

MULTIPLEX COMMUNICATION SYSTEM (J/B ECU) [LHD]

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

- 3, 1-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
- (C) 1, 6-GROUND : Always continuity
- 2, 7, 9, (C) 5-GROUND : Always approx. **12** volts
- 4-GROUND : Approx. **12** volts with ignition SW at **ON** or **ACC** position

P4 (B) PASSENGER SIDE J/B ECU

- 4-GROUND : Approx. **12** volts with ignition SW at **ON** or **ACC** position
- 2, 10-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
- (B) 11, 7-GROUND : Always continuity
- 5, 6-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	112 (LHD)	F12	117 (LHD)	L4	121 (LHD)
A14	A 116 (LHD)	F13	117 (LHD)	L5	121 (LHD)
A15	B 116 (LHD)	F18	120 (LHD)	L6	121 (LHD)
A18	116 (LHD)	F19	120 (LHD)	L7	121 (LHD)
A19	116 (LHD)	F20	120 (LHD)	L8	121 (LHD)
A20	116 (LHD)	G1	117 (LHD)	L11	A 121 (LHD)
A21	116 (LHD)	G2	117 (LHD)	L12	B 121 (LHD)
A27	116 (LHD)	G3	117 (LHD)	L13	C 121 (LHD)
A31	116 (LHD)	H3	113 (LHD)	M1	118 (LHD)
A32	120 (LHD)	H5	113 (LHD)	N5	122 (LHD)
A33	120 (LHD)	H6	113 (LHD)	O3	A 118 (LHD)
A38	125 (LHD)	H7	113 (LHD)	O4	B 118 (LHD)
B4	124 (LHD)	H8	113 (LHD)	O5	118 (LHD)
B5	124 (LHD)	H13	113 (LHD)	O6	122 (LHD)
B6	125 (LHD)	H15	113 (LHD)	P3	A 118 (LHD)
B7	125 (LHD)	H16	113 (LHD)	P4	B 118 (LHD)
C6	116 (LHD)	H17	A 117 (LHD)	P5	C 118 (LHD)
C7	116 (LHD)		B 117 (LHD)	P7	118 (LHD)
C8	116 (LHD)	H21	117 (LHD)	R4	119 (LHD)
C10	116 (LHD)	H23	121 (LHD)	R6	119 (LHD)
C11	116 (LHD)	I17	117 (LHD)	R9	122 (LHD)
C12	116 (LHD)	I24	121 (LHD)	R10	122 (LHD)
C13	116 (LHD)	I25	121 (LHD)	R11	122 (LHD)
C14	116 (LHD)	J7	114 (LHD)	R12	122 (LHD)
C15	116 (LHD)	J11	A 117 (LHD)	R13	122 (LHD)
C17	120 (LHD)	J12	B 117 (LHD)	R21	122 (LHD)
D2	A 117 (LHD)	J13	A 117 (LHD)	R22	122 (LHD)
D3	B 117 (LHD)	J14	B 117 (LHD)	R23	122 (LHD)
D4	C 117 (LHD)	J15	A 117 (LHD)	R29	125 (LHD)
D5	D 117 (LHD)	J16	B 117 (LHD)	S8	119 (LHD)
D19	120 (LHD)	J17	A 117 (LHD)	S12	B 119 (LHD)
D26	120 (LHD)	J18	B 117 (LHD)	S13	C 119 (LHD)
E3	112 (LHD)	J22	121 (LHD)	S19	119 (LHD)
E8	112 (LHD)	J23	121 (LHD)	S20	119 (LHD)
E11	117 (LHD)	J24	121 (LHD)	S21	119 (LHD)
F1	113 (LHD)	J25	A 121 (LHD)	S24	123 (LHD)
F2	113 (LHD)	J26	B 121 (LHD)	S27	123 (LHD)
F3	113 (LHD)	J27	121 (LHD)	T7	119 (LHD)
F4	113 (LHD)	J28	A 121 (LHD)	T8	119 (LHD)
F6	113 (LHD)	J29	B 121 (LHD)	V1	115 (LHD)
F7	113 (LHD)	J30	121 (LHD)	V8	123 (LHD)
F8	113 (LHD)	L1	118 (LHD)	V9	123 (LHD)
F9	113 (LHD)	L2	121 (LHD)	W1	115 (LHD)
F10	113 (LHD)	L3	121 (LHD)	W2	115 (LHD)

○ : 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	84 (LHD)	Fusible Link Block (Engine Compartment Right)

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: 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	84 (LHD)	Engine Room Main Wire and Fusible Link Block (Engine Compartment Right)
4B		
DC	88 (LHD)	Engine Room Main Wire and Driver Side J/B (Left Kick Panel)
DD		
DE	87 (LHD)	Instrument Panel Wire and Driver Side J/B (Left Kick Panel)
DF		
DG		
DH		
DI	89 (LHD)	Floor No.2 Wire and Driver Side J/B (Left 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	93 (LHD)	Engine Room Main Wire and Passenger Side J/B (Right Kick Panel)
PD		
PE		
PF		
PG	94 (LHD)	Instrument Panel Wire and Passenger Side J/B (Right Kick Panel)
PH		
PI		
PJ	95 (LHD)	Floor Wire and Passenger Side J/B (Right Kick Panel)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	142 (LHD)	Front Door LH Wire and Floor No.2 Wire (Left Kick Panel)
IB4	142 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Cowl Side Panel LH)
IC1	142 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Cowl Side Panel LH)
IC2		
IC3		
IE1	142 (LHD)	Engine Room Main Wire and Floor No.2 Wire (Left Kick Panel)
IF1	144 (LHD)	Instrument Panel Wire and Floor Wire (Right Side of Shift Lever)
IG2	144 (LHD)	Instrument Panel Wire and Floor Wire (Cowl Side Panel RH)
IH2	144 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Cowl Side Panel RH)
II1	144 (LHD)	Instrument Panel Wire and Roof Wire (Cowl Side Panel RH)
BA2	146 (LHD)	Rear Door No.2 Wire and Floor No.2 Wire (Left Center Pillar)
BB2	146 (LHD)	Rear Door No.1 Wire and Floor Wire (Right Center Pillar)
BC1	146 (LHD)	Floor No.2 Wire and Floor Wire (Rear Floor Partition Panel LH)
BE1	146 (LHD)	Floor No.2 Wire and Floor Wire (Lower Back Panel RH)
BE2		
BF1	148 (LHD)	Floor No.2 Wire and Front Seat LH Wire (Under the Driver's Seat)
BH1	150 (LHD)	Rear Seat LH Wire and Floor No.2 Wire (Under the Rear Passenger's LH Seat)
BI1	150 (LHD)	Rear Seat RH Wire and Floor Wire (Under the Rear Passenger's RH Seat)

**: GROUND POINTS**

Code	See Page	Ground Points Location
EA	140 (LHD)	Radiator Side Support RH
EC	140 (LHD)	Radiator Side Support LH
ED	140 (LHD)	Cowl Top Side LH
IG	142 (LHD)	Left Side of Instrument Panel
IH II	142 (LHD)	Right Side of Shift Lever
IK	142 (LHD)	Cowl Side Panel RH
BL	146 (LHD)	Rear Floor Partition Panel LH
BM	146 (LHD)	Quarter Panel LH
BN	146 (LHD)	Rear Floor Partition Panel RH
BO	146 (LHD)	Quarter Panel RH
BQ	150 (LHD)	Rear Passenger RH Seat Back

**: SPLICE POINTS**

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E4	140 (LHD)	Engine Room Main Wire	B1	146 (LHD)	Roof Wire
E6			B2		
I5	144 (LHD)	Instrument Panel Wire	B10	150 (LHD)	Rear Seat RH Wire
I6			B11		