

## MULTIPLEX COMMUNICATION SYSTEM (J/B ECU) [RHD]

### SERVICE HINTS

#### FRONT CONTROLLER

- 3, 6, 9, 11, 15, 29-GROUND : Always approx. **12** volts
- 30-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
- 25-GROUND : Always continuity

#### D4 (C) DRIVER SIDE J/B ECU

- 6, 8-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
- (C) 5, 1-GROUND : Always continuity
- 2, 4, 7, (C) 1-GROUND : Always approx. **12** volts
- 9-GROUND : Approx. **12** volts with ignition SW at **ON** or **ACC** position

#### P4 (B) PASSENGER SIDE J/B ECU

- 9-GROUND : Approx. **12** volts with ignition SW at **ON** or **ACC** position
- 5, 7-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
- (B)1, 2-GROUND : Always continuity
- 10, 1-GROUND : Always approx. **12** volts

#### L13 (C) LUGGAGE ROOM J/B ECU

- 5, 6, 10, 11, 12, 13, 15, 16, 17-GROUND : Always approx. **12** volts
- 4-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
- (C) 5, 14-GROUND : Always continuity

**○ : PARTS LOCATION**

| Code | See Page    | Code | See Page    | Code | See Page    |
|------|-------------|------|-------------|------|-------------|
| A7   | 126 (RHD)   | F12  | 131 (RHD)   | L4   | 135 (RHD)   |
| A14  | A 130 (RHD) | F13  | 131 (RHD)   | L5   | 135 (RHD)   |
| A15  | B 130 (RHD) | F18  | 134 (RHD)   | L6   | 135 (RHD)   |
| A18  | 130 (RHD)   | F19  | 134 (RHD)   | L7   | 135 (RHD)   |
| A19  | 130 (RHD)   | F20  | 134 (RHD)   | L8   | 135 (RHD)   |
| A20  | 130 (RHD)   | G1   | 131 (RHD)   | L11  | A 135 (RHD) |
| A21  | 130 (RHD)   | G2   | 131 (RHD)   | L12  | B 135 (RHD) |
| A27  | 130 (RHD)   | G3   | 131 (RHD)   | L13  | C 135 (RHD) |
| A31  | 130 (RHD)   | H3   | 127 (RHD)   | M1   | 132 (RHD)   |
| A32  | 134 (RHD)   | H5   | 127 (RHD)   | N5   | 136 (RHD)   |
| A33  | 134 (RHD)   | H6   | 127 (RHD)   | O3   | A 132 (RHD) |
| A38  | 139 (RHD)   | H7   | 127 (RHD)   | O4   | B 132 (RHD) |
| B4   | 138 (RHD)   | H8   | 127 (RHD)   | O5   | 132 (RHD)   |
| B5   | 138 (RHD)   | H15  | 127 (RHD)   | O6   | 136 (RHD)   |
| B6   | 139 (RHD)   | H16  | 127 (RHD)   | P3   | A 132 (RHD) |
| B7   | 139 (RHD)   | H17  | A 131 (RHD) | P4   | B 132 (RHD) |
| C6   | 130 (RHD)   |      | B 131 (RHD) | P5   | C 132 (RHD) |
| C7   | 130 (RHD)   | H18  | 131 (RHD)   | P7   | 132 (RHD)   |
| C8   | 130 (RHD)   | H21  | 131 (RHD)   | R4   | 133 (RHD)   |
| C10  | 130 (RHD)   | H23  | 135 (RHD)   | R6   | 133 (RHD)   |
| C11  | 130 (RHD)   | I17  | 131 (RHD)   | R9   | 136 (RHD)   |
| C12  | 130 (RHD)   | I24  | 135 (RHD)   | R10  | 136 (RHD)   |
| C13  | 130 (RHD)   | I25  | 135 (RHD)   | R11  | 136 (RHD)   |
| C14  | 130 (RHD)   | J7   | 128 (RHD)   | R12  | 136 (RHD)   |
| C15  | 130 (RHD)   | J8   | 128 (RHD)   | R13  | 136 (RHD)   |
| C17  | 134 (RHD)   | J11  | A 131 (RHD) | R21  | 136 (RHD)   |
| D2   | A 131 (RHD) | J12  | B 131 (RHD) | R22  | 136 (RHD)   |
| D3   | B 131 (RHD) | J13  | A 131 (RHD) | R23  | 136 (RHD)   |
| D4   | C 131 (RHD) | J14  | B 131 (RHD) | R29  | 139 (RHD)   |
| D5   | D 131 (RHD) | J15  | A 131 (RHD) | S8   | 133 (RHD)   |
| D19  | 134 (RHD)   | J16  | B 131 (RHD) | S12  | B 133 (RHD) |
| D26  | 134 (RHD)   | J17  | A 131 (RHD) | S13  | C 133 (RHD) |
| E3   | 126 (RHD)   | J18  | B 131 (RHD) | S19  | 133 (RHD)   |
| E8   | 126 (RHD)   | J23  | 135 (RHD)   | S20  | 133 (RHD)   |
| E11  | 131 (RHD)   | J24  | 135 (RHD)   | S21  | 133 (RHD)   |
| F1   | 127 (RHD)   | J25  | A 135 (RHD) | S25  | 137 (RHD)   |
| F2   | 127 (RHD)   | J26  | B 135 (RHD) | S26  | 137 (RHD)   |
| F3   | 127 (RHD)   | J27  | 135 (RHD)   | T7   | 133 (RHD)   |
| F4   | 127 (RHD)   | J28  | A 135 (RHD) | T8   | 133 (RHD)   |
| F6   | 127 (RHD)   | J29  | B 135 (RHD) | V1   | 129 (RHD)   |
| F7   | 127 (RHD)   | J30  | 135 (RHD)   | V8   | 137 (RHD)   |
| F8   | 127 (RHD)   | L1   | 132 (RHD)   | V9   | 137 (RHD)   |
| F9   | 127 (RHD)   | L2   | 135 (RHD)   | W1   | 129 (RHD)   |
| F10  | 127 (RHD)   | L3   | 135 (RHD)   | W2   | 129 (RHD)   |

**○ : RELAY BLOCKS**

| Code | See Page | Relay Blocks (Relay Block Location)            |
|------|----------|--|
| 1    | 81       | Engine Room No.1 R/B (Engine Compartment Left) |
| 2    | 82       | Engine Room No.2 R/B (Engine Compartment Left) |
| 4    | 85 (RHD) | Fusible Link Block (Engine Compartment Left)   |

# MULTIPLEX COMMUNICATION SYSTEM (J/B ECU) [RHD]

## : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

| Code | See Page  | Junction Block and Wire Harness (Connector Location)                     |
|------|-----------|--|
| 1A   | 81        | Engine Room Main Wire and Engine Room No.1 J/B (Engine Compartment Left) |
| 4A   | 85 (RHD)  | Engine Room Main Wire and Fusible Link Block (Engine Compartment Left)   |
| 4B   |           |  |
| DC   | 99 (RHD)  | Engine Room Main Wire and Driver Side J/B (Right Kick Panel)             |
| DD   |           |  |
| DE   | 100 (RHD) | Instrument Panel Wire and Driver Side J/B (Right Kick Panel)             |
| DF   |           |  |
| DG   |           |  |
| DH   |           |  |
| DI   | 101 (RHD) | Floor Wire and Driver Side J/B (Right Kick Panel)                        |
| LA   | 110       | Floor No.2 Wire and Luggage Room J/B (Luggage Room Left)                 |
| LB   |           |  |
| LC   |           |  |
| LE   |           |  |
| LF   |           |  |
| LI   | 110       | Luggage Room Wire and Luggage Room J/B (Luggage Room Left)               |
| LJ   |           |  |
| LL   | 110       | Floor No.2 Wire and Luggage Room J/B (Luggage Room Left)                 |
| PC   | 106 (RHD) | Engine Room Main Wire and Passenger Side J/B (Left Kick Panel)           |
| PD   |           |  |
| PE   | 105 (RHD) | Instrument Panel Wire and Passenger Side J/B (Left Kick Panel)           |
| PF   |           |  |
| PG   |           |  |
| PH   |           |  |
| PI   | 107 (RHD) | Floor No.2 Wire and Passenger Side J/B (Left Kick Panel)                 |
| PJ   |           |  |

## : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

| Code | See Page  | Joining Wire Harness and Wire Harness (Connector Location)                 |
|------|-----------|--|
| IB1  | 154 (RHD) | Instrument Panel Wire and Roof Wire (Cowl Side Panel LH)                   |
| IC3  | 154 (RHD) | Instrument Panel Wire and Engine Room Main Wire (Cowl Side Panel LH)       |
| IC4  |           |  |
| ID1  | 154 (RHD) | Instrument Panel Wire and Floor No.2 Wire (Cowl Side Panel LH)             |
| ID3  |           |  |
| IE2  | 156 (RHD) | Engine Room Main Wire and Floor No.2 Wire (Left Kick Panel)                |
| IF2  | 156 (RHD) | Instrument Panel Wire and Floor Wire (Left Side of Shift Lever)            |
| IG2  | 156 (RHD) | Instrument Panel Wire and Floor Wire (Cowl Side Panel RH)                  |
| II1  | 156 (RHD) | Front Door RH Wire and Floor Wire (Right Kick Panel)                       |
| BA2  | 158 (RHD) | Rear Door No.2 Wire and Floor No.2 Wire (Left Center Pillar)               |
| BB2  | 158 (RHD) | Rear Door No.1 Wire and Floor Wire (Right Center Pillar)                   |
| BE1  | 158 (RHD) | Floor No.2 Wire and Floor Wire (Lower Back Panel RH)                       |
| BE2  |           |  |
| BG1  | 160 (RHD) | Floor Wire and Front Seat RH Wire (Under the Driver's Seat)                |
| BH1  | 162 (RHD) | Rear Seat LH Wire and Floor No.2 Wire (Under the Rear Passenger's LH Seat) |
| BI1  | 162 (RHD) | Rear Seat RH Wire and Floor Wire (Under the Rear Passenger's RH Seat)      |

**: GROUND POINTS**

| Code     | See Page  | Ground Points Location         |
|----------|-----------|--------------------------------|
| EA       | 152 (RHD) | Radiator Side Support RH       |
| EC       | 152 (RHD) | Radiator Side Support LH       |
| ED       | 152 (RHD) | Under the Fusible Link Block   |
| IG       | 154 (RHD) | Cowl Side Panel LH             |
| IH<br>II | 154 (RHD) | Left Side of Shift Lever       |
| IK       | 154 (RHD) | Right Side of Instrument Panel |
| BM       | 158 (RHD) | Quarter Panel LH               |
| BN       | 158 (RHD) | Rear Floor Partition Panel RH  |
| BO       | 158 (RHD) | Quarter Panel RH               |
| BP       | 162 (RHD) | Rear Passenger LH Seat Back    |
| BQ       | 162 (RHD) | Rear Passenger RH Seat Back    |

**: SPLICE POINTS**

| Code | See Page  | Wire Harness with Splice Points | Code | See Page  | Wire Harness with Splice Points |
|------|-----------|---------------------------------|------|-----------|---------------------------------|
| E4   | 152 (RHD) | Engine Room Main Wire           | B2   | 158 (RHD) | Roof Wire                       |
| E6   |           |                                 | B8   | 160 (RHD) | Front Seat RH Wire              |
| I2   | 156 (RHD) | Instrument Panel Wire           | B10  | 162 (RHD) | Rear Seat LH Wire               |
| I3   |           |                                 | B12  | 162 (RHD) | Rear Seat RH Wire               |
| B1   | 158 (RHD) | Roof Wire                       | B13  |           |                                 |