

POWER SEAT (DRIVER'S SEAT) [RHD]

SYSTEM OUTLINE

1. MANUAL OPERATION

* SLIDE, RECLINING, FRONT VERTICAL, LIFTER, CUSHION, HEAD REST CONTROL

The power seat control SW operation controls the driver seat ECU to operate each power seat motor. This enables the driver to adjust the seat back-and-forth sliding position, the reclining position of the seatback, the height of the front edge of the seat cushion, the height of the seat cushion and seatback, the depth of the seat cushion and the upright position of the headrest at his or her will.

* LUMBAR SUPPORT CONTROL

Operating the lumbar support control SW put each of the power seat motor (Driver's seat lumbar support upper side control, lower side control) in operation and 2 torsion bars (Upper and lower) individually move continuously. This enables the driver to adjust the seatback touch at his or her will.

2. INTERLOCKING HEADREST SYSTEM

The seat back-and-forth sliding position from the power seat position sensor (Driver seat slide control) and the upright position of the headrest from the power seat motor and sensor (Driver's seat headrest control) are sent as signals to the driver seat ECU. By these signals the driver seat ECU detects the position of them. When the driver's seat is slid forward, the driver seat ECU puts the power seat motor (Driver's seat head rest control) in operation to move the headrest to the appropriate position suitable for the changed seat position. Although the headrest position can be adjusted at will and cleared, the driver seat ECU detects that the driver is different when the sliding position is moved for more than 15mm. As a result of that, the headrest will be moved into the position which suitable for the changed seat position.

3. DRIVING POSITION MEMORY FUNCTION

Each position sensor in the seat detects the number of rotations of the relevant motor (Seat movement amount) and inputs it to the ECU. This makes it possible to store and recall the seat position by operating the position memory SW. The driving seat position is stored and recalled through communication control of the J/B ECU and door ECU etc.

SERVICE HINTS

D27 (A), D28 (B) DRIVER SEAT ECU

(A) 7, (B) 16-GROUND : Always approx. 12 volts

(A) 1, (B) 8-GROUND : Always continuity

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
C20	138 (RHD)	P22	138 (RHD)	P40	138 (RHD)
D24	A 134 (RHD)	P23	138 (RHD)	P41	138 (RHD)
D25	B 134 (RHD)	P27	138 (RHD)	P42	138 (RHD)
D26	134 (RHD)	P28	138 (RHD)	P43	138 (RHD)
D27	A 138 (RHD)	P29	138 (RHD)	P44	138 (RHD)
D28	B 138 (RHD)	P30	138 (RHD)	P45	138 (RHD)
G1	131 (RHD)	P31	138 (RHD)	S17	133 (RHD)
J11	131 (RHD)	P32	138 (RHD)	T5	133 (RHD)
J27	135 (RHD)	P33	138 (RHD)	T9	133 (RHD)

○ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
DE	100 (RHD)	Instrument Panel Wire and Driver Side J/B (Right Kick Panel)
DI	101 (RHD)	Floor Wire and Driver Side J/B (Right Kick Panel)
DJ		
PE	105 (RHD)	Instrument Panel Wire and Passenger Side J/B (Left Kick Panel)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
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)
BG1	160 (RHD)	Floor Wire and Front Seat RH Wire (Under the Driver's Seat)



: GROUND POINTS

Code	See Page	Ground Points Location
IR	154 (RHD)	Under the Driver's Seat
BN	158 (RHD)	Rear Floor Partition Panel RH



: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
B8	160 (RHD)	Front Seat RH Wire	B9	160 (RHD)	Front Seat RH Wire