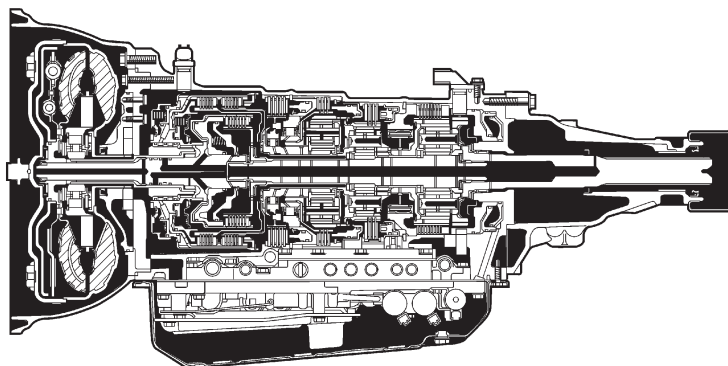


## A750E AND A750F AUTOMATIC TRANSMISSIONS

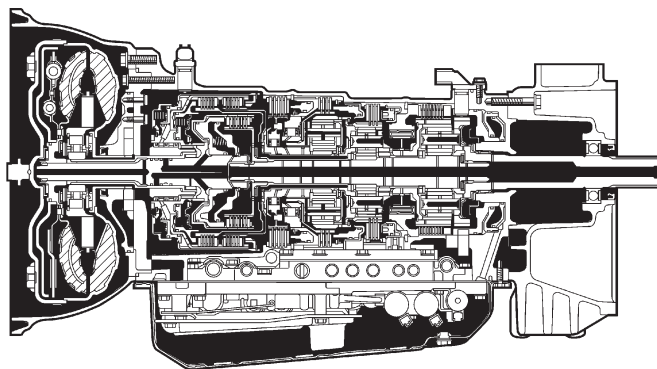
### ■ DESCRIPTION

- The new Hilux has adopted the A750E (for 2WD model) and A750F (for 4WD model) automatic transmissions on the 1GR-FE engine models. These automatic transmissions are 5-speed Super ECT (Electronic Controlled Transmission) to improve the vehicle's fuel economy and driving performance.
- The only difference between the A750E and A750F is in the extension housing and output shaft.
- A low-viscosity type transmission fluid (TOYOTA ATF WS) has been adopted.



A750E

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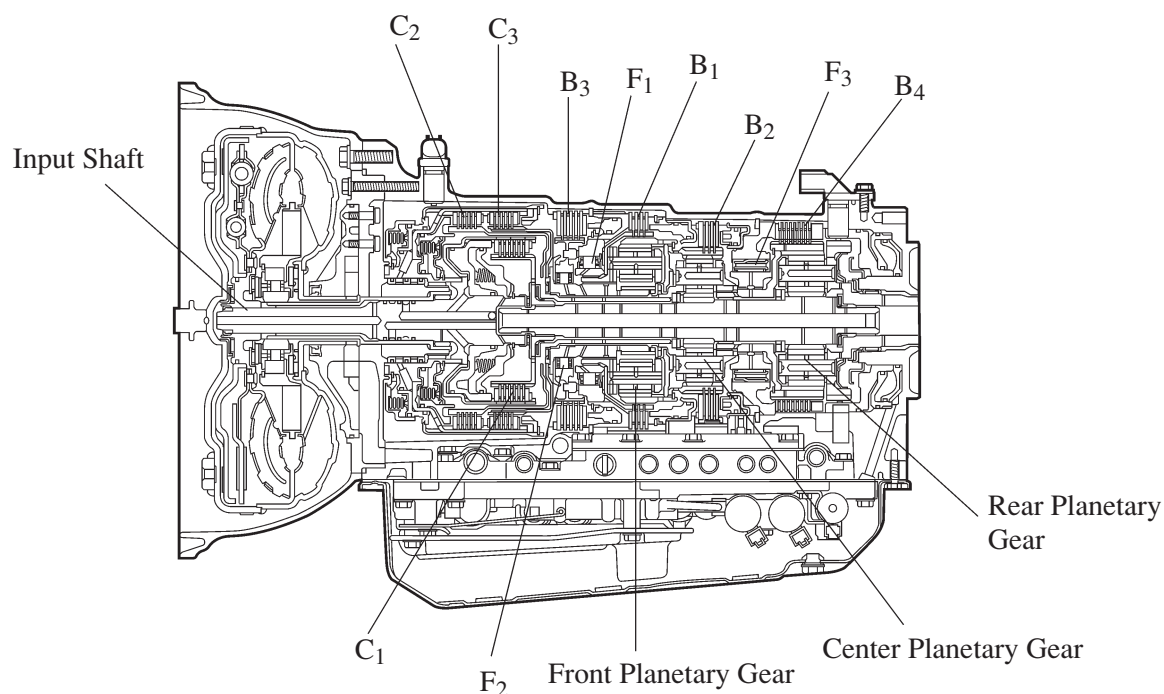
A750F

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### ► Specifications ◀

| Transmission Type   |                           | A750E (2WD)                    | A750F (4WD)  |
|---------------------|---------------------------|--------------------------------|--------------|
| Gear Ratio          | 1st                       | 3.520                          | ←            |
|                     | 2nd                       | 2.042                          | ←            |
|                     | 3rd                       | 1.400                          | ←            |
|                     | 4th                       | 1.000                          | ←            |
|                     | 5th                       | 0.716                          | ←            |
|                     | Reverse                   | 3.224                          | ←            |
| Fluid Capacity      | Liters (US qts, Imp. qts) | 10.9 (11.5, 9.6)               | ←            |
| Fluid Type          |                           | TOYOTA ATF WS<br>or Equivalent | ←            |
| Weight (Reference)* | kg (lb)                   | 85.5 (188.5)                   | 86.3 (190.3) |

\*: Weight shows the figure with the oil fully filled.



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► Specifications of the Clutch, Brake and Gear Train ◀

|                       |                      |                              |       |    |
|-----------------------|----------------------|------------------------------|-------|----|
| C <sub>1</sub>        | No. 1 Clutch         | The No. of Discs             | 6     |    |
| C <sub>2</sub>        | No. 2 Clutch         |                              | 5     |    |
| C <sub>3</sub>        | No. 3 Clutch         |                              | 5     |    |
| B <sub>1</sub>        | No. 1 Brake          |                              | 3     |    |
| B <sub>2</sub>        | No. 2 Brake          |                              | 3     |    |
| B <sub>3</sub>        | No. 3 Brake          |                              | 4     |    |
| B <sub>4</sub>        | No. 4 Brake          |                              | 8     |    |
| F <sub>1</sub>        | No. 1 One-Way Clutch | The No. of Sprags            | 18    |    |
| F <sub>2</sub>        | No. 2 One-Way Clutch |                              | 25    |    |
| F <sub>3</sub>        | No. 3 One-Way Clutch |                              | 26    |    |
| Front Planetary Gear  |                      | The No. of Sun Gear Teeth    |       | 40 |
|                       |                      | The No. of Pinion Gear Teeth | Inner | 22 |
|                       |                      |                              | Outer | 21 |
|                       |                      | The No. of Ring Gear Teeth   |       | 91 |
| Center Planetary Gear |                      | The No. of Sun Gear Teeth    |       | 31 |
|                       |                      | The No. of Pinion Gear Teeth |       | 23 |
|                       |                      | The No. of Ring Gear Teeth   |       | 77 |
| Rear Planetary Gear   |                      | The No. of Sun Gear Teeth    |       | 25 |
|                       |                      | The No. of Pinion Gear Teeth |       | 19 |
|                       |                      | The No. of Ring Gear Teeth   |       | 63 |