                                                                                        |                                     |                                               |
|                     | Ground clearance on cylindrical surface |                    | mm (in.)     | H 154        | 155 (6.10)                                                                                        |                                     |                                               |
|                     | 20                                      | Overhang           | Front        | mm (in.)     | L 104                                                                                             | 725 (28.5) 970 (38.2)* <sup>1</sup> |                                               |
| Rear                |                                         |                    | mm (in.)     | L 105        | 1,220 (48.0) 1,295 (51.0)* <sup>2</sup>                                                           |                                     |                                               |
| Body front          |                                         |                    | mm (in.)     |              | 650 (25.6)                                                                                        |                                     |                                               |
| Body rear           |                                         |                    | mm (in.)     |              | 1,175 (46.3)                                                                                      |                                     |                                               |
| Frame front         |                                         |                    | mm (in.)     |              | 685 (27.0)                                                                                        |                                     |                                               |
| Frame rear          |                                         |                    | mm (in.)     |              | 1,185 (46.7)                                                                                      |                                     |                                               |
| 25                  | Angle of approach                       |                    | degree       | H 106        | 35 28* <sup>1</sup>                                                                               |                                     |                                               |
|                     | Angle of departure                      |                    | degree       | H 107        | 20                                                                                                |                                     |                                               |

\*<sup>1</sup> ...With winch

\*<sup>2</sup> ...With rear step bumper

\*<sup>3</sup> ...With winch and rear step bumper

\*<sup>4</sup> ...With over-fender

\*<sup>5</sup> ...With roof carrier

\*<sup>6</sup> ...With roof rack

Cargo Space

|                                      |                    |                        |     |              |              |              |
|--------------------------------------|--------------------|------------------------|-----|--------------|--------------|--------------|
| Luggage capacity                     |                    | m <sup>3</sup> (cu.ft) | V 1 | —            |              |              |
| Cargo volume<br>(Van, Station wagon) | Unfolded rear seat | m <sup>3</sup> (cu.ft) |     | 1.088 (38.4) | 1.116 (39.4) | 1.088 (38.4) |
|                                      | Folded rear seat   | m <sup>3</sup> (cu.ft) |     | 2.050 (72.4) | 2.289 (80.8) | 2.050 (72.4) |



|             |           |             |           |
|-------------|-----------|-------------|-----------|
| 3F Gasoline |           |             |           |
| Wagon G     |           |             |           |
| FJ62R(L)G-K | FJ62LG-KZ | FJ62R(L)G-M | FJ62LG-MZ |

Dimensions

|    |                                                                                                   |                            |                                         |                                            |
|----|---------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------|--------------------------------------------|
| 5  | 4,675 (184.1) 4,920 (193.7)* <sup>1</sup> 4,750 (187.0)* <sup>2</sup> 4,995 (196.7)* <sup>3</sup> |                            |                                         |                                            |
|    | 1,800 (70.9) 1,880 (74.0)* <sup>4</sup>                                                           |                            |                                         |                                            |
|    | 1,825 (71.9)<br>2,060 (81.1)* <sup>6</sup>                                                        | 1,905 (75.0)* <sup>5</sup> | 1,945 (76.6) 2,180 (85.8)* <sup>6</sup> | 1,825 (71.9)<br>2,060 (81.1)* <sup>6</sup> |
|    | 2,730 (107.5)                                                                                     |                            |                                         |                                            |
|    | 1,475 (58.1) 1,515 (59.6)* <sup>4</sup>                                                           |                            |                                         |                                            |
|    | 1,460 (57.5) 1,500 (59.1)* <sup>4</sup>                                                           |                            |                                         |                                            |
|    | 1,740 (68.5)                                                                                      |                            |                                         |                                            |
|    | 1,520 (59.8)                                                                                      |                            |                                         |                                            |
|    | 1,210 (47.6)                                                                                      | 1,280 (50.4)               | 1,210 (47.6)                            | 1,280 (50.4)                               |
|    | 965 (38.0)                                                                                        |                            |                                         |                                            |
| 10 | 1,755 (69.1)                                                                                      |                            |                                         |                                            |
|    | 1,520 (59.8)                                                                                      |                            |                                         |                                            |
|    | 1,025 (40.4)                                                                                      | 1,125 (44.3)               | 1,025 (40.4)                            | 1,125 (44.3)                               |
|    | 155 (6.10)                                                                                        |                            |                                         |                                            |
|    | 725 (28.5) 970 (38.2)* <sup>1</sup>                                                               |                            |                                         |                                            |
|    | 1,220 (48.0) 1,295 (51.0)* <sup>2</sup>                                                           |                            |                                         |                                            |
|    | 650 (25.6)                                                                                        |                            |                                         |                                            |
|    | 1,175 (46.3)                                                                                      |                            |                                         |                                            |
|    | 685 (27.0)                                                                                        |                            |                                         |                                            |
|    | 1,185 (46.7)                                                                                      |                            |                                         |                                            |
| 25 | 38    29* <sup>1</sup>                                                                            | 40    30* <sup>1</sup>     | 38    29* <sup>1</sup>                  | 40    30* <sup>1</sup>                     |
|    | 22                                                                                                | 23                         | 22                                      | 23                                         |

Cargo Space

|              |              |              |              |
|--------------|--------------|--------------|--------------|
| 1.088 (38.4) | 1.116 (39.4) | 1.088 (38.4) | 1.116 (39.4) |
| 2.050 (72.4) | 2.289 (80.8) | 2.050 (72.4) | 2.289 (80.8) |



# TOYOTA

## TECHNICAL SPECIFICATIONS

See pages 122 - 124 for Exterior and Interior Dimensions - Definitions

| Defini-<br>tions<br>Ref.<br>No. | 3F Gasoline |           | 2H Diesel |
|---------------------------------|-------------|-----------|-----------|
|                                 | Wagon G     |           | Wagon     |
|                                 | FJ62LG-P    | FJ62LG-PZ | HJ60RV-KC |

### Dimensions

|                                         |                                     |                    |              |              |                                                                                                   |                     |                                                                                                               |
|-----------------------------------------|-------------------------------------|--------------------|--------------|--------------|---------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------|
| 5                                       | Overall length                      |                    | mm (in.)     | L 103        | 4,675 (184.1) 4,920 (193.7)* <sup>1</sup> 4,750 (187.0)* <sup>2</sup> 4,995 (196.7)* <sup>3</sup> |                     |                                                                                                               |
|                                         | Overall width                       |                    | mm (in.)     | W 103        | 1,800 (70.9) 1,880 (74.0)** <sup>4</sup>                                                          |                     | 1,800 (70.9)                                                                                                  |
|                                         | Overall height                      |                    | mm (in.)     | H 101        | 1,825(71.9) 1,905(75.0)* <sup>5</sup><br>2,060(81.1)* <sup>6</sup>                                |                     | 1,945(76.6)2,180(85.8)* <sup>6</sup><br>1,805 (71.1) 1,885 (74.2)* <sup>5</sup><br>2,040 (80.3)* <sup>6</sup> |
|                                         | Wheelbase                           |                    | mm (in.)     | L 101        | 2,730 (107.5)                                                                                     |                     |                                                                                                               |
|                                         | Tread-Front                         |                    | mm (in.)     | W 101        | 1,475 (58.1) 1,515 (59.6)** <sup>4</sup>                                                          |                     | 1,475 (58.1)                                                                                                  |
| 10                                      | Tread-Rear                          |                    | mm (in.)     | W 102        | 1,460 (57.5) 1,500 (59.1)** <sup>4</sup>                                                          |                     | 1,460 (57.5)                                                                                                  |
|                                         | Room length                         |                    | mm (in.)     | L 99         | 1,740 (68.5)                                                                                      |                     |                                                                                                               |
|                                         | Room width                          |                    | mm (in.)     | W 99         | 1,520 (59.8)                                                                                      |                     |                                                                                                               |
|                                         | Room height                         |                    | mm (in.)     | H 99         | 1,210 (47.6)                                                                                      | 1,280 (50.4)        | 1,215 (47.8)                                                                                                  |
|                                         | Deck length                         | unfolded rear seat | mm (in.)     | L 97         | 965 (38.0)                                                                                        |                     | 975 (38.4)                                                                                                    |
| folded rear seat                        |                                     | mm (in.)           | L 98         | 1,755 (69.1) |                                                                                                   | 1,765 (69.5)        |                                                                                                               |
| Deck length (Truck)                     |                                     | mm (in.)           | L 96         |              |                                                                                                   |                     |                                                                                                               |
| Deck width                              |                                     | mm (in.)           | W 98         | 1,520 (59.8) |                                                                                                   |                     |                                                                                                               |
| Deck height                             |                                     | mm (in.)           | H 98<br>H 97 | 1,025 (40.4) | 1,125 (44.3)                                                                                      | 1,045 (41.1)        |                                                                                                               |
| 15                                      | Cab rear end to rear axle (Truck)   |                    | mm (in.)     | L 95         |                                                                                                   |                     |                                                                                                               |
|                                         | Cab rear end to "Hip" point (Truck) |                    | mm (in.)     | L 94         |                                                                                                   |                     |                                                                                                               |
|                                         | Ground clearance                    |                    | mm (in.)     | H 153        | 215 (8.47)                                                                                        | 230 (9.06)          | 205 (8.07)                                                                                                    |
| Ground clearance on cylindrical surface |                                     | mm (in.)           | H 154        | 155 (6.10)   |                                                                                                   |                     |                                                                                                               |
| 20                                      | Overhang                            | Front              | mm (in.)     | L 104        | 725 (28.5) 970 (38.2)* <sup>1</sup>                                                               |                     |                                                                                                               |
|                                         |                                     | Rear               | mm (in.)     | L 105        | 1,220 (48.0) 1,295 (51.0)* <sup>2</sup>                                                           |                     |                                                                                                               |
|                                         |                                     | Body front         | mm (in.)     |              | 650 (25.6)                                                                                        |                     |                                                                                                               |
|                                         |                                     | Body rear          | mm (in.)     |              | 1,175 (46.3)                                                                                      |                     |                                                                                                               |
|                                         |                                     | Frame front        | mm (in.)     |              | 685 (27.0)                                                                                        |                     |                                                                                                               |
|                                         |                                     | Frame rear         | mm (in.)     |              | 1,185 (46.7)                                                                                      |                     |                                                                                                               |
| 25                                      | Angle of approach                   |                    | degree       | H 106        | 38 29* <sup>1</sup>                                                                               | 40 30* <sup>1</sup> | 34 27* <sup>1</sup>                                                                                           |
|                                         | Angle of departure                  |                    | degree       | H 107        | 22                                                                                                | 23                  | 21                                                                                                            |

\*<sup>1</sup> ..... With winch

\*<sup>2</sup> ..... With rear step bumper

\*<sup>3</sup> ..... With winch and rear step bumper

\*<sup>4</sup> ..... With over-fender

\*<sup>5</sup> ..... With roof carrier

\*<sup>6</sup> ..... With roof rack

### Cargo Space

|                                         |                    |                        |                        |     |              |              |              |
|-----------------------------------------|--------------------|------------------------|------------------------|-----|--------------|--------------|--------------|
| Luggage capacity                        |                    |                        | m <sup>3</sup> (cu.ft) | V 1 | —            |              |              |
| Cargo volume<br>(Van, Station<br>wagon) | Unfolded rear seat | m <sup>3</sup> (cu.ft) |                        |     | 1.088 (38.4) | 1.116 (39.4) | 1.088 (38.4) |
|                                         | Folded rear seat   | m <sup>3</sup> (cu.ft) |                        |     | 2.050 (72.4) | 2.289 (80.8) | 2.050 (72.4) |



| 2H Diesel     |          |           | 3B Diesel      |           |
|---------------|----------|-----------|----------------|-----------|
| Wagon G       |          |           | Wagon          |           |
| HJ60R (L) G-K | HJ60LG-M | HJ60LG-MZ | BJ60R (L) V-KC | BJ60LV-MC |

Dimensions

|    |                                                                                                   |                            |                            |                                         |                                                                       |
|----|---------------------------------------------------------------------------------------------------|----------------------------|----------------------------|-----------------------------------------|-----------------------------------------------------------------------|
|    | 4,675 (184.1) 4,920 (193.7)* <sup>1</sup> 4,750 (187.0)* <sup>2</sup> 4,995 (196.7)* <sup>3</sup> |                            |                            |                                         |                                                                       |
|    | 1,800 (70.9) 1,880 (74.0)* <sup>4</sup>                                                           |                            |                            | 1,800 (70.9)                            |                                                                       |
|    | 1,825 (71.9)                                                                                      | 1,905 (75.0)* <sup>5</sup> | 2,060 (81.1)* <sup>6</sup> | 1,945 (76.6) 2,180 (85.8)* <sup>6</sup> | 1,805 (71.1) 1,885 (74.2)* <sup>5</sup><br>2,040 (80.3)* <sup>6</sup> |
|    | 2,730 (107.5)                                                                                     |                            |                            |                                         |                                                                       |
| 5  | 1,475 (58.1) 1,515 (59.6)* <sup>4</sup>                                                           |                            |                            | 1,475 (58.1)                            |                                                                       |
|    | 1,460 (57.5) 1,500 (59.1)* <sup>4</sup>                                                           |                            |                            | 1,460 (57.5)                            |                                                                       |
|    | 1,740 (68.5)                                                                                      |                            |                            |                                         |                                                                       |
|    | 1,520 (59.8)                                                                                      |                            |                            |                                         |                                                                       |
|    | 1,210 (47.6)                                                                                      |                            | 1,280 (50.4)               |                                         | 1,215 (47.8)                                                          |
| 10 | 965 (38.0)                                                                                        |                            |                            | 975 (38.4)                              |                                                                       |
|    | 1,755 (69.1)                                                                                      |                            |                            | 1,765 (69.5)                            |                                                                       |
|    | 1,520 (59.8)                                                                                      |                            |                            |                                         |                                                                       |
|    | 1,025 (40.4)                                                                                      |                            | 1,125 (44.3)               |                                         | 1,045 (41.1)                                                          |
| 15 | 215 (8.47)                                                                                        |                            | 230 (9.06)                 |                                         | 205 (8.07)                                                            |
|    | 155 (6.10)                                                                                        |                            |                            |                                         |                                                                       |
|    | 725 (28.5) 970 (38.2)* <sup>1</sup>                                                               |                            |                            |                                         |                                                                       |
| 20 | 1,220 (48.0) 1,295 (51.0)* <sup>2</sup>                                                           |                            |                            |                                         |                                                                       |
|    | 650 (25.6)                                                                                        |                            |                            |                                         |                                                                       |
|    | 1,175 (46.3)                                                                                      |                            |                            |                                         |                                                                       |
|    | 685 (27.0)                                                                                        |                            |                            |                                         |                                                                       |
|    | 1,185 (46.7)                                                                                      |                            |                            |                                         |                                                                       |
| 25 | 37 29* <sup>1</sup>                                                                               |                            | 39 29* <sup>1</sup>        |                                         | 35 28* <sup>1</sup>                                                   |
|    | 22                                                                                                |                            | 23                         |                                         | 21                                                                    |

Cargo Space

|              |              |              |
|--------------|--------------|--------------|
| —            |              |              |
| 1.088 (38.4) | 1.116 (39.4) | 1.088 (38.4) |
| 2.050 (72.4) | 2.289 (80.8) | 2.050 (72.4) |



TOYOTA  
TECHNICAL SPECIFICATIONS

|                  |              |                            |            |
|------------------|--------------|----------------------------|------------|
| Defini-<br>tions | 3F Gasoline  |                            |            |
|                  | Wagon        |                            |            |
| Ref.<br>No.      | FJ62R(L)V-KC | FJ62R(L)V-KC* <sup>1</sup> | FJ62LV-KCZ |

Vehicle Weights

|    |                                                     |          |          |               |     |               |               |               |
|----|-----------------------------------------------------|----------|----------|---------------|-----|---------------|---------------|---------------|
| 5  | Curb weight                                         | kg (lb.) | Front    | Std           | WT1 | 915 (2,015)   |               | 920 (2,030)   |
|    |                                                     |          |          | Full opt      |     | 1,115 (2,460) | 1,050 (2,315) | 1,135 (2,500) |
|    |                                                     | Rear     | Std      | 960 (2,115)   |     | 980 (2,160)   | 960 (2,115)   |               |
|    |                                                     |          | Full opt | 1,135 (2,500) |     | 1,210 (2,670) | 1,140 (2,515) |               |
|    |                                                     | Total    | Std      | 1,875 (4,130) |     | 1,895 (4,175) | 1,880 (4,145) |               |
|    |                                                     |          | Full opt | 2,250 (4,960) |     | 2,260 (4,985) | 2,275 (5,015) |               |
|    | Chassis weight with cab<br>(Truck only)             | kg (lb.) | Front    |               | WT2 |               |               |               |
|    |                                                     |          | Rear     |               |     |               |               |               |
|    |                                                     |          | Total    |               |     |               |               |               |
| 10 | Chassis weight with wind-<br>shield<br>(Truck only) | kg (lb.) | Front    |               | WT3 |               |               |               |
|    |                                                     |          | Rear     |               |     |               |               |               |
|    |                                                     |          | Total    |               |     |               |               |               |
| 15 | Unloaded vehicle weight<br>(for Europe only)        | kg (lb.) | Front    |               | WT4 | —             |               |               |
|    |                                                     |          | Rear     |               |     | —             |               |               |
|    |                                                     |          | Total    |               |     | —             |               |               |
|    | Gross vehicle weight                                | kg (lb.) | Front    |               | WT5 | 1,255 (2,765) | 1,115 (2,460) |               |
|    |                                                     |          | Rear     |               |     | 1,505 (3,320) | 1,795 (3,955) |               |
|    |                                                     |          | Total    |               |     | 2,760 (6,085) | 2,910 (6,415) |               |

\*<sup>1</sup> ...With parallel type 3rd row seat  
\*<sup>2</sup> ...With transverse type 3rd row seat

Loading Capacity

|   |                                  |          |     |               |                                                         |
|---|----------------------------------|----------|-----|---------------|---------------------------------------------------------|
| 5 | Max. front axle capacity         | kg (lb.) | CP1 | 1,300 (2,865) |                                                         |
|   |                                  |          |     | 2,300 (5,070) | 2,020 (4,455)* <sup>1</sup> 1,850 (4,080)* <sup>2</sup> |
|   | Max. front axle housing capacity | kg (lb.) | CP2 | —             |                                                         |
|   |                                  |          |     | —             |                                                         |
|   | Max. towing weight               | kg (lb.) |     | with brake    | 1,500 (3,305)                                           |
|   |                                  |          |     | without brake | 750 (1,655)                                             |
| 5 | Max. roof rack load              | kg (lb.) |     | 200 (440)     |                                                         |
|   |                                  |          |     |               |                                                         |

\*<sup>1</sup> ... For South Africa  
\*<sup>2</sup> ... With 9.00-15 tires for South Africa



| 3F Gasoline              |                          |           |                         |             |
|--------------------------|--------------------------|-----------|-------------------------|-------------|
| Wagon                    |                          |           |                         | Wagon G     |
| FJ62LV-KCZ* <sup>1</sup> | FJ62LV-KCZ* <sup>2</sup> | FJ62LV-MC | FJ62LV-MC* <sup>1</sup> | FJ62R(L)G-K |

Vehicle Weights

|    |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|
| 5  | 915 (2,015)   |               | 920 (2,030)   | 915 (2,015)   |               |
|    | 1,070 (2,360) | 1,060 (2,335) | 1,120 (2,470) | 1,050 (2,315) | 1,125 (2,480) |
|    | 980 (2,160)   | 1,010 (2,225) | 955 (2,105)   | 975 (2,150)   | 980 (2,160)   |
|    | 1,110 (2,445) | 1,200 (2,645) | 1,130 (2,490) | 1,210 (2,670) | 1,170 (2,580) |
|    | 1,895 (4,175) | 1,925 (4,240) | 1,875 (4,135) | 1,890 (4,165) | 1,895 (4,175) |
| 10 | 2,180 (4,805) | 2,260 (4,980) | 2,250 (4,960) | 2,260 (4,985) | 2,295 (5,060) |
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|    | 1,115 (2,460) |               | 1,255 (2,765) | 1,115 (2,460) | 1,255 (2,765) |
|    | 1,795 (3,955) |               | 1,505 (3,320) | 1,795 (3,955) | 1,505 (3,320) |
|    | 2,910 (6,415) |               | 2,760 (6,085) | 2,910 (6,415) | 2,760 (6,085) |

Loading Capacity

|   |                                                                            |  |  |  |
|---|----------------------------------------------------------------------------|--|--|--|
| 5 | 1,300 (2,865)                                                              |  |  |  |
|   | 2,300 (5,070)    2,020 (4,455) * <sup>1</sup> 1,850 (4,080) * <sup>2</sup> |  |  |  |
|   |                                                                            |  |  |  |
|   |                                                                            |  |  |  |
|   |                                                                            |  |  |  |
|   | 1,500 (3,305)                                                              |  |  |  |
|   | 750 (1,655)                                                                |  |  |  |
|   | 200 (440)                                                                  |  |  |  |



TOYOTA  
TECHNICAL SPECIFICATIONS

|                  |             |           |                        |
|------------------|-------------|-----------|------------------------|
| Difini-<br>tions | 3F Gasoline |           |                        |
|                  | Wagon G     |           |                        |
|                  | Ref. No.    | FJ62LG-KZ | FJ62LG-KZ* FJ62R(L)G-M |

Vehicle Weights

|    |                                                     |          |       |          |     |               |               |               |
|----|-----------------------------------------------------|----------|-------|----------|-----|---------------|---------------|---------------|
| 5  | Curb weight                                         | kg (lb.) | Front | Std      | WT1 | 940 (2,070)   | 930 (2,050)   | 925 (2,040)   |
|    |                                                     |          |       | Full opt |     | 1,150 (2,535) | 1,060 (2,335) | 1,135 (2,500) |
|    |                                                     |          | Rear  | Std      |     | 990 (2,185)   | 1,045 (2,305) | 975 (2,150)   |
|    |                                                     |          |       | Full opt |     | 1,170 (2,580) | 1,200 (2,645) | 1,165 (2,570) |
|    |                                                     |          | Total | Std      |     | 1,930 (4,255) | 1,975 (4,355) | 1,900 (4,190) |
|    |                                                     |          |       | Full opt |     | 2,320 (5,115) | 2,260 (4,980) | 2,300 (5,070) |
|    | Chassis weight with cab<br>(Truck only)             | kg (lb.) | Front |          | WT2 |               |               |               |
|    |                                                     |          | Rear  |          |     |               |               |               |
|    |                                                     |          | Total |          |     |               |               |               |
| 10 | Chassis weight with wind-<br>shield<br>(Truck only) | kg (lb.) | Front |          | WT3 |               |               |               |
|    |                                                     |          | Rear  |          |     |               |               |               |
|    |                                                     |          | Total |          |     |               |               |               |
| 15 | Unloaded vehicle weight<br>(for Europe only)        | kg (lb.) | Front |          | WT4 | —             |               |               |
|    |                                                     |          | Rear  |          |     | —             |               |               |
|    |                                                     |          | Total |          |     | —             |               |               |
|    | Gross vehicle weight                                | kg (lb.) | Front |          | WT5 | 1,115 (2,460) |               | 1,255 (2,765) |
|    |                                                     |          | Rear  |          |     | 1,795 (3,955) |               | 1,505 (3,320) |
|    |                                                     |          | Total |          |     | 2,910 (6,415) |               | 2,760 (6.085) |

\* ..... With transverse type 3rd row seat

Loading Capacity

|                                  |          |               |     |               |                             |                             |
|----------------------------------|----------|---------------|-----|---------------|-----------------------------|-----------------------------|
| Max. front axle capacity         |          | kg (lb.)      | CP1 | 1,300 (2,865) |                             |                             |
| Max. rear axle capacity          |          | kg (lb.)      |     | 2,300 (5,070) | 2,020 (4,455)* <sup>1</sup> | 1,850 (4,080)* <sup>2</sup> |
| Max. front axle housing capacity |          | kg (lb.)      | CP2 | —             |                             |                             |
| Max. rear axle housing capacity  |          | kg (lb.)      |     | —             |                             |                             |
| 5 Max. towing weight             | kg (lb.) | with brake    |     | 1,500 (3,305) |                             |                             |
|                                  |          | without brake |     | 750 (1,655)   |                             |                             |
| Max. roof rack load              |          | kg (lb.)      |     | 200 (440)     |                             |                             |

\*1 ... For South Africa

\*2 ... With 9.00-15 tires for South Africa



| 3F Gasoline |            |          |           |            |
|-------------|------------|----------|-----------|------------|
| Wagon G     |            |          |           |            |
| FJ62LG-MZ   | FJ62LG-MZ* | FJ62LG-P | FJ62LG-PZ | FJ62LG-PZ* |

Vehicle Weights

|    |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|
| 5  | 930 (2,050)   | 920 (2,030)   | 940 (2,070)   | 955 (2,105)   | 945 (2,085)   |
|    | 1,140 (2,515) | 1,060 (2,335) | 1,150 (2,535) | 1,170 (2,580) | 1,060 (2,335) |
|    | 1,005 (2,215) | 1,060 (2,335) | 985 (2,170)   | 1,010 (2,225) | 1,065 (2,350) |
|    | 1,180 (2,600) | 1,200 (2,645) | 1,170 (2,580) | 1,205 (2,655) | 1,200 (2,645) |
|    | 1,935 (4,265) | 1,980 (4,365) | 1,925 (4,240) | 1,965 (4,330) | 2,010 (4,435) |
|    | 2,320 (5,115) | 2,260 (4,980) | 2,320 (5,115) | 2,375 (5,235) | 2,260 (4,980) |
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TOYOTA  
TECHNICAL SPECIFICATIONS

| Difini-<br>tions | 2H Diesel |                         |             |
|------------------|-----------|-------------------------|-------------|
|                  | Wagon     |                         | Wagon G     |
|                  | HJ60RV-KC | HJ60RV-KC* <sup>1</sup> | HJ60R(L)G-K |
| Ref.<br>No.      |           |                         |             |

Vehicle Weights

|    |                                                     |          |       |          |     |               |               |               |
|----|-----------------------------------------------------|----------|-------|----------|-----|---------------|---------------|---------------|
| 5  | Curb weight                                         | kg (lb.) | Front | Std      | WT1 | 995 (2,195)   |               | 1,010 (2,225) |
|    |                                                     |          |       | Full opt |     | 1,175 (2,590) | 1,050 (2,315) | 1,150 (2,535) |
|    |                                                     |          | Rear  | Std      |     | 975 (2,150)   | 995 (2,195)   | 990 (2,185)   |
|    |                                                     |          |       | Full opt |     | 1,135 (2,500) | 1,210 (2,670) | 1,200 (2,645) |
|    |                                                     |          | Total | Std      |     | 1,970 (4,345) | 1,990 (4,390) | 2,000 (4,410) |
|    |                                                     |          |       | Full opt |     | 2,310 (5,090) | 2,260 (4,985) | 2,350 (5,180) |
|    | Chassis weight with cab<br>(Truck only)             | kg (lb.) | Front |          | WT2 |               |               |               |
|    |                                                     |          | Rear  |          |     |               |               |               |
|    |                                                     |          | Total |          |     |               |               |               |
| 10 | Chassis weight with wind-<br>shield<br>(Truck only) | kg (lb.) | Front |          | WT3 |               |               |               |
|    |                                                     |          | Rear  |          |     |               |               |               |
|    |                                                     |          | Total |          |     |               |               |               |
| 15 | Unloaded vehicle weight<br>(for Europe only)        | kg (lb.) | Front |          | WT4 | —             |               |               |
|    |                                                     |          | Rear  |          |     | —             |               |               |
|    |                                                     |          | Total |          |     | —             |               |               |
|    | Gross vehicle weight                                | kg (lb.) | Front |          | WT5 | 1,255 (2,765) | 1,115 (2,460) | 1,255 (2,765) |
|    |                                                     |          | Rear  |          |     | 1,505 (3,320) | 1,795 (3,955) | 1,505 (3,320) |
|    |                                                     |          | Total |          |     | 2,760 (6,085) | 2,910 (6,415) | 2,760 (6,085) |

\*<sup>1</sup> ..... With parallel type 3rd row seat  
\*<sup>2</sup> ..... With transverse type 3rd row seat

Loading Capacity

|                                  |                    |          |               |               |                             |                             |
|----------------------------------|--------------------|----------|---------------|---------------|-----------------------------|-----------------------------|
| Max. front axle capacity         |                    | kg (lb.) | CP1           | 1,300 (2,865) |                             |                             |
| Max. rear axle capacity          |                    | kg (lb.) |               | 2,300 (5,070) | 2,020 (4,455)* <sup>1</sup> | 1,850 (4,080)* <sup>2</sup> |
| Max. front axle housing capacity |                    | kg (lb.) | CP2           | —             |                             |                             |
| Max. rear axle housing capacity  |                    | kg (lb.) |               | —             |                             |                             |
| 5                                | Max. towing weight | kg (lb.) | with brake    | 1,500 (3,305) |                             |                             |
|                                  |                    |          | without brake | 750 (1,655)   |                             |                             |
| Max. roof rack load              |                    | kg (lb.) |               | 200 (440)     |                             |                             |

\*<sup>1</sup> ... For South Africa  
\*<sup>2</sup> ... With 9.00-15 tires for South Africa



| 2H Diesel |           |             | 3B Diesel    |                |
|-----------|-----------|-------------|--------------|----------------|
| Wagon G   |           |             | Wagon        |                |
| HJ60LG-M  | HJ60LG-MZ | HJ60LG-MZ*² | BJ60R(L)V-KC | BJ60R(L)V-KC*¹ |

Vehicle Weights

|    |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|
| 5  | 1,020 (2,250) | 1,030 (2,270) | 1,025 (2,260) | 955 (2,105)   | 950 (2,095)   |
|    | 1,150 (2,535) | 1,235 (2,720) | 1,060 (2,335) | 1,145 (2,525) | 1,070 (2,360) |
|    | 980 (2,160)   | 1,010 (2,225) | 1,060 (2,335) | 975 (2,150)   | 995 (2,195)   |
|    | 1,200 (2,645) | 1,185 (2,615) | 1,200 (2,645) | 1,140 (2,515) | 1,110 (2,445) |
|    | 2,000 (4,410) | 2,040 (4,495) | 2,085 (4,595) | 1,930 (4,255) | 1,945 (4,290) |
|    | 2,350 (5,180) | 2,420 (5,335) | 2,260 (4,980) | 2,285 (5,040) | 2,180 (4,805) |
| 10 |               |               |               |               |               |
|    |               |               |               |               |               |
|    |               |               |               |               |               |
|    |               |               |               |               |               |
|    |               |               |               |               |               |
|    |               |               |               |               |               |
| 15 |               |               |               |               |               |
|    |               |               |               |               |               |
|    |               |               |               |               |               |
|    |               |               |               |               |               |
|    | 1,255 (2,765) | 1,115 (2,460) | 1,255 (2,765) | 1,115 (2,460) |               |
|    | 1,505 (3,320) | 1,795 (3,955) | 1,505 (3,320) | 1,795 (3,955) |               |
|    | 2,760 (6,085) | 2,910 (6,415) | 2,760 (6,085) | 2,910 (6,415) |               |

Loading Capacity

|   |               |
|---|---------------|
| 5 | 1,300 (2,865) |
|   | 2,300 (5,070) |
|   | —             |
|   | —             |
|   | 1,500 (3,305) |
|   | 750 (1,655)   |
|   | 200 (440)     |
|   |               |



TOYOTA  
TECHNICAL SPECIFICATIONS

|                  |           |            |
|------------------|-----------|------------|
| Difini-<br>tions | 3B Diesel |            |
|                  | Wagon     |            |
|                  | BJ60LV-MC | BJ60LV-MC* |
| Ref.<br>No.      |           |            |

Vehicle Weights

|    |                                                     |          |       |          |     |               |               |
|----|-----------------------------------------------------|----------|-------|----------|-----|---------------|---------------|
| 5  | Curb weight                                         | kg (lb.) | Front | Std      | WT1 | 950 (2,095)   |               |
|    |                                                     |          |       | Full opt |     | 1,140 (2,515) | 1,035 (2,280) |
|    |                                                     |          | Rear  | Std      |     | 980 (2,160)   | 1,000 (2,205) |
|    |                                                     |          |       | Full opt |     | 1,140 (2,515) | 1,065 (2,350) |
|    |                                                     |          | Total | Std      |     | 1,930 (4,255) | 1,950 (4,300) |
|    |                                                     |          |       | Full opt |     | 2,280 (5,030) | 2,100 (4,630) |
|    | Chassis weight with cab<br>(Truck only)             | kg (lb.) | Front |          | WT2 |               |               |
|    |                                                     |          | Rear  |          |     |               |               |
|    |                                                     |          | Total |          |     |               |               |
| 10 | Chassis weight with wind-<br>shield<br>(Truck only) | kg (lb.) | Front |          | WT3 |               |               |
|    |                                                     |          | Rear  |          |     |               |               |
|    |                                                     |          | Total |          |     |               |               |
| 15 | Unloaded vehicle weight<br>(for Europe only)        | kg (lb.) | Front |          | WT4 | —             |               |
|    |                                                     |          | Rear  |          |     | —             |               |
|    |                                                     |          | Total |          |     | —             |               |
|    | Gross vehicle weight                                | kg (lb.) | Front |          | WT5 | 1,255 (2,765) | 1,115 (2,460) |
|    |                                                     |          | Rear  |          |     | 1,505 (3,320) | 1,795 (3,955) |
|    |                                                     |          | Total |          |     | 2,760 (6,085) | 2,910 (6,415) |

\* ..... With parallel type 3rd row seat

Loading Capacity

|                                  |          |               |     |               |
|----------------------------------|----------|---------------|-----|---------------|
| Max. front axle capacity         |          | kg (lb.)      | CP1 | 1,300 (2,865) |
| Max. rear axle capacity          |          | kg (lb.)      |     | 2,300 (5,070) |
| Max. front axle housing capacity |          | kg (lb.)      | CP2 | —             |
| Max. rear axle housing capacity  |          | kg (lb.)      |     | —             |
| 5 Max. towing weight             | kg (lb.) | with brake    |     | 1,500 (3,305) |
|                                  |          | without brake |     | 750 (1,655)   |
| Max. roof rack load              |          | kg (lb.)      |     | 200 (440)     |



| 3F Gasoline  |            |           |
|--------------|------------|-----------|
| Wagon        |            |           |
| FJ62R(L)V-KC | FJ62LV-KCZ | FJ62LV-MC |

Performance

|                               |                                      |                    |                         |                  |  |             |  |
|-------------------------------|--------------------------------------|--------------------|-------------------------|------------------|--|-------------|--|
| Max. speed                    |                                      |                    | km/h (mph)              | 150 (94)         |  | 155 (97)    |  |
| Max. cruising speed           |                                      |                    | km/h (mph)              | 120 (75)         |  | 124 (77)    |  |
| Acceleration                  | 0 to 100 km/h                        |                    | sec.                    | 16.5             |  |             |  |
|                               | SS 1/4 mile                          |                    | sec.                    | 20.0             |  |             |  |
| 5                             | Fuel consumption                     | DIN                | km/liter                | —                |  |             |  |
|                               |                                      |                    | mile/US gal.            | —                |  |             |  |
|                               |                                      |                    | mile/Imp gal.           | —                |  |             |  |
|                               | ECE (Europe only)                    | 90 km/h   ℓ/100km  | —                       |                  |  |             |  |
|                               |                                      | 120 km/h   ℓ/100km | —                       |                  |  |             |  |
|                               |                                      | ECE mode   ℓ/100km | —                       |                  |  |             |  |
| 10                            | Max. gradability   tanθ              | 1st gear           | L 1.00 or more / H 0.47 |                  |  |             |  |
|                               |                                      | 2nd gear           | 0.51 / 0.23             |                  |  |             |  |
|                               |                                      | 3rd gear           | 0.26 / 0.12             |                  |  |             |  |
|                               |                                      | 4th gear           | 0.16 / 0.06             |                  |  |             |  |
|                               |                                      | 5th gear           | —                       |                  |  | 0.13 / 0.04 |  |
|                               |                                      | Rev. gear          | 1.00 or more / 0.47     |                  |  |             |  |
| 20                            | Max. permissible speed<br>km/h (mph) | 1st gear           | 31 (19)                 |                  |  |             |  |
|                               |                                      | 2nd gear           | 58 (36)                 |                  |  |             |  |
|                               |                                      | 3rd gear           | 100 (63)                |                  |  |             |  |
|                               |                                      | 4th gear           | —                       |                  |  | 150 (94)    |  |
|                               |                                      | 5th gear           | —                       |                  |  |             |  |
| Min. turning radius   m (ft.) | Tire                                 | 6.2 (20.4) (2WD)   |                         | 6.7 (22.0) (4WD) |  |             |  |
|                               | Body                                 | 6.7 (22.0) (2WD)   |                         | 7.2 (23.6) (4WD) |  |             |  |
| Slant angle           degree  | Right                                | 44                 |                         |                  |  |             |  |
|                               | Left                                 | 44                 |                         |                  |  |             |  |
| 25                            |                                      |                    |                         |                  |  |             |  |

Transfer gear:  
L = Low  
H = High



TOYOTA  
TECHNICAL SPECIFICATIONS

| 3F Gasoline |           |             |
|-------------|-----------|-------------|
| Wagon G     |           |             |
| FJ62R(L)G-K | FJ62LG-KZ | FJ62R(L)G-M |

Performance

|                                   |                   |                         |                         |                         |
|-----------------------------------|-------------------|-------------------------|-------------------------|-------------------------|
| Max. speed                        |                   | km/h (mph)              | 150 (94)                | 155 (97)                |
| Max. cruising speed               |                   | km/h (mph)              | 120 (75)                | 124 (77)                |
| Acceleration                      | 0 to 100 km/h     | sec.                    | 16.5                    |                         |
|                                   | SS 1/4 mile       | sec.                    | 20.0                    |                         |
| Fuel consumption                  | DIN               | km/liter                | —                       |                         |
|                                   |                   | mile/US gal.            | —                       |                         |
|                                   |                   | mile/Imp gal.           | —                       |                         |
|                                   | ECE (Europe only) | 90 km/h 2/100km         | —                       |                         |
|                                   |                   | 120 km/h 2/100km        | —                       |                         |
|                                   |                   | ECE mode 2/100km        | —                       |                         |
| Max. gradability tanθ             | 1st gear          | L 1.00 or more / H 0.48 | L 1.00 or more / H 0.43 | L 1.00 or more / H 0.48 |
|                                   | 2nd gear          | 0.52 / 0.23             | 0.46 / 0.21             | 0.52 / 0.23             |
|                                   | 3rd gear          | 0.27 / 0.12             | 0.24 / 0.11             | 0.27 / 0.12             |
|                                   | 4th gear          | 0.17 / 0.06             | 0.15 / 0.05             | 0.17 / 0.06             |
|                                   | 5th gear          | —                       |                         | 0.14 / 0.04             |
|                                   | Rev. gear         | 1.00 or more / 0.48     | 1.00 or more / 0.43     | 1.00 or more / 0.48     |
| Max. permissible speed km/h (mph) | 1st gear          | 32 (20)                 | 34 (21)                 | 32 (20)                 |
|                                   | 2nd gear          | 60 (38)                 | 62 (39)                 | 60 (38)                 |
|                                   | 3rd gear          | 104 (65)                | 108 (69)                | 104 (65)                |
|                                   | 4th gear          | —                       |                         | 150 (94)                |
|                                   | 5th gear          | —                       |                         |                         |
| Min. turning radius m (ft.)       | Tire              | 6.2 (20.4) (2WD)        | 6.7 (22.0) (4WD)        |                         |
|                                   | Body              | 6.7 (22.0) (2WD)        | 7.2 (23.6) (4WD)        |                         |
| Slant angle degree                | Right             | 44                      |                         |                         |
|                                   | Left              | 44                      |                         |                         |

Transfer gear:  
L = Low  
H = High



| 3F Gasoline |          |           | 2H Diesel |             |          |
|-------------|----------|-----------|-----------|-------------|----------|
| Wagon G     |          |           | Wagon     | Wagon G     |          |
| FJ62LG-MZ   | FJ62LG-P | FJ62LG-PZ | HJ60RV-KC | HJ60R(L)G-K | HJ60LG-M |

Performance

|          |          |          |          |
|----------|----------|----------|----------|
| 155 (97) | 150 (94) | 140 (87) | 145 (90) |
| 124 (77) | 120 (75) | 112 (70) | 116 (73) |
| 16.5     | 22.5     | 26.0     |          |
| 20.0     | 22.0     | 22.5     |          |

|   |   |
|---|---|
| 5 | — |
|   | — |
|   | — |
|   | — |
|   | — |
|   | — |

|    |                         |                 |                 |                         |             |
|----|-------------------------|-----------------|-----------------|-------------------------|-------------|
| 10 | L 1.00 or more / H 0.43 | L 0.72 / H 0.30 | L 0.62 / H 0.27 | L 1.00 or more / H 0.40 |             |
|    | 0.46 / 0.21             | 0.31 / 0.14     | 0.28 / 0.13     | 0.42 / 0.19             | 0.43 / 0.20 |
|    | 0.21 / 0.11             | 0.19 / 0.08     | 0.17 / 0.07     | 0.22 / 0.10             | 0.23 / 0.10 |
|    | 0.15 / 0.05             | 0.13 / 0.04     | 0.11 / 0.03     | 0.14 / 0.05             | 0.14 / 0.05 |
|    | 0.12 / 0.04             | —               |                 |                         | 0.11 / 0.03 |

|    |                     |             |             |                     |          |
|----|---------------------|-------------|-------------|---------------------|----------|
| 15 | 1.00 or more / 0.43 | 0.62 / 0.27 | 0.55 / 0.24 | 1.00 or more / 0.40 |          |
|    | 34 (21)             | 48 (30)     | 50 (31)     | 26 (16)             | 27 (17)  |
|    | 62 (39)             | 92 (58)     | 96 (61)     | 48 (30)             | 50 (31)  |
|    | 108 (69)            | 150 (94)    |             | 84 (52)             | 86 (54)  |
|    | 150 (94)            | —           |             |                     | 140 (87) |

|    |                                   |
|----|-----------------------------------|
| 20 | —                                 |
|    | —                                 |
|    | 6.2 (20.4) (2WD) 6.7 (22.0) (4WD) |
|    | 6.7 (22.0) (2WD) 7.2 (23.6) (4WD) |
|    | 44                                |
|    | 44                                |
| 25 | —                                 |



TOYOTA  
TECHNICAL SPECIFICATIONS

|           |              |           |
|-----------|--------------|-----------|
| 2H Diesel | 3B Diesel    |           |
| Wagon G   | Wagon        |           |
| HJ60LG-MZ | BJ60R(L)V-KC | BJ60LV-MC |

Performance

|                                            |                      |                     |                  |                         |                  |          |
|--------------------------------------------|----------------------|---------------------|------------------|-------------------------|------------------|----------|
| Max. speed                                 |                      |                     | km/h (mph)       | 145 (90)                | 120 (75)         | 130 (80) |
| Max. cruising speed                        |                      |                     | km/h (mph)       | 116 (73)                | 96 (61)          | 104 (65) |
| Acceleration                               | 0 to 100 km/h        |                     | sec.             | 26.0                    | 27.0             |          |
|                                            | SS 1/4 mile          |                     | sec.             | 22.5                    | 23.0             |          |
| 5<br>Fuel consumption                      | DIN                  | km/liter            | —                |                         |                  |          |
|                                            |                      | mile/US gal.        | —                |                         |                  |          |
|                                            |                      | mile/Imp gal.       | —                |                         |                  |          |
|                                            | ECE<br>(Europe only) | 90 km/h    ℓ/100km  | —                |                         |                  |          |
|                                            |                      | 120 km/h    ℓ/100km | —                |                         |                  |          |
|                                            |                      | ECE mode    ℓ/100km | —                |                         |                  |          |
|                                            |                      |                     |                  |                         |                  |          |
| 10<br>Max. gradability    tanθ             | 1st gear             |                     | L 0.94 / H 0.36  | L 1.00 or more / H 0.39 |                  |          |
|                                            | 2nd gear             |                     | 0.39 / 0.18      | 0.42 / 0.19             |                  |          |
|                                            | 3rd gear             |                     | 0.21 / 0.09      | 0.22 / 0.10             |                  |          |
|                                            | 4th gear             |                     | 0.13 / 0.04      | 0.14 / 0.05             |                  |          |
|                                            | 5th gear             |                     | 0.10 / 0.02      | —                       | 0.11 / 0.04      |          |
|                                            | Rev. gear            |                     | 0.94 / 0.36      | 1.00 or more / 0.39     |                  |          |
|                                            |                      |                     |                  |                         |                  |          |
| 15<br>Max. permissible speed<br>km/h (mph) | 1st gear             |                     | 28 (18)          | 24 (15)                 |                  |          |
|                                            | 2nd gear             |                     | 52 (33)          | 44 (28)                 |                  |          |
|                                            | 3rd gear             |                     | 90 (56)          | 75 (47)                 |                  |          |
|                                            | 4th gear             |                     | 140 (87)         | —                       | 120 (75)         |          |
|                                            | 5th gear             |                     | —                |                         |                  |          |
| 20<br>Min. turning radius    m (ft.)       | Tire                 |                     | 6.2 (20.4) (2WD) |                         | 6.7 (22.0) (4WD) |          |
|                                            | Body                 |                     | 6.7 (22.0) (2WD) |                         | 7.2 (23.6) (4WD) |          |
| 25<br>Slant angle    degree                | Right                |                     | 44               |                         |                  |          |
|                                            | Left                 |                     | 44               |                         |                  |          |

Transfer gear:  
L = Low  
H = High



|                   |             |
|-------------------|-------------|
| 3F                |             |
| Wagon             | Wagon G     |
| 4- or 5-Speed M/T | 4-Speed A/T |

**Engine — General**

|                                  |                              |                |                                    |                                    |                                    |
|----------------------------------|------------------------------|----------------|------------------------------------|------------------------------------|------------------------------------|
| Model                            |                              |                | 3F, Gasoline                       |                                    |                                    |
| Engine installation location     |                              |                | Front, longitudinally mounted      |                                    |                                    |
| Type No. Cyls. Valve arrangement |                              |                | In-line, 6-cyl., O.H.V.            |                                    |                                    |
| Bore and stroke                  |                              | mm (in.)       | 94.0 x 95.0 (3.70 x 3.74)          |                                    |                                    |
| Piston displacement              |                              | cc (cu.in.)    | 3,955 (241.4)                      |                                    |                                    |
| 5                                | Compression ratio            |                | 8.1                                |                                    |                                    |
|                                  | Compression pressure         |                | 1,030                              |                                    |                                    |
|                                  | Max. permissible rpm         | continuous rpm | 4,200                              |                                    |                                    |
| momentary rpm                    |                              | 4,600          |                                    |                                    |                                    |
| 10                               | No. of compression ring/cyl. |                | 2                                  |                                    |                                    |
|                                  | No. of oil ring/cyl.         |                | 1                                  |                                    |                                    |
|                                  | No. of main bearings         |                | 4                                  |                                    |                                    |
| Max. BHP                         | SAE NET                      | kw/rpm         | 101, 116* / 4,200                  | 108, 116* / 4,200                  |                                    |
|                                  | DIN or EEC                   | kw/rpm         | 103 / 4,200                        | 110/4,200                          |                                    |
| 15 Max. Torque                   | SAE NET                      | N-m/rpm        | 275, 294*/2,200                    |                                    |                                    |
|                                  | DIN or EEC                   | N-m/rpm        | 284/2,200                          |                                    |                                    |
| Vacuum at idling speed           |                              | KPa/rpm        | 56/650                             |                                    | 56/750                             |
| Engine dimension (L x W x H)     |                              | mm (in.)       | 969x679x791<br>(38.15x26.73x31.14) | 971x679x791<br>(38.23x26.73x31.14) | 955x564x806<br>(37.60x22.20x31.73) |
| Engine service weight            |                              | kg (lb.)       | 252 (555.6)                        | 254 (559.9)                        | 240 (529.1)                        |

FJ62RG-M is classified as wagon category.

\* ..... SAE gross

**Engine — Valve System**

|                   |         |                |                                |
|-------------------|---------|----------------|--------------------------------|
| Valve timing      | intake  | opens (°BTDC)  | 22                             |
|                   |         | closes (°ABDC) | 48                             |
|                   | exhaust | opens (°BBDC)  | 60                             |
|                   |         | closes (°ATDC) | 10                             |
| 5 Valve clearance | intake  | mm (in.)       | 0.20 (0.008) (with engine hot) |
|                   | exhaust | mm (in.)       | 0.35 (0.014) (with engine hot) |



TOYOTA  
TECHNICAL SPECIFICATIONS

|    |    |
|----|----|
| 2H | 3B |
|----|----|

Engine – General

|                                  |                              |                    |                               |                                         |                                         |
|----------------------------------|------------------------------|--------------------|-------------------------------|-----------------------------------------|-----------------------------------------|
| Model                            |                              |                    | 2H, Diesel                    | 3B, Diesel                              |                                         |
| Engine installation location     |                              |                    | Front, longitudinally mounted |                                         |                                         |
| Type No. Cyls. Valve arrangement |                              |                    | In-line, 6-cyl., O.H.V.       | In-line, 4-cyl., O.H.V.                 |                                         |
| Bore and stroke                  |                              |                    | mm (in.)                      | 91.0 x 102.0 (3.58 x 4.02)              | 102.0 x 105.0 (4.02 x 4.13)             |
| Piston displacement              |                              |                    | cc (cu.in.)                   | 3,980 (242.9)                           | 3,431 (209.4)                           |
| 5                                | Compression ratio            |                    |                               | 20.7                                    | 20.0                                    |
|                                  | Compression pressure         |                    | KPa                           | 2,746                                   | 2,942/250 rpm                           |
|                                  | Max. permissible rpm         | continuous rpm     |                               | 3,500                                   |                                         |
|                                  |                              | momentary rpm      |                               | 4,100                                   |                                         |
| 10                               | No. of compression ring/cyl. |                    |                               | 2                                       |                                         |
|                                  | No. of oil ring/cyl.         |                    |                               | 1                                       |                                         |
| No. of main bearings             |                              |                    | 7                             | 5                                       |                                         |
|                                  | Max. BHP                     | SAE NET kw/rpm     | 79/3,500                      | 69, 71*/3,500                           |                                         |
|                                  |                              | DIN or EEC kw/rpm  | 76/3,500                      | —                                       |                                         |
| 15                               | Max. Torque                  | SAE NET N-m/rpm    | —                             | 221, 224*/2,100                         |                                         |
|                                  |                              | DIN or EEC N-m/rpm | 241/1,800                     | —                                       |                                         |
| Vacuum at idling speed           |                              |                    | KPa/rpm                       | —                                       |                                         |
| Engine dimension (L x W x H)     |                              |                    | mm (in.)                      | 973 x 553 x 692 (38.31 x 21.77 x 27.24) | 796 x 575 x 713 (31.34 x 22.64 x 28.07) |
| Engine service weight            |                              |                    | kg (lb.)                      | 334 (736.4)                             | 284 (626.1)                             |

\* ..... SAE gross

Engine – Valve System

|              |                 |                |                  |                                |
|--------------|-----------------|----------------|------------------|--------------------------------|
| Valve timing | intake          | opens (°BTDC)  | 16               |                                |
|              |                 | closes (°ABDC) | 48               | 52                             |
|              | exhaust         | opens (°BBDC)  | 52               |                                |
|              |                 | closes (°ATDC) | 14               |                                |
| 5            | Valve clearance |                | intake mm (in.)  | 0.20 (0.008) (with engine hot) |
|              |                 |                | exhaust mm (in.) | 0.36 (0.014) (with engine hot) |



|       |         |
|-------|---------|
| 3F    |         |
| Wagon | Wagon G |

Engine – Lubrication System

|                         |                                                        |                                 |
|-------------------------|--------------------------------------------------------|---------------------------------|
| Type of lubrication     |                                                        | Full pressure                   |
| Oil pump type           |                                                        | Gear                            |
| Oil filter type, system |                                                        | Paper filter element, full flow |
| 5 Oil capacity          | Dry Refill with Filter<br>ℓ (US.qts., Imp.qts.)        | 8.0 (8.45, 7.04)                |
|                         | Drain & Refill with Filter<br>ℓ (US.qts., Imp.qts.)    | 7.8 (8.24, 6.86)                |
|                         | Drain & Refill without Filter<br>ℓ (US.qts., Imp.qts.) | 7.0 (7.40, 6.16)                |
| Oil cooler type         |                                                        | Opt.: Outside, water-cooled     |

Engine – Cooling System

|                            |                              |                               |                       |
|----------------------------|------------------------------|-------------------------------|-----------------------|
| System                     |                              | Water-cooled                  |                       |
| Fan                        | Number of blades             | 6                             | 7                     |
|                            | Diameter            mm (in.) | 410 (16.14)                   | 450 (17.72)           |
|                            | Material                     | P.P.G.                        |                       |
| 5 Coupling                 | Type                         | Directly connected            | Fluid                 |
|                            | Oil viscosity                | —                             | 10,000 cst            |
| Water pump type            |                              | Centrifugal, V-belt drive     |                       |
| Radiator core type         |                              | Vertical type, corrugated fin |                       |
| 10 Cooling system capacity | with heater*1    ℓ           | 17.5 (18.50, 15.40)           | 19.5 (20.61, 17.16)*2 |
|                            | without heater*1 ℓ           | 15.5 (16.38, 13.64)           |                       |
| Cooling system temperature | Normal    °C (°F)            | 88 (190.4)                    |                       |
|                            | Overheat   °C (°F)           | 110 (230.0)                   |                       |

FJ62RG-M is classified as wagon category.  
\*1 ... (    )=U.S.qts., Imp. qts.  
\*2 ...With front and rear heaters

Engine – Fuel System

|                            |                     |                                |  |
|----------------------------|---------------------|--------------------------------|--|
| Carburetor type, No., Make |                     | Down draft, 2-barrel, 1, AISAN |  |
| Throttle bore dia.         | Primary    mm (in.) | 38 (1.50)                      |  |
|                            | Secondary mm (in.)  | 40 (1.58)                      |  |
| Main venturi dia           | Primary    mm (in.) | 32 (1.26)                      |  |
|                            | Secondary mm (in.)  | 36 (1.42)                      |  |
| 5 Main jet dia.            | Primary    mm (in.) | 1.38 (0.054)                   |  |
|                            | Secondary mm (in.)  | 2.20 (0.087)                   |  |



TOYOTA  
TECHNICAL SPECIFICATIONS

|    |    |
|----|----|
| 2H | 3B |
|----|----|

Engine – Lubrication System

|                         |                                                        |                                 |                  |
|-------------------------|--------------------------------------------------------|---------------------------------|------------------|
| Type of lubrication     |                                                        | Full pressure                   |                  |
| Oil pump type           |                                                        | Trochoid                        | Gear             |
| Oil filter type, system |                                                        | Paper filter element, full flow |                  |
| 5 Oil capacity          | Dry Refill with Filter<br>ℓ (US.qts., Imp.qts.)        | 13.0 (13.74, 11.44)             | 7.3 (7.72, 6.42) |
|                         | Drain & Refill with Filter<br>ℓ (US.qts., Imp.qts.)    | 10.7 (11.31, 9.42)              | 6.7 (7.08, 5.90) |
|                         | Drain & Refill without Filter<br>ℓ (US.qts., Imp.qts.) | 9.1 ( 9.62, 8.01)               | 5.8 (6.13, 5.10) |
| Oil cooler type         |                                                        | Built-in, water-cooled          |                  |

Engine – Cooling System

|                            |                    |                            |                     |
|----------------------------|--------------------|----------------------------|---------------------|
| System                     |                    | Water-cooled, V-belt drive |                     |
| Fan                        | Number of blades   | 8                          | 6                   |
|                            | Diameter mm (in.)  | 450 (17.72)                | 410 (16.14)         |
|                            | Material           | P.P.G.                     | P.P.                |
| 5 Coupling                 | Type               | Fluid                      | Directly connected  |
|                            | Oil viscosity      | 10,000 cst                 | —                   |
| Water pump type            |                    | Centrifugal, V-belt drive  |                     |
| Radiator core type         |                    | Corrugated fin & tube      |                     |
| 10 Cooling system capacity | with heater * ℓ    | 15.4 (16.28, 13.55)        | 13.3 (14.06, 11.70) |
|                            | without heater * ℓ | 13.0 (13.74, 11.44)        | 11.2 (11.84, 9.86)  |
| Cooling system temperature | Normal °C (°F)     | 82 (179.6)                 |                     |
|                            | Overheat °C (°F)   | 110 (230.0)                |                     |

\* ... ( ) = U.S. qts., Imp. qts.

Engine – Fuel System

|                            |                    |   |
|----------------------------|--------------------|---|
| Carburetor type, No., Make |                    | — |
| Throttle bore dia.         | Primary mm (in.)   | — |
|                            | Secondary mm (in.) | — |
| Main venturi dia.          | Primary mm (in.)   | — |
|                            | Secondary mm (in.) | — |
| 5 Main jet dia.            | Primary mm (in.)   | — |
|                            | Secondary mm (in.) | — |



|    |    |    |
|----|----|----|
| 3F | 2H | 3B |
|----|----|----|

**Engine — Fuel System (Continued)**

|                         |                           |          |                         |                   |
|-------------------------|---------------------------|----------|-------------------------|-------------------|
| Slow jet dia.           | Primary                   | mm (in.) | 0.65 (0.026)            | —                 |
|                         | Secondary                 | mm (in.) | 0.90 (0.035)            | —                 |
| Power jet dia.          |                           | mm (in.) | 1.10 (0.043)            | —                 |
| Economizer jet dia.     |                           | mm (in.) | 1.55 (0.061)            | —                 |
| 5 Fuel injection system | Fuel injection type       |          | —                       |                   |
|                         | Injection pump type, Make |          | —                       |                   |
|                         | Delivered quantity        |          | ℓ/h                     | —                 |
| Choke type              |                           |          | Manual                  | —                 |
| Fuel pump type          |                           |          | Diaphragm               | —                 |
| Fuel filter type        |                           |          | Paper                   |                   |
| 10                      | Fuel tank capacity        |          | ℓ (US. gal., Imp. gal.) | 90 (23.78, 19.80) |

**Engine — Fuel System (Diesel)**

|                  |                       |          |             |                |
|------------------|-----------------------|----------|-------------|----------------|
| Injection timing |                       | —        | 18° BTDC    | 14° BTDC       |
| Injection order  |                       | —        | 1-4-2-6-3-5 | 1-3-4-2        |
| Fuel pump type   |                       | —        | Plunger     |                |
| 5 Injection pump | Type                  | —        | BOSCH       | BOSCH, in-line |
|                  | Make                  | —        | ND          |                |
|                  | Plunger dia.          | mm (in.) | —           | 7.0 (0.28)     |
|                  | Cam lift              | mm (in.) | —           | 8.0 (0.32)     |
|                  | Automatic timer type  |          | —           | Centrifugal    |
|                  | Injection nozzle type |          | —           | Throttle       |
|                  | Nozzle dia.           | mm (in.) | —           | 1.00 (0.04)    |
| 10               | Injection pressure    |          | kPa         | —              |
| Glow plug        | Type                  | —        | Sheathed    |                |
|                  | V & Amp               |          | —           | 10.5 & 8.5     |

**Engine — Fuel**

|               |              |            |
|---------------|--------------|------------|
| Octane number | 83*1    91*2 | —          |
| Cetane number | —            | 50 or more |

\*1 ... Motor Octane Number  
\*2 ... Research Octane Number



TOYOTA  
TECHNICAL SPECIFICATIONS

|    |    |    |
|----|----|----|
| 3F | 2H | 3B |
|----|----|----|

Engine — Ignition System

|                 |                    |                            |   |
|-----------------|--------------------|----------------------------|---|
| Ignition type   |                    | Ignition type              | — |
| Ignition timing |                    | 7° BTDC                    | — |
| Firing order    |                    | 1-5-3-6-2-4                | — |
| 5 Spark plug    | Model              | W14EX-U, BP4EY             | — |
|                 | Make               | ND NGK                     | — |
|                 | Dia. — length      | mm (in.) 14-19 (0.55-0.75) | — |
|                 | Gap                | mm (in.) 0.8 (0.032)       | — |
| 10 Distributor  | Heel gap           | mm (in.) 0.3 (0.012)       | — |
|                 | Cam closing angle  | degree 41                  | — |
|                 | Point pressure     | g 500                      | — |
|                 | Condenser capacity | μF 0.22                    | — |

Engine — Electrical System

|                     |                    |                                                  |                 |           |
|---------------------|--------------------|--------------------------------------------------|-----------------|-----------|
| Battery             | Model, No.         | 48D26R; 75D31R,* 1                               | 75D31R, 1       | 75D31L, 1 |
|                     | Voltage & Amp. hr. | 12-50, 70*                                       | 12-70           |           |
|                     | Specific gravity   | 1.25 ~ 1.27                                      |                 |           |
|                     | Terminal grounded  | Negative                                         |                 |           |
| 5 Alternator output | Watts              | 480, 600*, 780*<br>540* (only for wagon G model) | 480, 660*, 960* | 480       |
| Starter output      | KW                 | 1.0                                              | 2.5             |           |

\* ... Option  
Ampere Hour is the reading at 20-hour run.



|    |    |    |
|----|----|----|
| 3F | 2H | 3B |
|----|----|----|

Engine — Electrical (Continued)

| Engine Model | CENTRIFUGAL ADVANCE<br>Distributor Degrees at Distributor RPM |                 | VACUUM ADVANCE<br>Distributor Degrees at kPa of Mercury |                |
|--------------|---------------------------------------------------------------|-----------------|---------------------------------------------------------|----------------|
|              | Start                                                         | Maximum         | Start                                                   | Maximum        |
| 3F           | 0° / 500 rpm                                                  | 12° / 1,900 rpm | 0° / 10.7 kPa                                           | 12° / 48.0 kPa |
| 2H           | —                                                             | —               | —                                                       | —              |
| 3B           | —                                                             | —               | —                                                       | —              |

Engine — Electrical — Suppression

|          |                                  |   |
|----------|----------------------------------|---|
| Type     | Resistive cord                   | — |
| Make     | YAZAKI                           | — |
| Material | Rubber                           | — |
| Mark     | YAZAKI 1984 R-16<br>AIRP-B ~w-16 | — |



TOYOTA  
TECHNICAL SPECIFICATIONS

| 3F          |             |             |
|-------------|-------------|-------------|
| 4-Speed M/T | 5-Speed M/T | 4-Speed A/T |

Drive Units – Clutch (Manual Transmission)

|                                |                                           |                                     |   |
|--------------------------------|-------------------------------------------|-------------------------------------|---|
| Make & type                    |                                           | AISIN, Dry type single plate clutch | — |
| Type of pressure plate springs |                                           | Diaphragm                           | — |
| No. of clutch driven discs     |                                           | 1                                   | — |
| 5 Clutch facing                | Outside & inside dia. mm (in.)            | 275 x 175 (10.83 x 6.89)            | — |
|                                | Thickness mm (in.)                        | 3.5 (0.14)                          | — |
|                                | Total eff. area cm <sup>2</sup> (sq. in.) | 353 (54.72)                         | — |
| Weight                         | Clutch cover kg (lb.)                     | 9.130 (20.1)                        | — |
|                                | Clutch disc kg (lb.)                      | 1.825 (4.02)                        | — |

Drive Units – Manual Transmission

|                                   |                           |                     |                     |   |
|-----------------------------------|---------------------------|---------------------|---------------------|---|
| Number of forward speeds          |                           | 4                   | 5                   | — |
| Shift lever location              |                           | Floor shift         |                     | — |
| 5 Gear ratio                      | In-first                  | 4.843 (synchromesh) |                     | — |
|                                   | In-second                 | 2.618 (synchromesh) |                     | — |
|                                   | In-third                  | 1.516 (synchromesh) |                     | — |
|                                   | In-fourth                 | 1.000 (synchromesh) |                     | — |
|                                   | In-fifth                  | —                   | 0.845 (synchromesh) | — |
|                                   | Extra low (4WD)           | —                   |                     | — |
|                                   | In-reverse                | 4.843               |                     | — |
| Synchronous meshing specify gears |                           | 4                   | 5                   | — |
| 10 Oil capacity                   | liter (US.qts., Imp.qts.) | 3.5 (3.70, 3.08)    | 4.9 (5.18, 4.31)    | — |
| Transmission weight               |                           | 59 (130.1)          | 61 (134.5)          | — |

Drive Units – Automatic Transmission

|                     |                           |   |                                  |
|---------------------|---------------------------|---|----------------------------------|
| Type                |                           | — | Hydraulic control planetary gear |
| Selector location   |                           | — | Floor shift                      |
| 5 Gear ratio        | In-first                  | — | 2.950                            |
|                     | In-second                 | — | 1.530                            |
|                     | In-third                  | — | 1.000                            |
|                     | In-fourth                 | — | 0.717                            |
|                     | In-reverse                | — | 2.678                            |
| Torque converter    | Number of elements        | — | 3                                |
|                     | Max. ratio at stall       | — | 1.880                            |
|                     | Weight kg (lb.)           | — | 19.2 (42.3)                      |
| 10 Oil capacity     | liter (US.qts., Imp.qts.) | — | 15 (15.75, 13.20)                |
| Transfer box weight |                           | — | 100 (220.5)                      |



| 2H          |             | 3B          |             |
|-------------|-------------|-------------|-------------|
| 4-Speed M/T | 5-Speed M/T | 4-Speed M/T | 5-Speed M/T |

**Drive Units – Clutch (Manual Transmission)**

| AISIN, Dry type single plate clutch |                          |
|-------------------------------------|--------------------------|
| Diaphragm                           |                          |
| 1                                   |                          |
| 275 x 175 (10.83 x 6.89)            | 260 x 170 (10.24 x 6.69) |
| 3.5 (0.14)                          |                          |
| 353 (54.72)                         | 304 (47.12)              |
| 9.130 (20.1)                        | 8.070 (17.8)             |
| 2.050 (4.52)                        | 1.925 (4.24)             |

**Drive Units – Manual Transmission**

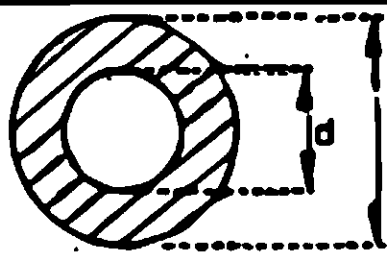
|                     |                     |                     |                  |                     |
|---------------------|---------------------|---------------------|------------------|---------------------|
|                     | 4                   | 5                   | 4                | 5                   |
| Floor shift         |                     |                     |                  |                     |
| 4.843 (synchromesh) |                     |                     |                  |                     |
| 2.618 (synchromesh) |                     |                     |                  |                     |
| 1.516 (synchromesh) |                     |                     |                  |                     |
| 5                   | 1.000 (synchromesh) |                     |                  |                     |
|                     | —                   | 0.845 (synchromesh) | —                | 0.845 (synchromesh) |
| —                   |                     |                     |                  |                     |
| 4.843               |                     |                     |                  |                     |
|                     | 4                   | 5                   | 4                | 5                   |
| 10                  | 3.5 (3.70, 3.08)    | 4.9 (5.18, 4.31)    | 3.5 (3.70, 3.08) | 4.9 (5.18, 4.31)    |
|                     | 59 (130.1)          | 61 (134.5)          | 59 (130.1)       | 61 (134.5)          |

**Drive Units – Automatic Transmission**

|    |   |
|----|---|
|    | — |
|    | — |
|    | — |
|    | — |
|    | — |
| 5  | — |
|    | — |
|    | — |
|    | — |
|    | — |
| 10 | — |
|    | — |
|    | — |



TOYOTA  
TECHNICAL SPECIFICATIONS

|                                                              |                                        |                           |                                                                                            |             |                                                                                               |
|--------------------------------------------------------------|----------------------------------------|---------------------------|--------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------|
|                                                              |                                        |                           | 3F                                                                                         |             |                                                                                               |
|                                                              |                                        |                           | 4-Speed M/T                                                                                | 5-Speed M/T | 4-Speed A/T                                                                                   |
| Drive Units – Transfer                                       |                                        |                           |                                                                                            |             |                                                                                               |
| Shift lever location                                         |                                        |                           | Floor shift                                                                                |             |                                                                                               |
| Gear ratios                                                  | Low                                    |                           | 1.963                                                                                      |             |                                                                                               |
|                                                              | High                                   |                           | 1.000                                                                                      |             |                                                                                               |
| Oil capacity                                                 |                                        | ℓ(US. qts., Imp. qts.)    | 2.2 (2.33, 1.94)                                                                           |             | 2.1 (2.22, 1.85)                                                                              |
| Transfer weight                                              |                                        | kg(lb)                    | 36.4 (80.3)                                                                                |             | 37.7 (83.1)                                                                                   |
| Drive Units – Differential                                   |                                        |                           |                                                                                            |             |                                                                                               |
| Housing type                                                 |                                        |                           | Banjo                                                                                      |             |                                                                                               |
| Gear type                                                    |                                        |                           | Hypoid gear                                                                                |             |                                                                                               |
| Axle ratio                                                   |                                        |                           | 3.700 Opt.: 3.700 (LSD), 3.700 (w/diff. lock),<br>4.111, 4.111 (LSD), 4.111 (w/diff. lock) |             | 4.111 Opt.: 4.111 (LSD),<br>4.111 (w/diff. lock)                                              |
| No. of pinion                                                |                                        |                           | 2 4*                                                                                       |             |                                                                                               |
| Size of ring gear                                            |                                        | mm (in.)                  | 241.3 (9.5)                                                                                |             |                                                                                               |
| Oil capacity                                                 |                                        | liter (US.qts., Imp.qts.) | Front: 3.0 (3.17, 2.64) Rear: 2.5 (2.64, 2.20)                                             |             |                                                                                               |
| Drive Units – Propeller Shaft                                |                                        |                           | * ..... Opt.: limited slip diff. or Diff. lock                                             |             |                                                                                               |
| Number used                                                  |                                        |                           | 2                                                                                          |             |                                                                                               |
| Length x Outer dia. x Inner dia.                             |                                        | mm (in.)                  | Front: 580 x 65 x 61.8 (22.8 x 2.6x 2.4)<br>Rear: 998.5 x 68.9 x 64.3 (39.3 x 2.7 x 2.5)   |             | Front: 731 x 65 x 61.8<br>(28.8 x 2.6 x 2.4)<br>Rear: 852 x 68.9 x 64.3<br>(33.5 x 2.7 x 2.5) |
| Universal joints                                             | Number used                            |                           | Front: 2 Rear: 2                                                                           |             |                                                                                               |
|                                                              | Type                                   |                           | Cross                                                                                      |             |                                                                                               |
| 5 Axle – Front                                               |                                        |                           |                                                                                            |             |                                                                                               |
| Make & Type                                                  |                                        |                           | TOYOTA, Full-floating                                                                      |             |                                                                                               |
| Weight (incl. hubs, brakes, wheels, tyres, but less springs) |                                        | kg (lb.)                  | 205 (457)                                                                                  |             |                                                                                               |
| Distance                                                     | Center of RH & LH springs mm (in.)     |                           | 746 (29.4)                                                                                 |             |                                                                                               |
|                                                              | Center of RH & LH kingpins mm (in.)    |                           | 1,232 (48.5)                                                                               |             |                                                                                               |
| 5                                                            | Profile                                |                           |       |             |                                                                                               |
|                                                              | Dimensions mm (in.)                    |                           |                                                                                            |             |                                                                                               |
|                                                              | Web thickness mm (in.)                 |                           | —                                                                                          |             |                                                                                               |
|                                                              | Flange thickness mm (in.)              |                           | —                                                                                          |             |                                                                                               |
|                                                              | Axle beam                              | Strength modulus          | Vertical mm³                                                                               | 24,030      |                                                                                               |
| Horizontal mm³                                               |                                        |                           | 24,030                                                                                     |             |                                                                                               |
| 10                                                           | Mechanical property                    | Material                  | SHP50 (TSG3101)                                                                            |             |                                                                                               |
|                                                              |                                        | Yield point kPa           | 3.92 x 10⁵ or more                                                                         |             |                                                                                               |
|                                                              |                                        | Tensile strength kPa      | 4.9 x 10⁵ or more                                                                          |             |                                                                                               |
|                                                              |                                        | Brinell hardness          | —                                                                                          |             |                                                                                               |
| 15                                                           | Make                                   |                           | KOYO                                                                                       |             |                                                                                               |
|                                                              | Type                                   |                           | Taper roller bearing                                                                       |             |                                                                                               |
|                                                              | Size (Outer dia. x Inner dia. x Width) |                           | 1. 82 x 50 x 21.5 (3.23 x 1.97 x 0.85)                                                     |             |                                                                                               |
|                                                              | 1. Inner bearing                       |                           | 2. 73.431 x 45.242 x 19.558 (2.89 x 1.78 x 0.77)                                           |             |                                                                                               |
|                                                              | 2. Outer bearing mm (in.)              |                           |                                                                                            |             |                                                                                               |
| 20                                                           | Part No.                               |                           | 1. 90368-49084                                                                             |             |                                                                                               |
|                                                              | 1. Inner bearing                       |                           | 2. 90368-45087                                                                             |             |                                                                                               |
| 2. Outer bearing                                             |                                        |                           |                                                                                            |             |                                                                                               |



| 2H          |             | 3B          |             |
|-------------|-------------|-------------|-------------|
| 4-Speed M/T | 5-Speed M/T | 4-Speed M/T | 5-Speed M/T |

Drive Units — Transfer

|                  |
|------------------|
| Floor shift      |
| 1.963            |
| 1.000            |
| 2.2 (2.33, 1.94) |
| 36.4 (80.3)      |

5 Drive Units — Differential

|                                                                                            |                         |
|--------------------------------------------------------------------------------------------|-------------------------|
| Banjo                                                                                      |                         |
| Hypoid gear                                                                                |                         |
| 3.700 Opt.: 3.700 (LSD), 3.700 (w/diff. lock),<br>4.111, 4.111 (LSD), 4.111 (w/diff. lock) | 4.111 Opt.: 4.111 (LSD) |
| 2 4*                                                                                       |                         |
| 241.3 (9.5)                                                                                |                         |

5 Front: 3.0 (3.17, 2.64) Rear: 2.5 (2.64, 2.20)

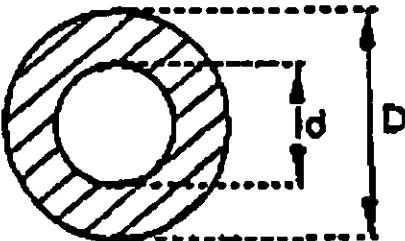
Drive Units — Propeller Shaft

|                                                                                           |
|-------------------------------------------------------------------------------------------|
| 2                                                                                         |
| Front: 580 x 65 x 61.8 (22.8 x 2.6 x 2.4)<br>Rear: 998.5 x 68.9 x 64.3 (39.3 x 2.7 x 2.5) |
| Front: 2 Rear: 2                                                                          |
| Cross                                                                                     |

5 Axle — Front

|                       |
|-----------------------|
| TOYOTA, Full-floating |
| 205 (457)             |
| 746 (29.4)            |
| 1,232 (48.5)          |

5



D: 80 (3.15)  
d: 68 (2.67)

|        |
|--------|
| —      |
| —      |
| 24,030 |
| 24,030 |

10 SHP50 (TSG3101)  
3.92 x 10<sup>5</sup> or more  
4.9 x 10<sup>5</sup> or more

|      |
|------|
| —    |
| KOYO |

15 Taper roller bearing

|                                                                                            |
|--------------------------------------------------------------------------------------------|
| 1. 82 x 50 x 21.5 (3.23 x 1.97 x 0.85)<br>2. 73.431 x 45.242 x 19.558 (2.89 x 1.78 x 0.77) |
| 1. 90368-49084<br>2. 90368-45087                                                           |



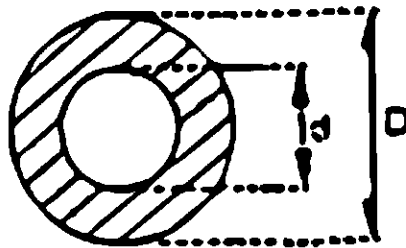
TOYOTA  
TECHNICAL SPECIFICATIONS

|       |         |
|-------|---------|
| Wagon | Wagon G |
|-------|---------|

Axle – Front (Continued)

|    |                                  |                  |          |                                             |    |
|----|----------------------------------|------------------|----------|---------------------------------------------|----|
| 5  | Wheel alignment                  | Toe-in           | mm (in.) | Bias tire: 4 (0.16) Radial tire: –1 (–0.04) |    |
|    |                                  | Camber           | degree   | 60                                          |    |
|    |                                  | Caster           | degree   | 65                                          | 50 |
|    |                                  | Kingpin angle    | degree   | 9.5                                         |    |
|    |                                  | Turning angle    | degree   | 21                                          |    |
| 10 | Permissible tolerance & end play | Kingpin          | axial    | mm (in.)                                    | –  |
|    |                                  |                  | radial   | mm (in.)                                    | –  |
|    |                                  | Lower ball joint | axial    | mm (in.)                                    | –  |
|    |                                  |                  | radial   | mm (in.)                                    | –  |
|    |                                  | Steering ball    | axial    | mm (in.)                                    | –  |
|    |                                  |                  | radial   | mm (in.)                                    | –  |

Axle – Rear

|                                                                       |                  |                                        |                  |                                                                                       |                                         |  |
|-----------------------------------------------------------------------|------------------|----------------------------------------|------------------|---------------------------------------------------------------------------------------|-----------------------------------------|--|
| Make & type                                                           |                  |                                        |                  | TOYOTA, Semi-floating                                                                 |                                         |  |
| Weight (incl. hubs, brakes, wheels, tyres, but less springs) kg (lb.) |                  |                                        |                  | 166 (366)                                                                             |                                         |  |
| Distance (Center of RH & LH springs) mm (in.)                         |                  |                                        |                  | 1,030 (40.55)                                                                         |                                         |  |
| 5<br><br><br><br><br><br><br>10                                       | Axle housing     | Profile of section                     |                  |  | D: 80 (3.15)                            |  |
|                                                                       |                  | Dimensions mm (in.)                    |                  |                                                                                       | d: 68 (2.68)                            |  |
|                                                                       |                  | Strength modulus                       | Vertical         | mm <sup>3</sup>                                                                       | 24,030                                  |  |
|                                                                       |                  |                                        | Horizontal       | mm <sup>3</sup>                                                                       | 24,030                                  |  |
|                                                                       |                  | Mechanical property                    | Material         |                                                                                       | SHP50 (TSG501)                          |  |
|                                                                       |                  |                                        | Yield point      | kPa                                                                                   | 3.92 x 10 <sup>5</sup> or more          |  |
|                                                                       |                  |                                        | Tensile strength | kPa                                                                                   | 4.9 x 10 <sup>5</sup> or more           |  |
|                                                                       |                  |                                        | Brinell hardness | —                                                                                     |                                         |  |
| Min. dia. of rear axle shaft mm (in.)                                 |                  |                                        |                  | 30.691 (1.21)                                                                         |                                         |  |
| 15                                                                    | Axle bearing     | Make                                   |                  | KOYO                                                                                  |                                         |  |
|                                                                       |                  | Type                                   |                  | Cylindrical roller bearing                                                            |                                         |  |
|                                                                       |                  | Size (Outer dia. x Inner dia. x width) |                  | 1.                                                                                    | —                                       |  |
|                                                                       |                  | 1. Inner<br>2. Outer mm (in.)          |                  | 2.                                                                                    | 70.644 x 47.5 x 27 (2.78 x 1.87 x 1.06) |  |
| 20                                                                    | Axle parallelism | Part No.                               |                  | 1.                                                                                    | —                                       |  |
|                                                                       |                  | 1. Inner bearing<br>2. Outer bearing   |                  | 2.                                                                                    | 90365-47013                             |  |
| Axle parallelism mm (in.)                                             |                  |                                        |                  | ±10 (±0.39)                                                                           |                                         |  |



|       |         |
|-------|---------|
| Wagon | Wagon G |
|-------|---------|

Suspension — Front

| Suspension type and description |                     |                                                                      | Axle type, Semi-elliptic leaf spring                                                                                                                                                                                                                                                                                                                                                            |                                     |
|---------------------------------|---------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| 5                               | Main<br>springs     | Size (wire dia. x coil dia. x length-effective windings)<br>mm (in.) | —                                                                                                                                                                                                                                                                                                                                                                                               |                                     |
|                                 |                     | Spring rate                      kg/mm                               | —                                                                                                                                                                                                                                                                                                                                                                                               |                                     |
|                                 |                     | Material                                                             | —                                                                                                                                                                                                                                                                                                                                                                                               |                                     |
|                                 |                     | Yield point                      kg/mm <sup>2</sup>                  | —                                                                                                                                                                                                                                                                                                                                                                                               |                                     |
|                                 |                     | Tensile strength                kg/mm <sup>2</sup>                   | —                                                                                                                                                                                                                                                                                                                                                                                               |                                     |
|                                 |                     | Brinell hardness                                                     | —                                                                                                                                                                                                                                                                                                                                                                                               |                                     |
| 10                              | Leaf                | Size (length x sidth x thick-<br>ness-leaves)<br>mm (in.)            | $1,100 \times 70 \times \begin{smallmatrix} 6 & -3 \\ 7 & -2 \end{smallmatrix} \left( 43.3 \times 2.8 \times \begin{smallmatrix} 0.24 & -3 \\ 0.28 & -2 \end{smallmatrix} \right)$ $1,100 \times 70 \times \begin{smallmatrix} 6 & -3 \\ 7 & -2 \\ 13 & -1 \end{smallmatrix} \left( 43.3 \times 2.8 \times \begin{smallmatrix} 0.24 & -3 \\ 0.28 & -2 \\ 0.51 & -1 \end{smallmatrix} \right)^*$ |                                     |
|                                 |                     | Spring rate                      N/mm                                | 42.1                                                                                                                                                                                                                                                                                                                                                                                            |                                     |
|                                 |                     | Material                                                             | SUP 6                                                                                                                                                                                                                                                                                                                                                                                           |                                     |
|                                 |                     | Yield point                      kPa                                 | 1.08 x 10 <sup>6</sup> or more                                                                                                                                                                                                                                                                                                                                                                  |                                     |
|                                 |                     | Tensile strength                kPa                                  | 1.23 x 10 <sup>6</sup> or more                                                                                                                                                                                                                                                                                                                                                                  |                                     |
|                                 |                     | Brinell hardness                                                     | 388 ~ 461                                                                                                                                                                                                                                                                                                                                                                                       |                                     |
| 15                              | Auxiliary<br>spring | Size                                      mm (in.)                   | —                                                                                                                                                                                                                                                                                                                                                                                               |                                     |
|                                 |                     | Spring rate                              kg/mm                       | —                                                                                                                                                                                                                                                                                                                                                                                               |                                     |
|                                 |                     | Material                                                             | —                                                                                                                                                                                                                                                                                                                                                                                               |                                     |
|                                 |                     | Yield point                              kg/mm <sup>2</sup>          | —                                                                                                                                                                                                                                                                                                                                                                                               |                                     |
|                                 |                     | Tensile strength                        kg/mm <sup>2</sup>           | —                                                                                                                                                                                                                                                                                                                                                                                               |                                     |
|                                 |                     | Brinell hardness                                                     | —                                                                                                                                                                                                                                                                                                                                                                                               |                                     |
| 20                              | Stabilizer          | Type                                                                 | Torsion bar                                                                                                                                                                                                                                                                                                                                                                                     |                                     |
|                                 |                     | Bar diameter                              mm (in.)                   | 19 (0.75)                                                                                                                                                                                                                                                                                                                                                                                       |                                     |
|                                 |                     | Arm length                                mm (in.)                   | —                                                                                                                                                                                                                                                                                                                                                                                               |                                     |
|                                 |                     | Bar length                                mm (in.)                   | —                                                                                                                                                                                                                                                                                                                                                                                               |                                     |
|                                 |                     | No. of bars                                                          | —                                                                                                                                                                                                                                                                                                                                                                                               |                                     |
| 25                              | Shock<br>absorber   | Type                                                                 | Double-acting hydraulic telescopic                                                                                                                                                                                                                                                                                                                                                              |                                     |
|                                 |                     | Dumping force at 0.3 m/sec. of piston<br>speed (N/mm)                | Rebound: 1,569<br>Bound:        657                                                                                                                                                                                                                                                                                                                                                             | Rebound: 1,569<br>Bound:        539 |

\* ... HJ60 series



TOYOTA  
TECHNICAL SPECIFICATIONS

|       |         |
|-------|---------|
| Wagon | Wagon G |
|-------|---------|

Suspension – Rear

| Suspension type and description                                                       |                |                  | Axle type, Semi-elliptic leaf spring                              |                                                                                         |                                                                                            |
|---------------------------------------------------------------------------------------|----------------|------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 5<br><br><br><br><br><br><br><br><br><br>10<br><br><br><br><br><br><br><br><br><br>15 | Main spring    | Coil             | Size (wire dia. x coil dia. x length-effective windings) mm (in.) | —                                                                                       |                                                                                            |
|                                                                                       |                |                  | Spring rate kg/mm                                                 | —                                                                                       |                                                                                            |
|                                                                                       |                |                  | Material                                                          | —                                                                                       |                                                                                            |
|                                                                                       |                |                  | Yield point kg/mm <sup>2</sup>                                    | —                                                                                       |                                                                                            |
|                                                                                       |                |                  | Tensile strength kg/mm <sup>2</sup>                               | —                                                                                       |                                                                                            |
|                                                                                       |                |                  | Brinell hardness                                                  | —                                                                                       |                                                                                            |
|                                                                                       |                | Leaf             | Size (length x width x thickness-leaves) mm (in.)                 | 1,200x70x $\frac{7-5}{6-3} \left( 47.2 \times 2.8 \times \frac{0.28-5}{0.24-3} \right)$ | 1,200 x 70 x $\frac{7-5}{6-2} \left( 47.2 \times 2.8 \times \frac{0.28-5}{0.24-2} \right)$ |
|                                                                                       |                |                  | Spring rate N/mm                                                  | 54.9, 98 (W / helper spring)                                                            | 53.9                                                                                       |
|                                                                                       |                |                  | Material                                                          | SUP 6                                                                                   |                                                                                            |
|                                                                                       |                |                  | Yield point kPa                                                   | 1.09 x 10 <sup>6</sup> or more                                                          |                                                                                            |
|                                                                                       |                |                  | Tensile strength kPa                                              | 1.23 x 10 <sup>6</sup> or more                                                          |                                                                                            |
|                                                                                       |                |                  | Brinell hardness                                                  | 388 ~ 461                                                                               |                                                                                            |
|                                                                                       | 20             | Auxiliary spring |                                                                   | Size mm (in.)                                                                           | —                                                                                          |
|                                                                                       |                |                  |                                                                   | Spring rate kg/mm                                                                       | —                                                                                          |
|                                                                                       |                |                  |                                                                   | Material                                                                                | —                                                                                          |
|                                                                                       |                |                  | Yield point kg/mm <sup>2</sup>                                    | —                                                                                       |                                                                                            |
|                                                                                       |                |                  | Tensile strength kg/mm <sup>2</sup>                               | —                                                                                       |                                                                                            |
|                                                                                       |                |                  | Brinell hardness                                                  | —                                                                                       |                                                                                            |
| 25                                                                                    | Stabilizer     |                  | Type                                                              | — Torsion bar                                                                           |                                                                                            |
|                                                                                       |                |                  | Bar diameter mm (in.)                                             | — 21 (0.83)                                                                             |                                                                                            |
|                                                                                       |                |                  | Arm length mm (in.)                                               | —                                                                                       |                                                                                            |
|                                                                                       |                |                  | Bar length mm (in.)                                               | —                                                                                       |                                                                                            |
|                                                                                       |                |                  | No. of bars                                                       | —                                                                                       |                                                                                            |
| 30                                                                                    | Shock absorber |                  | Type                                                              | Double-acting hydraulic telescopic                                                      |                                                                                            |
|                                                                                       |                |                  | Dumping force at 0.3 m/sec. of piston speed (N/mm)                | Rebound: 1,765 Bound: 539                                                               |                                                                                            |



|            |
|------------|
| All Models |
|------------|

Steering

|                                      |                                |          |                                                         |
|--------------------------------------|--------------------------------|----------|---------------------------------------------------------|
| Manual (STD, OPT)                    |                                |          | STD                                                     |
| Power (STD, OPT, NA)                 |                                |          | OPT                                                     |
| Wheel diameter                       | Manual                         | mm (in.) | 430 (16.93)                                             |
|                                      | Power                          | mm (in.) | P.P. : 400 (15.75) Urethan : 410 (16.14) (Wagon G only) |
| 5<br>Manual                          | Gear                           | Type     | Ball nut                                                |
|                                      |                                | Ratio    | 22.3 ~ 25.5                                             |
|                                      | No. wheel turns (Stop to Stop) |          | 4.3                                                     |
|                                      | Oil capacity c.c.              |          | 510                                                     |
| 10<br>Power                          | Type, Make                     |          | Integral, TOYODA KOKI                                   |
|                                      | Gear                           | Type     | Ball nut                                                |
|                                      |                                | Ratio    | 19.13                                                   |
|                                      | No. wheel turns (Stop to Stop) |          | 3.6                                                     |
|                                      | Oil capacity c.c.              |          | 810                                                     |
| 15<br>Steering angle                 | Inner                          | degree   | 32 30*                                                  |
|                                      | Outer                          | degree   | 30 28*                                                  |
| Free play of steering wheel mm (in.) |                                |          | —                                                       |
| Dia. of tie rod mm (in.)             |                                |          | Outer dia.: 29 (1.14) Inner dia.: 20 (0.79)             |
| Dia. of pitman arm shaft mm (in.)    |                                |          | Manual steering: 36 (1.42) Power steering: 32 (1.26)    |

\* .....With 9.00-15-6 or 9.00-16-6 tire

Brakes — Parking

|                                 |                                          |          |                                           |
|---------------------------------|------------------------------------------|----------|-------------------------------------------|
| Type                            |                                          |          | Mechanical brake operating on rear wheels |
| If separate from service brakes | Drum diameter                            | mm (in.) | 295.0 (11.61)                             |
|                                 | Lining size (length x width x thickness) | mm (in.) | 296 x 60 x 7 (11.65 x 2.36 x 0.28)        |
|                                 | Total eff-area cm <sup>2</sup> (sq.in.)  |          | 178 (27.6) x 2 x 2                        |



# TOYOTA TECHNICAL SPECIFICATIONS

|    |    |    |
|----|----|----|
| 3F | 2H | 3B |
|----|----|----|

## Brakes — Service

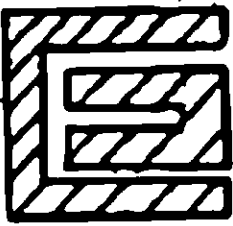
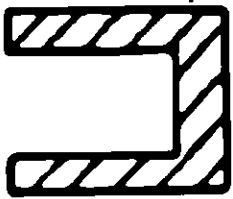
|                                                       |                        |                                           |                                                      |                                          |
|-------------------------------------------------------|------------------------|-------------------------------------------|------------------------------------------------------|------------------------------------------|
| Brake                                                 | Type                   | Front                                     | Hydraulic drum with vacuum booster    Opt.: disc     |                                          |
|                                                       |                        | Rear                                      | Hydraulic drum with vacuum booster                   |                                          |
|                                                       | Mechanism              | Front                                     | Two-leading    Opt.: Fixed-caliper, opposed cylinder |                                          |
|                                                       |                        | Rear                                      | Leading and trailing                                 |                                          |
| Self adjusting (STD, OPT, NA)                         |                        |                                           | STD                                                  |                                          |
| Special valving<br>Type (proportion, L.S.P.V., other) |                        |                                           | Opt.: P & B valve<br>LSP & B valve*                  |                                          |
| Brake lining                                          | Front Wheel            | Make & material                           | NISSINBO or AKEBONO    Opt.: SUMITOMO, Resin molded  |                                          |
|                                                       |                        | Size (L x W x T)    mm (in.)              | 283 x 75 x 7<br>(11.1 x 3.0 x 0.3)                   | Opt.: 106 x 53 x 10<br>(4.2 x 2.1 x 0.4) |
|                                                       |                        | Area    cm <sup>2</sup> (sq.in.)          | 212 (32.9) x 2 x 2                                   | Opt.: 46 (7.1) x 2 x 2                   |
|                                                       |                        | Friction area    cm <sup>2</sup> (sq.in.) | —                                                    |                                          |
|                                                       | Rear Wheel             | Make & material                           | NISSINBO or AKEBONO, Resin molded                    |                                          |
|                                                       |                        | Size (L x W x T)    mm (in.)              | 296 x 60 x 7 (11.7 x 2.4 x 0.3)                      |                                          |
|                                                       |                        | Area    cm <sup>2</sup> (sq.in.)          | 178 (27.6) x 2 x 2                                   |                                          |
|                                                       |                        | Friction area    cm <sup>2</sup> (sq.in.) | —                                                    |                                          |
| Drum diameter                                         |                        | Front    mm (in.)                         | 295.0 (11.6)                                         |                                          |
|                                                       |                        | Rear    mm (in.)                          | 295.0 (11.6)                                         |                                          |
| Rotor                                                 | Outer diameter         | Front    mm (in.)                         | Opt.: 302.0 (11.9)                                   |                                          |
|                                                       |                        | Rear    mm (in.)                          | —                                                    |                                          |
|                                                       | Lever arm              | Front    mm (in.)                         | Opt.: 127.0 ( 5.0)                                   |                                          |
|                                                       |                        | Rear    mm (in.)                          | —                                                    |                                          |
| Wheel cylinder bore                                   | Front    mm (in.)      | 31.75 (1.25)                              | Opt.: 42.85 + 33.96 (1.69 + 1.34)                    |                                          |
|                                                       | Rear    mm (in.)       | 25.40 (1.00)                              |                                                      |                                          |
| Master cylinder                                       | Type                   | Tandem                                    |                                                      |                                          |
|                                                       | Bore    mm (in.)       | 26.99 (1.06)                              | Opt.: 22.22 (0.87)                                   |                                          |
| Booster                                               | Make & Type            | AISIN or JIDOSHAKIKI, Vacuum booster      |                                                      |                                          |
|                                                       | Servo ratio            | —                                         |                                                      |                                          |
| Brake pipe                                            | Face treatment         | inner                                     | Copper-electroplated                                 |                                          |
|                                                       |                        | outer                                     | Zinc-electroplated and resin-coating                 |                                          |
|                                                       | Thickness of treatment | inner    mm (in.)                         | 0.0025 (0.0001) or more                              |                                          |
|                                                       |                        | outer    mm (in.)                         | 0.025 (0.0009) or more                               |                                          |

\* ..... South Africa spec.: FJ62RV-KC, FJ62RG-K, -M,  
HJ60RV-KC, HJ60RG-K



|            |
|------------|
| All Models |
|------------|

Frame

| Type and description |                                            | Ladder type, Box section         |                                                                                       |
|----------------------|--------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
| 5                    | Side member                                | Material                         | SHP 45                                                                                |
|                      |                                            | Yield point kPa                  | 2.94 x 10 <sup>5</sup> or more                                                        |
|                      |                                            | Tensile strength kPa             | 4.41 x 10 <sup>5</sup> or more                                                        |
|                      |                                            | Brinell harness                  | -                                                                                     |
| 10                   | Side member max. section part              | Cross-sectional shape            |  |
|                      |                                            | Dimension mm (in.)               | 134 x 45 x 4.5 (5.28 x 1.77 x 0.18), 125 x 17 x 3.2 (4.92 x 0.67 x 0.13)              |
|                      |                                            | Strength modulus mm <sup>3</sup> | 48,948                                                                                |
| 10                   | Side member section at rear spring shackle | Cross-sectional shape            |  |
|                      |                                            | Dimension mm (in.)               | 100 x 55 x 4.5 (3.94 x 2.17 x 0.18), 91 x 45 x 3.2 (3.58 x 1.77 x 0.13)               |
|                      |                                            | Strength modulus mm <sup>3</sup> | 42,576                                                                                |
| 15                   | Reinforcement (if installed)               | Cross-sectional shape            | -                                                                                     |
|                      |                                            | Dimension mm (in.)               | -                                                                                     |
|                      |                                            | Installed position               | -                                                                                     |



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Table with 2 columns: Wagon, Wagon6

Body – Miscellaneous Information

Table with 3 columns: Component (Horn, Wiper, Speedometer, Odometer), Make, Type, Specification

\*1 ... With noise filter
\*2 ..... South Africa spec.: FJ62RV-KC, FJ62RG-K, HJ60RV-KC, HJ60RG-K, and FJ62RG-M (with E-mark)

Glass

Table with 5 columns: Location (Front, Front Door, Rear Door, Door Quarter, Quarter, Rear, Door Ventilator), Glass list No., STD, OPT, Glass list No.

\*1 ..... Left-hand drive models only
\*2 ..... FJ series LHD model and HJ60LG-MZ
\*3 ..... Slide type



**GLASS SPECIFICATION LIST**  
**ASAHI GLASS**

|                    |                      |                       |                  |                   |                                 |
|--------------------|----------------------|-----------------------|------------------|-------------------|---------------------------------|
| No.                | ①                    | ②                     | ③                | ④                 | ⑤                               |
| Material           | Clear, zone-tempered | Tinted, zone-tempered | Clear, laminated | Tinted, laminated | Clear, laminated with top shade |
| Thickness mm (in.) | 5.0 (0.20)           | 5.0 (0.20)            | 5.3 (0.21)       | 5.3 (0.21)        | 5.3 (0.21)                      |

|                    |                                  |                 |                  |                  |                               |
|--------------------|----------------------------------|-----------------|------------------|------------------|-------------------------------|
| No.                | ⑥                                | ⑦               | ⑧                | ⑨                | ⑩                             |
| Material           | Tinted, laminated with top shade | Clear, tempered | Tinted, tempered | Bronze, tempered | Clear, tempered with defogger |
| Thickness mm (in.) | 5.3 (0.21)                       | 4.0 (0.16)      | 4.0 (0.16)       | 4.0 (0.16)       | 3.5 (0.14)                    |

|                    |                                |                                |                                  |                 |                  |
|--------------------|--------------------------------|--------------------------------|----------------------------------|-----------------|------------------|
| No.                | ⑪                              | ⑫                              | ⑬                                | ⑭               | ⑮                |
| Material           | Tinted, tempered with defogger | Bronze, tempered with defogger | Bronze, laminated with top shade | Clear, tempered | Tinted, tempered |
| Thickness mm (in.) | 3.5 (0.14)                     | 3.5 (0.14)                     | 5.3 (0.21)                       | 3.5 (0.14)      | 3.5 (0.14)       |

|                    |                  |
|--------------------|------------------|
| No.                | ⑯                |
| Material           | Bronze, tempered |
| Thickness mm (in.) | 3.5 (0.14)       |



TOYOTA  
TECHNICAL SPECIFICATIONS

|       |         |
|-------|---------|
| Wagon | Wagon G |
|-------|---------|

Lamps

|                     |                          |                        |                  |                                    |                                                                                                                          |       |  |
|---------------------|--------------------------|------------------------|------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------|--|
| 5                   | Front lamps              | Side turn signal lamp  | Make             | KOITO*3                            |                                                                                                                          |       |  |
|                     |                          |                        | Wattage          | 12V – 5W*3                         |                                                                                                                          |       |  |
|                     |                          | Front turn signal lamp | Make             | KOITO                              |                                                                                                                          |       |  |
|                     |                          |                        | Wattage          | 12V – 23W, 21W*3 Opt.: 24V – 25W*4 |                                                                                                                          |       |  |
|                     |                          | Clearance lamp         | Make             | KOITO                              |                                                                                                                          |       |  |
|                     |                          |                        | Wattage          | 12V – 5W Opt.: 24V – 5W*4          |                                                                                                                          |       |  |
|                     | 10                       |                        | Head-lamp        | Out-side                           | Make                                                                                                                     | KOITO |  |
|                     |                          |                        |                  | Wattage                            | 12V – 50/40W*1, 60/50W*2<br>Opt.: 12V – 45/40W (yellow)*2, 60/55W (halogen)*2, 24V – 75/55W, 75/70W*4, 55/50W (yellow)*2 |       |  |
|                     |                          |                        |                  | In-side                            | Make                                                                                                                     | —     |  |
|                     |                          |                        |                  |                                    | Wattage                                                                                                                  | —     |  |
| 15                  | Rear lamps               | Side marker lamp       | Make             | —                                  |                                                                                                                          |       |  |
|                     |                          |                        | Wattage          | —                                  |                                                                                                                          |       |  |
|                     |                          | Reflex reflector       | Make             | KOITO                              |                                                                                                                          |       |  |
|                     |                          |                        | No.              | —                                  |                                                                                                                          |       |  |
|                     |                          | Tail & parking lamp    | Make             | —                                  |                                                                                                                          |       |  |
|                     |                          |                        | Wattage          | —                                  |                                                                                                                          |       |  |
|                     |                          | Rear turn signal lamp  | Make             | KOITO                              |                                                                                                                          |       |  |
|                     |                          |                        | Wattage          | 12V – 23W, 21W*3 Opt.: 24V – 25W*4 |                                                                                                                          |       |  |
|                     | 20                       |                        | Stop & tail lamp | Make                               | KOITO                                                                                                                    |       |  |
|                     |                          |                        |                  | Wattage                            | 12V – 21/5W Opt.: 24V – 21/5W*4                                                                                          |       |  |
|                     |                          | Back-up lamp           | Make             | KOITO                              |                                                                                                                          |       |  |
|                     |                          |                        | Wattage          | 12V – 23W, 21W*3 Opt.: 24V – 25W*4 |                                                                                                                          |       |  |
|                     |                          | Licence plate lamp     | Make             | KOITO —                            |                                                                                                                          |       |  |
|                     |                          |                        | Wattage          | 12V – 10W Opt.: 24V – 10W*4        | 12V – 5W                                                                                                                 |       |  |
| 25                  | Dome lamp                |                        | Make             | ICHIKO                             |                                                                                                                          |       |  |
|                     |                          |                        | Wattage          | 12V – 10W Opt.: 24V – 10W*4        |                                                                                                                          |       |  |
|                     | Glove compartment lamp   |                        | Make             | KOITO                              | —                                                                                                                        |       |  |
|                     |                          |                        | Wattage          | 12V – 1.2W Opt.: 24V – 1.4W*4      | —                                                                                                                        |       |  |
| 30                  | Engine compartment lamp  |                        | Make             | —                                  |                                                                                                                          |       |  |
|                     |                          |                        | Wattage          | —                                  |                                                                                                                          |       |  |
|                     | Luggage compartment lamp |                        | Make             | —                                  |                                                                                                                          |       |  |
|                     |                          |                        | Wattage          | —                                  |                                                                                                                          |       |  |
| Heater control lamp |                          | Make                   | ICHIKO           |                                    |                                                                                                                          |       |  |
|                     |                          | Wattage                | Opt.: 12V – 2W   | 12V – 2W                           |                                                                                                                          |       |  |

\*1 ... RHD models      \*3 ... South Africa spec.: FJ62RV-KC, FJ62RG-K,  
\*2 ... LHD models      FJ62RG-M, HJ60RV-KC and HJ60RG-K  
\*4 ... BJ60 series



# TOYOTA TECHNICAL SPECIFICATIONS

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| 58   | Suspension                     |
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| 60   | Brakes                         |
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### NOTES:

The Technical Specifications herein are those in effect at date of compilation and any change or improvements coming after this date will be notified through Technical Advance Information and Service Bulletin.



**TOYOTA  
TECHNICAL SPECIFICATIONS**

Car Models

| Destination   | Model description                    | Engine                | Model codes                                                                                                  |
|---------------|--------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------|
| GCC Countries | TOYOTA LAND CRUISER, Station Wagon   | 3F Gasoline (3,955cc) | FJ62LV-MCV<br>FJ62LV-MCZV                                                                                    |
|               | TOYOTA LAND CRUISER, Station Wagon G | 3F Gasoline (3,955cc) | FJ62LG-MV<br>FJ62LG-MCV<br>FJ62LG-PV<br>FJ62LG-PCV<br>FJ62LG-MZV<br>FJ62LG-MCZV<br>FJ62LG-PZV<br>FJ62LG-PCZV |



TOYOTA
TECHNICAL SPECIFICATIONS

See pages 122 - 124 for Exterior and Interior Dimensions - Definitions

Table with 4 columns: Definitions, Ref. No., 3F Gasoline (Wagon, Wagon G), and model codes (FJ62LV-MCV, FJ62LV-MCZV, FJ62LG-MV).

Dimensions

Table with multiple rows detailing dimensions: Overall length, Overall width, Overall height, Wheelbase, Tread-Front, Tread-Rear, Room length, Room width, Room height, Deck length (un/folded), Deck length (Truck), Deck width, Deck height, Cab rear end to rear axle, Cab rear end to "Hip" point, Ground clearance, Ground clearance on cylindrical surface, Overhang (Front, Rear, Body front, Body rear, Frame front, Frame rear), Angle of approach, Angle of departure.

\*1 ...With winch
\*2 ...With rear step bumper
\*3 ...With winch and rear step bumper
\*4 ...With over-fender
\*5 ...With roof carrier
\*6 ...With roof rack

Cargo Space

Table with 4 columns: Luggage capacity, Cargo volume (Van, Station wagon), Unfolded/Folded rear seat, and volume in m³ (cu.ft).



| 3F Gasoline |           |            |            |
|-------------|-----------|------------|------------|
| Wagon G     |           |            |            |
| FJ62LG-MCV  | FJ62LG-PV | FJ62LG-PCV | FJ62LG-MZV |

**Dimensions**

|    |                                                                                                   |              |                                         |                                         |
|----|---------------------------------------------------------------------------------------------------|--------------|-----------------------------------------|-----------------------------------------|
| 5  | 4,675 (184.1) 4,920 (193.7)* <sup>1</sup> 4,750 (187.0)* <sup>2</sup> 4,995 (196.7)* <sup>3</sup> |              |                                         |                                         |
|    | 1,800 (70.9) 1,880 (74.0)* <sup>4</sup>                                                           |              |                                         |                                         |
|    | 1,835 (72.2) 1,915 (75.4)* <sup>5</sup> 2,070 (81.5) * <sup>6</sup>                               |              |                                         | 1,935 (76.2) 2,170 (85.4)* <sup>6</sup> |
|    | 2,730 (107.5)                                                                                     |              |                                         |                                         |
|    | 1,475 (58.1) 1,515 (59.6)* <sup>4</sup>                                                           |              |                                         |                                         |
|    | 1,460 (57.5) 1,500 (59.1)* <sup>4</sup>                                                           |              |                                         |                                         |
|    | 1,740 (68.5)                                                                                      |              |                                         |                                         |
|    | 1,520 (59.8)                                                                                      |              |                                         |                                         |
|    | 1,210 (47.6)                                                                                      |              |                                         | 1,280 (50.4)                            |
|    | 955 (37.6)                                                                                        |              |                                         |                                         |
| 10 | 1,575 (62.0)                                                                                      |              |                                         |                                         |
|    |                                                                                                   |              |                                         |                                         |
|    | 1,005 (39.6)                                                                                      | 1,520 (59.8) | 1,005 (39.6)                            | 1,075 (42.3)                            |
|    | 1,025 (40.4)                                                                                      |              |                                         | 1,125 (44.3)                            |
|    |                                                                                                   |              |                                         |                                         |
|    |                                                                                                   |              |                                         |                                         |
|    | 230 (9.06)                                                                                        |              |                                         |                                         |
|    | 155 (6.10)                                                                                        |              |                                         |                                         |
|    | 725 (28.5) 970 (38.2)* <sup>1</sup>                                                               |              |                                         |                                         |
|    | 1,220 (48.0) 1,295 (51.0)*                                                                        | 1,295 (51.0) | 1,220 (48.0) 1,295 (51.0)* <sup>2</sup> | 1,295 (51.0)                            |
| 20 | 650 (25.6)                                                                                        |              |                                         |                                         |
|    | 1,175 (46.3)                                                                                      |              |                                         |                                         |
|    | 685 (27.0)                                                                                        |              |                                         |                                         |
|    | 1,185 (46.7)                                                                                      |              |                                         |                                         |
|    | 40 30* <sup>1</sup>                                                                               |              |                                         |                                         |
|    | 22                                                                                                |              |                                         |                                         |
|    |                                                                                                   |              |                                         |                                         |
|    |                                                                                                   |              |                                         |                                         |
|    |                                                                                                   |              |                                         |                                         |
|    |                                                                                                   |              |                                         |                                         |
| 25 |                                                                                                   |              |                                         |                                         |
|    |                                                                                                   |              |                                         |                                         |
|    |                                                                                                   |              |                                         |                                         |
|    |                                                                                                   |              |                                         |                                         |
|    |                                                                                                   |              |                                         |                                         |
|    |                                                                                                   |              |                                         |                                         |
|    |                                                                                                   |              |                                         |                                         |
|    |                                                                                                   |              |                                         |                                         |
|    |                                                                                                   |              |                                         |                                         |
|    |                                                                                                   |              |                                         |                                         |

**Cargo Space**

|              |              |              |              |
|--------------|--------------|--------------|--------------|
| —            |              |              |              |
| 0.834 (29.4) | 1.088 (38.4) | 0.834 (29.4) | 1.008 (35.6) |
| 1.796 (63.4) | 2.050 (72.4) | 1.796 (63.4) | 2.181 (77.0) |



# TOYOTA

## TECHNICAL SPECIFICATIONS

See pages 122 - 124 for Exterior and Interior Dimensions - Definitions

| Defini-<br>tions<br><br>Ref.<br><br>No. | 3F Gasoline |            |             |
|-----------------------------------------|-------------|------------|-------------|
|                                         | Wagon G     |            |             |
|                                         | FJ62LG-MCZV | FJ62LG-PZV | FJ62LG-PCZV |

### Dimensions

|                                         |                     |                                   |          |              |                                                                                                   |
|-----------------------------------------|---------------------|-----------------------------------|----------|--------------|---------------------------------------------------------------------------------------------------|
| 5                                       | Overall length      |                                   | mm (in.) | L 103        | 4,675 (184.1) 4,920 (193.7)* <sup>1</sup> 4,750 (187.0)* <sup>2</sup> 4,995 (196.7)* <sup>3</sup> |
|                                         | Overall width       |                                   | mm (in.) | W 103        | 1,800 (70.9) 1,880 (74.0)* <sup>4</sup>                                                           |
|                                         | Overall height      |                                   | mm (in.) | H 101        | 1,935 (76.2) 2,170 (85.4)* <sup>6</sup>                                                           |
|                                         | Wheelbase           |                                   | mm (in.) | L 101        | 2,730 (107.5)                                                                                     |
|                                         | Tread-Front         |                                   | mm (in.) | W 101        | 1,475 (58.1) 1,515 (59.6)* <sup>4</sup>                                                           |
| 10                                      | Tread-Rear          |                                   | mm (in.) | W 102        | 1,460 (57.5) 1,500 (59.1)* <sup>4</sup>                                                           |
|                                         | Room length         |                                   | mm (in.) | L 99         | 1,740 (68.5)                                                                                      |
|                                         | Room width          |                                   | mm (in.) | W 99         | 1,520 (59.8)                                                                                      |
|                                         | Room height         |                                   | mm (in.) | H 99         | 1,280 (50.4)                                                                                      |
|                                         | Deck length         | unfolded rear seat                | mm (in.) | L 97         | 955 (37.6)                                                                                        |
|                                         |                     | folded rear seat                  | mm (in.) | L 98         | 1,575 (62.0)                                                                                      |
|                                         | Deck length (Truck) |                                   | mm (in.) | L 96         |                                                                                                   |
|                                         | Deck width          |                                   | mm (in.) | W 98         | 1,075 (42.3)                                                                                      |
|                                         | Deck height         |                                   | mm (in.) | H 98<br>H 97 | 1,125 (44.3)                                                                                      |
|                                         | 15                  | Cab rear end to rear axle (Truck) |          | mm (in.)     | L 95                                                                                              |
| Cab rear end to "Hip" point (Truck)     |                     | mm (in.)                          | L 94     |              |                                                                                                   |
| Ground clearance                        |                     | mm (in.)                          | H 153    | 230 (9.06)   |                                                                                                   |
| Ground clearance on cylindrical surface |                     | mm (in.)                          | H 154    | 155 (6.10)   |                                                                                                   |
| 20                                      |                     | Overhang                          | Front    | mm (in.)     | L 104                                                                                             |
|                                         | Rear                |                                   | mm (in.) | L 105        | 1,295 (51.0)                                                                                      |
|                                         | Body front          |                                   | mm (in.) |              | 650 (25.6)                                                                                        |
|                                         | Body rear           |                                   | mm (in.) |              | 1,175 (46.3)                                                                                      |
|                                         | Frame front         |                                   | mm (in.) |              | 685 (27.0)                                                                                        |
|                                         | Frame rear          |                                   | mm (in.) |              | 1,185 (46.7)                                                                                      |
| 25                                      | Angle of approach   |                                   | degree   | H 106        | 40 30* <sup>1</sup>                                                                               |
|                                         | Angle of departure  |                                   | degree   | H 107        | 22                                                                                                |

\*<sup>1</sup> ..... With winch

\*<sup>2</sup> ..... With rear step bumper

\*<sup>3</sup> ..... With winch and rear step bumper

\*<sup>4</sup> ..... With over-fender

\*<sup>5</sup> ..... With roof carrier

\*<sup>6</sup> ..... With roof rack

### Cargo Space

|                                   |                    |                        |                        |     |              |
|-----------------------------------|--------------------|------------------------|------------------------|-----|--------------|
| Luggage capacity                  |                    |                        | m <sup>3</sup> (cu.ft) | V 1 | —            |
| Cargo volume (Van, Station wagon) | Unfolded rear seat | m <sup>3</sup> (cu.ft) |                        |     | 1,008 (35.6) |
|                                   | Folded rear seat   | m <sup>3</sup> (cu.ft) |                        |     | 2,181 (77.0) |



| Difini-<br>tions | 3F Gasoline |             |           |
|------------------|-------------|-------------|-----------|
|                  | Wagon       |             | Wagon G   |
| Ref.<br>No.      | FJ62LV-MCV  | FJ62LV-MCZV | FJ62LG-MV |

**Vehicle Weights**

|    |                                                     |          |          |               |     |               |               |               |
|----|-----------------------------------------------------|----------|----------|---------------|-----|---------------|---------------|---------------|
| 5  | Curb weight                                         | kg (lb.) | Front    | Std           | WT1 | 930 (2,050)   |               | 965 (2,125)   |
|    |                                                     |          |          | Full opt      |     | 1,035 (2,280) |               | 1,150 (2,535) |
|    |                                                     | Rear     | Std      | 995 (2,195)   |     | 1,005 (2,215) | 1,055 (2,325) |               |
|    |                                                     |          | Full opt | 1,065 (2,350) |     | 1,200 (2,645) |               |               |
|    |                                                     | Total    | Std      | 1,925 (4,245) |     | 1,935 (4,265) | 2,020 (4,450) |               |
|    |                                                     |          | Full opt | 2,100 (4,630) |     | 2,350 (5,180) |               |               |
|    | Chassis weight with cab<br>(Truck only)             | kg (lb.) | Front    |               | WT2 |               |               |               |
|    |                                                     |          | Rear     |               |     |               |               |               |
|    |                                                     |          | Total    |               |     |               |               |               |
| 10 | Chassis weight with wind-<br>shield<br>(Truck only) | kg (lb.) | Front    |               | WT3 |               |               |               |
|    |                                                     |          | Rear     |               |     |               |               |               |
|    |                                                     |          | Total    |               |     |               |               |               |
| 15 | Unloaded vehicle weight<br>(for Europe only)        | kg (lb.) | Front    |               | WT4 | —             |               |               |
|    |                                                     |          | Rear     |               |     | —             |               |               |
|    |                                                     |          | Total    |               |     | —             |               |               |
|    | Gross vehicle weight                                | kg (lb.) | Front    |               | WT5 | 1,115 (2,460) |               | 1,255 (2,765) |
|    |                                                     |          | Rear     |               |     | 1,795 (3,955) |               | 1,505 (3,320) |
|    |                                                     |          | Total    |               |     | 2,910 (6,415) |               | 2,760 (6,085) |

**Loading Capacity**

|                                  |          |               |     |               |                 |
|----------------------------------|----------|---------------|-----|---------------|-----------------|
| Max. front axle capacity         |          | kg (lb.)      | CP1 | 1,300 (2,865) |                 |
| Max. rear axle capacity          |          | kg (lb.)      |     | 2,020 (4,455) | 1,850 (4,080) * |
| Max. front axle housing capacity |          | kg (lb.)      | CP2 | —             |                 |
| Max. rear axle housing capacity  |          | kg (lb.)      |     | —             |                 |
| 5 Max. towing weight             | kg (lb.) | with brake    |     | 1,500 (3,305) |                 |
|                                  |          | without brake |     | 750 (1,655)   |                 |
| Max. roof rack load              |          | kg (lb.)      |     | 200 (440)     |                 |

\* ... With 9.00-15 or 9.00-16 tires



TOYOTA  
TECHNICAL SPECIFICATIONS

|                  |             |            |                          |
|------------------|-------------|------------|--------------------------|
| Difini-<br>tions | 3F Gasoline |            |                          |
|                  | Wagon G     |            |                          |
|                  | Ref.<br>No. | FJ62LG-MCV | FJ62LG-MCV*<br>FJ62LG-PV |

Vehicle Weights

|    |                                                     |          |       |          |     |               |  |               |  |               |  |
|----|-----------------------------------------------------|----------|-------|----------|-----|---------------|--|---------------|--|---------------|--|
| 5  | Curb weight                                         | kg (lb.) | Front | Std      | WT1 | 950 (2,095)   |  | 980 (2,160)   |  |               |  |
|    |                                                     |          |       | Full opt |     | 1,150 (2,535) |  |               |  |               |  |
|    |                                                     |          | Rear  | Std      |     | 1,040 (2,295) |  | 1,065 (2,350) |  |               |  |
|    |                                                     |          |       | Full opt |     | 1,200 (2,645) |  |               |  |               |  |
|    |                                                     |          | Total | Std      |     | 1,990 (4,390) |  | 2,045 (4,510) |  |               |  |
|    |                                                     |          |       | Full opt |     | 2,350 (5,180) |  |               |  |               |  |
|    | Chassis weight with cab<br>(Truck only)             | kg (lb.) | Front |          | WT2 |               |  |               |  |               |  |
|    |                                                     |          | Rear  |          |     |               |  |               |  |               |  |
|    |                                                     |          | Total |          |     |               |  |               |  |               |  |
| 10 | Chassis weight with wind-<br>shield<br>(Truck only) | kg (lb.) | Front |          | WT3 |               |  |               |  |               |  |
|    |                                                     |          | Rear  |          |     |               |  |               |  |               |  |
|    |                                                     |          | Total |          |     |               |  |               |  |               |  |
| 15 | Unloaded vehicle weight<br>(for Europe only)        | kg (lb.) | Front |          | WT4 | —             |  |               |  |               |  |
|    |                                                     |          | Rear  |          |     | —             |  |               |  |               |  |
|    |                                                     |          | Total |          |     | —             |  |               |  |               |  |
|    | Gross vehicle weight                                | kg (lb.) | Front |          | WT5 | 1,255 (2,765) |  | 1,115 (2,460) |  | 1,255 (2,765) |  |
|    |                                                     |          | Rear  |          |     | 1,505 (3,320) |  | 1,795 (3,955) |  | 1,505 (3,320) |  |
|    |                                                     |          | Total |          |     | 2,760 (6,085) |  | 2,910 (6,415) |  | 2,760 (6,085) |  |

\*...With 3rd seat attached, seating capacity increases to 8, 9 or 10 persons from 5 persons.

Loading Capacity

|                                  |                    |          |               |                              |  |
|----------------------------------|--------------------|----------|---------------|------------------------------|--|
| Max. front axle capacity         |                    | kg (lb.) | CP1           | 1,300 (2,865)                |  |
| Max. rear axle capacity          |                    | kg (lb.) |               | 2,020 (4,455) 1,850 (4,080)* |  |
| Max. front axle housing capacity |                    | kg (lb.) | CP2           | —                            |  |
| Max. rear axle housing capacity  |                    | kg (lb.) |               | —                            |  |
| 5                                | Max. towing weight | kg (lb.) | with brake    | 1,500 (3,305)                |  |
|                                  |                    |          | without brake | 750 (1,655)                  |  |
| Max. roof rack load              |                    | kg (lb.) |               | 200 (440)                    |  |

\* ... With 9.00-15 or 9.00-16 tires



| 3F Gasoline |             |            |             |            |             |
|-------------|-------------|------------|-------------|------------|-------------|
| Wagon G     |             |            |             |            |             |
| FJ62LG-PCV  | FJ62LG-PCV* | FJ62LG-MZV | FJ62LG-MCZV | FJ62LG-PZV | FJ62LG-PCZV |

Vehicle Weights

|    |               |               |               |
|----|---------------|---------------|---------------|
|    | 965 (2,125)   | 930 (2,050)   | 950 (2,095)   |
|    | 1,150 (2,535) | 1,060 (2,335) |               |
|    | 1,055 (2,325) | 1,100 (2,425) | 1,110 (2,445) |
|    | 1,200 (2,645) |               |               |
|    | 2,020 (4,450) | 2,030 (4,475) | 2,060 (4,540) |
| 5  | 2,350 (5,180) | 2,260 (4,980) |               |
|    |               |               |               |
|    |               |               |               |
|    |               |               |               |
|    |               |               |               |
|    |               |               |               |
| 10 |               |               |               |
|    |               |               |               |
|    |               |               |               |
|    |               |               |               |
|    |               |               |               |
|    |               |               |               |
| 15 |               |               |               |
|    | 1,255 (2,765) | 1,115 (2,460) |               |
|    | 1,505 (3,320) | 1,795 (3,955) |               |
|    | 2,760 (6,085) | 2,910 (6,415) |               |

Loading Capacity

|   |  |               |                |
|---|--|---------------|----------------|
|   |  | 1,300 (2,865) |                |
|   |  | 2,020 (4,455) | 1,850 (4,080)* |
|   |  | —             |                |
|   |  | —             |                |
|   |  | 1,500 (3,305) |                |
| 5 |  | 750 (1,655)   |                |
|   |  | 200 (440)     |                |



TOYOTA  
TECHNICAL SPECIFICATIONS

| 3F Gasoline |             |           |
|-------------|-------------|-----------|
| Wagon       |             | Wagon G   |
| FJ62LV-MCV  | FJ62LV-MCZV | FJ62LG-MV |

Performance

|                                                 |                      |                     |                                   |                                    |
|-------------------------------------------------|----------------------|---------------------|-----------------------------------|------------------------------------|
| Max. speed                                      |                      | km/h (mph)          | 155 (97)                          |                                    |
| Max. cruising speed                             |                      | km/h (mph)          | 124 (77)                          |                                    |
| Acceleration                                    | 0 to 100 km/h        | sec.                | 16.5                              |                                    |
|                                                 | SS 1/4 mile          | sec.                | 20.0                              |                                    |
| 5<br><br>Fuel consumption                       | DIN                  | km/liter            | —                                 |                                    |
|                                                 |                      | mile/US gal.        | —                                 |                                    |
|                                                 |                      | mile/Imp gal.       | —                                 |                                    |
|                                                 | ECE<br>(Europe only) | 90 km/h    ℓ/100km  | —                                 |                                    |
|                                                 |                      | 120 km/h    ℓ/100km | —                                 |                                    |
|                                                 |                      | ECE mode    ℓ/100km | —                                 |                                    |
| 10<br><br>Max. gradability    tanθ              | 1st gear             |                     | L1.00 or more / <sup>H</sup> 0.49 | L1.00 mor more / <sup>H</sup> 0.53 |
|                                                 | 2nd gear             |                     | 0.53 / 0.24                       | 0.57 / 0.25                        |
|                                                 | 3rd gear             |                     | 0.27 / 0.12                       | 0.29 / 0.13                        |
|                                                 | 4th gear             |                     | 0.17 / 0.07                       | 0.18 / 0.07                        |
|                                                 | 5th gear             |                     | 0.14 / 0.05                       | 0.15 / 0.05                        |
|                                                 | Rev. gear            |                     | 1.00 or more / 0.49               | 1.00 or more / 0.53                |
| 15<br><br>Max. permissible speed<br>km/h (mph)  | 1st gear             |                     | 30 (19)                           |                                    |
|                                                 | 2nd gear             |                     | 56 (35)                           |                                    |
|                                                 | 3rd gear             |                     | 97 (61)                           |                                    |
|                                                 | 4th gear             |                     | 150 (94)                          |                                    |
|                                                 | 5th gear             |                     | —                                 |                                    |
| 20<br><br>Min. turning radius    m (ft.)        | Tire                 |                     | 6.2 (20.4) (2WD) 6.7 (22.0) (4WD) |                                    |
|                                                 | Body                 |                     | 6.7 (22.0) (2WD) 7.2 (23.6) (4WD) |                                    |
| 25<br><br>Slant angle                    degree | Right                |                     | 44                                |                                    |
|                                                 | Left                 |                     | 44                                |                                    |

Transfer gear:  
L = Low  
H = High



|             |                                   |               |               |
|-------------|-----------------------------------|---------------|---------------|
| 3F Gasoline |                                   |               |               |
| Wagon G     |                                   |               |               |
| FJ62LG-MCV  | FJ62LG-PV                         | FJ62LG-PCV    | FJ62LG-MZV    |
| Performance |                                   |               |               |
| 155 (97)    | 150 (94)                          | 155 (97)      |               |
| 124 (77)    | 120 (75)                          | 124 (77)      |               |
| 16.5        | 22.5                              | 16.5          |               |
| 20.0        | 22.0                              | 20.0          |               |
| 5           | —                                 |               |               |
|             | —                                 |               |               |
|             | —                                 |               |               |
|             | —                                 |               |               |
|             | —                                 |               |               |
| 10          | —                                 |               |               |
|             | L1.00 or more / H0.49             | L0.68 / H0.29 | L0.62 / H0.27 |
|             | 0.53 / 0.24                       | 0.29 / 0.13   | 0.28 / 0.13   |
|             | 0.27 / 0.12                       | 0.18 / 0.07   | 0.17 / 0.07   |
|             | 0.17 / 0.07                       | 0.12 / 0.03   | 0.11 / 0.03   |
| 15          | 0.14 / 0.05                       | —             | 0.14 / 0.05   |
|             | 1.00 or more / 0.49               | 0.59 / 0.26   | 0.55 / 0.24   |
|             | 30 (19)                           | 50 (31)       | 30 (19)       |
|             | 56 (35)                           | 96 (60)       | 56 (35)       |
|             | 97 (61)                           | 150 (94)      | 97 (61)       |
| 20          | 150 (94)                          | —             | 150 (94)      |
|             | —                                 |               |               |
|             | 6.2 (20.4) (2WD) 6.7 (22.0) (4WD) |               |               |
|             | 6.7 (22.0) (2WD) 7.2 (23.6) (4WD) |               |               |
|             | 44                                |               |               |
| 25          | 44                                |               |               |



TOYOTA  
TECHNICAL SPECIFICATIONS

|             |            |             |
|-------------|------------|-------------|
| 3F Gasoline |            |             |
| Wagon G     |            |             |
| FJ62LG-MCZV | FJ62LG-PZV | FJ62LG-PCZV |

Performance

|                                                 |                      |                     |                                   |               |
|-------------------------------------------------|----------------------|---------------------|-----------------------------------|---------------|
| Max. speed                                      |                      | km/h (mph)          | 155 (97)                          | 150 (94)      |
| Max. cruising speed                             |                      | km/h (mph)          | 124 (77)                          | 120 (75)      |
| Acceleration                                    | 0 to 100 km/h        | sec.                | 16.5                              | 22.5          |
|                                                 | SS 1/4 mile          | sec.                | 20.0                              | 22.0          |
| 5<br><br>Fuel consumption                       | DIN                  | km/liter            | —                                 |               |
|                                                 |                      | mile/US gal.        | —                                 |               |
|                                                 |                      | mile/Imp gal.       | —                                 |               |
|                                                 | ECE<br>(Europe only) | 90 km/h    ℓ/100km  | —                                 |               |
|                                                 |                      | 120 km/h    ℓ/100km | —                                 |               |
|                                                 |                      | ECE mode    ℓ/100km | —                                 |               |
| 10<br><br>Max. gradability    tanθ              | 1st gear             |                     | L1.00 or more / H0.49             | L0.62 / H0.27 |
|                                                 | 2nd gear             |                     | 0.53 / 0.24                       | 0.28 / 0.13   |
|                                                 | 3rd gear             |                     | 0.27 / 0.12                       | 0.17 / 0.07   |
|                                                 | 4th gear             |                     | 0.17 / 0.07                       | 0.11 / 0.03   |
|                                                 | 5th gear             |                     | 0.14 / 0.05                       | —             |
|                                                 | Rev. gear            |                     | 1.00 or more / 0.49               | 0.55 / 0.24   |
| 15<br><br>Max. permissible speed<br>km/h (mph)  | 1st gear             |                     | 30 (19)                           | 50 (31)       |
|                                                 | 2nd gear             |                     | 56 (35)                           | 96 (60)       |
|                                                 | 3rd gear             |                     | 97 (61)                           | 150 (94)      |
|                                                 | 4th gear             |                     | 150 (94)                          | —             |
|                                                 | 5th gear             |                     | —                                 |               |
| 20<br><br>Min. turning radius    m (ft.)        | Tire                 |                     | 6.2 (20.4) (2WD) 6.7 (22.0) (4WD) |               |
|                                                 | Body                 |                     | 6.7 (22.0) (2WD) 7.2 (23.6) (4WD) |               |
| 25<br><br>Slant angle                    degree | Right                |                     | 44                                |               |
|                                                 | Left                 |                     | 44                                |               |

Transfer gear:  
L = Low  
H = High



|             |  |         |             |
|-------------|--|---------|-------------|
| 3F          |  |         |             |
| Wagon       |  | Wagon G |             |
| 5-Speed M/T |  |         | 4-Speed A/T |

**Engine – General**

|                                  |                              |                               |                                         |                                    |
|----------------------------------|------------------------------|-------------------------------|-----------------------------------------|------------------------------------|
| Model                            |                              | 3F, Gasoline                  |                                         |                                    |
| Engine installation location     |                              | Front, longitudinally mounted |                                         |                                    |
| Type No. Cyls. Valve arrangement |                              | In-line, 6-cyl., O.H.V.       |                                         |                                    |
| Bore and stroke                  |                              | mm (in.)                      | 94.0 x 95.0 (3.70 x 3.74)               |                                    |
| Piston displacement              |                              | cc (cu.in.)                   | 3,955 (241.4)                           |                                    |
| 5                                | Compression ratio            |                               | 8.1                                     |                                    |
| Compression pressure             |                              | KPa                           | 1,030                                   |                                    |
| Max. permissible rpm             | continuous rpm               |                               | 4,200                                   |                                    |
|                                  | momentary rpm                |                               | 4,600                                   |                                    |
| 10                               | No. of compression ring/cyl. |                               | 2                                       |                                    |
|                                  | No. of oil ring/cyl.         |                               | 1                                       |                                    |
|                                  | No. of main bearings         |                               | 4                                       |                                    |
| Max. BHP                         | SAE NET kw/rpm               |                               | 108, 116*/4,200                         |                                    |
|                                  | DIN or EEC kw/rpm            |                               | 110/4,200                               |                                    |
| 15 Max. Torque                   | SAE NET N-m/rpm              |                               | 275, 294*/2,200                         |                                    |
|                                  | DIN or EEC N-m/rpm           |                               | 284/2,200                               |                                    |
| Vacuum at idling speed           |                              | KPa/rpm                       | 56/650                                  | 56/750                             |
| Engine dimension (L x W x H)     |                              | mm (in.)                      | 971 x 564 x 806 (38.23 x 22.20 x 31.73) | 955x564x806<br>(37.60x22.20x31.73) |
| Engine service weight            |                              | kg (lb.)                      | 248 (546.7)                             | 251 (553.3) 240 (529.1)            |

FJ62LG-MCV, -MCZV are classified as wagon category.

\* ..... SAE gross

**Engine – Valve System**

|                   |                  |                |                                |  |
|-------------------|------------------|----------------|--------------------------------|--|
| Valve timing      | intake           | opens (°BTDC)  | 22                             |  |
|                   |                  | closes (°ABDC) | 48                             |  |
|                   | exhaust          | opens (°BBDC)  | 60                             |  |
|                   |                  | closes (°ATDC) | 10                             |  |
| 5 Valve clearance | intake mm (in.)  |                | 0.20 (0.008) (with engine hot) |  |
|                   | exhaust mm (in.) |                | 0.35 (0.014) (with engine hot) |  |



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|    |
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| 3F |
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Engine – Lubrication System

|                         |                                                        |                                 |
|-------------------------|--------------------------------------------------------|---------------------------------|
| Type of lubrication     |                                                        | Full pressure                   |
| Oil pump type           |                                                        | Gear                            |
| Oil filter type, system |                                                        | Paper filter element, full flow |
| 5 Oil capacity          | Dry Refill with Filter<br>ℓ (US.qts., Imp.qts.)        | 8.0 (8.45, 7.04)                |
|                         | Drain & Refill with Filter<br>ℓ (US.qts., Imp.qts.)    | 7.8 (8.24, 6.86)                |
|                         | Drain & Refill without Filter<br>ℓ (US.qts., Imp.qts.) | 7.0 (7.40, 6.16)                |
| Oil cooler type         |                                                        | Opt.: Outside, water-cooled     |

Engine – Cooling System

|                            |                                |                                                                                                                            |
|----------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| System                     |                                | Water-cooled                                                                                                               |
| Fan                        | Number of blades               | 7                                                                                                                          |
|                            | Diameter           mm (in.)    | 450 (17.72)                                                                                                                |
|                            | Material                       | P. P. G.                                                                                                                   |
| 5 Coupling                 | Type                           | Fluid                                                                                                                      |
|                            | Oil viscosity                  | 10,000 cst                                                                                                                 |
| Water pump type            |                                | Centrifugal, V-belt drive                                                                                                  |
| Radiator core type         |                                | Vertical type, corrugated fin                                                                                              |
| 10 Cooling system capacity | with heater* <sup>1</sup> ℓ    | 17.0(17.97, 14.96)* <sup>3</sup> 19.0(20.08, 16.72)* <sup>2,3</sup> 17.5 (18.50, 15.40) 19.5 (20.61, 17.16) * <sup>2</sup> |
|                            | without heater* <sup>1</sup> ℓ | 15.0(15.85, 13.20)* <sup>3</sup> 15.5 (16.38, 13.64)                                                                       |
| Cooling system temperature | Normal   °C (°F)               | 88 (190.4)                                                                                                                 |
|                            | Overheat °C (°F)               | 110 (230.0)                                                                                                                |

\*<sup>1</sup> ... (   ) = U.S. qts., Imp. qts.  
\*<sup>2</sup> ... With front and rear heaters  
\*<sup>3</sup> ... FJ62LV(G)-MCV, -MCZV

Engine – Fuel System

|                            |                    |                                |
|----------------------------|--------------------|--------------------------------|
| Carburetor type, No., Make |                    | Down draft, 2-barrel, 1, AISAN |
| Throttle bore dia.         | Primary   mm (in.) | 38 (1.50)                      |
|                            | Secondary mm (in.) | 40 (1.58)                      |
| Main venturi dia.          | Primary   mm (in.) | 32 (1.26)                      |
|                            | Secondary mm (in.) | 36 (1.42)                      |
| 5 Main jet dia.            | Primary   mm (in.) | 1.33 (0.052) 1.32 (0.052)*     |
|                            | Secondary mm (in.) | 2.20 (0.087)                   |

\*...Automatic T/M models



|    |
|----|
| 3F |
|----|

**Engine — Fuel System (Continued)**

|                         |                           |                         |                            |
|-------------------------|---------------------------|-------------------------|----------------------------|
| Slow jet dia.           | Primary                   | mm (in.)                | 0.55 (0.022) 0.52 (0.020)* |
|                         | Secondary                 | mm (in.)                | 0.90 (0.035)               |
| Power jet dia.          |                           | mm (in.)                | 1.10 (0.043)               |
| Economizer jet dia.     |                           | mm (in.)                | 1.55 (0.061)               |
| 5 Fuel injection system | Fuel injection type       |                         | —                          |
|                         | Injection pump type, Make |                         | —                          |
|                         | Delivered quantity        | ℓ/h                     | —                          |
| Choke type              |                           |                         | Manual                     |
| Fuel pump type          |                           |                         | Diaphragm                  |
| Fuel filter type        |                           |                         | Paper                      |
| 10                      | Fuel tank capacity        | ℓ (US. gal., Imp. gal.) | 90 (23.78, 19.80)          |

\*...Automatic T/M models

**Engine — Fuel**

|               |                                   |
|---------------|-----------------------------------|
| Octane number | 83* <sup>1</sup> 91* <sup>2</sup> |
|---------------|-----------------------------------|

\*<sup>1</sup> ...Motor Octane Number  
\*<sup>2</sup> ...Research Octane Number

**Engine — Ignition System**

|                 |                    |          |                   |
|-----------------|--------------------|----------|-------------------|
| Ignition type   |                    |          | Ignition type     |
| Ignition timing |                    |          | 7° BTDC           |
| Firing order    |                    |          | 1-5-3-6-2-4       |
| 5 Spark plug    | Model              |          | W14EX-U BP4EY     |
|                 | Make               |          | ND NGK            |
|                 | Dia. — length      | mm (in.) | 14-19 (0.55-0.75) |
|                 | Gap                | mm (in.) | 0.8 (0.032)       |
| 10 Distributor  | Heel gap           |          | 0.3 (0.012)       |
|                 | Cam closing angle  | degree   | 41                |
|                 | Point pressure     | g        | 500               |
|                 | Condenser capacity | μF       | 0.22              |

**Engine — Electrical System**

|         |                    |       |                                                                      |
|---------|--------------------|-------|----------------------------------------------------------------------|
| Battery | Model, No.         |       | 48D26R, 75D31R*, 1                                                   |
|         | Voltage & Amp. hr. |       | 12-50, 70*                                                           |
|         | Specific gravity   |       | 1.25 ~ 1.27                                                          |
|         | Terminal grounded  |       | Negative                                                             |
| 5       | Alternator output  | Watts | 480, 600*, 780*, 540* (only for wagon G model except FJ62LG-MV, -PV) |
|         | Starter output     | KW    | 1.0                                                                  |

\*...Option  
Ampere Hour is the reading at 20-hour run.



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| 3F |
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Engine – Electrical (Continued)

| Engine Model | CENTRIFUGAL ADVANCE<br>Distributor Degrees at Distributor RPM |                   | VACUUM ADVANCE<br>Distributor Degrees at kPa of Mercury |                                      |
|--------------|---------------------------------------------------------------|-------------------|---------------------------------------------------------|--------------------------------------|
|              | Start                                                         | Maximum           | Start                                                   | Maximum                              |
| 3F           | 0° /500 rpm                                                   | 11.5° / 1,800 rpm | 0° /10.7 kPa<br><br>(Automatic T/M)<br>0° / 10.7 kPa    | 12° / 48.0 kPa<br><br>13° / 45.3 kPa |

Engine – Electrical – Suppression

|          |                            |
|----------|----------------------------|
| Type     | Resistive cord             |
| Make     | YAZAKI                     |
| Material | Rubber                     |
| Mark     | YAZAKI 1984 R-16 AIRP-B 16 |



|             |             |
|-------------|-------------|
| 3F          |             |
| 5-Speed M/T | 4-Speed A/T |

**Drive Units – Clutch (Manual Transmission)**

|                                |                                                      |                                     |   |
|--------------------------------|------------------------------------------------------|-------------------------------------|---|
| Make & type                    |                                                      | AISIN, Dry type single plate clutch | — |
| Type of pressure plate springs |                                                      | Diaphragm                           | — |
| No. of clutch driven discs     |                                                      | 1                                   | — |
| 5 Clutch facing                | Outside & inside dia.    mm (in.)                    | 275 x 175 (10.83 x 6.89)            | — |
|                                | Thickness                    mm (in.)                | 3.5 (0.14)                          | — |
|                                | Total eff. area            cm <sup>2</sup> (sq. in.) | 353 (54.72)                         | — |
| Weight                         | Clutch cover                kg (lb.)                 | 9.130 (20.1)                        | — |
|                                | Clutch disc                 kg (lb.)                 | 1.825 (4.02)                        | — |

**Drive Units – Manual Transmission**

|                                   |                           |                     |   |
|-----------------------------------|---------------------------|---------------------|---|
| Number of forward speeds          |                           | 5                   | — |
| Shift lever location              |                           | Floor shift         | — |
| 5 Gear ratio                      | In-first                  | 4.843 (synchromesh) | — |
|                                   | In-second                 | 2.618 (synchromesh) | — |
|                                   | In-third                  | 1.516 (synchromesh) | — |
|                                   | In-fourth                 | 1.000 (synchromesh) | — |
|                                   | In-fifth                  | 0.845 (synchromesh) | — |
|                                   | Extra low (4WD)           | —                   | — |
|                                   | In-reverse                | 4.843               | — |
| Synchronous meshing specify gears |                           | 5                   | — |
| 10 Oil capacity                   | liter (US.qts., Imp.qts.) | 4.9 (5.18, 4.31)    | — |
| Transmission weight               |                           | 61 (134.5)          | — |

**Drive Units – Automatic Transmission**

|                     |                                    |   |                                  |
|---------------------|------------------------------------|---|----------------------------------|
| Type                |                                    | — | Hydraulic control planetary gear |
| Selector location   |                                    | — | Floor shift                      |
| 5 Gear ratio        | In-first                           | — | 2.950                            |
|                     | In-second                          | — | 1.530                            |
|                     | In-third                           | — | 1.000                            |
|                     | In-fourth                          | — | 0.717                            |
|                     | In-reverse                         | — | 2.678                            |
| Torque converter    | Number of elements                 | — | 3                                |
|                     | Max. ratio at stall                | — | 1.880                            |
|                     | Weight                    kg (lb.) | — | 19.2 (42.3)                      |
| 10 Oil capacity     | liter (US.qts., Imp.qts.)          | — | 15 (15.75, 13.20)                |
| Transfer box weight |                                    | — | 100 (220.5)                      |



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|                                                                              |                            |                            |                                                                                                                                                                                      |                  |
|------------------------------------------------------------------------------|----------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
|                                                                              |                            |                            | 3F                                                                                                                                                                                   |                  |
|                                                                              |                            |                            | 5-Speed M/T                                                                                                                                                                          | 4-Speed A/T      |
| Drive Units – Transfer                                                       |                            |                            |                                                                                                                                                                                      |                  |
| Shift lever location                                                         |                            |                            | Floor shift                                                                                                                                                                          |                  |
| Gear ratios                                                                  | Low                        |                            | 1.963                                                                                                                                                                                |                  |
|                                                                              | High                       |                            | 1.000                                                                                                                                                                                |                  |
| Oil capacity                                                                 |                            | liter (US. qts., Imp qts.) | 2.2 (2.38, 1.94)                                                                                                                                                                     | 2.1 (2.22, 1.85) |
| Transfer weight                                                              |                            | kg (lb)                    | 36.4 (80.3)                                                                                                                                                                          | 37.7 (83.1)      |
| Drive Units – Differential                                                   |                            |                            |                                                                                                                                                                                      |                  |
| Housing type                                                                 |                            |                            | Banjo                                                                                                                                                                                |                  |
| Gear type                                                                    |                            |                            | Hypoid gear                                                                                                                                                                          |                  |
| Axle ratio                                                                   |                            |                            | 4.111 Opt.: 4.111 (LSD), 4.111 (w/diff. lock)                                                                                                                                        |                  |
| No. of pinion                                                                |                            |                            | 2 4*                                                                                                                                                                                 |                  |
| Size of ring gear                                                            |                            |                            | mm (in.) 241.3 (9.5)                                                                                                                                                                 |                  |
| Oil capacity                                                                 |                            |                            | liter (US.qts., Imp.qts.) Front: 3.0 (3.17, 2.64) Rear: 2.5 (2.64, 2.20)                                                                                                             |                  |
| Drive Units – Propeller Shaft * ..... Opt.: Limited slip diff. or Diff. lock |                            |                            |                                                                                                                                                                                      |                  |
| Number used                                                                  |                            |                            | 2                                                                                                                                                                                    |                  |
| Length x Outer dia. x Inner dia.                                             |                            |                            | mm (in.) Front: 580 x 65 x 61.8 (22.8 x 2.6 x 2.4) Rear: 998.5 x 68.9 x 64.3 (39.3 x 2.7 x 2.5) Front: 731 x 65 x 61.8 (28.8 x 2.6 x 2.4) Rear: 852 x 68.9 x 64.3 (33.5 x 2.7 x 2.5) |                  |
| Universal joints                                                             | Number used                |                            | Front: 2 Rear: 2                                                                                                                                                                     |                  |
|                                                                              | Type                       |                            | Cross                                                                                                                                                                                |                  |
| Axle – Front                                                                 |                            |                            |                                                                                                                                                                                      |                  |
| Make & Type                                                                  |                            |                            | TOYOTA, Full-floating                                                                                                                                                                |                  |
| Weight (incl. hubs, brakes, wheels, tyres, but less springs)                 |                            |                            | kg (lb.) 205 (457)                                                                                                                                                                   |                  |
| Distance                                                                     | Center of RH & LH springs  |                            | mm (in.) 746 (29.4)                                                                                                                                                                  |                  |
|                                                                              | Center of RH & LH kingpins |                            | mm (in.) 1,232 (48.5)                                                                                                                                                                |                  |
| Profile                                                                      | Dimensions                 |                            | mm (in.)                                                                                                                                                                             |                  |
|                                                                              | Web thickness              |                            | mm (in.)                                                                                                                                                                             |                  |
| Flange thickness                                                             | mm (in.)                   |                            | mm (in.)                                                                                                                                                                             |                  |
|                                                                              | Strength modulus           | Vertical                   | mm <sup>3</sup>                                                                                                                                                                      | 24,030           |
| Horizontal                                                                   |                            | mm <sup>3</sup>            | 24,030                                                                                                                                                                               |                  |
| Mechanical property                                                          | Material                   |                            | SHP50 (TSG3101)                                                                                                                                                                      |                  |
|                                                                              | Yield point                |                            | kPa 3.92 x 10 <sup>5</sup> or more                                                                                                                                                   |                  |
|                                                                              | Tensile strength           |                            | kPa 4.9 x 10 <sup>5</sup> or more                                                                                                                                                    |                  |
|                                                                              | Brinell hardness           |                            | mm (in.)                                                                                                                                                                             |                  |
| Make                                                                         | KOYO                       |                            |                                                                                                                                                                                      |                  |
|                                                                              | Type                       |                            | Taper roller bearing                                                                                                                                                                 |                  |
| Size (Outer dia. x Inner dia. x Width)                                       | 1. Inner bearing           |                            | mm (in.) 1. 82 x 50 x 21.5 (3.23 x 1.97 x 0.85)                                                                                                                                      |                  |
|                                                                              | 2. Outer bearing           |                            | mm (in.) 2. 73.431 x 45.242 x 19.558 (2.89 x 1.78 x 0.77)                                                                                                                            |                  |
| Part No.                                                                     | 1. Inner bearing           |                            | 1. 90368-49084                                                                                                                                                                       |                  |
|                                                                              | 2. Outer bearing           |                            | 2. 90368-45087                                                                                                                                                                       |                  |

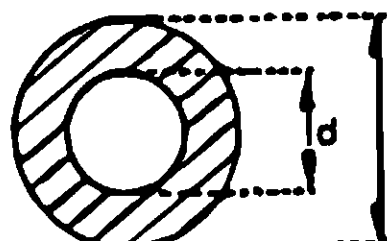


|       |         |
|-------|---------|
| Wagon | Wagon G |
|-------|---------|

Axle – Front (Continued)

|    |                                  |                  |               |          |                                             |    |
|----|----------------------------------|------------------|---------------|----------|---------------------------------------------|----|
| 5  | Wheel alignment                  |                  | Toe-in        | mm (in.) | Bias tire: 4 (0.16) Radial tire: –1 (–0.04) |    |
|    |                                  |                  | Camber        | degree   | 60                                          |    |
|    |                                  |                  | Caster        | degree   | 65                                          | 50 |
|    |                                  |                  | Kingpin angle | degree   | 9.5                                         |    |
|    |                                  |                  | Turning angle | degree   | 21                                          |    |
| 10 | Permissible tolerance & end play | Kingpin          | axial         | mm (in.) | –                                           |    |
|    |                                  |                  | radial        | mm (in.) | –                                           |    |
|    |                                  | Lower ball joint | axial         | mm (in.) | –                                           |    |
|    |                                  |                  | radial        | mm (in.) | –                                           |    |
|    |                                  | Steering ball    | axial         | mm (in.) | –                                           |    |
|    |                                  |                  | radial        | mm (in.) | –                                           |    |

Axle – Rear

|                                                                       |                           |                                                  |                      |                                                                                       |              |
|-----------------------------------------------------------------------|---------------------------|--------------------------------------------------|----------------------|---------------------------------------------------------------------------------------|--------------|
| Make & type                                                           |                           |                                                  |                      | TOYOTA, Semi-floating                                                                 |              |
| Weight (incl. hubs, brakes, wheels, tyres, but less springs) kg (lb.) |                           |                                                  |                      | 166 (366)                                                                             |              |
| Distance (Center of RH & LH springs) mm (in.)                         |                           |                                                  |                      | 1,030 (40.55)                                                                         |              |
| 5<br><br><br><br><br><br><br>10                                       | Axle housing              | Profile of section                               |                      |  | D: 80 (3.15) |
|                                                                       |                           | Dimensions mm (in.)                              |                      |                                                                                       | d: 68 (2.68) |
|                                                                       |                           | Strength modulus                                 | Vertical mm³         | 24,030                                                                                |              |
|                                                                       |                           |                                                  | Horizontal mm³       | 24,030                                                                                |              |
|                                                                       |                           | Mechanical property                              | Material             | SHP50 (TSG501)                                                                        |              |
|                                                                       |                           |                                                  | Yield point kPa      | 3.92 x 10 <sup>5</sup> or more                                                        |              |
|                                                                       |                           |                                                  | Tensile strength kPa | 4.9 x 10 <sup>5</sup> or more                                                         |              |
|                                                                       |                           |                                                  | Brinell hardness     | —                                                                                     |              |
| Min. dia. of rear axle shaft mm (in.)                                 |                           |                                                  |                      | 30.691 (1.21)                                                                         |              |
| 15                                                                    | Axle bearing              | Make                                             |                      | KOYO                                                                                  |              |
|                                                                       |                           | Type                                             |                      | Cylindrical roller bearing                                                            |              |
|                                                                       |                           | Size (Outer dia. x Inner dia. x width)           |                      | 1. —                                                                                  |              |
|                                                                       |                           | 1. Inner<br>2. Outer mm (in.)                    |                      | 2. 70.644 x 47.5 x 27 (2.78 x 1.87 x 1.06)                                            |              |
| 20                                                                    | Axle parallelism mm (in.) | Part No.<br>1. Inner bearing<br>2. Outer bearing |                      | 1. —<br>2. 90365-47013                                                                |              |
|                                                                       |                           |                                                  |                      | ±10 (±0.39)                                                                           |              |



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|  | Wagon | Wagon G |
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Suspension – Front

| Suspension type and description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  | Axle type, Semi-elliptic leaf spring |  |
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| Wagon | Wagon G |
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**Suspension – Rear**

| Suspension type and description |                  |      | Axle type, Semi-elliptic leaf spring                              |                                                                                                                                                                                                             |
|---------------------------------|------------------|------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5<br><br><br><br><br><br><br>10 | Main spring      | Coil | Size (wire dia. x coil dia. x length-effective windings) mm (in.) | —                                                                                                                                                                                                           |
|                                 |                  | Coil | Spring rate kg/mm                                                 | —                                                                                                                                                                                                           |
|                                 |                  |      | Material                                                          | —                                                                                                                                                                                                           |
|                                 |                  |      | Yield point kg/mm <sup>2</sup>                                    | —                                                                                                                                                                                                           |
|                                 |                  |      | Tensile strength kg/mm <sup>2</sup>                               | —                                                                                                                                                                                                           |
|                                 |                  |      | Brinell hardness                                                  | —                                                                                                                                                                                                           |
|                                 | Main spring      | Leaf | Size (length x width x thickness-leaves) mm (in.)                 | 1,200 x 70 x $\frac{7}{6} - \frac{5}{3} \left( 47.2 \times 2.8 \times \frac{0.28}{0.24} - 5 \right)$   1,200 x 70 x $\frac{7}{6} - \frac{5}{2} \left( 47.2 \times 2.8 \times \frac{0.28}{0.24} - 5 \right)$ |
|                                 |                  |      | Spring rate N/mm                                                  | 54.9, 98 (w/helper spring)   53.9                                                                                                                                                                           |
|                                 |                  |      | Material                                                          | SUP6                                                                                                                                                                                                        |
|                                 |                  |      | Yield point kPa                                                   | 1.09 x 10 <sup>6</sup> or more                                                                                                                                                                              |
|                                 |                  |      | Tensile strength kPa                                              | 1.23 x 10 <sup>6</sup> or more                                                                                                                                                                              |
|                                 |                  |      | Brinell hardness                                                  | 388 ~ 461                                                                                                                                                                                                   |
| 15<br><br><br><br><br>20        | Auxiliary spring |      | Size mm (in.)                                                     | —                                                                                                                                                                                                           |
|                                 |                  |      | Spring rate kg/mm                                                 | —                                                                                                                                                                                                           |
|                                 |                  |      | Material                                                          | —                                                                                                                                                                                                           |
|                                 |                  |      | Yield point kg/mm <sup>2</sup>                                    | —                                                                                                                                                                                                           |
|                                 |                  |      | Tensile strength kg/mm <sup>2</sup>                               | —                                                                                                                                                                                                           |
|                                 |                  |      | Brinell hardness                                                  | —                                                                                                                                                                                                           |
| 25                              | Stabilizer       |      | Type                                                              | —   Torsion bar                                                                                                                                                                                             |
|                                 |                  |      | Bar diameter mm (in.)                                             | —   21 (0.83)                                                                                                                                                                                               |
|                                 |                  |      | Arm length mm (in.)                                               | —                                                                                                                                                                                                           |
|                                 |                  |      | Bar length mm (in.)                                               | —                                                                                                                                                                                                           |
|                                 |                  |      | No. of bars                                                       | —                                                                                                                                                                                                           |
| 30                              | Shock absorber   |      | Type                                                              | Double-acting hydraulic telescopic                                                                                                                                                                          |
|                                 |                  |      | Dumping force at 0.3 m/sec. of piston speed (N/mm)                | Rebound: 1,765    Bound: 539                                                                                                                                                                                |



TOYOTA  
TECHNICAL SPECIFICATIONS

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| All Models |
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Steering

|                                      |                                |          |                                                       |
|--------------------------------------|--------------------------------|----------|-------------------------------------------------------|
| Manual (STD, OPT)                    |                                |          | STD                                                   |
| Power (STD, OPT, NA)                 |                                |          | OPT                                                   |
| Wheel diameter                       | Manual                         | mm (in.) | 430 (16.93)                                           |
|                                      | Power                          | mm (in.) | P.P. : 400 (15.75) Urethan : 410 (16.14)              |
| 5<br>Manual                          | Gear                           | Type     | Ball nut                                              |
|                                      |                                | Ratio    | 22.3~25.5                                             |
|                                      | No. wheel turns (Stop to Stop) |          | 4.3                                                   |
|                                      | Oil capacity c.c.              |          | 510                                                   |
|                                      | Type, Make                     |          | Integral, TOYODA KOKI                                 |
| 10<br>Power                          | Gear                           | Type     | Ball nut                                              |
|                                      |                                | Ratio    | 19.13                                                 |
|                                      | No. wheel turns (Stop to Stop) |          | 3.6                                                   |
|                                      | Oil capacity c.c.              |          | 810                                                   |
|                                      | Type, Make                     |          | Integral, TOYODA KOKI                                 |
| 15<br>Steering angle                 | Inner                          | degree   | 32 30*                                                |
|                                      | Outer                          | degree   | 30 28*                                                |
| Free play of steering wheel mm (in.) |                                |          | —                                                     |
| Dia. of tie rod mm (in.)             |                                |          | Outer dia.: 29 (1.14) Inner dia.: 20 (0.79)           |
| Dia. of pitman arm shaft mm (in.)    |                                |          | Manual steering.: 36 (1.42) Power steering: 32 (1.26) |

\* ..... With 9.00-15-6 or 9.00-16-6 tire

Brakes – Parking

|                                 |                                          |                          |                                           |
|---------------------------------|------------------------------------------|--------------------------|-------------------------------------------|
| Type                            |                                          |                          | Mechanical brake operating on rear wheels |
| If separate from service brakes | Drum diameter                            | mm (in.)                 | 295.0 (11.61)                             |
|                                 | Lining size (length x width x thickness) | mm (in.)                 | 296 x 60 x 7 (11.65 x 2.36 x 0.28)        |
|                                 | Total eff-area                           | cm <sup>2</sup> (sq.in.) | 178 (27.6) x 2 x 2                        |



3F

Brakes — Service

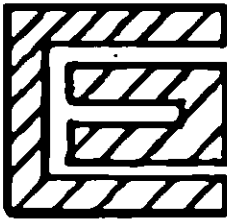
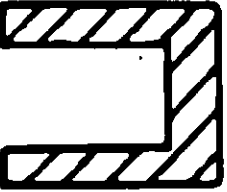
|                                                       |                     |                                                    |                                      |                                      |
|-------------------------------------------------------|---------------------|----------------------------------------------------|--------------------------------------|--------------------------------------|
| Brake                                                 | Type                | Front                                              | Hydraulic disc with vacuum booster   |                                      |
|                                                       |                     | Rear                                               | Hydraulic drum with vacuum booster   |                                      |
|                                                       | Mechanism           | Front                                              | Fixed caliper, opposed cylinder      |                                      |
|                                                       |                     | Rear                                               | Leading and trailing                 |                                      |
| Self adjusting (STD, OPT, NA)                         |                     |                                                    | STD                                  |                                      |
| Special valving<br>Type (proportion, L.S.P.V., other) |                     |                                                    | P & B valve                          |                                      |
| 10                                                    | Front<br>Wheel      | Make & material                                    | SUMITOMO, Resin molded               |                                      |
|                                                       |                     | Size (L x W x T)      mm (in.)                     | 106 x 53 x 10 (4.2 x 2.1 x 0.4)      |                                      |
|                                                       |                     | Area                      cm <sup>2</sup> (sq.in.) | 46 (7.1) x 2 x 2                     |                                      |
|                                                       |                     | Friction area      cm <sup>2</sup> (sq.in.)        | —                                    |                                      |
| 15                                                    | Rear<br>Wheel       | Make & material                                    | NISSINBO or AKEBONO, Resin molded    |                                      |
|                                                       |                     | Size (L x W x T)      mm (in.)                     | 296 x 60 x 7 (11.7 x 2.4 x 0.3)      |                                      |
|                                                       |                     | Area                      cm <sup>2</sup> (sq.in.) | 178 (27.6) x 2 x 2                   |                                      |
|                                                       |                     | Friction area      cm <sup>2</sup> (sq.in.)        | —                                    |                                      |
| Drum diameter                                         |                     | Front      mm (in.)                                | —                                    |                                      |
|                                                       |                     | Rear      mm (in.)                                 | 295.0 (11.6)                         |                                      |
| 20                                                    | Outer diameter      | Front      mm (in.)                                | 302.0 (11.9)                         |                                      |
|                                                       |                     | Rear      mm (in.)                                 | —                                    |                                      |
|                                                       | Lever arm           | Front      mm (in.)                                | 127.0 ( 5.0)                         |                                      |
|                                                       |                     | Rear      mm (in.)                                 | —                                    |                                      |
| 25                                                    | Wheel cylinder bore | Front                      mm (in.)                | 42.85 + 33.96 (1.69 + 1.34)          |                                      |
|                                                       |                     | Rear                      mm (in.)                 | 25.40 (1.00)                         |                                      |
|                                                       | Master cylinder     | Type                                               | Tandem                               |                                      |
|                                                       |                     | Bore                      mm (in.)                 | 22.22 (0.87)                         |                                      |
|                                                       | Booster             | Make & Type                                        | AISIN or JIDOSHAKIKI, Vacuum booster |                                      |
|                                                       |                     | Servo ratio                                        | —                                    |                                      |
| 30                                                    | Brake pipe          | Face treatment                                     | inner                                | Copper-electroplated                 |
|                                                       |                     |                                                    | outer                                | Zinc-electroplated and resin-coating |
|                                                       |                     | Thickness of treatment                             | inner      mm (in.)                  | 0.0025 (0.0001) or more              |
|                                                       |                     |                                                    | outer      mm (in.)                  | 0.025 (0.0009) or more               |



TOYOTA  
TECHNICAL SPECIFICATIONS

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| All Models |
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Frame

|                                               |                                  |                                                                                       |
|-----------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
| Type and description                          |                                  | Ladder type, Box section                                                              |
| 5 Side member                                 | Material                         | SHP 45                                                                                |
|                                               | Yield point kPa                  | $2.94 \times 10^5$ or more                                                            |
|                                               | Tensile strength kPa             | $4.41 \times 10^5$ or more                                                            |
|                                               | Brinell harness                  | —                                                                                     |
| Side member max. section part                 | Cross-sectional shape            |  |
|                                               | Dimension mm (in.)               | 134 x 45 x 4.5 (5.28 x 1.77 x 0.18), 125 x 17 x 3.2 (4.92 x 0.67 x 0.13)              |
|                                               | Strength modulus mm <sup>3</sup> | 48,948                                                                                |
| 10 Side member section at rear spring shackle | Cross-sectional shape            |  |
|                                               | Dimension mm (in.)               | 100 x 55 x 4.5 (3.94 x 2.17 x 0.18), 91 x 45 x 3.2 (3.58 x 1.77 x 0.13)               |
|                                               | Strength modulus mm <sup>3</sup> | 42,576                                                                                |
| 15 Reinforcement (if installed)               | Cross-sectional shape            | —                                                                                     |
|                                               | Dimension mm (in.)               | —                                                                                     |
|                                               | Installed position               | —                                                                                     |

Body – Miscellaneous Information

|                |               |                                                                                   |
|----------------|---------------|-----------------------------------------------------------------------------------|
| Horn           | Make          | ND                                                                                |
|                | Type, Number  | Disc type, 2                                                                      |
|                | Specification | 12V, 113±5 dB                                                                     |
| 5 Wiper        | Make          | ASMO                                                                              |
|                | Type          | Motor type                                                                        |
|                | Specification | High: 68 rpm<br>Low: 48 rpm<br>Int.: 13 rpm<br>Wiping area: 5,428 cm <sup>2</sup> |
| 10 Speedometer | Make          | YAZAKI                                                                            |
|                | Type          | Transmission, eddy-current type                                                   |
|                | Specification | $40^{+6}_{+1.5}$ km/h, 0 ~ 180 km/h                                               |
| Odometer       | Make          | YAZAKI                                                                            |
|                | Type          | Transmission, gear type                                                           |



| Wagon | Wagon G       |           |
|-------|---------------|-----------|
|       | Standard Roof | High Roof |

Glass

|                 |                |     |        |        |       |
|-----------------|----------------|-----|--------|--------|-------|
| Front           | Glass list No. | STD | ①      | ③ ② *1 | ③     |
|                 |                | OPT | ② ③    | ④ ③ *1 | ④     |
| Front Door      | Glass list No. | STD | ⑤      | ⑥      |       |
|                 |                | OPT | ⑥      | ⑦      |       |
| 5 Rear Door     | Glass list No. | STD | ⑤      | ⑥      |       |
|                 |                | OPT | ⑥      | ⑦      |       |
| Door Quarter    | Glass list No. | STD | ⑤      | ⑥      |       |
|                 |                | OPT | ⑥      | ⑦      |       |
| Quarter         | Glass list No. | STD | ⑤ *2 ⑮ | ⑥ *2 ⑪ | ⑪     |
|                 |                | OPT | ⑥ *2 ⑪ | ⑦ *2 ⑫ | ⑫     |
| 10 Rear         | Glass list No. | STD | ⑮      | ⑪      |       |
|                 |                | OPT | ⑧ ⑨ ⑪  | ⑨ ⑩ ⑫  | ⑫ ⑬ ⑭ |
| Door Ventilator | Glass list No. | STD | -      |        |       |
|                 |                | OPT | ⑤ ⑥    | ⑥ ⑦    | -     |

\*1 ..... FJ62LG-MCV, -PCV  
\*2 ..... Slide type

GLASS SPECIFICATION LIST  
ASAHI GLASS

|                    |                  |                   |                                  |                                  |                 |
|--------------------|------------------|-------------------|----------------------------------|----------------------------------|-----------------|
| No.                | ①                | ②                 | ③                                | ④                                | ⑤               |
| Material           | Clear, laminated | Tinted, laminated | Tinted, laminated with top shade | Bronze, laminated with top shade | Clear, tempered |
| Thickness mm (in.) | 5.3 (0.21)       | 5.3 (0.21)        | 5.3 (0.21)                       | 5.3 (0.21)                       | 4.0 (0.16)      |

|                    |                  |                  |                               |                                |                                |
|--------------------|------------------|------------------|-------------------------------|--------------------------------|--------------------------------|
| No.                | ⑥                | ⑦                | ⑧                             | ⑨                              | ⑩                              |
| Material           | Tinted, tempered | Bronze, tempered | Clear, tempered with defogger | Tinted, tempered with defogger | Bronze, tempered with defogger |
| Thickness mm (in.) | 4.0 (0.16)       | 4.0 (0.16)       | 3.5 (0.14)                    | 3.5 (0.14)                     | 3.5 (0.14)                     |

|                    |                  |                  |                                |                                |                 |
|--------------------|------------------|------------------|--------------------------------|--------------------------------|-----------------|
| No.                | ⑪                | ⑫                | ⑬                              | ⑭                              | ⑮               |
| Material           | Tinted, tempered | Bronze, tempered | Tinted, tempered with defogger | Bronze, tempered with defogger | Clear, tempered |
| Thickness mm (in.) | 3.5 (0.14)       | 3.5 (0.14)       | 3.5 (0.14)                     | 3.5 (0.14)                     | 3.5 (0.14)      |



TOYOTA  
TECHNICAL SPECIFICATIONS

|       |         |
|-------|---------|
| Wagon | Wagon G |
|-------|---------|

| Lamps                    |                     |                        |                         |                                            |                                                                                                            |              |
|--------------------------|---------------------|------------------------|-------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------|
| 5                        | Front lamps         | Side turn signal lamp  | Make                    | —                                          |                                                                                                            |              |
|                          |                     |                        | Wattage                 | —                                          |                                                                                                            |              |
|                          |                     | Front turn signal lamp | Make                    | KOITO                                      |                                                                                                            |              |
|                          |                     |                        | Wattage                 | 12V — 23W                                  |                                                                                                            |              |
|                          |                     | Clearance lamp         | Make                    | KOITO                                      |                                                                                                            |              |
|                          |                     |                        | Wattage                 | 12V — 5W                                   |                                                                                                            |              |
|                          |                     | Head-lamp              | Out-side                | Make                                       | KOITO                                                                                                      |              |
|                          |                     |                        |                         | Wattage                                    | 12V — 60/50W Opt.: 12V — 45/40W* <sup>1</sup> , 60/55W* <sup>2</sup> , 24V — 55/50W* <sup>1</sup> , 75/55W |              |
|                          |                     |                        | In-side                 | Make                                       | —                                                                                                          |              |
|                          |                     |                        |                         | Wattage                                    | —                                                                                                          |              |
| 10                       | Rear lamps          | Side marker lamp       | Make                    | —                                          |                                                                                                            |              |
|                          |                     |                        | Wattage                 | —                                          |                                                                                                            |              |
|                          |                     | Reflex reflector       | Make                    | KOITO                                      |                                                                                                            |              |
|                          |                     |                        | No.                     | —                                          |                                                                                                            |              |
|                          |                     | Tail & parking lamp    | Make                    | —                                          |                                                                                                            |              |
|                          |                     |                        | Wattage                 | —                                          |                                                                                                            |              |
|                          |                     | Rear turn signal lamp  | Make                    | KOITO                                      |                                                                                                            |              |
|                          |                     |                        | Wattage                 | 12V — 23W                                  |                                                                                                            |              |
|                          |                     | Stop & tail lamp       | Make                    | KOITO                                      |                                                                                                            |              |
|                          |                     |                        | Wattage                 | 12V — 21/5W                                |                                                                                                            |              |
| 20                       | Rear lamps          | Back-up lamp           | Make                    | KOITO                                      |                                                                                                            |              |
|                          |                     |                        | Wattage                 | 12V — 23W                                  |                                                                                                            |              |
|                          |                     | Licence plate lamp     | Make                    | KOITO                                      |                                                                                                            |              |
|                          |                     |                        | Wattage                 | 12V — 10W 12V — 5W 12V — 10W* <sup>3</sup> |                                                                                                            |              |
|                          |                     | 25                     | Dome lamp               |                                            | Make                                                                                                       | ICHIKO       |
|                          |                     |                        |                         |                                            | Wattage                                                                                                    | 12V — 10W    |
|                          |                     |                        | Glove compartment lamp  |                                            | Make                                                                                                       | KOITO —      |
|                          |                     |                        |                         |                                            | Wattage                                                                                                    | 12V — 1.2W — |
|                          |                     | 30                     | Engine compartment lamp | Make                                       | —                                                                                                          |              |
|                          |                     |                        |                         | Wattage                                    | —                                                                                                          |              |
| Luggage compartment lamp | Make                |                        | —                       |                                            |                                                                                                            |              |
|                          | Wattage             |                        | —                       |                                            |                                                                                                            |              |
|                          | Heater control lamp |                        | Make                    | ICHIKO                                     |                                                                                                            |              |
|                          |                     |                        | Wattage                 | Opt.: 12V — 2W 12V — 2W                    |                                                                                                            |              |

\*1 ... Yellow  
\*2 ... Halogen  
\*3 ... FJ62LG-MCV, -MCZV, -PCV, -PCZV



# TOYOTA TECHNICAL SPECIFICATIONS

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NOTES:

The Technical Specifications herein are those in effect at date of compilation and any change or improvements coming after this date will be notified through Technical Advance Information and Service Bulletin.



**TOYOTA  
TECHNICAL SPECIFICATIONS**

Car Models

| Destination | Model description                    | Engine                    | Model codes                                            |
|-------------|--------------------------------------|---------------------------|--------------------------------------------------------|
| Australia   | TOYOTA LAND CRUISER, Station Wagon   | 3F Gasoline<br>(3,955cc)  | FJ62RV-MCQ                                             |
|             | TOYOTA LAND CRUISER, Station Wagon G | 3F Gasoline<br>(3,955cc)  | FJ62RG-MQ<br>FJ62RG-MZQ<br>FJ62RG-PQ<br>FJ62RG-PZQ     |
|             | TOYOTA LAND CRUISER, Station Wagon   | 2H Diesel<br>(3,980cc)    | HJ60RV-MCQ                                             |
|             | TOYOTA LAND CRUISER, Station Wagon G | 2H Diesel<br>(3,980cc)    | HJ60RG-MQ                                              |
|             | TOYOTA LAND CRUISER, Station Wagon G | 12H-T Diesel<br>(3,980cc) | HJ61RG-MXQ<br>HJ61RG-MZXQ<br>HJ61RG-PXQ<br>HJ61RG-PZXQ |



# TOYOTA

## TECHNICAL SPECIFICATIONS

See pages 122 - 124 for Exterior and Interior Dimensions - Definitions

| Defini-<br>tions<br><br>Ref.<br><br>No. | 3F Gasoline |           |            |
|-----------------------------------------|-------------|-----------|------------|
|                                         | Wagon       | Wagon G   |            |
|                                         | FJ62RV-MCQ  | FJ62RG-MQ | FJ62RG-MZQ |

### Dimensions

|                  |                                         |                    |          |              |                             |                                         |              |
|------------------|-----------------------------------------|--------------------|----------|--------------|-----------------------------|-----------------------------------------|--------------|
| 5                | Overall length                          |                    | mm (in.) | L 103        | 4,750 (187.0)               |                                         |              |
|                  | Overall width                           |                    | mm (in.) | W 103        | 1,800 (70.9)                | 1,800 (70.9) 1,880 (74.0)* <sup>1</sup> |              |
|                  | Overall height                          |                    | mm (in.) | H 101        | 1,825 (71.9) 1,905 (75.0)** | 1,830 (72.0) 1,910 (75.2)**             | 1,935 (76.2) |
|                  | Wheelbase                               |                    | mm (in.) | L 101        | 2,730 (107.5)               |                                         |              |
|                  | Tread-Front                             |                    | mm (in.) | W 101        | 1,475 (58.1)                | 1,475 (58.1) 1,515 (59.6)* <sup>1</sup> |              |
| 10               | Tread-Rear                              |                    | mm (in.) | W 102        | 1,460 (57.5)                | 1,460 (57.5) 1,500 (59.1)* <sup>1</sup> |              |
|                  | Room length                             |                    | mm (in.) | L 99         | 1,740 (68.5)                |                                         |              |
|                  | Room width                              |                    | mm (in.) | W 99         | 1,520 (59.8)                |                                         |              |
|                  | Room height                             |                    | mm (in.) | H 99         | 1,215 (47.8)                | 1,210 (47.6)                            | 1,280 (50.4) |
|                  | Deck length                             | unfolded rear seat | mm (in.) | L 97         | 975 (38.4)                  | 965 (38.0)                              | 955 (37.6)   |
| folded rear seat |                                         | mm (in.)           | L 98     | 1,765 (69.5) | 1,755 (69.1)                | 1,575 (62.0)                            |              |
| 15               | Deck length (Truck)                     |                    | mm (in.) | L 96         |                             |                                         |              |
|                  | Deck width                              |                    | mm (in.) | W 98         | 1,520 (59.8)                |                                         | 1,075 (42.3) |
|                  | Deck height                             |                    | mm (in.) | H 98<br>97   | 1,045 (41.1)                | 1,025 (40.4)                            | 1,125 (44.3) |
|                  | Cab rear end to rear axle (Truck)       |                    | mm (in.) | L 95         |                             |                                         |              |
|                  | Cab rear end to "Hip" point (Truck)     |                    | mm (in.) | L 94         |                             |                                         |              |
| 20               | Ground clearance                        |                    | mm (in.) | H 153        | 225 (8.86)                  |                                         |              |
|                  | Ground clearance on cylindrical surface |                    | mm (in.) | H 154        | 140 (5.51)                  | 130 (5.12)                              |              |
|                  | Overhang                                | Front              | mm (in.) | L 104        | 725 (28.5)                  |                                         |              |
|                  |                                         | Rear               | mm (in.) | L 105        | 1,295 (51.0)                |                                         |              |
|                  |                                         | Body front         | mm (in.) |              | 650 (25.6)                  |                                         |              |
|                  |                                         | Body rear          | mm (in.) |              | 1,175 (46.3)                |                                         |              |
|                  |                                         | Frame front        | mm (in.) |              | 685 (27.0)                  |                                         |              |
| Frame rear       |                                         | mm (in.)           |          | 1,185 (46.7) |                             |                                         |              |
| 25               | Angle of approach                       |                    | degree   | H 106        | 38                          | 39                                      |              |
|                  | Angle of departure                      |                    | degree   | H 107        | 21                          | 22                                      |              |

\*<sup>1</sup> ...With over-fender

\*<sup>2</sup> ...With roof carrier

### Cargo Space

|                                   |                    |                        |                        |     |              |              |  |
|-----------------------------------|--------------------|------------------------|------------------------|-----|--------------|--------------|--|
| Luggage capacity                  |                    |                        | m <sup>3</sup> (cu.ft) | V 1 | —            |              |  |
| Cargo volume (Van, Station wagon) | Unfolded rear seat | m <sup>3</sup> (cu.ft) |                        |     | 1.088 (38.4) | 1.008 (35.6) |  |
|                                   | Folded rear seat   | m <sup>3</sup> (cu.ft) |                        |     | 2.050 (72.4) | 2.181 (77.0) |  |



| 3F Gasoline |            | 2H Diesel  |           | 12H-T Diesel |
|-------------|------------|------------|-----------|--------------|
| Wagon G     |            | Wagon      | Wagon G   |              |
| FJ62RG-PQ   | FJ62RG-PZQ | HJ60RV-MCQ | HJ60RG-MQ | HJ61RG-MXQ   |

Dimensions

|    |                                         |              |                                         |                                         |
|----|-----------------------------------------|--------------|-----------------------------------------|-----------------------------------------|
|    | 4,750 (187.0)                           |              |                                         |                                         |
|    | 1,800 (70.9) 1,880 (74.0)* <sup>1</sup> |              | 1,800 (70.9)                            | 1,800 (70.9) 1,880 (74.0)* <sup>1</sup> |
|    | 1,830 (72.0) 1,910 (75.2)* <sup>2</sup> | 1,935 (76.2) | 1,825 (71.9) 1,905 (75.0)* <sup>2</sup> | 1,830 (72.1) 1,910 (75.2)* <sup>2</sup> |
|    | 2,730 (107.5)                           |              |                                         |                                         |
| 5  | 1,475 (58.1) 1,515 (59.6)* <sup>1</sup> |              | 1,475 (58.1)                            | 1,475 (58.1) 1,515 (59.6)* <sup>1</sup> |
|    | 1,460 (57.5) 1,500 (59.1)* <sup>1</sup> |              | 1,460 (57.5)                            | 1,460 (57.5) 1,500 (59.1)* <sup>1</sup> |
|    | 1,740 (68.5)                            |              |                                         |                                         |
|    | 1,520 (59.8)                            |              |                                         |                                         |
| 10 | 1,210 (47.6)                            | 1,280 (50.4) | 1,215 (47.8)                            | 1,210 (47.6)                            |
|    | 965 (38.0)                              | 955 (37.6)   | 975 (38.4)                              | 965 (38.0)                              |
|    | 1,755 (69.1)                            | 1,575 (62.0) | 1,765 (69.5)                            | 1,755 (69.1)                            |
|    | 1,520 (59.8)                            |              |                                         |                                         |
|    | 1,025 (40.4)                            | 1,125 (44.3) | 1,045 (41.1)                            | 1,025 (40.4)                            |
| 15 | 225 (8.86)                              |              |                                         |                                         |
|    | 130 (5.12)                              | 140 (5.51)   | 130 (5.12)                              |                                         |
|    | 725 (28.5)                              |              |                                         |                                         |
| 20 | 1,295 (51.0)                            |              |                                         |                                         |
|    | 650 (25.6)                              |              |                                         |                                         |
|    | 1,175 (46.3)                            |              |                                         |                                         |
|    | 685 (27.0)                              |              |                                         |                                         |
|    | 1,185 (46.7)                            |              |                                         |                                         |
| 25 | 39                                      | 37           | 38                                      | 37                                      |
|    | 22                                      |              |                                         |                                         |

Cargo Space

|              |              |              |
|--------------|--------------|--------------|
| 1,088 (38.4) | 1,008 (35.6) | 1,088 (38.4) |
| 2,050 (72.4) | 2,181 (77.0) | 2,050 (72.4) |



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See pages 122 - 124 for Exterior and Interior Dimensions - Definitions

Table with 4 columns: Definitions, Ref. No., 12H-T Diesel, Wagon G, and three model-specific columns (HJ61RG-MZXQ, HJ61RG-RXQ, HJ61RG-PZXQ).

Dimensions

Main dimensions table with 5 columns: Item, Unit, Ref. No., and three model-specific columns. Includes rows for Overall length, Overall width, Overall height, Wheelbase, Tread-Front, Tread-Rear, Room length, Room width, Room height, Deck length, Deck width, Deck height, Cab rear end to rear axle, Cab rear end to "Hip" point, Ground clearance, Overhang (Front, Rear, Body front, Body rear, Frame front, Frame rear), Angle of approach, and Angle of departure.

\*1 ..... With over-fender
\*2 ..... With roof carrier

Cargo Space

Cargo space table with 5 columns: Luggage capacity, Cargo volume (Van, Station wagon), and three model-specific columns. Includes rows for Unfolded rear seat and Folded rear seat.



| Defini-<br>tions<br><br>Ref.<br>No. | 3F Gasoline |           |            |
|-------------------------------------|-------------|-----------|------------|
|                                     | Wagon       | Wagon G   |            |
|                                     | FJ62RV-MCQ  | FJ62RG-MQ | FJ62RG-MZQ |

**Vehicle Weights**

|    |                                                      |          |       |          |     |               |  |               |  |               |  |
|----|------------------------------------------------------|----------|-------|----------|-----|---------------|--|---------------|--|---------------|--|
| 5  | Curb weight                                          | kg (lb.) | Front | Std      | WT1 | 935 (2,060)   |  | 940 (2,070)   |  | 925 (2,040)   |  |
|    |                                                      |          |       | Full opt |     | 1,020 (2,250) |  | 1,035 (2,280) |  | 1,040 (2,295) |  |
|    |                                                      |          | Rear  | Std      |     | 1,005 (2,215) |  | 1,035 (2,280) |  | 1,105 (2,435) |  |
|    |                                                      |          |       | Full opt |     | 1,070 (2,360) |  | 1,120 (2,470) |  | 1,200 (2,645) |  |
|    |                                                      |          | Total | Std      |     | 1,940 (4,275) |  | 1,975 (4,350) |  | 2,030 (4,475) |  |
|    |                                                      |          |       | Full opt |     | 2,090 (4,610) |  | 2,155 (4,750) |  | 2,240 (4,940) |  |
|    | Chassis weight with cab<br>(Truck only)              | kg (lb.) | Front |          | WT2 |               |  |               |  |               |  |
|    |                                                      |          | Rear  |          |     |               |  |               |  |               |  |
|    |                                                      |          | Total |          |     |               |  |               |  |               |  |
| 10 | Chassis weight with wind-<br>shield<br>(Truck only)  | kg (lb.) | Front |          | WT3 |               |  |               |  |               |  |
|    |                                                      |          | Rear  |          |     |               |  |               |  |               |  |
|    |                                                      |          | Total |          |     |               |  |               |  |               |  |
| 15 | Normal loaded vehicle weight<br>(for Australia only) |          | Front |          | WT4 | 1,047 (2,308) |  | 1,056 (2,328) |  | 1,050 (2,315) |  |
|    |                                                      |          | Rear  |          |     | 1,349 (2,974) |  | 1,376 (3,034) |  | 1,473 (3,247) |  |
|    |                                                      |          | Total |          |     | 2,396 (5,282) |  | 2,432 (5,362) |  | 2,523 (5,562) |  |
|    | Gross vehicle weight                                 | kg (lb.) | Front |          | WT5 | 1,200 (2,645) |  |               |  | 1,100 (2,425) |  |
|    |                                                      |          | Rear  |          |     | 1,560 (3,440) |  |               |  | 1,810 (3,990) |  |
|    |                                                      |          | Total |          |     | 2,760 (6,085) |  |               |  | 2,910 (6,415) |  |

**Loading Capacity**

|                                  |          |               |     |               |
|----------------------------------|----------|---------------|-----|---------------|
| Max. front axle capacity         |          | kg (lb.)      | CP1 | 1,300 (2,865) |
| Max. rear axle capacity          |          | kg (lb.)      |     | 2,500 (5,510) |
| Max. front axle housing capacity |          | kg (lb.)      | CP2 | —             |
| Max. rear axle housing capacity  |          | kg (lb.)      |     | —             |
| 5 Max. towing weight             | kg (lb.) | with brake    |     | 2,500 (5,510) |
|                                  |          | without brake |     | 750 (1,655)   |
| Max. roof rack load              |          | kg (lb.)      |     | 200 (440)     |



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| Difini-<br>tions<br><br>Ref.<br>No. | 3F Gasoline |            | 2H Diesel  |
|-------------------------------------|-------------|------------|------------|
|                                     | Wagon G     |            | Wagon      |
|                                     | FJ62RG-PQ   | FJ62RG-PZQ | HJ60RV-MCQ |

Vehicle Weights

|    |                                                      |          |       |          |     |               |  |               |  |               |  |
|----|------------------------------------------------------|----------|-------|----------|-----|---------------|--|---------------|--|---------------|--|
| 5  | Curb weight                                          | kg (lb.) | Front | Std      | WT1 | 975 (2,150)   |  | 965 (2,125)   |  | 1,015 (2,240) |  |
|    |                                                      |          |       | Full opt |     | 1,070 (2,360) |  | 1,055 (2,325) |  | 1,090 (2,405) |  |
|    |                                                      |          | Rear  | Std      |     | 1,050 (2,315) |  | 1,120 (2,470) |  | 1,005 (2,215) |  |
|    |                                                      |          |       | Full opt |     | 1,130 (2,490) |  | 1,195 (2,635) |  | 1,075 (2,370) |  |
|    |                                                      |          | Total | Std      |     | 2,025 (4,465) |  | 2,085 (4,595) |  | 2,020 (4,455) |  |
|    |                                                      |          |       | Full opt |     | 2,200 (4,850) |  | 2,250 (4,960) |  | 2,165 (4,775) |  |
|    | Chassis weight with cab<br>(Truck only)              | kg (lb.) | Front |          | WT2 |               |  |               |  |               |  |
|    |                                                      |          | Rear  |          |     |               |  |               |  |               |  |
|    |                                                      |          | Total |          |     |               |  |               |  |               |  |
| 10 | Chassis weight with wind-<br>shield<br>(Truck only)  | kg (lb.) | Front |          | WT3 |               |  |               |  |               |  |
|    |                                                      |          | Rear  |          |     |               |  |               |  |               |  |
|    |                                                      |          | Total |          |     |               |  |               |  |               |  |
| 15 | Normal loaded vehicle weight<br>(for Australia only) |          | Front |          | WT4 | 1,087 (2,396) |  |               |  | 1,122 (2,474) |  |
|    |                                                      |          | Rear  |          |     | 1,374 (3,029) |  | 1,469 (3,239) |  | 1,323 (2,917) |  |
|    |                                                      |          | Total |          |     | 2,461 (5,425) |  | 2,556 (5,635) |  | 2,445 (5,391) |  |
|    | Gross vehicle weight                                 | kg (lb.) | Front |          | WT5 | 1,200 (2,645) |  | 1,100 (2,425) |  | 1,280 (2,820) |  |
|    |                                                      |          | Rear  |          |     | 1,560 (3,440) |  | 1,810 (3,990) |  | 1,480 (3,265) |  |
|    |                                                      |          | Total |          |     | 2,760 (6,085) |  | 2,910 (6,415) |  | 2,760 (6,085) |  |

Loading Capacity

|                                  |          |               |     |               |
|----------------------------------|----------|---------------|-----|---------------|
| Max. front axle capacity         |          | kg (lb.)      | CP1 | 1,300 (2,865) |
| Max. rear axle capacity          |          | kg (lb.)      |     | 2,500 (5,510) |
| Max. front axle housing capacity |          | kg (lb.)      | CP2 | —             |
| Max. rear axle housing capacity  |          | kg (lb.)      |     | —             |
| 5 Max. towing weight             | kg (lb.) | with brake    |     | 2,500 (5,510) |
|                                  |          | without brake |     | 750 (1,655)   |
| Max. roof rack load              |          | kg (lb.)      |     | 200 (440)     |



| 2H Diesel |            | 12H-T Diesel |            |             |
|-----------|------------|--------------|------------|-------------|
| Wagon G   |            |              |            |             |
| HJ60RG-MQ | HJ61RG-MXQ | HJ61RG-MZXQ  | HJ61RG-PXQ | HJ61RG-PZXQ |

Vehicle Weights

|   |               |               |               |               |               |
|---|---------------|---------------|---------------|---------------|---------------|
| 5 | 1,030 (2,270) | 1,070 (2,360) | 1,060 (2,335) | 1,080 (2,380) | 1,070 (2,360) |
|   | 1,120 (2,470) | 1,155 (2,545) | 1,125 (2,480) | 1,135 (2,500) | 1,115 (2,460) |
|   | 1,035 (2,280) | 1,040 (2,295) | 1,110 (2,445) | 1,070 (2,360) | 1,135 (2,500) |
|   | 1,120 (2,470) | 1,110 (2,445) | 1,165 (2,570) | 1,110 (2,445) | 1,170 (2,580) |
|   | 2,065 (4,550) | 2,110 (4,655) | 2,170 (4,780) | 2,150 (4,740) | 2,205 (4,860) |
|   | 2,240 (4,940) | 2,265 (4,990) | 2,290 (5,050) | 2,245 (4,945) | 2,285 (5,040) |

10

|    |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|
| 15 | 1,142 (2,518) | 1,183 (2,608) | 1,168 (2,575) | 1,182 (2,606) | 1,158 (2,553) |
|    | 1,346 (2,967) | 1,335 (2,943) | 1,436 (3,166) | 1,325 (2,921) | 1,443 (3,181) |
|    | 2,488 (5,485) | 2,518 (5,551) | 2,604 (5,741) | 2,507 (5,527) | 2,601 (5,734) |
|    | 1,280 (2,820) |               | 1,175 (2,590) | 1,280 (2,820) | 1,175 (2,590) |
|    | 1,480 (3,265) |               | 1,785 (3,935) | 1,480 (3,265) | 1,785 (3,935) |
|    | 2,760 (6,085) |               | 2,960 (6,525) | 2,760 (6,085) | 2,960 (6,525) |

Loading Capacity

|   |               |
|---|---------------|
|   | 1,300 (2,865) |
|   | 2,500 (5,510) |
|   | —             |
|   | —             |
|   | 2,500 (5,510) |
| 5 | 750 (1,655)   |
|   | 200 (440)     |



TOYOTA  
TECHNICAL SPECIFICATIONS

| 3F Gasoline |           |            |
|-------------|-----------|------------|
| Wagon       | Wagon G   |            |
| FJ62RV-MCQ  | FJ62RG-MQ | FJ62RG-MZQ |

Performance

|    |                        |               |               |                                   |  |
|----|------------------------|---------------|---------------|-----------------------------------|--|
| 5  | Max. speed             |               | km/h (mph)    | —                                 |  |
|    | Max. cruising speed    |               | km/h (mph)    | —                                 |  |
|    | Acceleration           | 0 to 100 km/h | sec.          | —                                 |  |
|    |                        | SS 1/4 mile   | sec.          | —                                 |  |
| 5  | Fuel consumption       | DIN           | km/liter      | —                                 |  |
|    |                        |               | mile/US gal.  | —                                 |  |
|    |                        |               | mile/Imp gal. | —                                 |  |
|    | ECE (Europe only)      | 90 km/h       | ℓ/100km       | —                                 |  |
|    |                        | 120 km/h      | ℓ/100km       | —                                 |  |
|    |                        | ECE mode      | ℓ/100km       | —                                 |  |
| 10 | Max. gradability       | tanθ          | 1st gear      | L1.00 or more / H0.52             |  |
|    |                        |               | 2nd gear      | 0.56 / 0.25                       |  |
|    |                        |               | 3rd gear      | 0.29 / 0.13                       |  |
|    |                        |               | 4th gear      | 0.18 / 0.07                       |  |
|    |                        |               | 5th gear      | 0.15 / 0.05                       |  |
|    |                        |               | Rev. gear     | 1.00 or more / 0.52               |  |
|    |                        |               |               | L1.00 or more / H0.49             |  |
| 15 | Max. permissible speed | km/h (mph)    | 1st gear      | 31 (19)                           |  |
|    |                        |               | 2nd gear      | 57 (36)                           |  |
|    |                        |               | 3rd gear      | 98 (61)                           |  |
|    |                        |               | 4th gear      | 150 (94)                          |  |
|    |                        |               | 5th gear      | —                                 |  |
|    |                        |               |               | 6.2 (20.4) (2WD) 6.7 (22.0) (4WD) |  |
| 20 | Min. turning radius    | m (ft.)       | Body          | 6.7 (22.0) (2WD) 7.2 (23.6) (4WD) |  |
|    |                        |               |               |                                   |  |
| 25 | Slant angle            | degree        | Right         | 44                                |  |
|    |                        |               | Left          | 44                                |  |

Transfer gear:  
L = Low  
H = High



| 3F Gasoline |            | 2H Diesel  |           | 12H-T Diesel |
|-------------|------------|------------|-----------|--------------|
| Wagon G     |            | Wagon      | Wagon G   |              |
| FJ62RG-PQ   | FJ62RG-PZQ | HJ60RV-MCQ | HJ60RG-MQ | HJ61RG-MXQ   |

Performance

|    |                                   |               |                       |                       |
|----|-----------------------------------|---------------|-----------------------|-----------------------|
|    | —                                 |               |                       |                       |
|    | —                                 |               |                       |                       |
|    | —                                 |               |                       |                       |
|    | —                                 |               |                       |                       |
|    | —                                 |               |                       |                       |
| 5  | —                                 |               |                       |                       |
|    | —                                 |               |                       |                       |
|    | —                                 |               |                       |                       |
|    | —                                 |               |                       |                       |
|    | —                                 |               |                       |                       |
| 10 | —                                 |               |                       |                       |
|    | L0.67 / H0.28                     | L0.62 / H0.27 | L1.00 or more / H0.43 | L1.00 or more / H0.57 |
|    | 0.29 / 0.13                       | 0.27 / 0.12   | 0.47 / 0.21           | 0.62 / 0.27           |
|    | 0.18 / 0.07                       | 0.17 / 0.07   | 0.24 / 0.11           | 0.31 / 0.14           |
|    | 0.12 / 0.03                       | 0.11 / 0.03   | 0.15 / 0.06           | 0.19 / 0.08           |
|    | —                                 |               | 0.12 / 0.04           | 0.16 / 0.06           |
| 15 | 0.58 / 0.25                       | 0.54 / 0.24   | 1.00 or more / 0.43   | 1.00 or more / 0.57   |
|    | 50 (31)                           |               | 26 (16)               |                       |
|    | 97 (61)                           |               | 47 (29)               |                       |
|    | 150 (94)                          |               | 82 (51)               |                       |
| 20 | —                                 |               | 140 (87)              |                       |
|    | —                                 |               |                       |                       |
|    | 6.2 (20.4) (2WD) 6.7 (22.0) (4WD) |               |                       |                       |
|    | 6.7 (22.0) (2WD) 7.2 (23.6) (4WD) |               |                       |                       |
|    | 44                                |               |                       |                       |
|    | 44                                |               |                       |                       |
| 25 |                                   |               |                       |                       |



TOYOTA  
TECHNICAL SPECIFICATIONS

|              |            |             |
|--------------|------------|-------------|
| 12H-T Diesel |            |             |
| Wagon G      |            |             |
| HJ61RG-MZXQ  | HJ61RG-PXQ | HJ61RG-PZXQ |

Performance

|                                             |                    |                                   |               |               |  |
|---------------------------------------------|--------------------|-----------------------------------|---------------|---------------|--|
| Max. speed                                  |                    | km/h (mph)                        | —             |               |  |
| Max. cruising speed                         |                    | km/h (mph)                        | —             |               |  |
| Acceleration                                | 0 to 100 km/h sec. |                                   | —             |               |  |
|                                             | SS 1/4 mile sec.   |                                   | —             |               |  |
| 5<br><br>Fuel consumption                   | DIN                | km/liter                          | —             |               |  |
|                                             |                    | mile/US gal.                      | —             |               |  |
|                                             |                    | mile/Imp gal.                     | —             |               |  |
|                                             | ECE (Europe only)  | 90 km/h ℓ/100km                   | —             |               |  |
|                                             |                    | 120 km/h ℓ/100km                  | —             |               |  |
|                                             |                    | ECE mode ℓ/100km                  | —             |               |  |
| 10<br><br>Max. gradability tanθ             | 1st gear           | L1.00 or more / H0.52             | L0.74 / H0.31 | L0.66 / H0.28 |  |
|                                             | 2nd gear           | 0.56 / 0.25                       | 0.31 / 0.14   | 0.29 / 0.13   |  |
|                                             | 3rd gear           | 0.29 / 0.13                       | 0.19 / 0.08   | 0.18 / 0.07   |  |
|                                             | 4th gear           | 0.18 / 0.07                       | 0.13 / 0.04   | 0.12 / 0.04   |  |
|                                             | 5th gear           | 0.15 / 0.05                       | —             |               |  |
|                                             | Rev. gear          | 1.00 or more / 0.52               | 0.64 / 0.27   | 0.58 / 0.25   |  |
| 15<br><br>Max. permissible speed km/h (mph) | 1st gear           | 26 (16)                           | 42 (26)       |               |  |
|                                             | 2nd gear           | 47 (29)                           | 81 (51)       |               |  |
|                                             | 3rd gear           | 82 (51)                           | 140 (87)      |               |  |
|                                             | 4th gear           | 140 (87)                          | —             |               |  |
|                                             | 5th gear           | —                                 |               |               |  |
| 20<br><br>Min. turning radius m (ft.)       | Tire               | 6.2 (20.4) (2WD) 6.7 (22.0) (4WD) |               |               |  |
|                                             | Body               | 6.7 (22.0) (2WD) 7.2 (23.6) (4WD) |               |               |  |
| 25<br><br>Slant angle degree                | Right              | 44                                |               |               |  |
|                                             | Left               | 44                                |               |               |  |

Transfer gear:  
L = Low  
H = High



| 3F          |             |
|-------------|-------------|
| 5-Speed M/T | 4-Speed A/T |

**Engine – General**

|                                  |                              |                               |                                 |                                 |
|----------------------------------|------------------------------|-------------------------------|---------------------------------|---------------------------------|
| Model                            |                              | 3F, Gasoline                  |                                 |                                 |
| Engine installation location     |                              | Front, longitudinally mounted |                                 |                                 |
| Type No. Cyls. Valve arrangement |                              | In-line, 6-cyl., O.H.V.       |                                 |                                 |
| Bore and stroke                  |                              | mm (in.)                      | 94.0 x 95.0 (3.70 x 3.74)       |                                 |
| 5                                | Piston displacement          |                               | cc (cu.in.)                     | 3,955 (241.4)                   |
|                                  | Compression ratio            |                               | 8.1                             |                                 |
|                                  | Compression pressure         |                               | KPa                             | 1,030                           |
| Max. permissible rpm             | continuous rpm               |                               | 4,200                           |                                 |
|                                  | momentary rpm                |                               | 4,600                           |                                 |
| 10                               | No. of compression ring/cyl. |                               | 2                               |                                 |
|                                  | No. of oil ring/cyl.         |                               | 1                               |                                 |
|                                  | No. of main bearings         |                               | 4                               |                                 |
| Max. BHP                         | SAE GROSS kw/rpm             |                               | 116/4,200                       |                                 |
|                                  | DIN or EEC kw/rpm            |                               | 110/4,200                       |                                 |
| 15 Max. Torque                   | SAE GROSS N-m/rpm            |                               | 294/2,200                       |                                 |
|                                  | DIN or EEC N-m/rpm           |                               | 284/2,200                       |                                 |
| Vacuum at idling speed           |                              | KPa/rpm                       | 56/650                          | 56/750                          |
| Engine dimension (L x W x H)     |                              | mm (in.)                      | 971x564x806 (38.23x22.20x31.73) | 955x564x806 (37.60x22.20x31.73) |
| Engine service weight            |                              | kg (lb.)                      | 251 (553.3)                     | 240 (529.1)                     |

**Engine – Valve System**

|                   |         |                  |                                |
|-------------------|---------|------------------|--------------------------------|
| Valve timing      | intake  | opens (°BTDC)    | 22                             |
|                   |         | closes (°ABDC)   | 48                             |
|                   | exhaust | opens (°BBDC)    | 60                             |
|                   |         | closes (°ATDC)   | 10                             |
| 5 Valve clearance |         | intake mm (in.)  | 0.20 (0.008) (with engine hot) |
|                   |         | exhaust mm (in.) | 0.35 (0.014) (with engine hot) |



TOYOTA  
TECHNICAL SPECIFICATIONS

|             |             |
|-------------|-------------|
| 2H          | 12H-T       |
| 5-Speed M/T | 4-Speed A/T |

Engine – General

|                                  |                              |                                          |                                                                 |
|----------------------------------|------------------------------|------------------------------------------|-----------------------------------------------------------------|
| Model                            |                              | 2H, Diesel                               | 12H-T, Diesel                                                   |
| Engine installation location     |                              | Front, longitudinally mounted            |                                                                 |
| Type No. Cyls. Valve arrangement |                              | In-line, 6-cyl., O.H.V.                  |                                                                 |
| Bore and stroke                  |                              | mm (in.) 91.0 x 102.0 (3.58 x 4.02)      |                                                                 |
| Piston displacement              |                              | cc (cu.in.) 3,980 (242.9)                |                                                                 |
| 5                                | Compression ratio            | 20.7                                     | 18.6                                                            |
|                                  | Compression pressure         | KPa 2,746                                | 2,942                                                           |
| Max. permissible rpm             | continuous rpm               | 3,500                                    |                                                                 |
|                                  | momentary rpm                | 4,100                                    |                                                                 |
| 10                               | No. of compression ring/cyl. |                                          | 2                                                               |
|                                  | No. of oil ring/cyl.         |                                          | 1                                                               |
|                                  | No. of main bearings         |                                          | 7                                                               |
| Max. BHP                         | SAE GROSS kw/rpm             |                                          | —                                                               |
|                                  | DIN or EEC kw/rpm            |                                          | 76/3,500 100/3,500                                              |
| 15 Max. Torque                   | SAE GROSS N-m/rpm            |                                          | —                                                               |
|                                  | DIN or EEC N-m/rpm           |                                          | 241/1,800 315/1,800                                             |
| Vacuum at idling speed           |                              | KPa/rpm —                                |                                                                 |
| Engine dimension (L x W x H)     |                              | mm (in.) 973x553x692 (38.31x21.77x27.24) | 973x616x755 (38.31x24.25x29.72) 940x616x755 (37.01x24.25x29.72) |
| Engine service weight            |                              | kg (lb.) 334 (736.4)                     | 362 (798.1) 350 (771.6)                                         |

Engine – Valve System

|                   |         |                 |                                         |    |
|-------------------|---------|-----------------|-----------------------------------------|----|
| Valve timing      | intake  | opens (° BTDC)  | 16                                      |    |
|                   |         | closes (° ABDC) | 48                                      | 30 |
|                   | exhaust | opens (° BBDC)  | 52                                      |    |
|                   |         | closes (° ATDC) | 14                                      |    |
| 5 Valve clearance | intake  |                 | mm (in.) 0.20 (0.008) (with engine hot) |    |
|                   | exhaust |                 | mm (in.) 0.36 (0.014) (with engine hot) |    |



|    |           |
|----|-----------|
| 3F | 2H, 12H-T |
|----|-----------|

Engine – Lubrication System

|                         |                                                        |                                 |                        |
|-------------------------|--------------------------------------------------------|---------------------------------|------------------------|
| Type of lubrication     |                                                        | Full pressure                   |                        |
| Oil pump type           |                                                        | Gear                            | Trochoid               |
| Oil filter type, system |                                                        | Paper filter element, full flow |                        |
| 5 Oil capacity          | Dry Refill with Filter<br>ℓ (US.qts., Imp.qts.)        | 8.0 (8.45, 7.04)                | 13.0 (13.74, 11.44)    |
|                         | Drain & Refill with Filter<br>ℓ (US.qts., Imp.qts.)    | 7.8 (8.24, 6.86)                | 10.7 (11.31, 9.42)     |
|                         | Drain & Refill without Filter<br>ℓ (US.qts., Imp.qts.) | 7.0 (7.40, 6.16)                | 9.1 ( 9.62, 8.01)      |
| Oil cooler type         |                                                        | Opt.: Outside, water-cooled     | Built-in, water-cooled |

Engine – Cooling System

|                            |                    |                                                                    |                            |
|----------------------------|--------------------|--------------------------------------------------------------------|----------------------------|
| System                     |                    | –                                                                  | Water-cooled, V-belt drive |
| Fan                        | Number of blades   | 7                                                                  | 8                          |
|                            | Diameter mm (in.)  | 450 (17.72)                                                        |                            |
|                            | Material           | P.P.G.                                                             |                            |
| 5 Coupling                 | Type               | Fluid                                                              |                            |
|                            | Oil viscosity      | 10,000 cst                                                         |                            |
| Water pump type            |                    | Centrifugal, V-belt drive                                          |                            |
| Radiator core type         |                    | Vertical type, corrugated fin                                      | Corrugated fin & tube      |
| 10 Cooling system capacity | with heater *1 ℓ   | 17.5 (18.50, 15.40) 19.0 (20.08, 16.72)*2<br>19.5 (20.61, 17.16)*3 | 15.4 (16.28, 13.55)        |
|                            | without heater*1 ℓ | 15.5 (16.38, 13.64)                                                | 13.0 (13.74, 11.44)        |
| Coolingsystem temperature  | Normal °C (°F)     | 88 (190.4)                                                         | 82 (179.6)                 |
|                            | Overheat °C (°F)   | 110 (230.0)                                                        |                            |

\*1 ... ( ) = U.S. qts., Imp. qts.  
With front and rear heaters:  
\*2 ... Manual T/M models  
\*3 ... Automatic T/M models

Engine – Fuel System

|                            |                    |                                |   |
|----------------------------|--------------------|--------------------------------|---|
| Carburetor type, No., Make |                    | Down draft, 2-barrel, 1, AISAN | – |
| Throttle bore dia.         | Primary mm (in.)   | 38 (1.50)                      | – |
|                            | Secondary mm (in.) | 40 (1.58)                      | – |
| Main venturi dia           | Primary mm (in.)   | 32 (1.26)                      | – |
|                            | Secondary mm (in.) | 36 (1.42)                      | – |
| 5 Main jet dia.            | Primary mm (in.)   | 1.33 (0.052)                   | – |
|                            | Secondary mm (in.) | 2.20 (0.087)                   | – |



# TOYOTA TECHNICAL SPECIFICATIONS

|    |    |       |
|----|----|-------|
| 3F | 2H | 12H-T |
|----|----|-------|

## Engine — Fuel System (Continued)

|                         |                           |          |                   |   |
|-------------------------|---------------------------|----------|-------------------|---|
| Slow jet dia.           | Primary                   | mm (in.) | 0.65 (0.026)      | — |
|                         | Secondary                 | mm (in.) | 0.90 (0.035)      | — |
| Power jet dia.          |                           | mm (in.) | 1.10 (0.043)      | — |
| Economizer jet dia.     |                           | mm (in.) | 1.55 (0.061)      | — |
| 5 Fuel injection system | Fuel injection type       |          | —                 |   |
|                         | Injection pump type, Make |          | —                 |   |
|                         | Delivered quantity        | ℓ/h      | —                 |   |
| Choke type              |                           |          | Manual            | — |
| Fuel pump type          |                           |          | Diaphragm         | — |
| Fuel filter type        |                           |          | Paper             |   |
| 10 Fuel tank capacity   | ℓ (US. gal., Imp. gal.)   |          | 90 (23.78, 19.80) |   |

## Engine — Fuel System (Diesel)

|                  |                       |          |             |                 |
|------------------|-----------------------|----------|-------------|-----------------|
| Injection timing |                       | —        | 18° BTDC    | 11° BTDC        |
| Injection order  |                       | —        | 1—4—2—6—3—5 |                 |
| Fuel pump type   |                       | —        | Plunger     |                 |
| 5 Injection pump | Type                  | —        | BOSCH       |                 |
|                  | Make                  | —        | ND          |                 |
|                  | Plunger dia.          | mm (in.) | 7 (0.28)    | 9 (0.35)        |
|                  | Cam lift              | mm (in.) | 8 (0.32)    | 9 (0.35)        |
|                  | Automatic timer type  |          | Centrifugal |                 |
|                  | Injection nozzle type |          | Throttle    | Multi-hole      |
|                  | Nozzle dia.           | mm (in.) | 1.00 (0.04) | 0.25 (0.01) x 5 |
| 10               | Injection pressure    |          | kPa         | 11,768 20,104   |
| Glow plug        | Type                  |          | Sheathed    | —               |
|                  | V & Amp               |          | 6 & 9.6     | —               |

## Engine — Fuel

|               |           |            |
|---------------|-----------|------------|
| Octane number | 83*1 91*2 | —          |
| Cetane number | —         | 50 or more |

\*1 ... Motor Octane Number

\*2 ... Research Octane Number



|    |    |       |
|----|----|-------|
| 3F | 2H | 12H-T |
|----|----|-------|

Engine – Ignition System

|                 |                    |                                 |   |
|-----------------|--------------------|---------------------------------|---|
| Ignition type   |                    | Ignition type                   | — |
| Ignition timing |                    | 7° BTDC                         | — |
| Firing order    |                    | 1-5-3-6-2-4                     | — |
| 5 Spark plug    | Model              | W14EX-U, BP4EY                  | — |
|                 | Make               | ND      NGK                     | — |
|                 | Dia. — length      | mm (in.)      14-19 (0.55-0.75) | — |
|                 | Gap                | mm (in.)      0.8 (0.032)       | — |
| 10 Distributor  | Heel gap           | mm (in.)      0.3 (0.012)       | — |
|                 | Cam closing angle  | degree      41                  | — |
|                 | Point pressure     | g      500                      | — |
|                 | Condenser capacity | μF      0.22                    | — |

Engine – Electrical System

|                     |                    |           |     |
|---------------------|--------------------|-----------|-----|
| Battery             | Model, No.         | 75D31R, 1 |     |
|                     | Voltage & Amp. hr. | 12 — 70   |     |
|                     | Specific gravity   | 1.25~1.27 |     |
|                     | Terminal grounded  | Negative  |     |
| 5 Alternator output | Watts              | 780       | 960 |
|                     | KW                 | 1.0       | 2.5 |

Ampere Hour is the reading at 20-hour run.



TOYOTA  
TECHNICAL SPECIFICATIONS

|    |    |       |
|----|----|-------|
| 3F | 2H | 12H-T |
|----|----|-------|

Engine — Electrical (Continued)

| Engine Model | CENTRIFUGAL ADVANCE<br>Distributor Degrees at Distributor RPM |                   | VACUUM ADVANCE<br>Distributor Degrees at kPa of Mercury |                |
|--------------|---------------------------------------------------------------|-------------------|---------------------------------------------------------|----------------|
|              | Start                                                         | Maximum           | Start                                                   | Maximum        |
| 3F           | 0° / 500 rpm                                                  | 11.5° / 1,800 rpm | 0° / 10.7 kPa                                           | 12° / 48.0 kPa |
| 2H           | —                                                             | —                 | —                                                       | —              |
| 12H-T        | —                                                             | —                 | —                                                       | —              |

Engine — Electrical — Suppression

|          |                                                                                                                   |   |
|----------|-------------------------------------------------------------------------------------------------------------------|---|
| Type     | Resistive cord                                                                                                    | — |
| Make     | YAZAKI                                                                                                            | — |
| Material | Rubber                                                                                                            | — |
| Mark     | YAZAKI 1984 R-16<br>AIRP-B  16 | — |



| 3F          |             |
|-------------|-------------|
| 5-Speed M/T | 4-Speed A/T |

**Drive Units – Clutch (Manual Transmission)**

|                                |               |                                           |                          |
|--------------------------------|---------------|-------------------------------------------|--------------------------|
| Make & type                    |               | AISIN, Dry type single plate clutch       | —                        |
| Type of pressure plate springs |               | Diaphragm                                 | —                        |
| No. of clutch driven discs     |               | 1                                         | —                        |
| 5                              | Clutch facing | Outside & inside dia. mm (in.)            | 275 x 175 (10.83 x 6.89) |
|                                |               | Thickness mm (in.)                        | 3.5 (0.14)               |
|                                |               | Total eff. area cm <sup>2</sup> (sq. in.) | 353 (54.72)              |
| Weight                         | Clutch cover  | kg (lb.)                                  | 9.270 (20.4)             |
|                                | Clutch disc   | kg (lb.)                                  | 1.825 (4.02)             |

**Drive Units – Manual Transmission**

|                                   |              |                           |                     |   |
|-----------------------------------|--------------|---------------------------|---------------------|---|
| Number of forward speeds          |              | 5                         | —                   |   |
| Shift lever location              |              | Floor shift               | —                   |   |
| 5                                 | Gear ratio   | In-first                  | 4.843 (synchromesh) | — |
|                                   |              | In-second                 | 2.618 (synchromesh) | — |
|                                   |              | In-third                  | 1.516 (synchromesh) | — |
|                                   |              | In-fourth                 | 1.000 (synchromesh) | — |
|                                   |              | In-fifth                  | 0.845 (synchromesh) | — |
|                                   |              | Extra low (4WD)           | —                   | — |
|                                   |              | In-reverse                | 4.843               | — |
| Synchronous meshing specify gears |              | 5                         | —                   |   |
| 10                                | Oil capacity | liter (US.qts., Imp.qts.) | 4.9 (5.18, 4.31)    | — |
| Transmission weight               |              | kg (lb.)                  | 61 (134.5)          | — |

**Drive Units – Automatic Transmission**

|                                        |                  |                     |                                  |
|----------------------------------------|------------------|---------------------|----------------------------------|
| Type                                   |                  | —                   | Hydraulic control planetary gear |
| Selector location                      |                  | —                   | Floor shift                      |
| 5                                      | Gear ratio       | In-first            | 2.950                            |
|                                        |                  | In-second           | 1.530                            |
|                                        |                  | In-third            | 1.000                            |
|                                        |                  | In-fourth           | 0.717                            |
|                                        |                  | In-reverse          | 2.678                            |
| 10                                     | Torque converter | Number of elements  | 3                                |
|                                        |                  | Max. ratio at stall | 1.880                            |
|                                        |                  | Weight kg (lb.)     | 19.2 (42.3)                      |
| Oil capacity liter (US.qts., Imp.qts.) |                  | —                   | 15 (15.75, 13.20)                |
| Transfer box weight kg (lb.)           |                  | —                   | 100 (220.5)                      |



TOYOTA  
TECHNICAL SPECIFICATIONS

| 2H          | 12H-T       |
|-------------|-------------|
| 5-Speed M/T | 4-Speed A/T |

Drive Units – Clutch (Manual Transmission)

|                                |                                 |                                                 |                                     |   |   |
|--------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------|---|---|
| Make & type                    |                                 |                                                 | AISIN, Dry type single plate clutch |   | — |
| Type of pressure plate springs |                                 |                                                 | Diaphragm                           |   | — |
| No. of clutch driven discs     |                                 |                                                 | 1                                   |   | — |
| 5                              | Clutch facing                   | Outside & inside dia.   mm (in.)                | 275 x 175 (10.83 x 6.89)            |   | — |
|                                |                                 | Thickness                   mm (in.)            | 3.5 (0.14)                          |   | — |
|                                |                                 | Total eff. area       cm <sup>2</sup> (sq. in.) | 353 (54.72)                         |   | — |
| Weight                         | Clutch cover           kg (lb.) | 9.130 (20.1)                                    | 9.175 (20.2)                        | — |   |
|                                | Clutch disc           kg (lb.)  | 2.050 (4.52)                                    |                                     | — |   |

Drive Units – Manual Transmission

|                                   |              |                           |                     |   |
|-----------------------------------|--------------|---------------------------|---------------------|---|
| Number of forward speeds          |              | 5                         | —                   |   |
| Shift lever location              |              | Floor shift               | —                   |   |
| 5                                 | Gear ratio   | In-first                  | 4.843 (synchromesh) | — |
|                                   |              | In-second                 | 2.618 (synchromesh) | — |
|                                   |              | In-third                  | 1.516 (synchromesh) | — |
|                                   |              | In-fourth                 | 1.000 (synchromesh) | — |
|                                   |              | In-fifth                  | 0.845 (synchromesh) | — |
|                                   |              | Extra low (4WD)           | —                   | — |
|                                   |              | In-reverse                | 4.843               | — |
| Synchronous meshing specify gears |              | 5                         | —                   |   |
| 10                                | Oil capacity | liter (US.qts., Imp.qts.) | 4.9 (5.18, 4.31)    | — |
| Transmission weight               |              | kg (lb.)                  | 61 (134.5)          | — |

Drive Units – Automatic Transmission

|                                        |                  |                     |                                  |
|----------------------------------------|------------------|---------------------|----------------------------------|
| Type                                   |                  | —                   | Hydraulic control planetary gear |
| Selector location                      |                  | —                   | Floor shift                      |
| 5                                      | Gear ratio       | In-first            | 2.950                            |
|                                        |                  | In-second           | 1.530                            |
|                                        |                  | In-third            | 1.000                            |
|                                        |                  | In-fourth           | 0.717                            |
|                                        |                  | In-reverse          | 2.678                            |
| 10                                     | Torque converter | Number of elements  | 3                                |
|                                        |                  | Max. ratio at stall | 1.880                            |
|                                        |                  | Weight kg (lb.)     | 19.2 (42.3)                      |
| Oil capacity liter (US.qts., Imp.qts.) |                  | —                   | 15 (15.75, 13.20)                |
| Transfer box weight kg (lb.)           |                  | —                   | 100 (220.5)                      |



|             |             |
|-------------|-------------|
| 3F          |             |
| 5-Speed M/T | 4-Speed A/T |

Drive Units – Transfer

|                                                              |      |                  |                  |
|--------------------------------------------------------------|------|------------------|------------------|
| Shift lever location                                         |      | Floor shift      |                  |
| Gear ratios                                                  | Low  | 1.963            |                  |
|                                                              | High | 1.000            |                  |
| Oil capacity                      liter (US. qts., Imp qts.) |      | 2.2 (2.33, 1.94) | 2.1 (2.22, 1.85) |
| Transfer weight                                      kg (lb) |      | 36.4 (80.3)      | 37.7 (83.1)      |

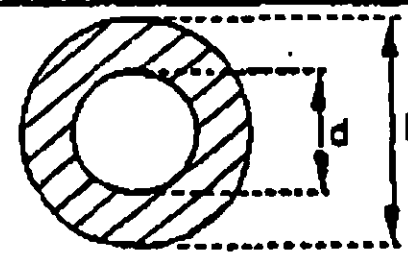
Drive Units – Differential

|                                                                               |  |                                                   |  |
|-------------------------------------------------------------------------------|--|---------------------------------------------------|--|
| Housing type                                                                  |  | Banjo                                             |  |
| Gear type                                                                     |  | Hypoid gear                                       |  |
| Axle ratio                                                                    |  | 4.111    Opt.: 4.111 (LSD), 4.111 (w/diff. lock)  |  |
| No. of pinion                                                                 |  | 2    4*                                           |  |
| Size of ring gear                                      mm (in.)               |  | 241.3 (9.5)                                       |  |
| 5 Oil capacity                                      liter (US.qts., Imp.qts.) |  | Front: 3.0 (3.17, 2.64)    Rear: 2.5 (2.64, 2.20) |  |

Drive Units – Propeller Shaft                                      \* ..... Opt.: Limited slip diff. or Diff. lock

|                                                                                |             |                                                                                                 |                                                                                               |
|--------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Number used                                                                    |             | 2                                                                                               |                                                                                               |
| Length x Outer dia. x Inner dia.                                      mm (in.) |             | Front: 580 x 65 x 61.8<br>(22.8 x 2.6 x 2.4)<br>Rear: 998.5 x 68.9 x 64.3<br>(39.3 x 2.7 x 2.5) | Front: 731 x 65 x 61.8<br>(28.8 x 2.6 x 2.4)<br>Rear: 852 x 68.9 x 64.3<br>(33.5 x 2.7 x 2.5) |
| 5 Universal joints                                                             | Number used | Front: 2    Rear: 2                                                                             |                                                                                               |
|                                                                                | Type        | Cross                                                                                           |                                                                                               |

5 Axle – Front

|                                                                       |                                     |                                        |                 |                                                                                       |                                        |  |
|-----------------------------------------------------------------------|-------------------------------------|----------------------------------------|-----------------|---------------------------------------------------------------------------------------|----------------------------------------|--|
| Make & Type                                                           |                                     |                                        |                 | TOYOTA, Full-floating                                                                 |                                        |  |
| Weight (incl. hubs, brakes, wheels, tyres, but less springs) kg (lb.) |                                     |                                        |                 | 205 (457)                                                                             |                                        |  |
| Distance                                                              | Center of RH & LH springs mm (in.)  |                                        |                 | 746 (29.4)                                                                            |                                        |  |
|                                                                       | Center of RH & LH kingpins mm (in.) |                                        |                 | 1,232 (48.5)                                                                          |                                        |  |
| 5                                                                     | Profile                             |                                        |                 |  |                                        |  |
|                                                                       | Dimensions mm (in.)                 |                                        |                 |                                                                                       |                                        |  |
|                                                                       | Web thickness mm (in.)              |                                        |                 |                                                                                       |                                        |  |
|                                                                       | Flange thickness mm (in.)           |                                        |                 |                                                                                       |                                        |  |
| Axle beam                                                             | Strength modulus                    | Vertical                               | mm <sup>3</sup> | 24,030                                                                                |                                        |  |
|                                                                       |                                     | Horizontal                             | mm <sup>3</sup> | 24,030                                                                                |                                        |  |
|                                                                       | Mechanical property                 | Material                               |                 |                                                                                       | SHP50 (TSG3101)                        |  |
|                                                                       |                                     | Yield point kPa                        |                 |                                                                                       | 3.92 x 10 <sup>5</sup> or more         |  |
|                                                                       |                                     | Tensile strength kPa                   |                 |                                                                                       | 4.9 x 10 <sup>5</sup> or more          |  |
|                                                                       |                                     | Brinell hardness                       |                 |                                                                                       | ---                                    |  |
|                                                                       | 15                                  | Make                                   |                 |                                                                                       | KOYO                                   |  |
|                                                                       |                                     | Type                                   |                 |                                                                                       | Taper roller bearing                   |  |
| Axle bearing                                                          |                                     | Size (Outer dia. x Inner dia. x Width) |                 |                                                                                       |                                        |  |
|                                                                       |                                     | 1. Inner bearing                       |                 |                                                                                       | 1. 82 x 50 x 21.5 (3.23 x 1.97 x 0.85) |  |
| 20                                                                    | 2. Outer bearing mm (in.)           |                                        |                 | 2. 73.431 x 45.242 x 19.558 (2.89 x 1.78 x 0.77)                                      |                                        |  |
|                                                                       | Part No.                            |                                        |                 |                                                                                       |                                        |  |
|                                                                       | 1. Inner bearing                    |                                        |                 | 1. 90368-49084                                                                        |                                        |  |
|                                                                       | 2. Outer bearing                    |                                        |                 | 2. 90368-45087                                                                        |                                        |  |



TOYOTA  
TECHNICAL SPECIFICATIONS

|             |             |
|-------------|-------------|
| 2H          | 12H-T       |
| 5-Speed M/T | 4-Speed A/T |

Drive Units – Transfer

|                                         |                                   |
|-----------------------------------------|-----------------------------------|
| Shift lever location                    | Floor shift                       |
| Gear ratios                             | Low 1.963                         |
|                                         | High 1.000                        |
| Oil capacity liter (US. qts., Imp qts.) | 2.2 (2.33, 1.94) 2.1 (2.22, 1.85) |
| Transfer weight kg (lb)                 | 36.4 (80.3) 37.7 (83.1)           |

Drive Units – Differential

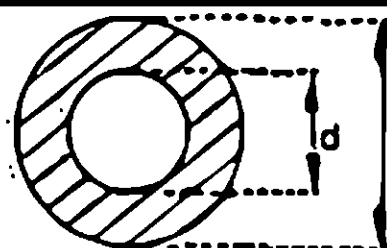
|                                        |                                                |
|----------------------------------------|------------------------------------------------|
| Housing type                           | Banjo                                          |
| Gear type                              | Hypoid gear                                    |
| Axle ratio                             | 4.111 Opt.: 4.111 (LSD), 4.111 (w/diff. lock)  |
| No. of pinion                          | 2 4*                                           |
| Size of ring gear mm (in.)             | 241.3 (9.5)                                    |
| Oil capacity liter (US.qts., Imp.qts.) | Front: 3.0 (3.17, 2.64) Rear: 2.5 (2.64, 2.20) |

Drive Units – Propeller Shaft

\* ..... Opt.: Limited slip diff. or Diff. lock

|                                           |                                                                                                                                                                                     |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number used                               | 2                                                                                                                                                                                   |
| Length x Outer dia. x Inner dia. mm (in.) | Front: 580 x 65 x 61.8 (22.8 x 2.6 x 2.4)<br>Rear: 998.5 x 68.9 x 64.3 (39.3 x 2.7x 2.5)<br>Front: 731 x 65 x 61.8 (28.8 x 2.6 x 2.4)<br>Rear: 852 x 68.9 x 64.3 (33.5 x 2.7 x 2.5) |
| Universal joints                          | Number used Front: 2 Rear: 2                                                                                                                                                        |
|                                           | Type Cross                                                                                                                                                                          |

Axle – Front

| Make & Type  |                                                                                         |                      | TOYOTA, Full-floating                                                                      |                                |                              |
|--------------|-----------------------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------|--------------------------------|------------------------------|
| Weight       | (incl. hubs, brakes, wheels, tyres, but less springs) kg (lb.)                          |                      | 205 (457)                                                                                  |                                |                              |
| Distance     | Center of RH & LH springs mm (in.)                                                      |                      | 746 (29.4)                                                                                 |                                |                              |
|              | Center of RH & LH kingpins mm (in.)                                                     |                      | 1,232 (48.5)                                                                               |                                |                              |
| Axle beam    | Profile                                                                                 |                      |       |                                |                              |
|              | Dimensions mm (in.)                                                                     |                      |                                                                                            |                                | D: 80 (3.15)<br>d: 68 (2.67) |
|              | Web thickness mm (in.)                                                                  |                      | —                                                                                          |                                |                              |
|              | Flange thickness mm (in.)                                                               |                      | —                                                                                          |                                |                              |
|              | Strength modulus                                                                        | Vertical             | mm <sup>3</sup>                                                                            | 24,030                         |                              |
|              |                                                                                         | Horizontal           | mm <sup>3</sup>                                                                            | 24,030                         |                              |
|              | Mechanical property                                                                     | Material             |                                                                                            | SHP50 (TSG3101)                |                              |
|              |                                                                                         | Yield point kPa      |                                                                                            | 3.92 x 10 <sup>5</sup> or more |                              |
|              |                                                                                         | Tensile strength kPa |                                                                                            | 4.9 x 10 <sup>5</sup> or more  |                              |
|              |                                                                                         | Brinell hardness     |                                                                                            | —                              |                              |
| Axle bearing | Make                                                                                    |                      | KOYO                                                                                       |                                |                              |
|              | Type                                                                                    |                      | Taper roller bearing                                                                       |                                |                              |
|              | Size (Outer dia. x Inner dia. x Width)<br>1. Inner bearing<br>2. Outer bearing mm (in.) |                      | 1. 82 x 50 x 21.5 (3.23 x 1.97 x 0.85)<br>2. 73.431 x 45.242 x 19.558 (2.89 x 1.78 x 0.77) |                                |                              |
|              | Part No.<br>1. Inner bearing<br>2. Outer bearing                                        |                      | 1. 90368-49084<br>2. 90368-45087                                                           |                                |                              |

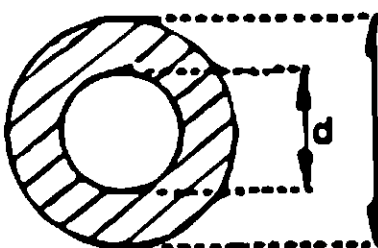


|       |         |
|-------|---------|
| Wagon | Wagon G |
|-------|---------|

**Axle – Front (Continued)**

|    |                                  |                  |                   |                                                                    |    |
|----|----------------------------------|------------------|-------------------|--------------------------------------------------------------------|----|
| 5  | Wheel alignment                  | Toe-in           | mm (in.)          | Bias tire: 4 (0.16)   Radial tire: 1 (0.04), 10R15tire: –1 (–0.04) |    |
|    |                                  | Camber           | degree            | 60                                                                 |    |
|    |                                  | Caster           | degree            | 65                                                                 | 50 |
|    |                                  | Kingpin angle    | degree            | 9.5                                                                |    |
|    |                                  | Turning angle    | degree            | 21                                                                 |    |
| 10 | Permissible tolerance & end play | Kingpin          | axial    mm (in.) | –                                                                  |    |
|    |                                  |                  | radial   mm (in.) | –                                                                  |    |
|    |                                  | Lower ball joint | axial    mm (in.) | –                                                                  |    |
|    |                                  |                  | radial   mm (in.) | –                                                                  |    |
|    |                                  | Steering ball    | axial    mm (in.) | –                                                                  |    |
|    |                                  |                  | radial   mm (in.) | –                                                                  |    |

**Axle – Rear**

|                                                                       |                     |                                                  |            |                                                                                       |              |  |
|-----------------------------------------------------------------------|---------------------|--------------------------------------------------|------------|---------------------------------------------------------------------------------------|--------------|--|
| Make & type                                                           |                     |                                                  |            | TOYOTA, Full-floating                                                                 |              |  |
| Weight (incl. hubs, brakes, wheels, tyres, but less springs) kg (lb.) |                     |                                                  |            | 181 (399)                                                                             |              |  |
| Distance (Center of RH & LH springs) mm (in.)                         |                     |                                                  |            | 1,030 (40.55)                                                                         |              |  |
| 5<br><br><br><br><br><br><br>10                                       | Axle housing        | Profile of section                               |            |  | D: 80 (3.15) |  |
|                                                                       |                     | Dimensions mm (in.)                              |            |                                                                                       | d: 68 (2.68) |  |
|                                                                       |                     | Strength modulus                                 | Vertical   | mm³                                                                                   | 24,030       |  |
|                                                                       |                     |                                                  | Horizontal | mm³                                                                                   | 24,030       |  |
|                                                                       | Mechanical property | Material                                         |            | SHP50 (TSG501)                                                                        |              |  |
|                                                                       |                     | Yield point kpa                                  |            | 3.92 x 10 <sup>5</sup> or more                                                        |              |  |
|                                                                       |                     | Tensile strength kPa                             |            | 4.9 x 10 <sup>5</sup> or more                                                         |              |  |
|                                                                       |                     | Brinell hardness                                 |            | —                                                                                     |              |  |
| Mip. dia. of rear axle shaft mm (in.)                                 |                     |                                                  |            | 30.691 (1.21)                                                                         |              |  |
| 15                                                                    | Axle bearing        | Make                                             |            | KOYO                                                                                  |              |  |
|                                                                       |                     | Type                                             |            | Taper roller bearing                                                                  |              |  |
|                                                                       |                     | Size (Outer dia. x Inner dia. x width)           |            | 1. 82 x 50 x 21.5 (3.23 x 1.97 x 0.85)                                                |              |  |
|                                                                       |                     | 1. Inner<br>2. Outer mm (in.)                    |            | 2. 73.431 x 45.242 x 19.558 (2.89 x 1.78 x 0.77)                                      |              |  |
| 20                                                                    | Axle parallelism    | Part No.<br>1. Inner bearing<br>2. Outer bearing |            | 1. 90368-49084<br>2. 90368-45087                                                      |              |  |
|                                                                       |                     | mm (in.)                                         |            | ±10 (±0.39)                                                                           |              |  |



TOYOTA  
TECHNICAL SPECIFICATIONS

|       |         |
|-------|---------|
| Wagon | Wagon G |
|-------|---------|

Suspension – Front

| Suspension type and description |                  |                                                    | Axle type, Semi-elliptic leaf spring                                 |                                                                                                                                                                                                                                                      |
|---------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5                               | Main springs     | Coil                                               | Size (wire dia. x coil dia. x length-effective windings)<br>mm (in.) | —                                                                                                                                                                                                                                                    |
|                                 |                  |                                                    | Spring rate                      kg/mm                               | —                                                                                                                                                                                                                                                    |
|                                 |                  |                                                    | Material                                                             | —                                                                                                                                                                                                                                                    |
|                                 |                  |                                                    | Yield point                      kg/mm <sup>2</sup>                  | —                                                                                                                                                                                                                                                    |
|                                 |                  |                                                    | Tensile strength                kg/mm <sup>2</sup>                   | —                                                                                                                                                                                                                                                    |
|                                 |                  |                                                    | Brinell hardness                                                     | —                                                                                                                                                                                                                                                    |
| 10                              |                  | Leaf                                               | Size (length x sidth x thick-<br>ness-leaves)<br>mm (in.)            | $1,100 \times 70 \times \frac{6}{7} - \frac{3}{2} \left( 43.3 \times 2.8 \times \frac{0.24}{0.28} - \frac{3}{2} \right)$ $1,100 \times 70 \times \frac{6}{13} - \frac{3}{1} \left( 43.3 \times 2.8 \times \frac{0.24}{0.51} - \frac{3}{1} \right)^*$ |
|                                 |                  |                                                    | Spring rate                      N/mm                                | 42.1                                                                                                                                                                                                                                                 |
|                                 |                  |                                                    | Material                                                             | SUP 6                                                                                                                                                                                                                                                |
|                                 |                  |                                                    | Yield point                      kPa                                 | 1.08 x 10 <sup>6</sup> or more                                                                                                                                                                                                                       |
|                                 |                  |                                                    | Tensile strength                kPa                                  | 1.23 x 10 <sup>6</sup> or more                                                                                                                                                                                                                       |
|                                 |                  |                                                    | Brinell hardness                                                     | 388 ~ 461                                                                                                                                                                                                                                            |
| 20                              | Auxiliary spring |                                                    | Size                                      mm (in.)                   | —                                                                                                                                                                                                                                                    |
|                                 |                  |                                                    | Spring rate                            kg/mm                         | —                                                                                                                                                                                                                                                    |
|                                 |                  |                                                    | Material                                                             | —                                                                                                                                                                                                                                                    |
|                                 |                  |                                                    | Yield point                            kg/mm <sup>2</sup>            | —                                                                                                                                                                                                                                                    |
|                                 |                  |                                                    | Tensile strength                    kg/mm <sup>2</sup>               | —                                                                                                                                                                                                                                                    |
|                                 |                  |                                                    | Brinell hardness                                                     | —                                                                                                                                                                                                                                                    |
| 25                              | Stabilizer       |                                                    | Type                                                                 | Torsion bar                                                                                                                                                                                                                                          |
|                                 |                  |                                                    | Bar diameter                        mm (in.)                         | 19 (0.75)                                                                                                                                                                                                                                            |
|                                 |                  |                                                    | Arm length                            mm (in.)                       | —                                                                                                                                                                                                                                                    |
|                                 |                  |                                                    | Bar length                            mm (in.)                       | —                                                                                                                                                                                                                                                    |
|                                 |                  |                                                    | No. of bars                                                          | —                                                                                                                                                                                                                                                    |
| Shock absorber                  |                  | Type                                               | Double-acting hydraulic telescopic                                   |                                                                                                                                                                                                                                                      |
|                                 |                  | Dumping force at 0.3 m/sec. of piston speed (N/mm) | Rebound: 1,569<br>Bound:     657                                     | Rebound: 1,569<br>Bound:     539                                                                                                                                                                                                                     |

\* ..... HJ60, 61 series



|       |         |
|-------|---------|
| Wagon | Wagon G |
|-------|---------|

Suspension – Rear

| Suspension type and description                                                                                                                                                                                     |                  |                | Axle type, Semi-elliptic leaf spring                              |                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5<br><br><br><br><br><br><br><br><br><br>10<br><br><br><br><br><br><br><br><br><br>15<br><br><br><br><br><br><br><br><br><br>20<br><br><br><br><br><br><br><br><br><br>25<br><br><br><br><br><br><br><br><br><br>30 | Main spring      | Coil           | Size (wire dia. x coil dia. x length-effective windings) mm (in.) | —                                                                                                                                                                                                           |
|                                                                                                                                                                                                                     |                  | Coil           | Spring rate kg/mm                                                 | —                                                                                                                                                                                                           |
|                                                                                                                                                                                                                     |                  |                | Material                                                          | —                                                                                                                                                                                                           |
|                                                                                                                                                                                                                     |                  |                | Yield point kg/mm <sup>2</sup>                                    | —                                                                                                                                                                                                           |
|                                                                                                                                                                                                                     |                  |                | Tensile strength kg/mm <sup>2</sup>                               | —                                                                                                                                                                                                           |
|                                                                                                                                                                                                                     |                  |                | Brinell hardness                                                  | —                                                                                                                                                                                                           |
|                                                                                                                                                                                                                     | Main spring      | Leaf           | Size (length x width x thickness-leaves) mm (in.)                 | $1,200 \times 70 \times \frac{7-5}{6-3} \left( 47.2 \times 2.8 \times \frac{0.28-5}{0.24-3} \right)$   $1,200 \times 70 \times \frac{7-5}{6-2} \left( 47.2 \times 2.8 \times \frac{0.28-5}{0.24-2} \right)$ |
|                                                                                                                                                                                                                     |                  |                | Spring rate N/mm                                                  | 54.9, 98 (w/helper spring)   53.9                                                                                                                                                                           |
|                                                                                                                                                                                                                     |                  |                | Material                                                          | SUP6                                                                                                                                                                                                        |
|                                                                                                                                                                                                                     |                  |                | Yield point kPa                                                   | 1.09 x 10 <sup>6</sup> or more                                                                                                                                                                              |
|                                                                                                                                                                                                                     |                  |                | Tensile strength kPa                                              | 1.23 x 10 <sup>6</sup> or more                                                                                                                                                                              |
|                                                                                                                                                                                                                     |                  |                | Brinell hardness                                                  | 388 ~ 461                                                                                                                                                                                                   |
|                                                                                                                                                                                                                     | Auxiliary spring | Leaf           | Size mm (in.)                                                     | —                                                                                                                                                                                                           |
|                                                                                                                                                                                                                     |                  |                | Spring rate kg/mm                                                 | —                                                                                                                                                                                                           |
|                                                                                                                                                                                                                     |                  |                | Material                                                          | —                                                                                                                                                                                                           |
|                                                                                                                                                                                                                     |                  |                | Yield point kg/mm <sup>2</sup>                                    | —                                                                                                                                                                                                           |
|                                                                                                                                                                                                                     |                  |                | Tensile strength kg/mm <sup>2</sup>                               | —                                                                                                                                                                                                           |
|                                                                                                                                                                                                                     |                  |                | Brinell hardness                                                  | —                                                                                                                                                                                                           |
|                                                                                                                                                                                                                     | Stabilizer       | Stabilizer     | Type                                                              | —   Torsion bar                                                                                                                                                                                             |
|                                                                                                                                                                                                                     |                  |                | Bar diameter mm (in.)                                             | —   21 (0.83)                                                                                                                                                                                               |
|                                                                                                                                                                                                                     |                  |                | Arm length mm (in.)                                               | —                                                                                                                                                                                                           |
|                                                                                                                                                                                                                     |                  |                | Bar length mm (in.)                                               | —                                                                                                                                                                                                           |
|                                                                                                                                                                                                                     |                  |                | No. of bars                                                       | —                                                                                                                                                                                                           |
|                                                                                                                                                                                                                     | Shock absorber   | Shock absorber | Type                                                              | Double-acting hydraulic telescopic                                                                                                                                                                          |
|                                                                                                                                                                                                                     |                  |                | Dumping force at 0.3 m/sec. of piston speed (N/mm)                | Rebound: 1,765    Bound: 539                                                                                                                                                                                |



TOYOTA  
TECHNICAL SPECIFICATIONS

|            |
|------------|
| All Models |
|------------|

Steering

|                             |                                |          |                                                         |
|-----------------------------|--------------------------------|----------|---------------------------------------------------------|
| Manual (STD, OPT)           |                                |          | STD                                                     |
| Power (STD, OPT, NA)        |                                |          | OPT                                                     |
| Wheel diameter              | Manual                         | mm (in.) | 430 (16.93)                                             |
|                             | Power                          | mm (in.) | P.P. : 400 (15.75) Urethan : 410 (16.14) (Wagon G only) |
| 5<br>Manual                 | Gear                           | Type     | Ball nut                                                |
|                             |                                | Ratio    | 22.3 ~ 25.5                                             |
|                             | No. wheel turns (Stop to Stop) |          | 4.3                                                     |
|                             | Oil capacity c.c.              |          | 510                                                     |
|                             |                                |          |                                                         |
| 10<br>Power                 | Type, Make                     |          | Integral, TOYODA KOKI                                   |
|                             | Gear                           | Type     | Ball nut                                                |
|                             |                                | Ratio    | 19.13                                                   |
|                             | No. wheel turns (Stop to Stop) |          | 3.6                                                     |
|                             | Oil capacity c.c.              |          | 810                                                     |
| 15<br>Steering angle        | Inner                          | degree   | 32                                                      |
|                             | Outer                          | degree   | 30                                                      |
|                             |                                |          |                                                         |
| Free play of steering wheel |                                | mm (in.) | —                                                       |
| Dia. of tie rod             |                                | mm (in.) | Outer dia.: 29 (1.14) Inner dia.: 20 (0.79)             |
| Dia. of pitman arm shaft    |                                | mm (in.) | Manual steering.: 36 (1.42) Power steering: 32 (1.26)   |

Brakes — Parking

|                                 |                                          |              |                                           |
|---------------------------------|------------------------------------------|--------------|-------------------------------------------|
| Type                            |                                          |              | Mechanical brake operating on rear wheels |
| If separate from service brakes | Drum diameter                            | mm (in.)     | 295.0 (11.61)                             |
|                                 | Lining size (length x width x thickness) | mm (in.)     | 296 x 60 x 7 (11.65 x 2.36 x 0.28)        |
|                                 | Total eff-area                           | cm² (sq.in.) | 178 (27.6) x 2 x 2                        |



|    |    |       |
|----|----|-------|
| 3F | 2H | 12H-T |
|----|----|-------|

Brakes – Service

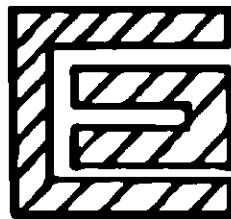
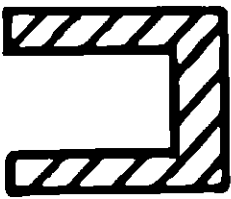
|                                                       |                              |                                                    |                                       |  |
|-------------------------------------------------------|------------------------------|----------------------------------------------------|---------------------------------------|--|
| Brake                                                 | Type                         | Front                                              | Hydraulic disc with vacuum booster    |  |
|                                                       |                              | Rear                                               | Hydraulic drum with vacuum booster    |  |
|                                                       | Mechanism                    | Front                                              | Fixed caliper, opposed cylinder       |  |
|                                                       |                              | Rear                                               | Leading and trailing                  |  |
| Self adjusting (STD, OPT, NA)                         |                              |                                                    | STD                                   |  |
| Special valving<br>Type (proportion, L.S.P.V., other) |                              |                                                    | P & B valve                           |  |
| 10                                                    | Front<br>Wheel               | Make & material                                    | SUMITOMO, Resin molded                |  |
|                                                       |                              | Size (L x W x T)      mm (in.)                     | 106 x 53 x 10 (4.2 x 2.1 x 0.4)       |  |
|                                                       |                              | Area                      cm <sup>2</sup> (sq.in.) | 46 (7.1) x 2 x 2                      |  |
|                                                       |                              | Friction area      cm <sup>2</sup> (sq.in.)        | —                                     |  |
| 15                                                    | Rear<br>Wheel                | Make & material                                    | NISSINBO or AKEBONO, Resin molded     |  |
|                                                       |                              | Size (L x W x T)      mm (in.)                     | 296 x 60 x 7 (11.7 x 2.4 x 0.3)       |  |
|                                                       |                              | Area                      cm <sup>2</sup> (sq.in.) | 178 (27.6) x 2 x 2                    |  |
|                                                       |                              | Friction area      cm <sup>2</sup> (sq.in.)        | —                                     |  |
| Drum diameter                                         |                              | Front      mm (in.)                                | —                                     |  |
|                                                       |                              | Rear      mm (in.)                                 | 295.0 (11.6)                          |  |
| 20                                                    | Outer diameter               | Front      mm (in.)                                | 302.0 (11.9)                          |  |
|                                                       |                              | Rear      mm (in.)                                 | —                                     |  |
|                                                       | Lever arm                    | Front      mm (in.)                                | 127.0 ( 5.0)                          |  |
|                                                       |                              | Rear      mm (in.)                                 | —                                     |  |
| Wheel<br>cylinder<br>bore                             | Front                        | mm (in.)                                           | 42.85 + 33.96 (1.69 + 1.34)           |  |
|                                                       | Rear                         | mm (in.)                                           | 25.40 (1.00)                          |  |
| Master<br>cylinder                                    | Type                         | Tandem                                             |                                       |  |
|                                                       | Bore                         | mm (in.)                                           | 22.22 (0.87)                          |  |
| Booster                                               | Make & Type                  |                                                    | AISIN or JIDOSHAKI KI, Vacuum booster |  |
|                                                       | Servo ratio                  |                                                    | —                                     |  |
| 30                                                    | Face<br>treatment            | inner                                              | Copper-electroplated                  |  |
|                                                       |                              | outer                                              | Zinc-electroplated and resin-coating  |  |
|                                                       | Thickness<br>of<br>treatment | inner      mm (in.)                                | 0.0025 (0.0001) or more               |  |
|                                                       |                              | outer      mm (in.)                                | 0.025 (0.0009) or more                |  |



TOYOTA  
TECHNICAL SPECIFICATIONS

|            |
|------------|
| All Models |
|------------|

Frame

| Type and description                          |                                  | Ladder type, Box section                                                              |
|-----------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
| 5 Side member                                 | Material                         | SHP-45                                                                                |
|                                               | Yield point kPa                  | $2.94 \times 10^5$ or more                                                            |
|                                               | Tensile strength kPa             | $4.41 \times 10^5$ or more                                                            |
|                                               | Brinell harness                  | —                                                                                     |
| 10 Side member max. section part              | Cross-sectional shape            |   |
|                                               | Dimension mm (in.)               | 134 x 45 x 4.5 (5.28 x 1.77 x 0.18), 125 x 17 x 3.2 (4.92 x 0.67 x 0.13)              |
|                                               | Strength modulus mm <sup>3</sup> | 48,948                                                                                |
| 10 Side member section at rear spring shackle | Cross-sectional shape            |  |
|                                               | Dimension mm (in.)               | 100 x 55 x 4.5 (3.94 x 2.17 x 0.18), 91 x 45 x 3.2 (3.58 x 1.77 x 0.13)               |
|                                               | Strength modulus mm <sup>3</sup> | 42,576                                                                                |
| 15 Reinforcement (if installed)               | Cross-sectional shape            | —                                                                                     |
|                                               | Dimension mm (in.)               | —                                                                                     |
|                                               | Installed position               | —                                                                                     |

Body — Miscellaneous Information

|                |               |                                                                                   |
|----------------|---------------|-----------------------------------------------------------------------------------|
| Horn           | Make          | ND                                                                                |
|                | Type, Number  | Disc type, 2                                                                      |
|                | Specification | 12V, 105 <sup>+3</sup> <sub>-5</sub> dB                                           |
| 5 Wiper        | Make          | ASMO                                                                              |
|                | Type          | Motor type                                                                        |
|                | Specification | High: 68 rpm<br>Low: 48 rpm<br>Int.: 13 rpm<br>Wiping area: 5,428 cm <sup>2</sup> |
| 10 Speedometer | Make          | YAZAKI                                                                            |
|                | Type          | Transmission, eddy-current type                                                   |
|                | Specification | 40 ± 2 km/h, 0 ~ 180 km/h                                                         |
| Odometer       | Make          | YAZAKI                                                                            |
|                | Type          | Transmission, gear type                                                           |



| Wagon | Wagon G       |           |
|-------|---------------|-----------|
|       | Standard Roof | High Roof |

Glass

|                 |                |     |       |   |
|-----------------|----------------|-----|-------|---|
| Front           | Glass list No. | STD | ①     |   |
|                 |                | OPT | -     |   |
| Front Door      | Glass list No. | STD | ②     | ③ |
|                 |                | OPT | -     |   |
| 5 Rear Door     | Glass list No. | STD | ②     | ③ |
|                 |                | OPT | -     |   |
| Door Quarter    | Glass list No. | STD | ②     | ③ |
|                 |                | OPT | -     |   |
| Quarter         | Glass list No. | STD | ② * ⑥ | ③ |
|                 |                | OPT | -     |   |
| 10 Rear         | Glass list No. | STD | ⑥     | ⑦ |
|                 |                | OPT | ④     | ⑤ |
| Door Ventilator | Glass list No. | STD | -     |   |
|                 |                | OPT | ②     | ③ |

\* ... Slide type

GLASS SPECIFICATION LIST

ASAHI GLASS

| No.                | ①                               | ②               | ③                | ④                             | ⑤                              |
|--------------------|---------------------------------|-----------------|------------------|-------------------------------|--------------------------------|
| Material           | Clear, laminated with top shade | Celar, tempered | Tinted, tempered | Clear, tempered with defogger | Tinted, tempered with defogger |
| Thickness mm (in.) | 5.3 (0.21)                      | 4.0 (0.16)      | 4.0 (0.16)       | 3.5 (0.14)                    | 3.5 (0.14)                     |

| No.                | ⑥               | ⑦                |
|--------------------|-----------------|------------------|
| Material           | Clear, tempered | Tinted, tempered |
| Thickness mm (in.) | 3.5 (0.14)      | 3.5 (0.14)       |



TOYOTA  
TECHNICAL SPECIFICATIONS

|  | Wagon | Wagon G |
|--|-------|---------|
|--|-------|---------|

Lamps

|                          |                         |                       |           |              |  |
|--------------------------|-------------------------|-----------------------|-----------|--------------|--|
| 5                        | Front lamps             | Side turn signal lamp | Make      | —            |  |
|                          |                         |                       | Wattage   | —            |  |
|                          | Front turn signal lamp  | Make                  | KOITO     |              |  |
|                          |                         | Wattage               | 12V — 21W |              |  |
|                          | Clearance lamp          | Make                  | KOITO     |              |  |
|                          |                         | Wattage               | 12V — 5W  |              |  |
|                          | Head-lamp               | Out-side              | Make      | KOITO        |  |
|                          |                         |                       | Wattage   | 12V — 65/55W |  |
|                          |                         | In-side               | Make      | —            |  |
|                          |                         |                       | Wattage   | —            |  |
| 10                       | Side marker lamp        | Make                  | —         |              |  |
|                          |                         | Wattage               | —         |              |  |
|                          | Reflex reflector        | Make                  | KOITO     |              |  |
|                          |                         | No.                   | —         |              |  |
|                          | Tail & parking lamp     | Make                  | —         |              |  |
|                          |                         | Wattage               | —         |              |  |
|                          | Rear lamps              | Rear turn signal lamp | Make      | KOITO        |  |
|                          |                         |                       | Wattage   | 12V — 21W    |  |
|                          | 20                      | Stop & tail lamp      | Make      | KOITO        |  |
|                          |                         |                       | Wattage   | 12V — 21/5W  |  |
| Back-up lamp             |                         | Make                  | KOITO     |              |  |
|                          |                         | Wattage               | 12V — 21W |              |  |
| Licence plate lamp       |                         | Make                  | KOITO     |              |  |
|                          |                         | Wattage               | 12V — 10W | 12V — 5W     |  |
| 25                       | Dome lamp               | Make                  | ICHIKO    |              |  |
|                          |                         | Wattage               | 12V — 10W |              |  |
| Glove compartment lamp   | Make                    | KOITO                 | —         |              |  |
|                          | Wattage                 | 12V — 1.2W            | —         |              |  |
| 30                       | Engine compartment lamp | Make                  | —         |              |  |
|                          |                         | Wattage               | —         |              |  |
| Luggage compartment lamp | Make                    | —                     |           |              |  |
|                          | Wattage                 | —                     |           |              |  |
| Heater control lamp      | Make                    | ICHIKO                |           |              |  |
|                          | Wattage                 | 12V — 2W              |           |              |  |



# TOYOTA TECHNICAL SPECIFICATIONS

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### NOTES:

The Technical Specifications herein are those in effect at date of compilation and any change or improvements coming after this date will be notified through Technical Advance Information and Service Bulletin.



# TOYOTA TECHNICAL SPECIFICATIONS

## Car Models

| Destination        | Model description                    | Engine                    | Model codes                                            |
|--------------------|--------------------------------------|---------------------------|--------------------------------------------------------|
| European Countries | TOYOTA LAND CRUISER, Station Wagon   | 2H Diesel<br>(3,980cc)    | HJ60LV-MCW                                             |
|                    | TOYOTA LAND CRUISER, Station Wagon G | 2H Diesel<br>(3,980cc)    | HJ60R(L)G-MW<br>HJ60LG-MZW<br>HJ60LG-MCZW<br>HJ60LG-PW |
|                    | TOYOTA LAND CRUISER, Station Wagon   | 12H-T Diesel<br>(3,980cc) | HJ61LV-MCXW                                            |
|                    | TOYOTA LAND CRUISER, Station Wagon G | 12H-T Diesel<br>(3,980cc) | HJ61LG-MXW                                             |



# TOYOTA TECHNICAL SPECIFICATIONS

See pages 122 - 124 for Exterior and Interior  
Dimensions - Definitions

| Defini-<br>tions | 2H Diesel  |           |           |
|------------------|------------|-----------|-----------|
|                  | Wagon      |           | Wagon G   |
|                  | HJ60LV-MCW | HJ60RG-MW | HJ60LG-MW |

## Dimensions

|                                         |                                     |             |                    |              |                                              |               |                                              |  |
|-----------------------------------------|-------------------------------------|-------------|--------------------|--------------|----------------------------------------------|---------------|----------------------------------------------|--|
| 5                                       | Overall length                      |             | mm (in.)           | L 103        | 4,750 (187.0)<br>4,995 (196.7)* <sup>1</sup> | 4,750 (187.0) | 4,750 (187.0)<br>4,995 (196.7)* <sup>1</sup> |  |
|                                         | Overall width                       |             | mm (in.)           | W 103        | 1,800 (70.9)                                 | 1,800 (70.9)  | 1,880 (74.0)* <sup>2</sup>                   |  |
|                                         | Overall height                      |             | mm (in.)           | H 101        | 1,790 (70.5)<br>1,870 (73.6)* <sup>3</sup>   | 1,795 (70.7)  | 1,875 (73.8)* <sup>3</sup>                   |  |
|                                         | Wheelbase                           |             | mm (in.)           | L 101        | 2,730 (107.5)                                |               |                                              |  |
|                                         | Tread-Front                         |             | mm (in.)           | W 101        | 1,475 (58.1)                                 | 1,475 (58.1)  | 1,515 (59.6)* <sup>2</sup>                   |  |
|                                         | Tread-Rear                          |             | mm (in.)           | W 102        | 1,460 (57.5)                                 | 1,460 (57.5)  | 1,500 (59.1)* <sup>2</sup>                   |  |
|                                         | Room length                         |             | mm (in.)           | L 99         | 1,740 (68.5)                                 |               |                                              |  |
|                                         | Room width                          |             | mm (in.)           | W 99         | 1,520 (59.8)                                 |               |                                              |  |
|                                         | Room height                         |             | mm (in.)           | H 99         | 1,215 (47.8)                                 | 1,210 (47.6)  |                                              |  |
|                                         | 10                                  | Deck length | unfolded rear seat | mm (in.)     | L 97                                         | 975 (38.4)    | 965 (38.0)                                   |  |
| folded rear seat                        |                                     |             | mm (in.)           | L 98         | 1,765 (69.5)                                 | 1,755 (69.1)  |                                              |  |
| Deck length (Truck)                     |                                     | mm (in.)    | L 96               |              |                                              |               |                                              |  |
| Deck width                              |                                     | mm (in.)    | W 98               | 1,520 (59.8) |                                              |               |                                              |  |
| Deck height                             |                                     | mm (in.)    | H 98<br>97         | 1,045 (41.1) | 1,025 (40.4)                                 |               |                                              |  |
| 15                                      | Cab rear end to rear axle (Truck)   |             | mm (in.)           | L 95         |                                              |               |                                              |  |
|                                         | Cab rear end to "Hip" point (Truck) |             | mm (in.)           | L 94         |                                              |               |                                              |  |
| Ground clearance                        |                                     | mm (in.)    | H 153              | 185 (7.28)   |                                              |               |                                              |  |
| Ground clearance on cylindrical surface |                                     | mm (in.)    | H 154              | 140 (5.51)   | 130 (5.12)                                   |               |                                              |  |
| 20                                      | Overhang                            | Front       | mm (in.)           | L 104        | 725 (28.5)<br>970 (38.2)* <sup>1</sup>       | 725 (28.5)    | 725 (28.5)<br>970 (38.2)* <sup>1</sup>       |  |
|                                         |                                     | Rear        | mm (in.)           | L 105        | 1,295 (51.0)                                 |               |                                              |  |
|                                         |                                     | Body front  | mm (in.)           |              | 650 (25.6)                                   |               |                                              |  |
|                                         |                                     | Body rear   | mm (in.)           |              | 1,175 (46.3)                                 |               |                                              |  |
|                                         |                                     | Frame front | mm (in.)           |              | 685 (27.0)                                   |               |                                              |  |
|                                         |                                     | Frame rear  | mm (in.)           |              | 1,185 (46.7)                                 |               |                                              |  |
| 25                                      | Angle of approach                   |             | degree             | H 106        | 32 26* <sup>1</sup>                          | 33            |                                              |  |
|                                         | Angle of departure                  |             | degree             | H 107        | 20                                           |               |                                              |  |

\*<sup>1</sup> ...With winch

\*<sup>2</sup> ...With over-fender

\*<sup>3</sup> ...With roof carrier

## Cargo Space

|                                         |                        |     |              |  |
|-----------------------------------------|------------------------|-----|--------------|--|
| Luggage capacity                        | m <sup>3</sup> (cu.ft) | V 1 | —            |  |
| Cargo volume<br>(Van, Station<br>wagon) | Unfolded rear seat     |     | 1.088 (38.4) |  |
|                                         | Folded rear seat       |     | 2.050 (72.4) |  |



| 2H Diesel  |             |           |
|------------|-------------|-----------|
| Wagon G    |             |           |
| HJ60LG-MZW | HJ60JG-MCZW | HJ60LG-PW |

**Dimensions**

|    |                                           |                                           |
|----|-------------------------------------------|-------------------------------------------|
| 5  | 4,750 (187.0)                             |                                           |
|    | 1,800 (70.9)   1,880 (74.0)* <sup>2</sup> |                                           |
|    | 1,895 (74.6)                              | 1,795 (70.7)   1,875 (73.8)* <sup>3</sup> |
|    | 2,730 (107.5)                             |                                           |
|    | 1,475 (58.1)   1,515 (59.6)* <sup>2</sup> |                                           |
|    | 1,460 (57.5)   1,500 (59.1)* <sup>2</sup> |                                           |
|    | 1,740 (68.5)                              |                                           |
|    | 1,520 (59.8)                              |                                           |
|    | 1,280 (50.4)                              | 1,210 (47.6)                              |
|    | 955 (37.5)                                | 965 (38.0)                                |
| 10 | 1,575 (62.0)                              | 1,755 (69.1)                              |
|    | —                                         |                                           |
|    | 1,075 (42.3)                              | 1,520 (59.8)                              |
|    | 1,125 (44.3)                              | 1,025 (40.4)                              |
| 15 | —                                         |                                           |
|    | —                                         |                                           |
|    | 185 (7.28)                                |                                           |
|    | 130 (5.12)                                |                                           |
|    | 725 (28.5)                                |                                           |
|    | 1,295 (51.0)                              |                                           |
| 20 | 650 (25.6)                                |                                           |
|    | 1,175 (46.3)                              |                                           |
|    | 685 (27.0)                                |                                           |
|    | 1,185 (46.7)                              |                                           |
|    | 33                                        | 32                                        |
| 25 | 20                                        |                                           |
|    |                                           |                                           |

**Cargo Space**

|              |              |
|--------------|--------------|
| —            |              |
| 1,008 (35.6) | 1,088 (38.4) |
| 2,181 (77.0) | 2,050 (72.4) |



TOYOTA
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See pages 122 - 124 for Exterior and Interior Dimensions - Definitions

Table with 3 columns: Definitions (Ref. No.), 12H-T Diesel (Wagon), and Wagon G (HJ61LV-MCXW, HJ61LG-MXW).

Dimensions

Main dimensions table with columns for dimension name, unit, reference number, and values for different configurations. Includes rows for Overall length, Overall width, Overall height, Wheelbase, Tread-Front, Tread-Rear, Room length, Room width, Room height, Deck length, Deck width, Deck height, Cab rear end to rear axle, Cab rear end to "Hip" point, Ground clearance, Overhang (Front, Rear, Body front, Body rear, Frame front, Frame rear), Angle of approach, and Angle of departure.

\*1 ..... With winch
\*2 ..... With over-fender
\*3 ..... With roof carrier

Cargo Space

Cargo space table with columns for Luggage capacity, Cargo volume (Van, Station wagon), and Cargo volume (Unfolded rear seat, Folded rear seat).



| Difini-<br>tions<br><br>Ref.<br>No. | 2H Diesel  |           |           |
|-------------------------------------|------------|-----------|-----------|
|                                     | Wagon      | Wagon G   |           |
|                                     | HJ60LV-MCW | HJ60RG-MW | HJ60LG-MW |

Vehicle Weights

|    |                                                     |          |       |          |     |               |               |               |               |
|----|-----------------------------------------------------|----------|-------|----------|-----|---------------|---------------|---------------|---------------|
| 5  | Curb weight                                         | kg (lb.) | Front | Std      | WT1 | 1,030 (2,270) |               | 1,040 (2,295) |               |
|    |                                                     |          |       | Full opt |     | 1,195 (2,635) |               | 1,100 (2,425) | 1,105 (2,435) |
|    |                                                     |          | Rear  | Std      |     | 990 (2,185)   | 1,010 (2,225) | 1,005 (2,215) |               |
|    |                                                     |          |       | Full opt |     | 1,020 (2,250) | 1,090 (2,405) | 1,095 (2,415) |               |
|    |                                                     |          | Total | Std      |     | 2,020 (4,455) | 2,050 (4,520) | 2,045 (4,510) |               |
|    |                                                     |          |       | Full opt |     | 2,215 (4,885) | 2,190 (4,830) | 2,200 (4,850) |               |
|    | Chassis weight with cab<br>(Truck only)             | kg (lb.) | Front |          | WT2 |               |               |               |               |
|    |                                                     |          | Rear  |          |     |               |               |               |               |
|    |                                                     |          | Total |          |     |               |               |               |               |
| 10 | Chassis weight with wind-<br>shield<br>(Truck only) | kg (lb.) | Front |          | WT3 |               |               |               |               |
|    |                                                     |          | Rear  |          |     |               |               |               |               |
|    |                                                     |          | Total |          |     |               |               |               |               |
| 15 | Unloaded vehicle weight<br>(for Europe only)        | kg (lb.) | Front |          | WT4 | 1,228 (2,707) | 1,133 (2,498) | 1,138 (2,509) |               |
|    |                                                     |          | Rear  |          |     | 1,062 (2,341) | 1,132 (2,496) | 1,137 (2,507) |               |
|    |                                                     |          | Total |          |     | 2,290 (5,048) | 2,265 (4,994) | 2,275 (5,016) |               |
|    | Gross vehicle weight                                | kg (lb.) | Front |          | WT5 | 1,285 (2,835) | 1,210 (2,670) |               |               |
|    |                                                     |          | Rear  |          |     | 1,345 (2,965) | 1,420 (3,130) |               |               |
|    |                                                     |          | Total |          |     | 2,630 (5,800) |               |               |               |

Loading Capacity

|                                  |          |               |     |               |
|----------------------------------|----------|---------------|-----|---------------|
| Max. front axle capacity         |          | kg (lb.)      | CP1 | 1,300 (2,865) |
| Max. rear axle capacity          |          | kg (lb.)      |     | 1,600 (3,525) |
| Max. front axle housing capacity |          | kg (lb.)      | CP2 | —             |
| Max. rear axle housing capacity  |          | kg (lb.)      |     | —             |
| 5 Max. towing weight             | kg (lb.) | with brake    |     | 3,500 (7,715) |
|                                  |          | without brake |     | 750 (1,655)   |
| Max. roof rack load              |          | kg (lb.)      |     | 200 (440)     |



TOYOTA  
TECHNICAL SPECIFICATIONS

|                  |            |             |
|------------------|------------|-------------|
| Defini-<br>tions | 2H Diesel  |             |
|                  | Wagon G    |             |
|                  | HJ60LG-MZW | HJ60LG-MCZW |
| Ref.<br>No.      |            |             |

Vehicle Weights

|    |                                                     |          |       |          |     |               |
|----|-----------------------------------------------------|----------|-------|----------|-----|---------------|
| 5  | Curb weight                                         | kg (lb.) | Front | Std      | WT1 | 1,030 (2,270) |
|    |                                                     |          |       | Full opt |     | 1,105 (2,435) |
|    |                                                     |          | Rear  | Std      |     | 1,075 (2,370) |
|    |                                                     |          |       | Full opt |     | 1,165 (2,570) |
|    |                                                     |          | Total | Std      |     | 2,105 (4,640) |
|    |                                                     |          |       | Full opt |     | 2,270 (5,005) |
|    | Chassis weight with cab<br>(Truck only)             | kg (lb.) | Front |          | WT2 |               |
|    |                                                     |          | Rear  |          |     |               |
|    |                                                     |          | Total |          |     |               |
| 10 | Chassis weight with wind-<br>shield<br>(Truck only) | kg (lb.) | Front |          | WT3 |               |
|    |                                                     |          | Rear  |          |     |               |
|    |                                                     |          | Total |          |     |               |
| 15 | Unloaded vehicle weight<br>(for Europe only)        | kg (lb.) | Front |          | WT4 | 1,138 (2,509) |
|    |                                                     |          | Rear  |          |     | 1,207 (2,661) |
|    |                                                     |          | Total |          |     | 2,345 (5,170) |
|    | Gross vehicle weight                                | kg (lb.) | Front |          | WT5 | 1,140 (2,515) |
|    |                                                     |          | Rear  |          |     | 1,770 (3,900) |
|    |                                                     |          | Total |          |     | 2,910 (6,415) |

Loading Capacity

|                                  |          |               |     |               |
|----------------------------------|----------|---------------|-----|---------------|
| Max. front axle capacity         |          | kg (lb.)      | CP1 | 1,300 (2,865) |
| Max. rear axle capacity          |          | kg (lb.)      |     | 1,800 (3,970) |
| Max. front axle housing capacity |          | kg (lb.)      | CP2 | —             |
| Max. rear axle housing capacity  |          | kg (lb.)      |     | —             |
| 5 Max. towing weight             | kg (lb.) | with brake    |     | 3,500 (7,715) |
|                                  |          | without brake |     | 750 (1,655)   |
| Max. roof rack load              |          | kg (lb.)      |     | 200 (440)     |



|           |              |            |
|-----------|--------------|------------|
| 2H Diesel | 12H-T Diesel |            |
| Wagon G   | Wagon        | Wagon G    |
| HJ60LG-PW | HJ61LV-MCXW  | HJ61LG-MXW |

## Vehicle Weights

|   |               |               |               |
|---|---------------|---------------|---------------|
|   | 1,060 (2,335) | 1,065 (2,350) | 1,075 (2,370) |
|   | 1,125 (2,480) | 1,195 (2,635) | 1,140 (2,515) |
|   | 1,025 (2,260) | 995 (2,195)   | 1,010 (2,225) |
|   | 1,105 (2,435) | 1,020 (2,250) | 1,085 (2,390) |
|   | 2,085 (4,595) | 2,060 (4,545) | 2,085 (4,595) |
| 5 | 2,230 (4,915) | 2,215 (4,885) | 2,225 (4,905) |

10.

|    |               |               |               |
|----|---------------|---------------|---------------|
|    | 1,158 (2,553) | 1,228 (2,707) | 1,173 (2,586) |
|    | 1,147 (2,529) | 1,062 (2,341) | 1,127 (2,485) |
| 15 | 2,305 (5,082) | 2,290 (5,048) | 2,300 (5,071) |
|    | 1,210 (2,670) | 1,285 (2,835) | 1,210 (2,670) |
|    | 1,420 (3,130) | 1,345 (2,965) | 1,420 (3,130) |
|    |               | 2,630 (5,800) |               |

## Loading Capacity

|   |               |
|---|---------------|
|   | 1,300 (2,865) |
|   | 1,600 (3,525) |
|   | —             |
|   | —             |
|   | 3,500 (7,175) |
| 5 | 750 (1,655)   |
|   | 200           |



TOYOTA  
TECHNICAL SPECIFICATIONS

| 2H Diesel  |           |
|------------|-----------|
| Wagon      | Wagon G   |
| HJ60LV-MCW | HJ60RG-MW |

Performance

|                                                 |                   |                     |                                   |                       |
|-------------------------------------------------|-------------------|---------------------|-----------------------------------|-----------------------|
| Max. speed                                      |                   | km/h (mph)          | 145 (90)                          |                       |
| Max. cruising speed                             |                   | km/h (mph)          | 116 (73)                          |                       |
| Acceleration                                    | 0 to 100 km/h     | sec.                | 26.0                              |                       |
|                                                 | SS 1/4 mile       | sec.                | 22.5                              |                       |
| 5<br><br>Fuel consumption                       | DIN               | km/liter            | —                                 |                       |
|                                                 |                   | mile/US gal.        | —                                 |                       |
|                                                 |                   | mile/Imp gal.       | —                                 |                       |
|                                                 | ECE (Europe only) | 90 km/h    ℓ/100km  | 9.8                               |                       |
|                                                 |                   | 120 km/h    ℓ/100km | 13.8                              |                       |
|                                                 |                   | ECE mode    ℓ/100km | 15.4                              |                       |
| 10<br><br>Max. gradability    tanθ              | 1st gear          |                     | L1.00 or more / H0.56             | L1.00 or more / H0.57 |
|                                                 | 2nd gear          |                     | 0.60 / 0.26                       | 0.62 / 0.27           |
|                                                 | 3rd gear          |                     | 0.30 / 0.14                       | 0.31 / 0.14           |
|                                                 | 4th gear          |                     | 0.19 / 0.07                       | 0.19 / 0.07           |
|                                                 | 5th gear          |                     | 0.15 / 0.05                       | 0.15 / 0.05           |
|                                                 | Rev. gear         |                     | 1.00 or more / 0.56               | 1.00 or more / 0.57   |
| 15<br><br>Max. permissible speed<br>km/h (mph)  | 1st gear          |                     | 26 (16)                           |                       |
|                                                 | 2nd gear          |                     | 48 (30)                           |                       |
|                                                 | 3rd gear          |                     | 83 (52)                           |                       |
|                                                 | 4th gear          |                     | 140 (87)                          |                       |
|                                                 | 5th gear          |                     | —                                 |                       |
| 20<br><br>Min. turning radius    m (ft.)        | Tire              |                     | 6.2 (20.4) (2WD) 6.7 (22.0) (4WD) |                       |
|                                                 | Body              |                     | 6.7 (22.0) (2WD) 7.2 (23.6) (4WD) |                       |
| 25<br><br>Slant angle                    degree | Right             |                     | 44                                |                       |
|                                                 | Left              |                     | 44                                |                       |

Transfer gear:  
L = Low  
H = High



| 2H Diesel |            |             |           |
|-----------|------------|-------------|-----------|
| Wagon G   |            |             |           |
| HJ60LG-MW | HJ60LG-MZW | HJ60LG-MCZW | HJ60LG-PW |

Performance

|    |                                   |                       |               |
|----|-----------------------------------|-----------------------|---------------|
|    | 145 (90)                          |                       | 135 (85)      |
|    | 116 (73)                          |                       | 108 (68)      |
|    | 26.0                              |                       | 31.0          |
|    | 22.5                              |                       | 24.5          |
|    | —                                 |                       | —             |
| 5  | —                                 |                       | —             |
|    | 9.8                               |                       | 9.4           |
|    | 13.8                              |                       | 13.2          |
|    | 15.4                              |                       | —             |
|    | L1.00 or more / H0.54             | L1.00 or more / H0.40 | L0.85 / H0.34 |
|    | 0.58 / 0.25                       | 0.43 / 0.19           | 0.35 / 0.16   |
| 10 | 0.30 / 0.13                       | 0.23 / 0.10           | 0.21 / 0.08   |
|    | 0.18 / 0.07                       | 0.14 / 0.05           | 0.14 / 0.04   |
|    | 0.15 / 0.04                       | 0.11 / 0.03           | —             |
|    | 1.00 or more / 0.54               | 1.00 or more / 0.40   | 0.73 / 0.30   |
|    | 26 (16)                           | 38 (24)               | —             |
| 15 | 48 (30)                           | 74 (46)               | —             |
|    | 83 (52)                           | 135 (85)              | —             |
|    | 140 (87)                          | —                     | —             |
|    | —                                 | —                     | —             |
|    | 6.2 (20.4) (2WD) 6.7 (22.0) (4WD) | —                     | —             |
| 20 | 6.7 (22.0) (2WD) 7.2 (23.6) (4WD) | —                     | —             |
|    | 44                                | —                     | —             |
|    | 44                                | —                     | —             |
|    | —                                 | —                     | —             |
|    | —                                 | —                     | —             |
| 25 | —                                 | —                     | —             |



TOYOTA  
TECHNICAL SPECIFICATIONS

| 12H-T Diesel |            |
|--------------|------------|
| Wagon        | Wagon G    |
| HJ61LV-MCXW  | HJ61LG-MXW |

| Performance                          |                      |                  |                               |
|--------------------------------------|----------------------|------------------|-------------------------------|
| Max. speed                           |                      | km/h (mph)       | 155 (97)                      |
| Max. cruising speed                  |                      | km/h (mph)       | 124 (77)                      |
| Acceleration                         | 0 to 100 km/h        | sec.             | 17.5                          |
|                                      | SS 1/4 mile          | sec.             | 20.4                          |
| Fuel consumption                     | DIN                  | km/liter         | —                             |
|                                      |                      | mile/US gal.     | —                             |
|                                      |                      | mile/Imp gal.    | —                             |
|                                      | ECE<br>(Europe only) | 90 km/h 2/100km  | 7.7                           |
|                                      |                      | 120 km/h 2/100km | 11.8                          |
|                                      |                      | ECE mode 2/100km | 12.1                          |
| Max. gradability tanθ                | 1st gear             |                  | L1.00 or more / H0.59         |
|                                      | 2nd gear             |                  | 0.64 / 0.28                   |
|                                      | 3rd gear             |                  | 0.36 / 0.17                   |
|                                      | 4th gear             |                  | 0.22 / 0.10                   |
|                                      | 5th gear             |                  | 0.18 / 0.07                   |
|                                      | Rev. gear            |                  | 1.00 or more / 0.59           |
| Max. permissible speed<br>km/h (mph) | 1st gear             |                  | 26 (16)                       |
|                                      | 2nd gear             |                  | 48 (30)                       |
|                                      | 3rd gear             |                  | 83 (52)                       |
|                                      | 4th gear             |                  | 145 (90)                      |
|                                      | 5th gear             |                  | —                             |
| Min. turning radius m (ft.)          | Tire                 |                  | 6.2(20.4)(2WD) 6.7(22.0)(4WD) |
|                                      | Body                 |                  | 6.7(22.0)(2WD) 7.2(23.6)(4WD) |
| Slant angle degree                   | Right                |                  | 44                            |
|                                      | Left                 |                  | 44                            |

Transfer gear:  
L=Low  
H=High



| 2H          |             | 12H-T       |
|-------------|-------------|-------------|
| 5-Speed M/T | 4-Speed A/T | 5-Speed M/T |

Engine — General

|                                  |                              |                |                                    |                                    |                                    |  |
|----------------------------------|------------------------------|----------------|------------------------------------|------------------------------------|------------------------------------|--|
| Model                            |                              |                | 2H, Diesel                         |                                    | 12H-T Diesel                       |  |
| Engine installation location     |                              |                | Front, longitudinally mounted      |                                    |                                    |  |
| Type No. Cyls. Valve arrangement |                              |                | In-line, 6-cyl., O.H.V.            |                                    |                                    |  |
| Bore and stroke                  |                              | mm (in.)       | 91.0 x 102.0 (3.58 x 4.02)         |                                    |                                    |  |
| Piston displacement              |                              | cc (cu.in.)    | 3,980 (242.9)                      |                                    |                                    |  |
| 5                                | Compression ratio            |                | 20.7                               |                                    | 18.6                               |  |
|                                  | Compression pressure         |                | KPa                                |                                    | 2,746                              |  |
|                                  | Max. permissible rpm         | continuous rpm | 3,500                              |                                    |                                    |  |
| momentary rpm                    |                              | 4,100          |                                    |                                    |                                    |  |
| 10                               | No. of compression ring/cyl. |                | 2                                  |                                    |                                    |  |
|                                  | No. of oil ring/cyl.         |                | 1                                  |                                    |                                    |  |
|                                  | No. of main bearings         |                | 7                                  |                                    |                                    |  |
| Max. BHP                         | SAE NET                      | kw/rpm         | 79/3,500                           |                                    | —                                  |  |
|                                  | DIN or EEC                   | kw/rpm         | 76/3,500                           |                                    | 100/3,500                          |  |
| 15 Max. Torque                   | SAE NET                      | N-m/rpm        | 246/1,800                          |                                    | —                                  |  |
|                                  | DIN or EEC                   | N-m/rpm        | 241/1,800                          |                                    | 315/1,800                          |  |
| Vacuum at idling speed           |                              | KPa/rpm        | —                                  |                                    |                                    |  |
| Engine dimension (L x W x H)     |                              | mm (in.)       | 973x553x692<br>(38.31x21.77x27.24) | 940x560x692<br>(37.01x22.05x27.24) | 973x616x755<br>(38.31x24.25x29.72) |  |
| Engine service weight            |                              | kg (lb.)       | 334 (736.4)                        | 322 (709.9)                        | 362 (798.1)                        |  |

Engine — Valve System

|              |                 |        |          |          |                                |    |
|--------------|-----------------|--------|----------|----------|--------------------------------|----|
| Valve timing | intake          | opens  | (° BTDC) | 16       |                                |    |
|              |                 | closes | (° ABDC) | 48       |                                | 30 |
|              | exhaust         | opens  | (° BBDC) | 52       |                                |    |
|              |                 | closes | (° ATDC) | 14       |                                |    |
| 5            | Valve clearance |        | intake   | mm (in.) | 0.20 (0.008) (with engine hot) |    |
|              |                 |        | exhaust  | mm (in.) | 0.36 (0.014) (with engine hot) |    |



TOYOTA  
TECHNICAL SPECIFICATIONS

|    |       |
|----|-------|
| 2H | 12H-T |
|----|-------|

Engine – Lubrication System

|                         |                                                        |                                 |
|-------------------------|--------------------------------------------------------|---------------------------------|
| Type of lubrication     |                                                        | Full pressure                   |
| Oil pump type           |                                                        | Trochoid                        |
| Oil filter type, system |                                                        | Paper filter element, full flow |
| 5 Oil capacity          | Dry Refill with Filter<br>ℓ (US.qts., Imp.qts.)        | 13.0 (13.74, 11.44)             |
|                         | Drain & Refill with Filter<br>ℓ (US.qts., Imp.qts.)    | 10.7 (11.31, 9.42)              |
|                         | Drain & Refill without Filter<br>ℓ (US.qts., Imp.qts.) | 9.1 (9.62, 8.01)                |
| Oil cooler type         |                                                        | Built-in, water-cooled          |

Engine – Cooling System

|                            |                             |                                       |
|----------------------------|-----------------------------|---------------------------------------|
| System                     |                             | Water-cooled, V-belt drive            |
| Fan                        | Number of blades            | 8                                     |
|                            | Diameter           mm (in.) | 450 (17.72)                           |
|                            | Material                    | P.P.G.                                |
| 5 Coupling                 | Type                        | Fluid                                 |
|                            | Oil viscosity               | 3,000 cst                             |
| Water pump type            |                             | Centrifugal, V-belt drive             |
| Radiator core type         |                             | Corrugated fin & tube                 |
| 10 Cooling system capacity | with heater   ℓ             | 15.4 (16.28 U.S.qts., 13.55 Imp.qts.) |
|                            | without heater ℓ            | 13.0 (13.74 U.S.qts., 11.44 Imp.qts.) |
| Cooling system temperature | Normal   °C (°F)            | 88 (190.4)                            |
|                            | Overheat °C (°F)            | 110 (230.0)                           |

Engine – Fuel System

|                            |                    |   |
|----------------------------|--------------------|---|
| Carburetor type, No., Make |                    | — |
| Throttle bore dia.         | Primary   mm (in.) | — |
|                            | Secondary mm (in.) | — |
| Main venturi dia.          | Primary   mm (in.) | — |
|                            | Secondary mm (in.) | — |
| 5 Main jet dia.            | Primary   mm (in.) | — |
|                            | Secondary mm (in.) | — |



|    |       |
|----|-------|
| 2H | 12H-T |
|----|-------|

Engine – Fuel System (Continued)

|                         |                           |          |                   |
|-------------------------|---------------------------|----------|-------------------|
| Slow jet dia.           | Primary                   | mm (in.) | –                 |
|                         | Secondary                 | mm (in.) | –                 |
| Power jet dia.          |                           | mm (in.) | –                 |
| Economizer jet dia.     |                           | mm (in.) | –                 |
| 5 Fuel injection system | Fuel injection type       |          | –                 |
|                         | Injection pump type, Make |          | –                 |
|                         | Delivered quantity        | ℓ/h      | –                 |
| Choke type              |                           |          | –                 |
| Fuel pump type          |                           |          | –                 |
| Fuel filter type        |                           |          | Paper             |
| 10 Fuel tank capacity   | ℓ (US. gal., Imp. gal.)   |          | 90 (23.78, 19.80) |

Engine – Fuel System (Diesel)

|                  |                       |             |                            |
|------------------|-----------------------|-------------|----------------------------|
| Injection timing |                       | 18° BTDC    | 11° BTDC                   |
| Injection order  |                       | 1-4-2-6-3-5 |                            |
| Fuel pump type   |                       | Plunger     |                            |
| 5 Injection pump | Type                  | BOSCH       |                            |
|                  | Make                  | ND          |                            |
|                  | Plunger dia.          | mm (in.)    | 7 (0.28) 9 (0.35)          |
|                  | Cam lift              | mm (in.)    | 8 (0.32) 9 (0.35)          |
|                  | Automatic timer type  |             | Centrifugal                |
|                  | Injection nozzle type |             | Throttle Multi-hole        |
|                  | Nozzle dia.           | mm (in.)    | 1.0 (0.04) 0.25 (0.01) x 5 |
| 10               | Injection pressure    | kPa         | 11,768 20,104              |
| Glow plug        | Type                  | Sheathed    | –                          |
|                  | V & Amp               | 14 & 4.9    | –                          |

Engine – Fuel

|               |            |
|---------------|------------|
| Octane number | –          |
| Cetane number | 50 or more |



TOYOTA  
TECHNICAL SPECIFICATIONS

|    |       |
|----|-------|
| 2H | 12H-T |
|----|-------|

Engine – Ignition System

|                 |                                   |   |
|-----------------|-----------------------------------|---|
| Ignition type   |                                   | — |
| Ignition timing |                                   | — |
| Firing order    |                                   | — |
| 5 Spark plug    | Model                             | — |
|                 | Make                              | — |
|                 | Dia. — length      mm (in.)       | — |
|                 | Gap                      mm (in.) | — |
| 10 Distributor  | Heel gap                mm (in.)  | — |
|                 | Cam closing angle    degree       | — |
|                 | Point pressure              g     | — |
|                 | Condenser capacity      μF        | — |

Engine – Electrical System

|                     |                    |                 |                   |
|---------------------|--------------------|-----------------|-------------------|
| Battery             | Model, No.         | 55D23R + 55D23L |                   |
|                     | Voltage & Amp. hr. | 24 – 60         |                   |
|                     | Specific gravity   | 1.25 ~ 1.27     |                   |
|                     | Terminal grounded  | Negative        |                   |
| 5 Alternator output | Watts              | 720             | 960* <sup>1</sup> |
| Starter output      | KW                 | 4.5             |                   |

Option

|                   |                    | 2H                |                              | 12H-T         |               |
|-------------------|--------------------|-------------------|------------------------------|---------------|---------------|
| Battery           | Model, No.         | 75D31R+75D31L     | 95D31R+95D31L * <sup>1</sup> | 75D31R+75D31L | 95D31R+95D31L |
|                   | Voltage & Amp. hr. | 24 – 70           | 24 – 80                      | 24 – 70       | 24 – 80       |
|                   | Specific gravity   | 1.25 ~ 1.27       | 1.27 ~ 1.29                  | 1.25 ~ 1.27   | 1.27 ~ 1.29   |
| Alternator output |                    | 960* <sup>2</sup> |                              | 960           |               |

\*<sup>1</sup> ..... Automatic T/M model  
\*<sup>2</sup> ..... Except automatic T/M model  
Ampere Hour is the reading at 20-hour run.







# TOYOTA

## TECHNICAL SPECIFICATIONS

| 2H          |             | 12H-T |
|-------------|-------------|-------|
| 4-Speed A/T | 5-Speed M/T |       |

### Drive Units – Clutch (Manual Transmission)

|                                |                                      |                                                      |              |                                     |  |
|--------------------------------|--------------------------------------|------------------------------------------------------|--------------|-------------------------------------|--|
| Make & type                    |                                      |                                                      | —            | AISIN, Dry type single plate clutch |  |
| Type of pressure plate springs |                                      |                                                      | —            | Diaphragm                           |  |
| No. of clutch driven discs     |                                      |                                                      | —            | 1                                   |  |
| 5                              | Clutch facing                        | Outside & inside dia.    mm (in.)                    | —            | 275 x 175 (10.83 x 6.89)            |  |
|                                |                                      | Thickness                    mm (in.)                | —            | 3.5 (0.14)                          |  |
|                                |                                      | Total eff. area            cm <sup>2</sup> (sq. in.) | —            | 353 (54.72)                         |  |
| Weight                         | Clutch cover                kg (lb.) | —                                                    | 9.130 (20.1) | 9.175 (20.2)                        |  |
|                                | Clutch disc                 kg (lb.) | —                                                    | 2.050 (4.52) |                                     |  |

### Drive Units – Manual Transmission

|                                   |                           |          |                     |
|-----------------------------------|---------------------------|----------|---------------------|
| Number of forward speeds          |                           | —        | 5                   |
| Shift lever location              |                           | —        | Floor shift         |
| 5                                 | In-first                  | —        | 4.843 (synchromesh) |
|                                   | In-second                 | —        | 2.618 (synchromesh) |
|                                   | In-third                  | —        | 1.516 (synchromesh) |
|                                   | In-fourth                 | —        | 1.000 (synchromesh) |
|                                   | In-fifth                  | —        | 0.845 (synchromesh) |
|                                   | Extra low (4WD)           | —        | —                   |
|                                   | In-reverse                | —        | 4.843               |
| Synchronous meshing specify gears |                           | —        | 5                   |
| Oil capacity                      | liter (US.qts., Imp.qts.) | —        | 4.9 (5.18, 4.31)    |
| Transmission weight               |                           | kg (lb.) | 61 (134.5)          |

### Drive Units – Automatic Transmission

|                                        |                  |                                  |             |   |
|----------------------------------------|------------------|----------------------------------|-------------|---|
| Type                                   |                  | Hydraulic control planetary gear | —           |   |
| Selector location                      |                  | Floor shift                      | —           |   |
| 5                                      | Gear ratio       | In-first                         | 2.950       | — |
|                                        |                  | In-second                        | 1.530       | — |
|                                        |                  | In-third                         | 1.000       | — |
|                                        |                  | In-fourth                        | 0.717       | — |
|                                        |                  | In-reverse                       | 2.678       | — |
| 10                                     | Torque converter | Number of elements               | 3           | — |
|                                        |                  | Max. ratio at stall              | 2.000       | — |
|                                        |                  | Weight kg (lb.)                  | 19.2 (42.3) | — |
| Oil capacity liter (US.qts., Imp.qts.) |                  | 15 (15.75, 13.20)                | —           |   |
| Transfer box weight kg (lb.)           |                  | 100 (220.5)                      | —           |   |



| 2H          |             | 12H-T |
|-------------|-------------|-------|
| 4-Speed A/T | 5-Speed M/T |       |

Drive Units – Transfer

|                      |                            |                  |                  |
|----------------------|----------------------------|------------------|------------------|
| Shift lever location |                            | Floor shift      |                  |
| Gear ratios          | Low                        | 1.963            |                  |
|                      | High                       | 1.000            |                  |
| Oil capacity         | liter (US. qts, Imp. qts.) | 2.1 (2.22, 1.85) | 2.2 (2.33, 1.94) |
| Transfer weight      | kg (lb)                    | 37.7 (83.1)      | 36.4 (80.3)      |

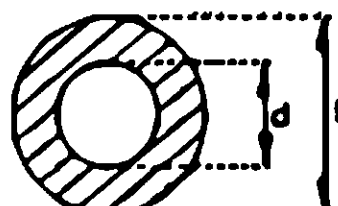
Drive Units – Differential

|                   |  |                                               |                                                |
|-------------------|--|-----------------------------------------------|------------------------------------------------|
| Housing type      |  | Banjo                                         |                                                |
| Gear type         |  | Hypoid gear                                   |                                                |
| Axle ratio        |  | 4.111 Opt.: 4.111 (LSD), 4.111 (w/diff. lock) | 3.700 Opt.: 3.700 (LSD), 3.700 (w/diff. lock)  |
| No. of pinion     |  | 2 4*                                          |                                                |
| Size of ring gear |  | mm (in.)                                      | 241.3 (9.5)                                    |
| Oil capacity      |  | liter (US.qts., Imp.qts.)                     | Front: 3.0 (3.17, 2.64) Rear: 2.5 (2.64, 2.20) |

Drive Units – Propeller Shaft \* ..... Opt.: Limited slip diff. or Diff. lock

|                                           |             |                                                                         |                                                                                         |
|-------------------------------------------|-------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Number used                               |             | 2                                                                       |                                                                                         |
| Length x Outer dia. x Inner dia. mm (in.) |             | Front: 731x65x61.8 (28.8x2.6x2.4)<br>Rear: 852x68.9x64.3 (33.5x2.7x2.5) | Front: 580 x 65 x 61.8 (22.8 x 2.6 x 2.4)<br>Rear: 998.5 x 68.9 x 64.3 (39 x 2.7 x 2.5) |
| Universal joints                          | Number used | Front: 2    Rear: 2                                                     |                                                                                         |
|                                           | Type        | Cross                                                                   |                                                                                         |

Axle – Front

|                                                                       |                                                                                         |                                     |                                                                                            |                                |  |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------|--|
| Make & Type                                                           |                                                                                         |                                     | TOYOTA, Full-floating                                                                      |                                |  |
| Weight (incl. hubs, brakes, wheels, tyres, but less springs) kg (lb.) |                                                                                         |                                     | 205 (457)                                                                                  |                                |  |
| Distance                                                              | Center of RH & LH springs mm (in.)                                                      |                                     | 746 (29.4)                                                                                 |                                |  |
|                                                                       | Center of RH & LH kingpins mm (in.)                                                     |                                     | 1,232 (48.5)                                                                               |                                |  |
| Axle beam                                                             | Height mm (in.)                                                                         |                                     |        | D: 80 (3.15)                   |  |
|                                                                       | Width mm (in.)                                                                          |                                     |                                                                                            | d: 68 (2.67)                   |  |
|                                                                       | Web thickness mm (in.)                                                                  |                                     | —                                                                                          |                                |  |
|                                                                       | Flange thickness mm (in.)                                                               |                                     | —                                                                                          |                                |  |
|                                                                       | Strength modulus                                                                        | Vertical                            | mm <sup>3</sup>                                                                            | 24,030                         |  |
|                                                                       |                                                                                         | Horizontal                          | mm <sup>3</sup>                                                                            | 24,030                         |  |
|                                                                       | Mechanical property                                                                     | Material                            |                                                                                            | SHP50 (TSG3101)                |  |
|                                                                       |                                                                                         | Yield point kg/mm <sup>2</sup>      |                                                                                            | 3.92 x 10 <sup>5</sup> or more |  |
|                                                                       |                                                                                         | Tensile strength kg/mm <sup>2</sup> |                                                                                            | 4.9 x 10 <sup>5</sup> or more  |  |
|                                                                       |                                                                                         | Brinell hardness                    |                                                                                            | —                              |  |
| Axle bearing                                                          | Make                                                                                    |                                     | KOYO                                                                                       |                                |  |
|                                                                       | Type                                                                                    |                                     | Taper roller bearing                                                                       |                                |  |
|                                                                       | Size (Outer dia. x Inner dia. x Width)<br>1. Inner bearing<br>2. Outer bearing mm (in.) |                                     | 1. 82 x 50 x 21.5 (3.23 x 1.97 x 0.85)<br>2. 73.431 x 45.242 x 19.558 (2.89 x 1.78 x 0.77) |                                |  |
|                                                                       | Part No.<br>1. Inner bearing<br>2. Outer bearing                                        |                                     | 1. 90368-49084<br>2. 90368-45087                                                           |                                |  |



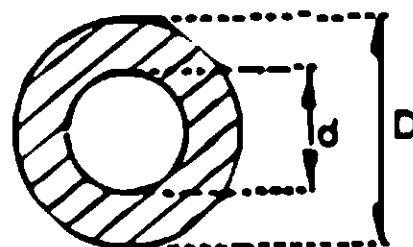
TOYOTA  
TECHNICAL SPECIFICATIONS

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| Wagon | Wagon G |
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Axle – Front (Continued)

|    |                                  |                  |          |          |                                                  |
|----|----------------------------------|------------------|----------|----------|--------------------------------------------------|
| 5  | Wheel alignment                  | Toe-in           | mm (in.) | 1 (0.04) | 205SR16 tire: 1 (0.04)<br>10R15 tire: -1 (-0.04) |
|    |                                  | Camber           | degree   | 60       |                                                  |
|    |                                  | Caster           | degree   | 65       | 50                                               |
|    |                                  | Kingpin angle    | degree   | 9.5      |                                                  |
|    |                                  | Turning angle    | degree   | 21       |                                                  |
| 10 | Permissible tolerance & end play | Kingpin          | axial    | mm (in.) | -                                                |
|    |                                  |                  | radial   | mm (in.) | -                                                |
|    |                                  | Lower ball joint | axial    | mm (in.) | -                                                |
|    |                                  |                  | radial   | mm (in.) | -                                                |
|    |                                  | Steering ball    | axial    | mm (in.) | -                                                |
|    |                                  |                  | radial   | mm (in.) | -                                                |

Axle – Rear

|                                                 |                              |                                                       |                                            |                                                                                       |                              |  |
|-------------------------------------------------|------------------------------|-------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------|------------------------------|--|
| Make & type                                     |                              |                                                       |                                            | TOYOTA, Semi-floating                                                                 |                              |  |
| Weight                                          |                              | (incl. hubs, brakes, wheels, tyres, but less springs) |                                            | kg (lb.)                                                                              |                              |  |
|                                                 |                              |                                                       |                                            | 168 (370)                                                                             |                              |  |
| Distance (Center of RH & LH springs)            |                              | mm (in.)                                              |                                            | 1,030 (40.55)                                                                         |                              |  |
| 5<br><br><br><br><br><br><br><br><br><br><br>10 | Axle housing                 | Profile of section                                    |                                            |  | D: 80 (3.15)<br>d: 68 (2.68) |  |
|                                                 |                              | Dimensions mm (in.)                                   |                                            |                                                                                       |                              |  |
|                                                 |                              | Strength modulus                                      | Vertical                                   | mm³                                                                                   | 24,030                       |  |
|                                                 |                              |                                                       | Horizontal                                 | mm³                                                                                   | 24,030                       |  |
|                                                 | Mechanical property          | Material                                              |                                            | SHP50 (TSG501)                                                                        |                              |  |
|                                                 |                              | Yield point kPa                                       |                                            | 3.92 x 10⁵ or more                                                                    |                              |  |
|                                                 |                              | Tensile strength kPa                                  |                                            | 4.9 x 10⁵ or more                                                                     |                              |  |
|                                                 |                              | Brinell hardness                                      |                                            | —                                                                                     |                              |  |
|                                                 | Min. dia. of rear axle shaft |                                                       | mm (in.)                                   |                                                                                       | 30.691 (1.21)                |  |
|                                                 | 15                           | Axle bearing                                          | Make                                       |                                                                                       | KOYO                         |  |
| Type                                            |                              |                                                       | Cylindrical roller bearing                 |                                                                                       |                              |  |
| Size (Outer dia. x Inner dia. x width)          |                              |                                                       | 1. —                                       |                                                                                       |                              |  |
| 1. Inner<br>2. Outer mm (in.)                   |                              |                                                       | 2. 70.644 x 47.5 x 27 (2.78 x 1.87 x 1.06) |                                                                                       |                              |  |
|                                                 |                              | Part No.                                              |                                            | 1. —                                                                                  |                              |  |
|                                                 |                              | 1. Inner bearing<br>2. Outer bearing                  |                                            | 2. 90365-47013                                                                        |                              |  |
| Axle parallelism                                |                              | mm (in.)                                              |                                            | ±10 (±0.39)                                                                           |                              |  |



|       |         |
|-------|---------|
| Wagon | Wagon G |
|-------|---------|

Suspension – Front

| Suspension type and description                               |                     |                                                                      | Axle type, Semi-elliptic leaf spring                      |                                                                                            |                                |
|---------------------------------------------------------------|---------------------|----------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------|
| 5<br><br><br><br><br><br><br>10<br><br><br><br><br><br><br>15 | Main<br>spring      | Size (wire dia. x coil dia. x length-effective windings)<br>mm (in.) | —                                                         |                                                                                            |                                |
|                                                               |                     | Spring rate                                                          | kg/mm                                                     | —                                                                                          |                                |
|                                                               |                     | Material                                                             | —                                                         |                                                                                            |                                |
|                                                               |                     | Yield point                                                          | kg/mm <sup>2</sup>                                        | —                                                                                          |                                |
|                                                               |                     | Tensile strength                                                     | kg/mm <sup>2</sup>                                        | —                                                                                          |                                |
|                                                               |                     | Brinell hardness                                                     | —                                                         |                                                                                            |                                |
|                                                               |                     | Leaf                                                                 | Size (length x width x thick-<br>ness-leaves)<br>mm (in.) | 1,100 x 70 x $\frac{6-3}{7-2} \left( 43.3 \times 2.8 \times \frac{0.24-3}{0.51-1} \right)$ |                                |
|                                                               |                     |                                                                      | Spring rate                                               | N/mm                                                                                       | 42.1                           |
|                                                               |                     |                                                                      | Material                                                  | SUP 6                                                                                      |                                |
|                                                               |                     |                                                                      | Yield point                                               | kPa                                                                                        | 1.08 x 10 <sup>6</sup> or more |
|                                                               |                     |                                                                      | Tensile strength                                          | kPa                                                                                        | 1.23 x 10 <sup>6</sup> or more |
|                                                               |                     |                                                                      | Brinell hardness                                          | 388 ~ 461                                                                                  |                                |
| 15                                                            | Auxiliary<br>spring | Size                                                                 | mm (in.)                                                  | —                                                                                          |                                |
|                                                               |                     | Spring rate                                                          | kg/mm                                                     | —                                                                                          |                                |
|                                                               |                     | Material                                                             | —                                                         |                                                                                            |                                |
|                                                               |                     | Yield point                                                          | kg/mm <sup>2</sup>                                        | —                                                                                          |                                |
|                                                               |                     | Tensile strength                                                     | kg/mm <sup>2</sup>                                        | —                                                                                          |                                |
|                                                               |                     | Brinell hardness                                                     | —                                                         |                                                                                            |                                |
| 20                                                            | Stabilizer          | Type                                                                 | Torsion bar                                               |                                                                                            |                                |
|                                                               |                     | Bar diameter                                                         | mm (in.)                                                  | 19 (0.75)                                                                                  |                                |
|                                                               |                     | Arm length                                                           | mm (in.)                                                  | —                                                                                          |                                |
|                                                               |                     | Bar length                                                           | mm (in.)                                                  | —                                                                                          |                                |
|                                                               |                     | No. of bars                                                          | —                                                         |                                                                                            |                                |
| 25                                                            | Shock<br>absorber   | Type                                                                 | Double-acting hydraulic telescopic                        |                                                                                            |                                |
|                                                               |                     | Dumping force at 0.3 m/sec. of piston<br>speed (N/mm)                | Rebound: 1,569<br>Bound: 657                              | Rebound: 1,569<br>Bound: 539                                                               |                                |
| 30                                                            |                     |                                                                      |                                                           |                                                                                            |                                |



TOYOTA  
TECHNICAL SPECIFICATIONS

|       |         |
|-------|---------|
| Wagon | Wagon G |
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Suspension – Rear

| Suspension type and description |                  |      | Axle type, Semi-elliptic leaf spring                                 |                                                                                                                                                                                       |
|---------------------------------|------------------|------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5                               | Main springs     | Coil | Size (wire dia. x coil dia. x length-effective windings)<br>mm (in.) | —                                                                                                                                                                                     |
|                                 |                  | Coil | Spring rate kg/mm                                                    | —                                                                                                                                                                                     |
|                                 |                  |      | Material                                                             | —                                                                                                                                                                                     |
|                                 |                  |      | Yield point kg/mm <sup>2</sup>                                       | —                                                                                                                                                                                     |
|                                 |                  |      | Tensile strength kg/mm <sup>2</sup>                                  | —                                                                                                                                                                                     |
|                                 |                  |      | Brinell hardness                                                     | —                                                                                                                                                                                     |
| 10                              | Main springs     | Leaf | Size (length x sidth x thick-ness-leaves)<br>mm (in.)                | 1,200 x 70 x $\frac{7-5}{6-3} \left( 47.2 \times 2.8 \times \frac{0.28-5}{0.24-3} \right)$ 1,200 x 70 x $\frac{7-5}{6-2} \left( 47.2 \times 2.8 \times \frac{0.28-5}{0.24-2} \right)$ |
|                                 |                  |      | Spring rate N/mm                                                     | 54.9, 98 (w/ helper spring) 53.9                                                                                                                                                      |
|                                 |                  |      | Material                                                             | SUP 6                                                                                                                                                                                 |
|                                 |                  |      | Yield point kPa                                                      | 1.09 x 10 <sup>6</sup> or more                                                                                                                                                        |
|                                 |                  |      | Tensile strength kPa                                                 | 1.23 x 10 <sup>6</sup> or more                                                                                                                                                        |
|                                 |                  |      | Brinell hardness                                                     | 388 ~ 461                                                                                                                                                                             |
| 15                              | Auxiliary spring | Leaf | Size mm (in.)                                                        | —                                                                                                                                                                                     |
|                                 |                  |      | Spring rate kg/mm                                                    | —                                                                                                                                                                                     |
|                                 |                  |      | Material                                                             | —                                                                                                                                                                                     |
|                                 |                  |      | Yield point kg/mm <sup>2</sup>                                       | —                                                                                                                                                                                     |
|                                 |                  |      | Tensile strength kg/mm <sup>2</sup>                                  | —                                                                                                                                                                                     |
|                                 |                  |      | Brinell hardness                                                     | —                                                                                                                                                                                     |
| 20                              | Stabilizer       | Leaf | Type                                                                 | — Torsion bar                                                                                                                                                                         |
|                                 |                  |      | Bar diameter mm (in.)                                                | — 21 (0.83)                                                                                                                                                                           |
|                                 |                  |      | Arm length mm (in.)                                                  | —                                                                                                                                                                                     |
|                                 |                  |      | Bar length mm (in.)                                                  | —                                                                                                                                                                                     |
|                                 |                  |      | No. of bars                                                          | —                                                                                                                                                                                     |
|                                 |                  |      |                                                                      |                                                                                                                                                                                       |
| 25                              | Shock absorber   | Leaf | Type                                                                 | Double-acting hydraulic telescopic                                                                                                                                                    |
|                                 |                  |      | Dumping force at 0.3 m/sec. of piston speed (N/mm)                   | —                                                                                                                                                                                     |



|            |
|------------|
| All Models |
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Steering

|                             |                                |          |                                                        |
|-----------------------------|--------------------------------|----------|--------------------------------------------------------|
| Manual (STD, OPT)           |                                |          | —                                                      |
| Power (STD, OPT, NA)        |                                |          | STD                                                    |
| Wheel diameter              | Manual                         | mm (in.) | —                                                      |
|                             | Power                          | mm (in.) | P.P.: 400 (15.75) Urethan : 410 (16.14) (Wagon G only) |
| 5<br>Manual                 | Gear                           | Type     | —                                                      |
|                             |                                | Ratio    | —                                                      |
|                             | No. wheel turns (Stop to Stop) |          | —                                                      |
|                             | Oil capacity                   |          | c.c. —                                                 |
| 10<br>Power                 | Type, Make                     |          | Integral, TOYODA KOKI                                  |
|                             | Gear                           | Type     | Ball nut                                               |
|                             |                                | Ratio    | 19.13                                                  |
|                             | No. wheel turns (Stop to Stop) |          | 3.6                                                    |
| 15<br>Steering angle        | Oil capacity                   |          | c.c. 810                                               |
|                             | Inner                          | degree   | 32                                                     |
|                             | Outer                          | degree   | 30                                                     |
| Free play of steering wheel |                                |          | mm (in.) —                                             |
| Dia. of tie rod             |                                |          | mm (in.) Outer dia.: 29 (1.14) Inner dia.: 20 (0.79)   |
| Dia. of pitman arm shaft    |                                |          | mm (in.) 32 (1.26)                                     |

Brakes — Parking

|                                 |                                          |          |                                           |
|---------------------------------|------------------------------------------|----------|-------------------------------------------|
| Type                            |                                          |          | Mechanical brake operating on rear wheels |
| If separate from service brakes | Drum diameter                            | mm (in.) | 295.0 (11.61)                             |
|                                 | Lining size (length x width x thickness) | mm (in.) | 296 x 60 x 7 (11.65 x 2.36 x 0.28)        |
|                                 | Total eff-area cm <sup>2</sup> (sq.in.)  |          | 178 (27.6) x 2 x 2                        |



TOYOTA  
TECHNICAL SPECIFICATIONS

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| 2H | 12H-T |
|----|-------|

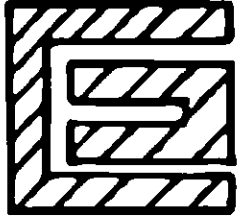
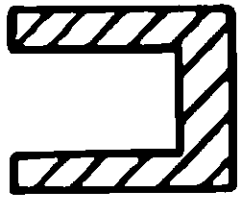
Brakes — Service

|                                                       |                     |                                                    |                                                   |                                      |
|-------------------------------------------------------|---------------------|----------------------------------------------------|---------------------------------------------------|--------------------------------------|
| Brake                                                 | Type                | Front                                              | Hydraulic disc with vacuum booster                |                                      |
|                                                       |                     | Rear                                               | Hydraulic drum with vacuum booster                |                                      |
|                                                       | Mechanism           | Front                                              | Fixed caliper, opposed cylinder                   |                                      |
|                                                       |                     | Rear                                               | Leading and trailing                              |                                      |
| Self adjusting (STD, OPT, NA)                         |                     |                                                    | STD                                               |                                      |
| Special valving<br>Type (proportion, L.S.P.V., other) |                     |                                                    | LSP & B valve                                     |                                      |
| 10                                                    | Front<br>Wheel      | Make & material                                    | SUMITOMO, Resin molded                            |                                      |
|                                                       |                     | Size (L x W x T)      mm (in.)                     | 106 x 53 x 10 (4.2 x 2.1 x 0.4)                   |                                      |
|                                                       |                     | Area                      cm <sup>2</sup> (sq.in.) | 46 (7.1) x 2 x 2                                  |                                      |
|                                                       |                     | Friction area      cm <sup>2</sup> (sq.in.)        | 1,633 (253.1)                                     |                                      |
| 15                                                    | Rear<br>Wheel       | Make & material                                    | NISSINBO or AKEBONO, Resin molded                 |                                      |
|                                                       |                     | Size (L x W x T)      mm (in.)                     | 296 x 60 x 7 (11.7 x 2.4 x 0.3)                   |                                      |
|                                                       |                     | Area                      cm <sup>2</sup> (sq.in.) | 178 (27.6) x 2 x 2                                |                                      |
|                                                       |                     | Friction area      cm <sup>2</sup> (sq.in.)        | 1,112 (172.4)                                     |                                      |
| Drum diameter                                         |                     | Front      mm (in.)                                | —                                                 |                                      |
|                                                       |                     | Rear      mm (in.)                                 | 295.0 (11.6)                                      |                                      |
| 20                                                    | Outer diameter      | Front      mm (in.)                                | 302.0 (11.9)                                      |                                      |
|                                                       |                     | Rear      mm (in.)                                 | —                                                 |                                      |
|                                                       | Lever arm           | Front      mm (in.)                                | 127.0 ( 5.0)                                      |                                      |
|                                                       |                     | Rear      mm (in.)                                 | —                                                 |                                      |
| 25                                                    | Wheel cylinder bore | Front                      mm (in.)                | 42.85 + 33.96 (1.69 + 1.34)                       |                                      |
|                                                       |                     | Rear                      mm (in.)                 | 25.40 (1.00)                                      |                                      |
|                                                       | Master cylinder     | Type                                               | Tandem                                            |                                      |
|                                                       |                     | Bore                      mm (in.)                 | 22.22 (0.87)                                      |                                      |
|                                                       | Booster             | Make & Type                                        | AISIN or JIDOSHAKIKI, Vacuum booster              |                                      |
|                                                       |                     | Servo ratio                                        | 135 bar/500N (0.920 bar) 156 bar/700N (0.920 bar) |                                      |
| 30                                                    | Brake pipe          | Face treatment                                     | inner                                             | Copper-electroplated                 |
|                                                       |                     |                                                    | outer                                             | Zinc-electroplated and resin-coating |
|                                                       |                     | Thickness of treatment                             | inner      mm (in.)                               | 0.0025 (0.0001) or more              |
|                                                       |                     |                                                    | outer      mm (in.)                               | 0.025 (0.0009) or more               |



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| All Models |
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Frame

| Type and description |                                            | Ladder type, Box section                                                              |
|----------------------|--------------------------------------------|---------------------------------------------------------------------------------------|
| 5                    | Side member                                |                                                                                       |
|                      | Material                                   | SHP 45                                                                                |
|                      | Yield point kPa                            | $2.94 \times 10^5$ or more                                                            |
|                      | Tensile strength kPa                       | $4.41 \times 10^5$ or more                                                            |
| 10                   | Side member max. section part              |                                                                                       |
|                      | Brinell harness                            | —                                                                                     |
|                      | Cross-sectional shape                      |  |
|                      | Dimension mm (in.)                         | 134 x 45 x 4.5 (5.28 x 1.77 x 0.18), 125 x 17 x 3.2 (4.92 x 0.67 x 0.13)              |
| 15                   | Side member section at rear spring shackle |                                                                                       |
|                      | Strength modulus mm <sup>3</sup>           | 48,948                                                                                |
|                      | Cross-sectional shape                      |  |
|                      | Dimension mm (in.)                         | 100 x 55 x 4.5 (3.94 x 2.17 x 0.18), 91 x 45 x 3.2 (3.58 x 1.77 x 0.13)               |
| 15                   | Reinforcement (if installed)               |                                                                                       |
|                      | Strength modulus mm <sup>3</sup>           | 42,576                                                                                |
|                      | Cross-sectional shape                      | —                                                                                     |
|                      | Dimension mm (in.)                         | —                                                                                     |
| 15                   | Installed position                         | —                                                                                     |

Body – Miscellaneous Information

|    |             |               |                                                                                                            |
|----|-------------|---------------|------------------------------------------------------------------------------------------------------------|
| 5  | Horn        | Make          | ND                                                                                                         |
|    |             | Type, Number  | Disc type, 2                                                                                               |
|    |             | Specification | 24V, 113±5 dB                                                                                              |
| 10 | Wiper       | Make          | ASMO                                                                                                       |
|    |             | Type          | Motor type                                                                                                 |
|    |             | Specification | High: 80 rpm<br>Low: 55 rpm<br>Int.: 13 rpm<br>Wiping area: 5,428 cm <sup>2</sup>                          |
| 10 | Speedometer | Make          | YAZAKI                                                                                                     |
|    |             | Type          | Transmission, eddy-current type                                                                            |
|    |             | Specification | 40 <sup>+6</sup> / <sub>+1.5</sub> km/h, 0 ~ 180 km/h 40 <sup>+4</sup> / <sub>+1.5</sub> mph, 0 ~ 110 mph* |
| 10 | Odometer    | Make          | YAZAKI                                                                                                     |
|    |             | Type          | Transmission, gear type                                                                                    |

\* ..... Right-hand drive models



TOYOTA  
TECHNICAL SPECIFICATIONS

|       |         |
|-------|---------|
| Wagon | Wagon G |
|-------|---------|

Glass

|              |                |     |     |           |
|--------------|----------------|-----|-----|-----------|
| Front        | Glass list No. | STD | ②   |           |
|              |                | OPT | ①   |           |
| Front Door   | Glass list No. | STD | ③   |           |
|              |                | OPT | —   |           |
| 5 Rear Door  | Glass list No. | STD | ③   |           |
|              |                | OPT | —   |           |
| Door Quarter | Glass list No. | STD | ③   |           |
|              |                | OPT | —   |           |
| Quarter      | Glass list No. | STD | ⑤   |           |
|              |                | OPT | —   |           |
| 10 Rear      | Glass list No. | STD | ③ ⑤ | ⑤ *1 ⑥ *2 |
|              |                | OPT | ④ ⑥ | ⑥ *1      |

\*1 ... Left-hand drive models

\*2 ... Right-hand drive models

GLASS SPECIFICATION LIST

ASAHI GLASS

|                    |                                                            |                                                                         |                                                                        |                                                                        |
|--------------------|------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------|
| No.                | ①                                                          | ②                                                                       | ③                                                                      | ④                                                                      |
| Material           | Tinted, zone-tempered                                      | Tinted, laminated                                                       | Tinted, tempered                                                       | Tinted, tempered with defogger                                         |
| Thickness mm (in.) | 5.0 (0.20)                                                 | 5.3 (0.21)                                                              | 4.0 (0.16)                                                             | 4.0 (0.16)                                                             |
| Mark               | TOYOTA<br>ZONELITE<br>Z ASAHI<br>M475<br>/<br>E6 43R-00002 | TOYOTA<br>LAMISAFE<br>LP ASAHI<br>M354 AS1<br>// DOT-20<br>E6 43R-00001 | TOYOTA<br>TEMPERLITE<br>TP ASAHI<br>M274 AS2<br>DOT-20<br>E6 43R-00034 | TOYOTA<br>TEMPERLITE<br>TP ASAHI<br>M274 AS2<br>DOT-20<br>E6 43R-00034 |

|                    |                                                                        |                                                                        |
|--------------------|------------------------------------------------------------------------|------------------------------------------------------------------------|
| No.                | ⑤                                                                      | ⑥                                                                      |
| Material           | Tinted, tempered                                                       | Tinted, tempered with defogger                                         |
| Thickness mm (in.) | 3.5 (0.14)                                                             | 3.5 (0.14)                                                             |
| Mark               | TOYOTA<br>TEMPERLITE<br>TP ASAHI<br>M273 AS2<br>DOT-20<br>E6 43R-00033 | TOYOTA<br>TEMPERLITE<br>TP ASAHI<br>M273 AS2<br>DOT-20<br>E6 43R-00033 |



|       |         |
|-------|---------|
| Wagon | Wagon G |
|-------|---------|

Lamps

|                         |                          |           |            |             |                                          |            |        |  |
|-------------------------|--------------------------|-----------|------------|-------------|------------------------------------------|------------|--------|--|
| 5                       | Side turn signal lamp    | Make      |            | KOITO       |                                          |            |        |  |
|                         |                          | Wattage   |            | 24V – 5W    |                                          |            |        |  |
|                         | Front turn signal lamp   | Make      |            | KOITO       |                                          |            |        |  |
|                         |                          | Wattage   |            | 24V – 21W   |                                          |            |        |  |
|                         | Clearance lamp           | Make      |            | KOITO       |                                          |            |        |  |
|                         |                          | Wattage   |            | 24V – 5W    |                                          |            |        |  |
|                         | Head-lamp                | Out-side  | Make       |             | KOITO                                    |            |        |  |
|                         |                          |           | Wattage    |             | 24V – 75/70W Opt.: 24V – 55/50W (yellow) |            |        |  |
|                         |                          | In-side   | Make       |             | —                                        |            |        |  |
|                         |                          |           | Wattage    |             | —                                        |            |        |  |
| 10                      | Side marker lamp         | Make      |            | —           |                                          |            |        |  |
|                         |                          | Wattage   |            | —           |                                          |            |        |  |
|                         | Reflex reflector         | Make      |            | KOITO       |                                          |            |        |  |
|                         |                          | No.       |            | —           |                                          |            |        |  |
|                         | Tail & parking lamp      | Make      |            | —           |                                          |            |        |  |
|                         |                          | Wattage   |            | —           |                                          |            |        |  |
|                         | Rear turn signal lamp    | Make      |            | KOITO       |                                          |            |        |  |
|                         |                          | Wattage   |            | 24V – 21W   |                                          |            |        |  |
|                         | Stop & tail lamp         | Make      |            | KOITO       |                                          |            |        |  |
|                         |                          | Wattage   |            | 24V – 21/5W |                                          |            |        |  |
|                         | Back-up lamp             | Make      |            | KOITO       |                                          |            |        |  |
|                         |                          | Wattage   |            | 24V – 21W   |                                          |            |        |  |
|                         | Licence plate lamp       | Make      |            | KOITO       |                                          |            |        |  |
|                         |                          | Wattage   |            | 24V – 10W   | 24V – 5W                                 | 24V – 10W* |        |  |
|                         | 25                       | Dome lamp |            | Make        |                                          |            | ICHIKO |  |
| Wattage                 |                          |           |            | 24V – 10W   |                                          |            |        |  |
| Glove compartment lamp  | Make                     |           | KOITO      |             | —                                        |            |        |  |
|                         | Wattage                  |           | 24V – 1.4W |             | 24V – 1.4W*                              |            |        |  |
| Engine compartment lamp | Make                     |           | —          |             |                                          |            |        |  |
|                         | Wattage                  |           | —          |             |                                          |            |        |  |
| 30                      | Luggage compartment lamp |           | Make       |             |                                          |            | —      |  |
|                         |                          |           | Wattage    |             |                                          |            | —      |  |
| Heater control lamp     | Make                     |           | ICHIKO     |             |                                          |            |        |  |
|                         | Wattage                  |           | 12V – 2W   |             |                                          |            |        |  |
| Rear fog lamp           | Make                     |           | KOITO      |             |                                          |            |        |  |
|                         | Wattage                  |           | 24V – 21W  |             |                                          |            |        |  |

\* ..... HJ60LG-MCZW

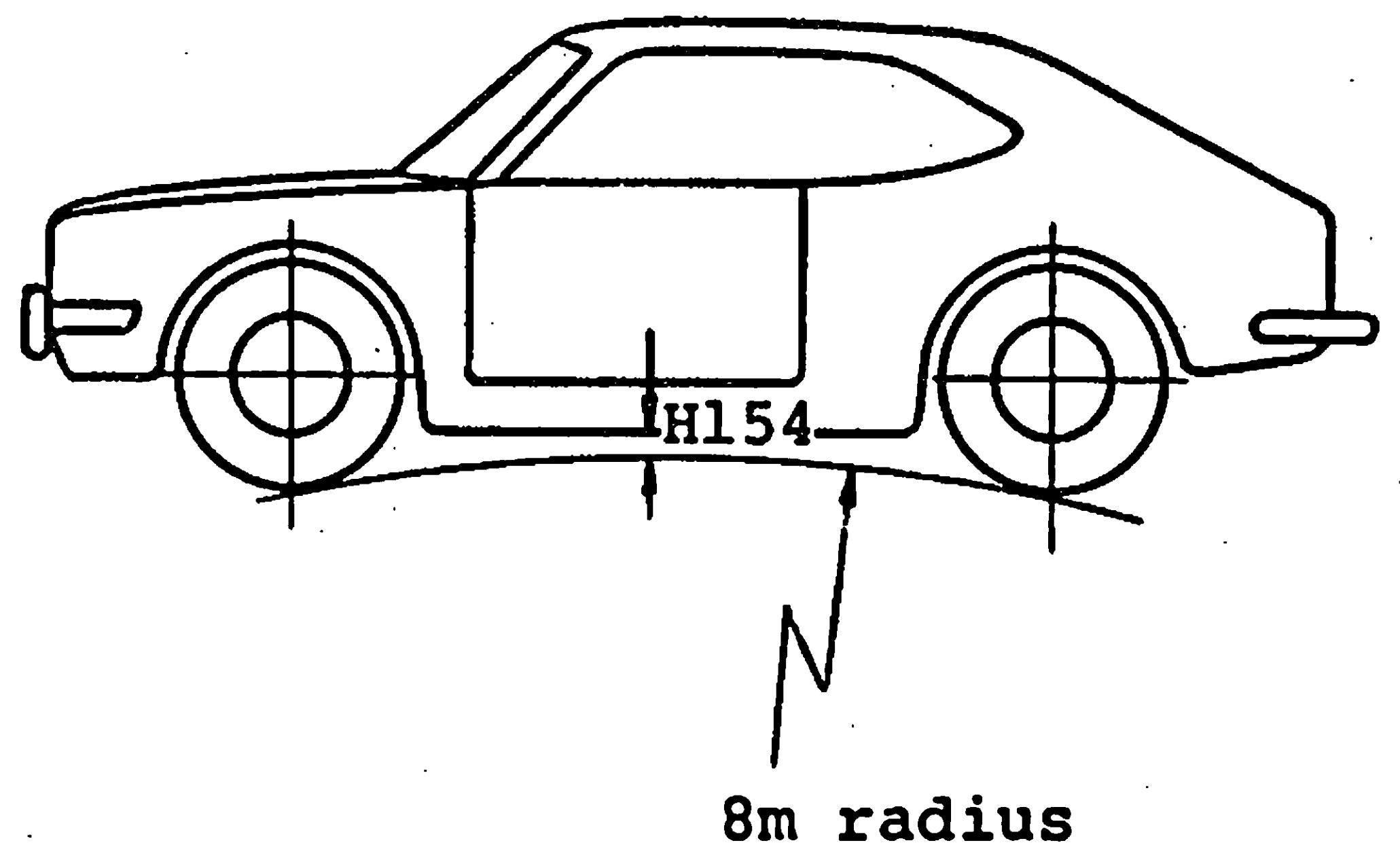


# TOYOTA

## TECHNICAL SPECIFICATIONS

### Exterior And Interior Dimensions – Definitions

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>L 103 OVERALL LENGTH. Include bumper guards if standard equipment.</p> <p>W 103 OVERALL WIDTH. Include bumpers, moldings, or sheet metal protrusions. Measured to outside of metal.</p> <p>H 101 OVERALL HEIGHT. Measured with the vehicle under curb weight.</p> <p>L 101 WHEELBASE</p> <p>W 101 TREAD-FRONT. Measured at centerline of tires, with nominal camber at ground.</p> <p>W 102 TREAD-REAR. Measured at centerline of tires at ground.</p> <p>L 99 ROOM LENGTH. The horizontal dimension measured from the top of the instrument safety pad to a vertical extension line from the top rear of rear seat back, on the car centerline.</p> <p>W 99 ROOM WIDTH. The maximum lateral dimension between the trimmed body surfaces.</p> <p>H 99 ROOM HEIGHT. The maximum vertical dimension, measured from the top of the floor covering to the headlining.</p> <p>L 98 DECK LENGTH-FOLDED REAR SEAT. The horizontal dimension measured from the top rear of folded rear seat to a vertical extension line from the normal inside limiting interference at the top of the tail gate, on the car centerline.</p> <p>L 97 DECK LENGTH-UNFOLDED REAR SEAT. The horizontal dimension measured from the top rear of rear seat back to a vertical extension line from the normal inside limiting interference at the top of the tailgate, on the car centerline.</p> <p>L 96 DECK LENGTH-TRUCK. The horizontal dimension between the front and rear panel of the deck.</p> <p>W 98 DECK WIDTH. The maximum lateral dimension of the deck length between the trimmed body surfaces.</p> <p>H 98 DECK HEIGHT-VAN AND STATION WAGON. The maximum vertical dimension, measured from the top of the floor covering to the headlining, on the car centerline.</p> <p>H 97 DECK HEIGHT-TRUCK. The vertical dimension, measured from the floor panel to the top of the side panel.</p> | <p>L 95 CAB REAR END TO REAR AXLE (TRUCK). Measured from centerline of rear wheel(s) to rear of the cab.</p> <p>L 94 CAB REAR END TO HIP POINT (TRUCK). Measured from "H" point to outer rear end of the cab.</p> <p>H 153 GROUND CLEARANCE is a minimum clearance. (under G.V.W)</p> <p>H 154 GROUND CLEARANCE ON CYLINDRICAL SURFACE.</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>L 104 OVERHANG-FRONT. Measured from centerline of front wheels to front of car, including bumper guards if standard equipment.</p> <p>L 105 OVERHANG REAR. Measured from centerline of rear wheels to rear of car, including bumper guards if standard equipment.</p> <p>H 106 ANGLE OF APPROACH. The angle between ground and a line tangent to the front tire static loaded radius arc and the first point of interference, (i.e., bumper, guard, gravel deflector, fender or other component, excluding license plate.)</p> <p>H 107 ANGLE OF DEPARTURE. The angle between ground and a line tangent to rear tire static loaded radius arc and the first point of interference, (i.e., bumper, guard, gravel deflector, tail pipe, fender or other component, excluding license plate.)</p> |
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# TOYOTA

## TECHNICAL SPECIFICATIONS

### Exterior And Interior Dimensions, Weight – Definitions

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#### V 1 LUGGAGE CAPACITY AND CARGO VOLUME

##### (1) European, General Countries Specification Models.

Measured by loading the five suitcases as many as possible. Several different combinations of suitcases are used to obtain the largest volume for the space available.

- ① 28 x 18 x 7½ (in.)    ② 25 x 18½ x 7
- ③ 21 x 16 x 6½        ④ 18 x 14½ x 6½
- ⑤ 16 x 11 x 5 – "Motor Suitcase Method"

#### WT 1 CURB WEIGHT

The weight of a motor vehicle with maximum capacity of engine fuel, oil, and coolant and also fitted with spare tire and tool set. The curb weight covers a range from the abovementioned weight without factory installed option to with all factory installed options.

#### WT 2 CHASSIS WEIGHT WITH CAB. weight of Cab and Chassis measured in the same manner as WT1.

#### WT 3 CHASSIS WEIGHT WITH WINDSHIELD. Curb weight of windshield and chassis measured in the same manner as WT1.

#### WT 4 UNLOADED VEHICLE WEIGHT – EUROPE ONLY

Curb weight plus 75 kg as a driver's weight.

#### WT 5 GROSS VEHICLE WEIGHT

##### 1. Australian Specification Model:

The sum of:

- a) The heaviest curb weight in its series
- b) Passenger weight  
150 lbs (68 kg) x seating capacity
- c) Personal luggage weight  
30 lbs (13.6 kg) x seating capacity
- d) Luggage weight

##### 2. European and General Area Specification Model:

The sum of:

- a) The heaviest curb weight in its series
- b) Passenger weight  
75 kg x seating capacity
- c) Personal luggage weight  
5 kg x seating capacity
- d) Luggage weight

#### CP 1 MAX. AXLE CAPACITY-FRONT AND REAR.

Maximum permissible axle capacity, including axle housing, springs, shackles, tires capacities.

#### CP 2 MAX. AXLE HOUSING CAPACITY-FRONT AND REAR.

Maximum permissible capacity of axle housing excluding springs, shackles and tires capacities.

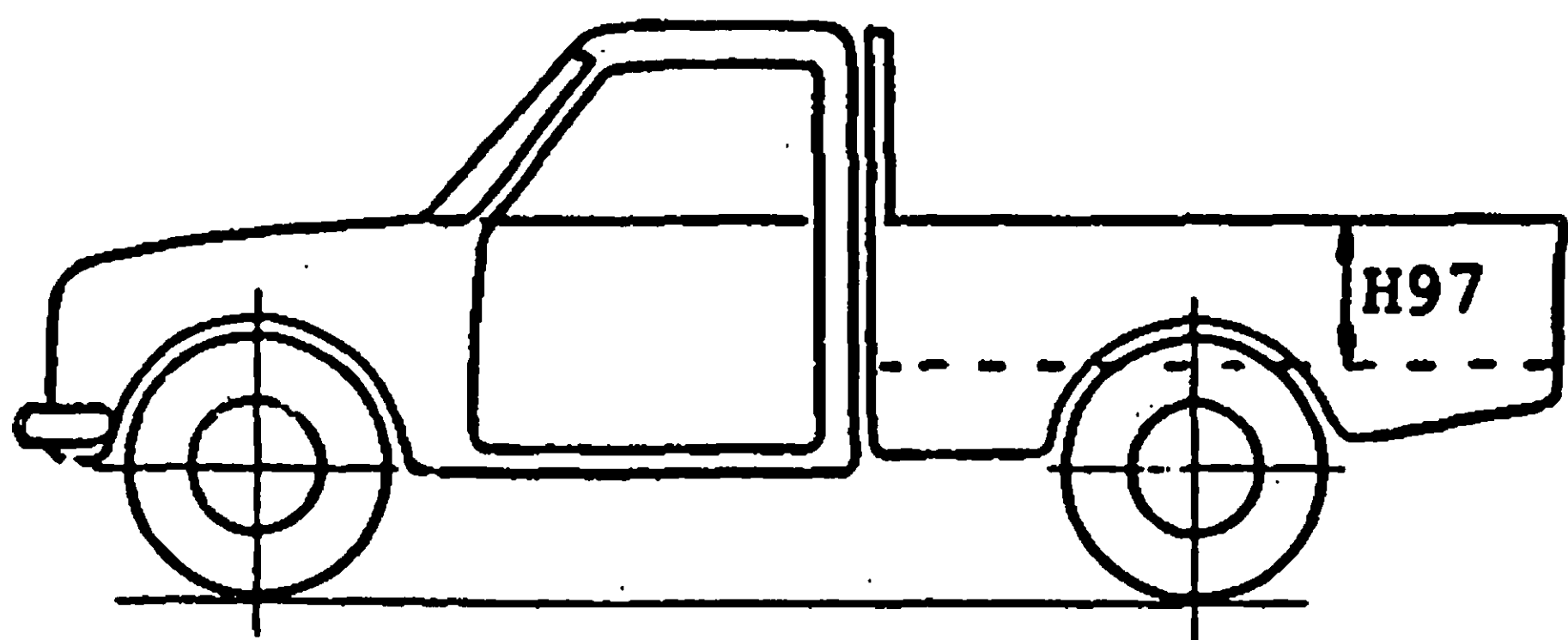
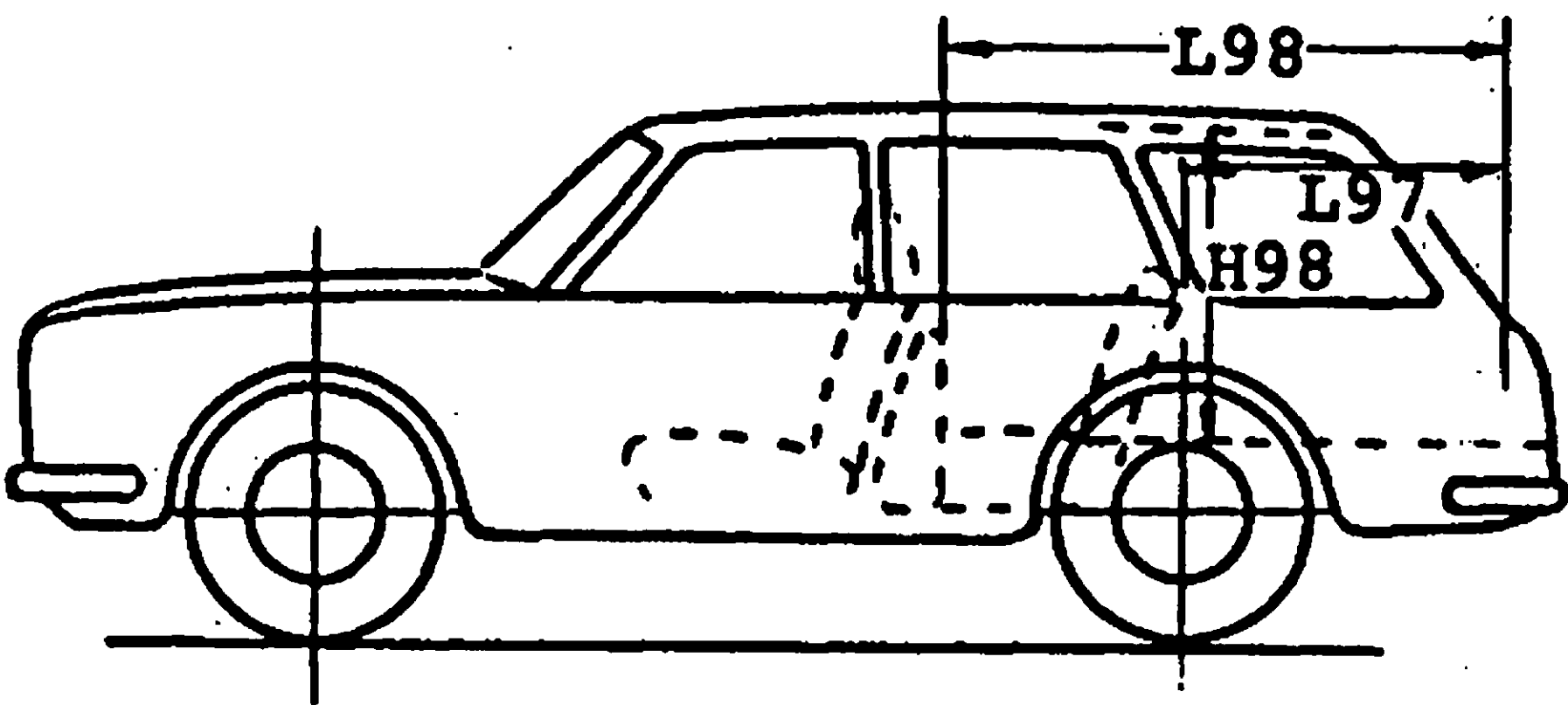
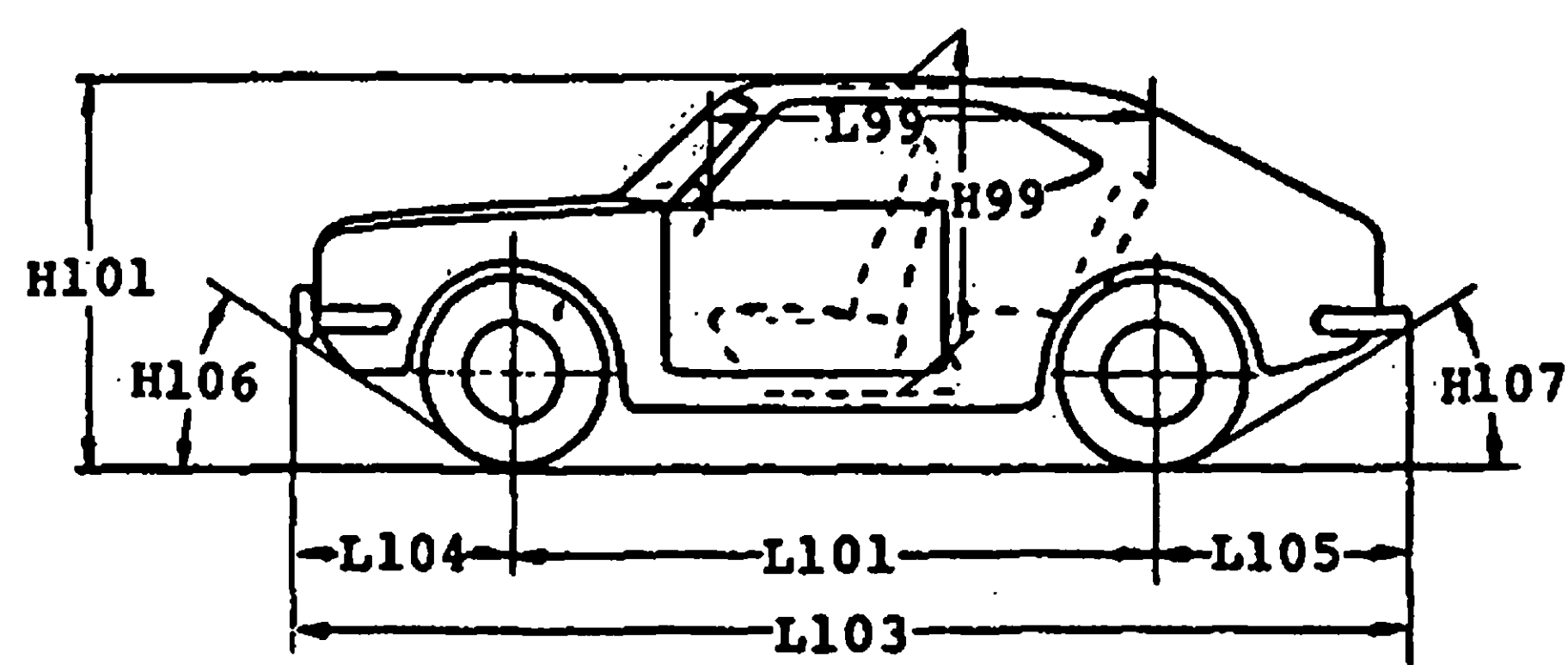


# TOYOTA

## TECHNICAL SPECIFICATIONS

### Exterior And Interior Dimensions – Definitions

#### Length and Height



#### Width

