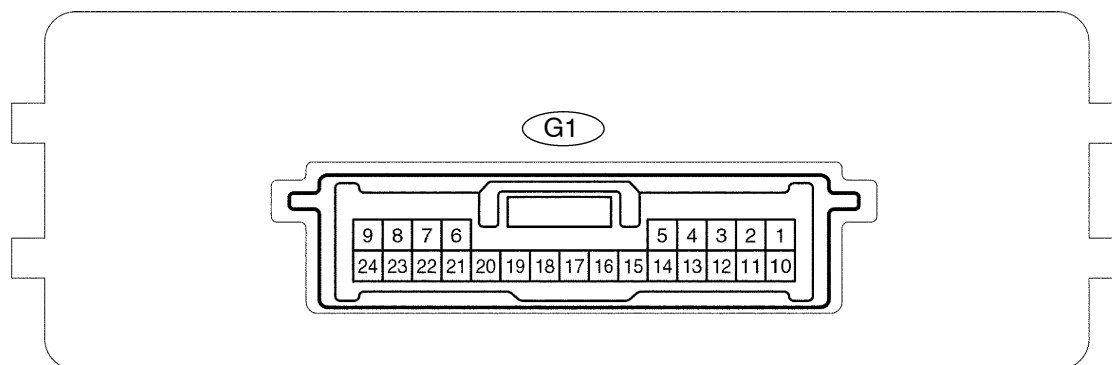


TERMINALS OF ECU

1. CHECK GATEWAY ECU



P

B78945

- (a) Disconnect the G1 ECU connector.
- (b) Measure the voltage and resistance of each terminal of the wire harness side connector.

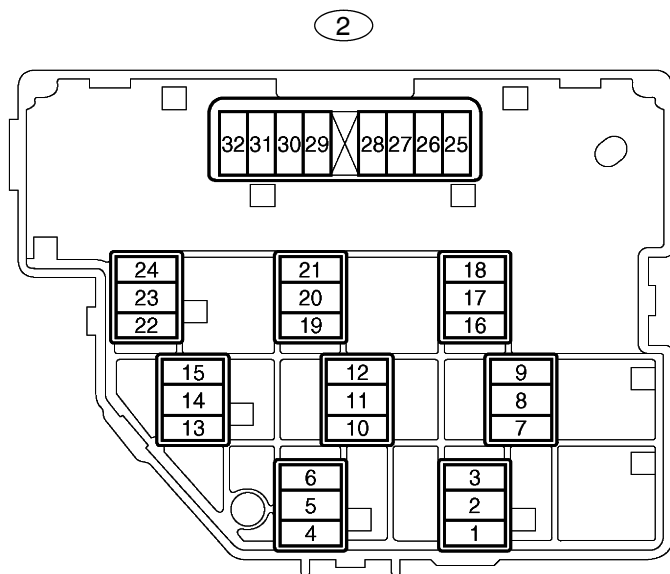
Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
BATT (G1-10) – GND (G1-24)	L-Y – W-B	+B (BATT) Power supply	Constant	10 to 14 V
IG (G1-1) – Body ground	R-L – Body ground	Ignition power supply	Ignition switch ON	10 to 14 V
ACC (G1-2) – Body ground	GR – Body ground	ACC power supply	Ignition switch ACC	10 to 14 V
SIL (G1-7) – Body ground	W-G – Body ground	Bus "+" line	During transmission	Pulse generation
MPI1 (G1-4) – Body ground	GR-B – Body ground	MPX line	Constant	10 kΩ or higher
MPI2 (G1-13) – Body ground	GR-B – Body ground	MPX line	Constant	10 kΩ or higher
MPL1 (G1-5) – Body ground	V-G – Body ground	MPX line	Constant	10 kΩ or higher
MPL2 (G1-14) – Body ground	V-G – Body ground	MPX line	Constant	10 kΩ or higher
MPD1 (G1-3) – Body ground	P-L – Body ground	MPX line	Constant	10 kΩ or higher
MPD2 (G1-12) – Body ground	P-L – Body ground	MPX line	Constant	10 kΩ or higher
GTX+ (G1-3) – Body ground	B – Body ground	AVC-LAN line	Constant	10 kΩ or higher
GTX- (G1-21) – Body ground	W – Body ground	AVC-LAN line	Constant	10 kΩ or higher
GND (G1-24) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω
CG (G1-9) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

2. CHECK ENGINE ROOM NO. 2 RELAY BLOCK

Connector Front View:



N

E70403

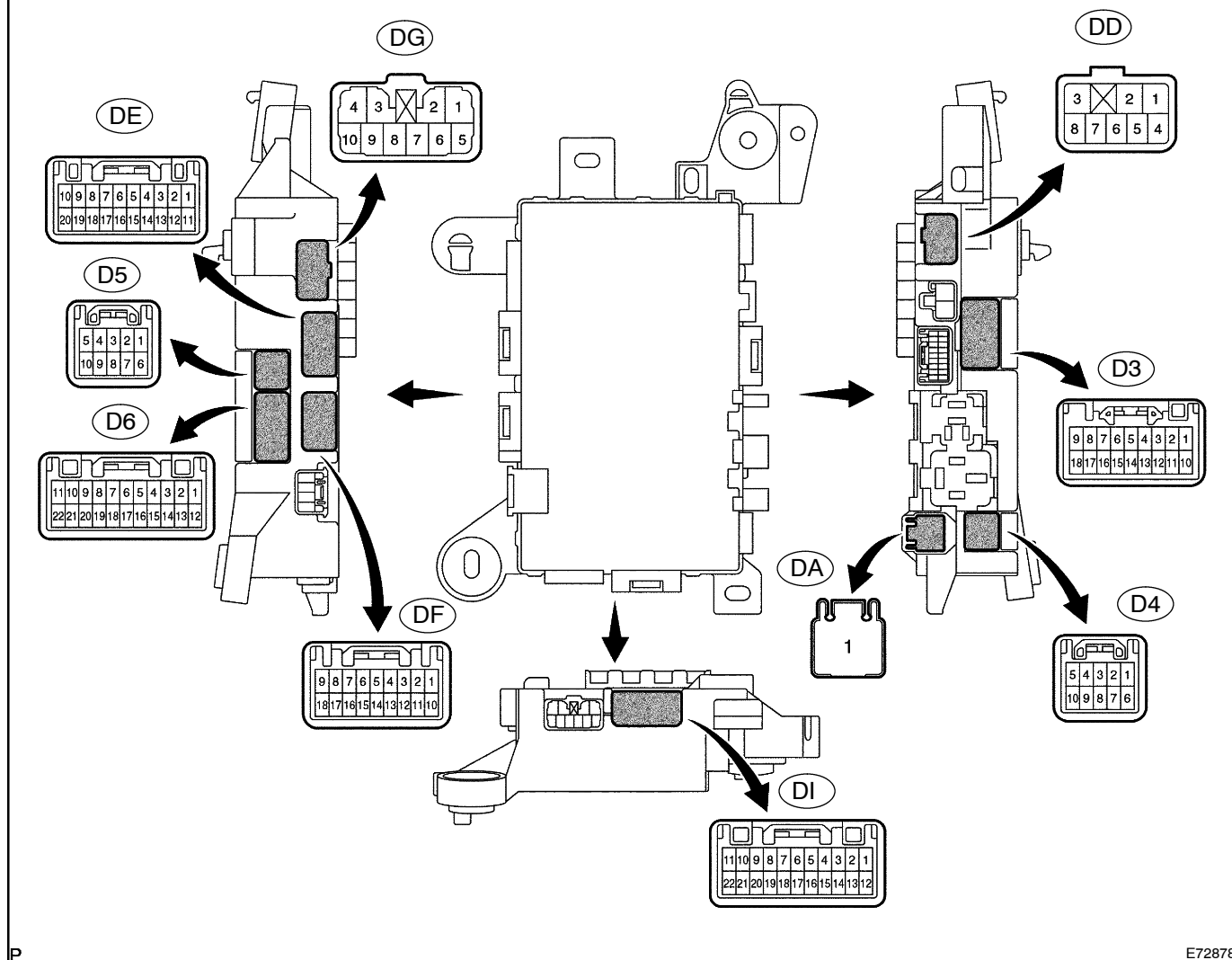
Standard:

Symbols (Terminals No.)	Wiring Color	Terminal Description	Condition	Specified Condition
FMB3 (2-29) - E (2-25)	R-B - W-B	+B (FMB3) Power supply	Constant	10 to 14 V
MPX1 (2-32) - E (2-25)	V-G - W-B	MPX line	Constant	10 kΩ or higher
MPX2 (2-31) - E (2-25)	V-G - W-B	MPX line	Constant	10 kΩ or higher
E (2-25) - Body ground	W-B - Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

3. CHECK DRIVER SIDE J/B ECU

Connector Front View:



- Disconnect the DA and DG J/B connectors.
- Disconnect the D3 and D5 ECU connectors.
- Measure the resistance and voltage of each terminal of the wire harness side connectors.

Standard:

Symbols (Terminals No.)	Wiring Color	Terminal Description	Condition	Specified Condition
MPX-IG (DI-2)*1 – GND (DG-8)*1 MPX-IG (DI-10)*2 – GND (DG-7)*2	L – W-B	IG (MPX-IG) Power supply	IG ON	10 to 14 V
MPX-B (D5-5)*1 – GND (DG-8)*1 MPX-B (D5-1)*2 – GND (DG-7)*2	R-B – W-B	+B (MPX-B) Power supply	Constant	10 to 14 V
MPX1 (D2-15)*1 – GND (DG-8)*1 MPX1 (D2-13)*2 – GND (DG-7)*2	V-G – W-B	MPX line	Constant	10 kΩ or higher
MPX2 (D4-7) – GND (DG-8)*1 MPX2 (D4-7) – GND (DG-7)*2	V-G – W-B	MPX line	Constant	10 kΩ or higher

MPX3 (D4-6) - GND (DG-8)*1 MPX3 (D4-6) - GND (DG-7)*2	R-L*1 - W-B V-G*2 - W-B	MPX line	Constant	10 kΩ or higher
GND (DG-8)*1 - Body ground GND (DG-7)*2 - Body ground	W-B - Body ground	Ground	Constant	Below 1 Ω
GND2 (D4-1)*1 - GND (DG-8)*1 GND2 (D4-5)*2 - GND (DG-7)*2	W-B - W-B	Ground	Constant	Below 1 Ω

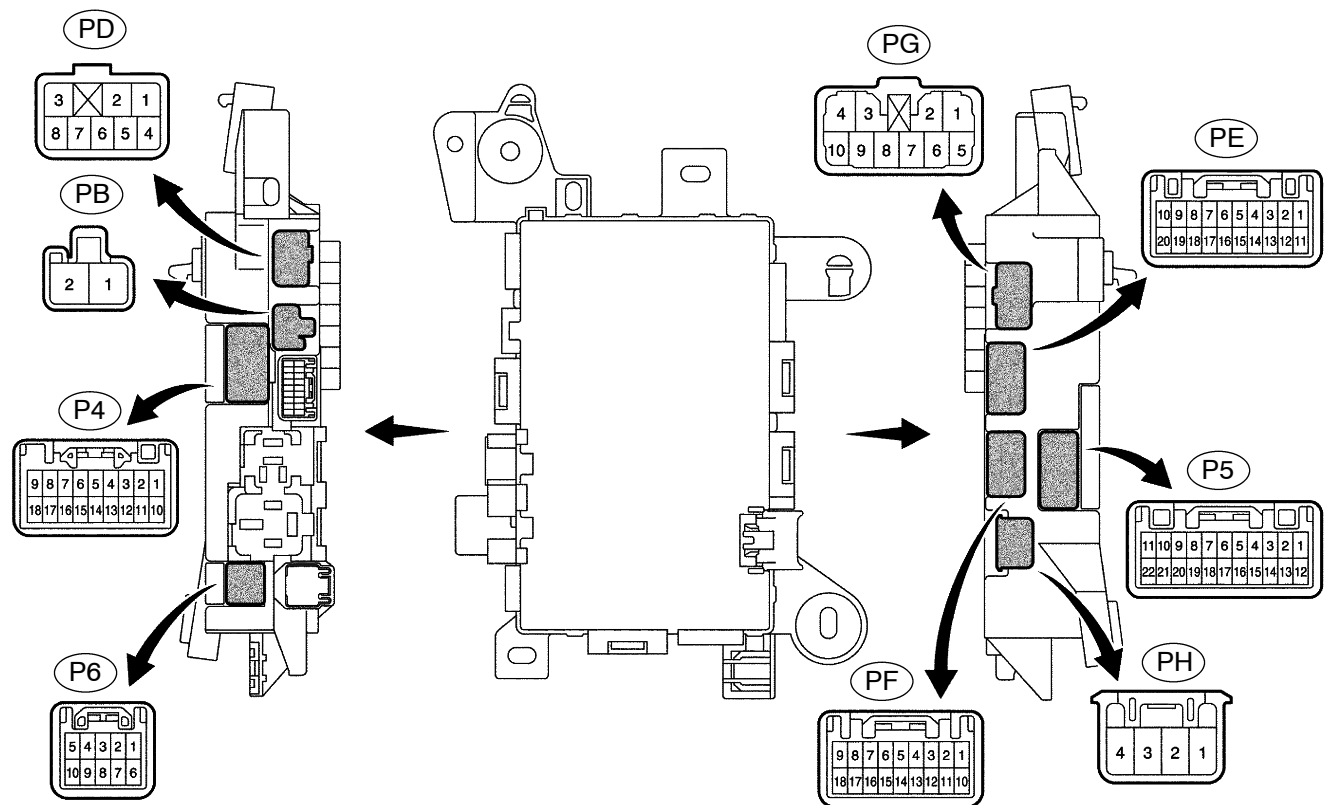
If the result is not as specified, there may be a malfunction on the wire harness side.

*1: LHD

*2: RHD

4. CHECK PASSENGER SIDE J/B ECU

Connector Front View:



P

E72879

- Disconnect the PE, PG and PH connectors.
- Disconnect the P3 and P4 ECU connectors.
- Measure the resistance and voltage of each terminal of the wire harness side connectors.

Standard:

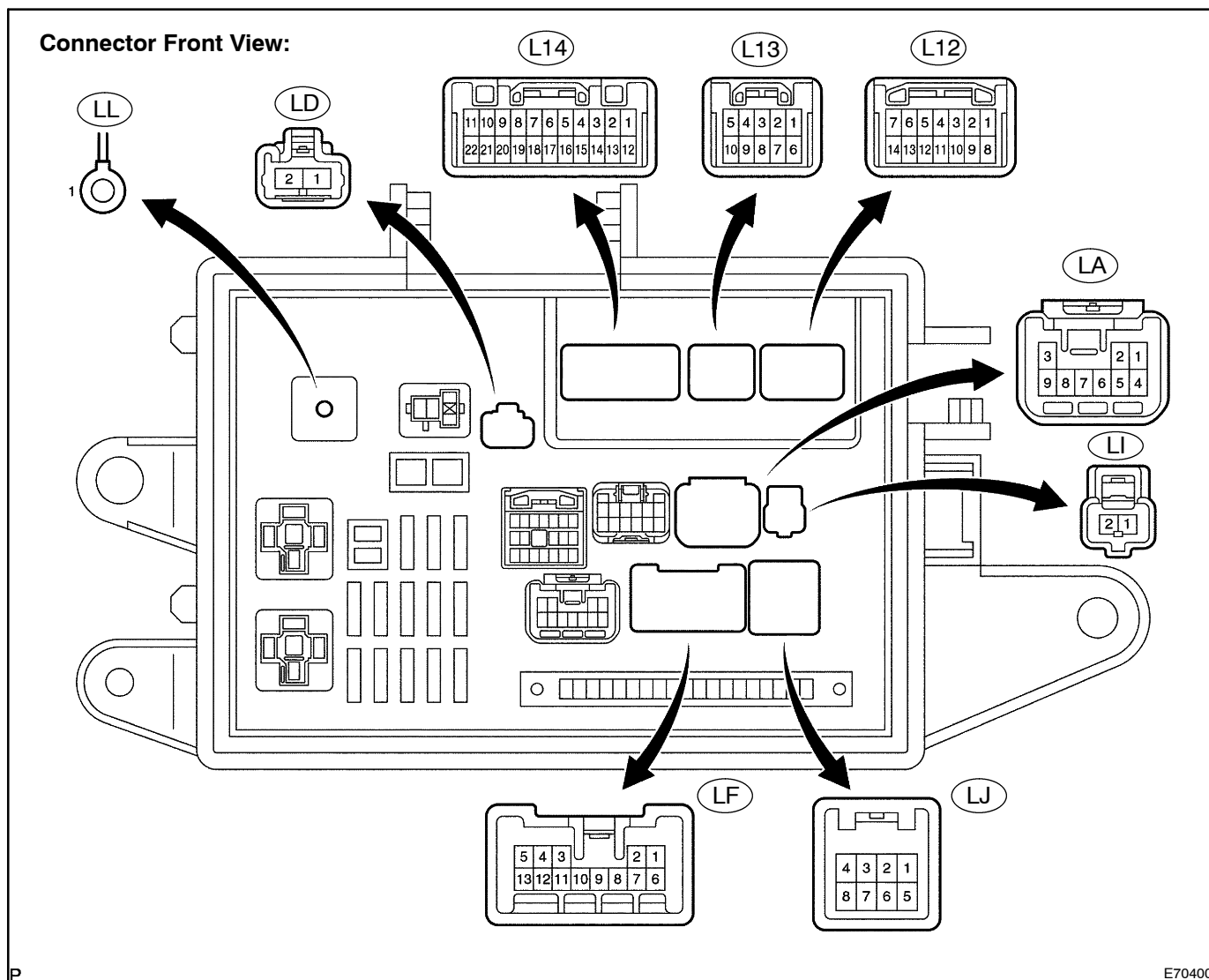
Symbols (Terminals No.)	Wiring Color	Terminal Description	Condition	Specified Condition
MPX-B (PE-16) – GND (PG-8)* ¹ MPX-B (PE-16) – GND (PG-7)* ²	L-Y – W-B	+B (MPX-B) Power supply	Constant	10 to 14 V
MPX-IG (PE-3)* ¹ – GND (PG-8)* ¹ MPX-IG (PE-7)* ² – GND (PG-7)* ²	R-L – W-B	IG (MPX-IG) Power supply	IG ON	10 to 14 V
MPX- (P3-4)* ¹ – Body ground MPX- (P3-6)* ² – Body ground	GR-B – Body ground	MPX line	Constant	10 kΩ or higher
AIRBAG (PH-2)* ¹ – Body ground AIRBAG (PH-3)* ² – Body ground	R-L – Body ground	MPX line	Constant	10 kΩ or higher
GND (PG-8)* ¹ – Body ground GND (PG-7)* ² – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω
GND1 (P4-11)* ¹ – Body ground GND1 (P4-1)* ² – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

*1: LHD

*2: RHD

5. CHECK LUGGAGE ROOM J/B ECU



- Disconnect the LA and LF J/B connectors.
- Disconnect the L13 ECU connector.
- Measure the resistance and voltage of each terminal of the wire harness side connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
MPX-IG (LF-13) – Body ground	L – Body ground	IG (MPX-IG) Power supply	IG ON	10 to 14 V
MPX-B (LF-12) – Body ground	SB*1, *3 – Body ground R*2, *3 – Body ground	+B (MPX-B) power supply	Constant	10 to 14 V
MPX (L13-3) – Body ground	P*1 – Body ground R*2 – Body ground	MPX line	Constant	10 kΩ or higher
MPX+ (L13-2) – Body ground	V – Body ground	MPX line	Constant	10 kΩ or higher
MPX- (L13-13) – Body ground	V – Body ground	MPX line	Constant	10 kΩ or higher
P-GND (LA-5) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω
SG (L13-5) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

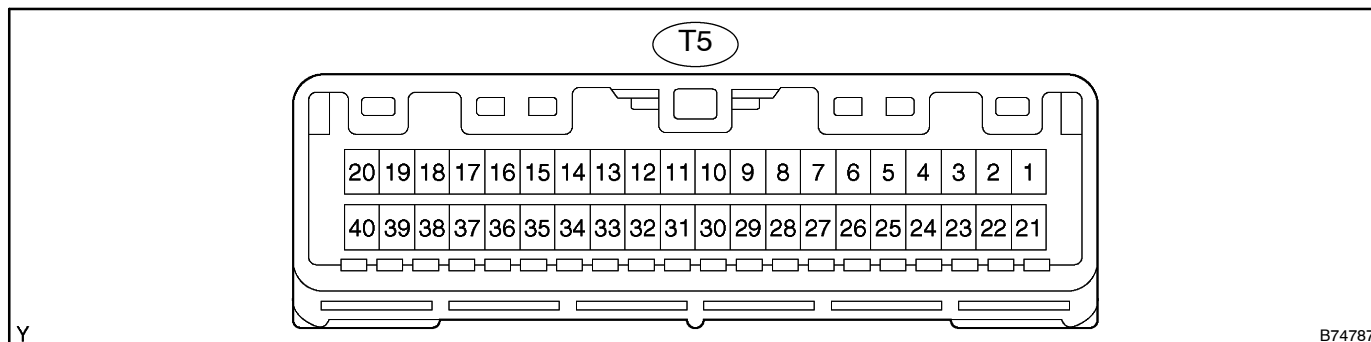
If the result is not as specified, there may be a malfunction on the wire harness side.

*1: LHD

*2: RHD

*3: w/ LEXUS parking assist (clearance sonar)

6. CHECK THEFT DETERRENT ECU



- Disconnect the T5 ECU connector.
- Measure the voltage and resistance of each terminal of the wire harness side connector.

Standard:

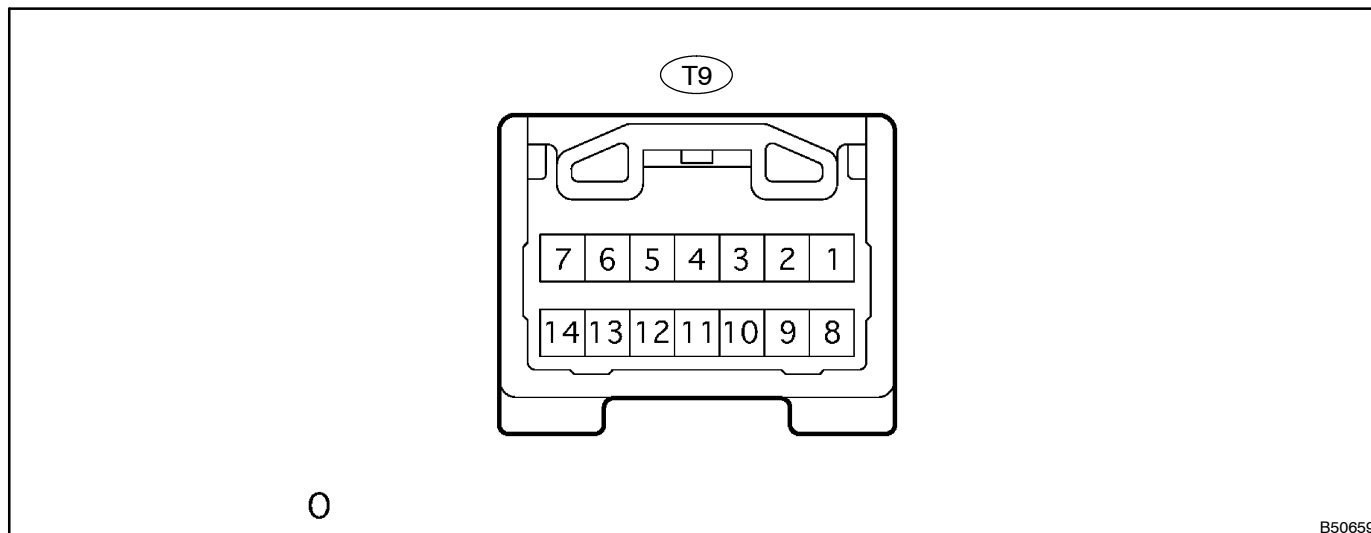
Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
+B1 (T5-1)* ¹ – Body ground	V-Y – Body ground	+B (+B1) power supply	Constant	10 to 14 V
+B1 (T5-1)* ² – Body ground				
+B2 (T5-21) – Body ground	G-W – Body ground	+B (+B2) power supply	Constant	10 to 14 V
MPX (T5-13)* ² – Body ground	P-L – Body ground	MPX line	Constant	10 kΩ or higher
MPX2 (T5-33) – Body ground	P-L – Body ground	MPX line	Constant	10 kΩ or higher
GND (T5-20) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

*1: w/ Smart key system

*2: w/o Smart key system

7. CHECK TRANSPONDER KEY ECU (WITHOUT SMART KEY SYSTEM)



B50659

- (a) Disconnect the T9 ECU connector.
- (b) Measure the voltage and resistance between each terminal of the wire harness side connector and body ground.

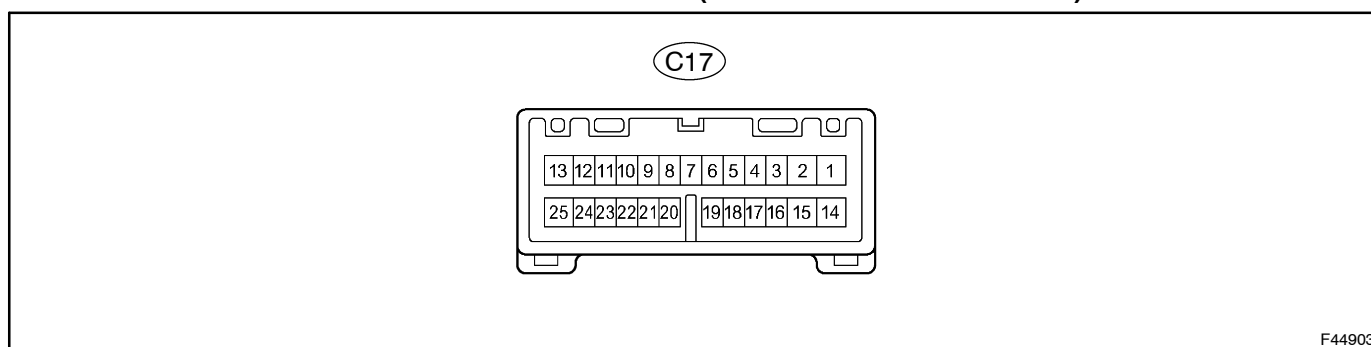
Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
CPUB (T9-1) – GND (T9-14)	V-Y* – W-B	+B (CPUB) power supply	Constant	10 to 14 V
MPX (T9-4) – Body ground	P-L* – Body ground	MPX line	Constant	10 kΩ or higher
MPX2 (T9-5) – Body ground	P-L* – Body ground	MPX line	Constant	10 kΩ or higher
GND (T9-14) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

*: w/o Smart key system

If the result is not as specified, there may be a malfunction on the wire harness side.

8. CHECK CLEARANCE WARNING ECU ASSY (CLEARANCE SONAR ECU)



F44903

- (a) Disconnect the C17 ECU connector.
- (b) Measure the voltage and resistance between each terminal of the wire harness side connector and body ground.

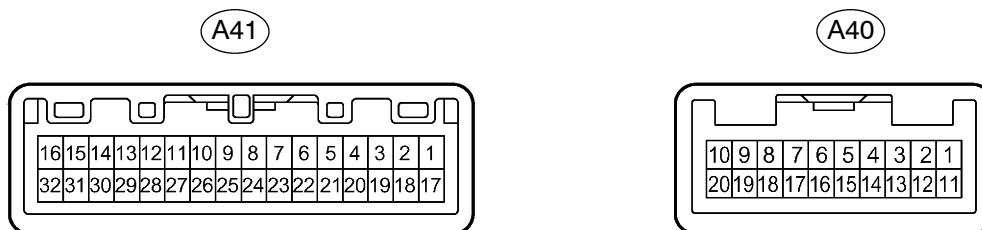
Standard:

Terminal No. (Symbols)	Wiring Color	Terminal Description	Condition	Specified value
IG (C17-5) – MGND (C17-7)	BR – W-B	Ignition switch	Ignition switch ON	10 to 14 V
CLSW (C17-3) – MGND (C17-7)	LG – W-B	Clearance sonar main switch	• Ignition switch ON • Clearance sonar main switch ON	10 to 14 V
M+ (C17-1) – Body ground	P*1 – Body ground R*2 – Body ground	MPX line	Constant	10 kΩ or higher
MGND (C17-7) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

*1: LHD

*2: RHD

9. CHECK AFS ECU**Connector Front View:**

H
E68382

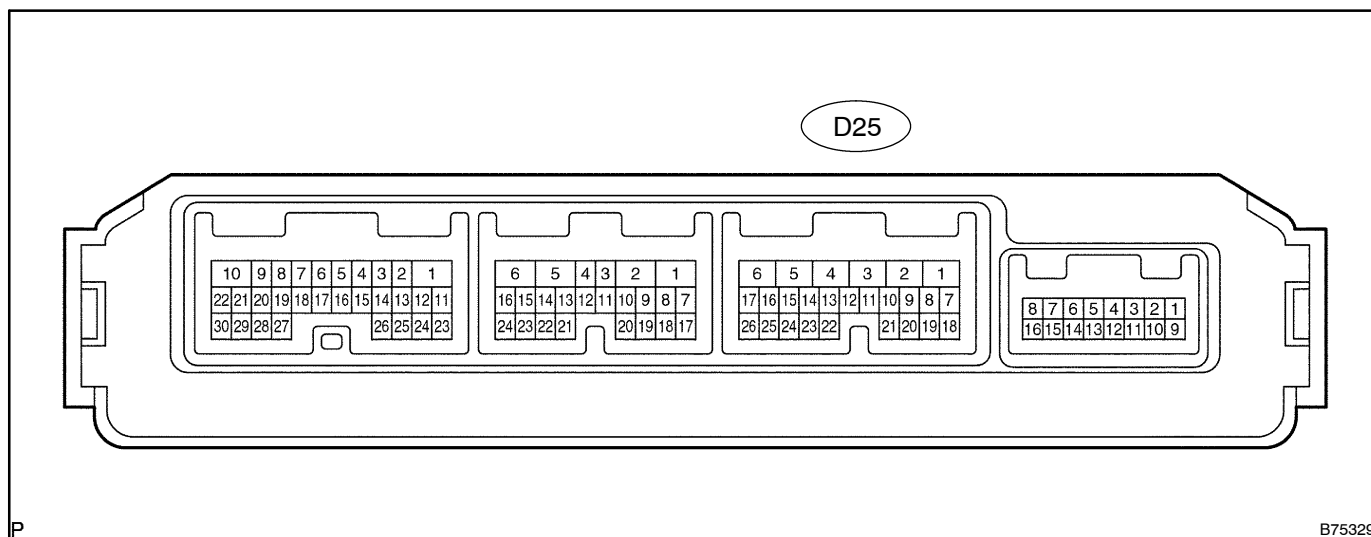
E68883

- Disconnect the A40 ECU connector.
- Measure the voltage and resistance of each terminal of the wire harness side connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
IG (A40-2) – E1 (A40-1)	R-L – W-B	Ignition switch	Ignition switch OFF → ON	0 V → 10 to 14 V
MPX1 (A40-5) – Body ground	V-G – Body ground	MPX line	Constant	10 kΩ or higher
MPX2 (A40-6) – Body ground	V-G – Body ground	MPX line	Constant	10 kΩ or higher
E1 (A40-1) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

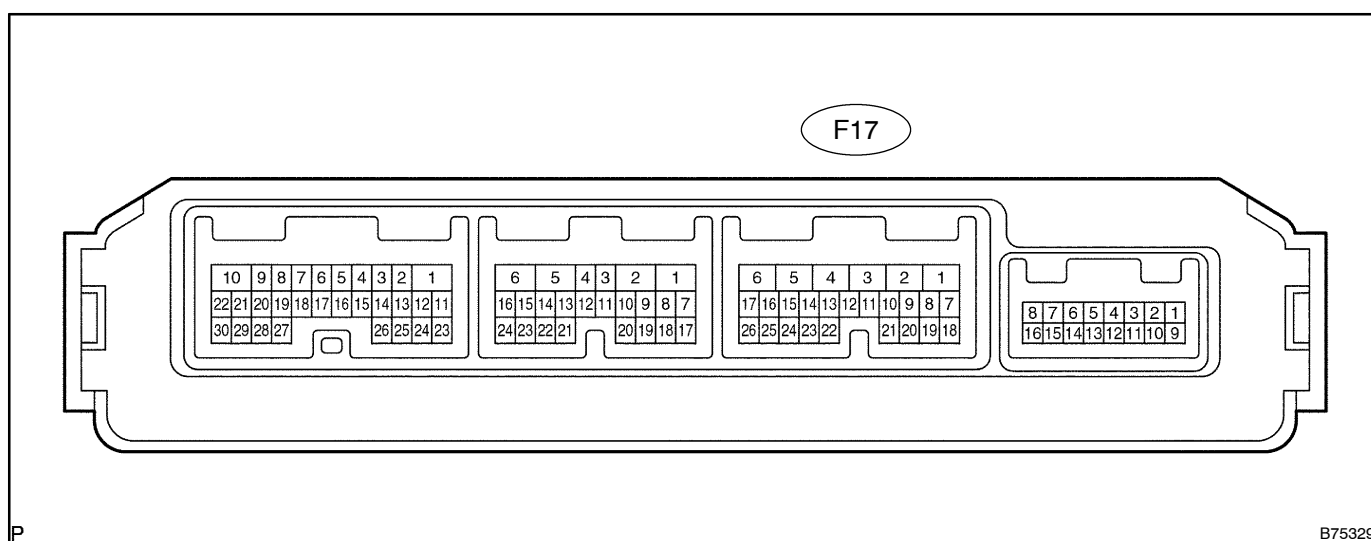
10. CHECK DRIVER DOOR ECU

- (a) Disconnect the D25 ECU connector.
 (b) Measure the voltage and resistance of each terminal of the wire harness side connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
CPUB (D25-4) – Body ground	V-Y – Body ground	+B (CPUB) power supply	Constant	10 to 14 V
BDR (D25-6) – Body ground	R – Body ground	+B (BDR) power supply	Constant	10 to 14 V
MPX1 (D25-17) – Body ground	P-L – Body ground	MPX line	Constant	10 kΩ or higher
MPX2 (D25-26) – Body ground	P-L – Body ground	MPX line	Constant	10 kΩ or higher
GND (D25-1) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

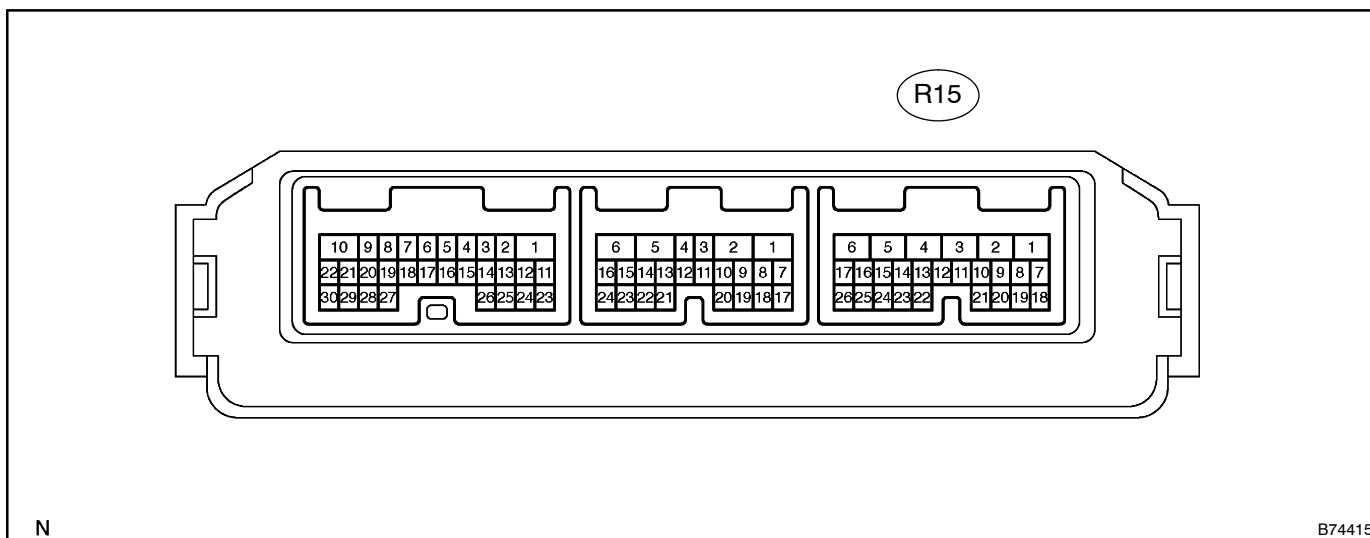
11. CHECK PASSENGER DOOR ECU

- (a) Disconnect the F17 ECU connector.
 (b) Measure the voltage and resistance of each terminal of the wire harness side connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
CPUB (F17-4) – Body ground	V-Y – Body ground	+B (CPUB) power supply	Constant	10 to 14 V
BDR (F17-6) – Body ground	R – Body ground	+B (BDR) power supply	Constant	10 to 14 V
MPX1 (F17-17) – Body ground	P-L – Body ground	MPX line	Constant	10 kΩ or higher
MPX2 (F17-26) – Body ground	P-L – Body ground	MPX line	Constant	10 kΩ or higher
GND (F17-1) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

12. CHECK REAR DOOR LH ECU

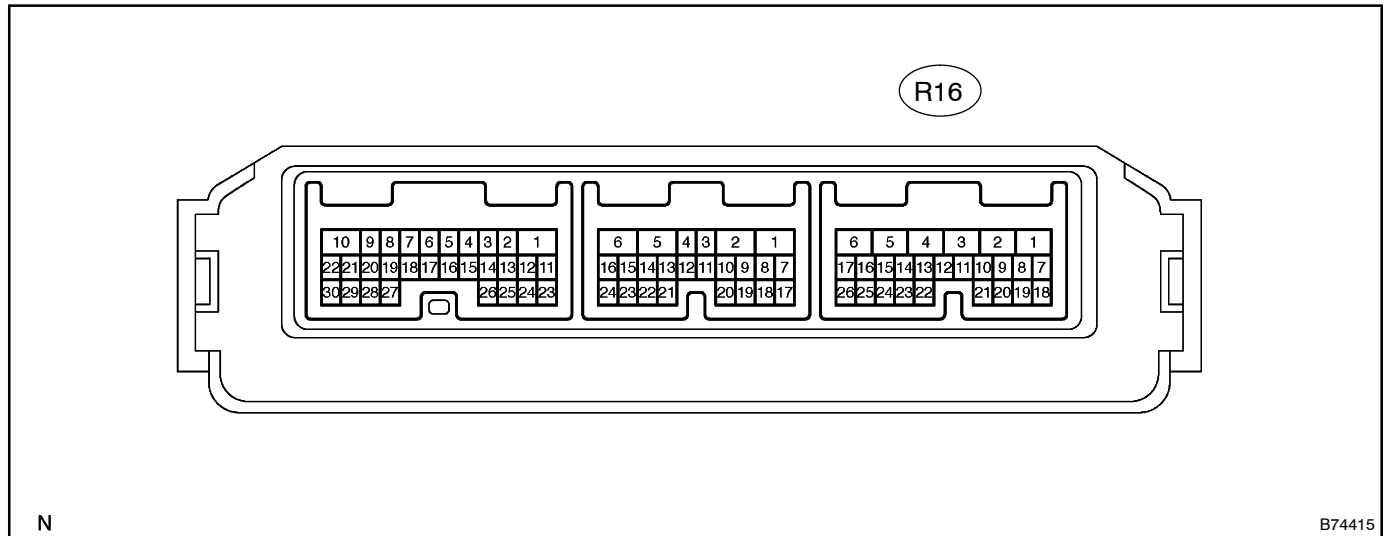
- (a) Disconnect the R15 ECU connector.
- (b) Measure the voltage and resistance of each terminal of the wire harness side connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
CPUB (R15-1) – Body ground	V-Y – Body ground	+B (CPUB) power supply	Constant	10 to 14 V
BDR (R15-2) – Body ground	R-B – Body ground	+B (BDR) power supply	Constant	10 to 14 V
MPX1 (R15-18) – Body ground	P-L – Body ground	MPX line	Constant	10 kΩ or higher
MPX2 (R15-20) – Body ground	P-L – Body ground	MPX line	Constant	10 kΩ or higher
GND (R15-6) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

13. CHECK REAR DOOR RH ECU



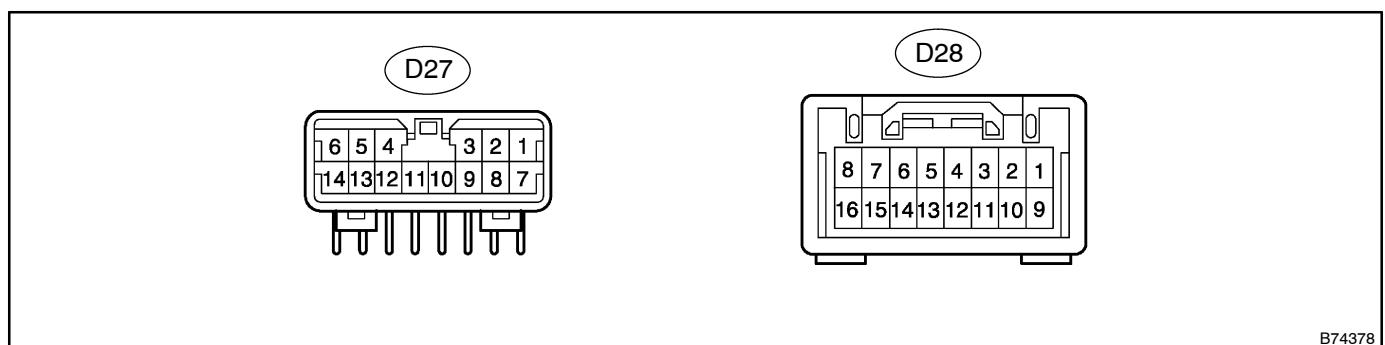
- (a) Disconnect the R16 ECU connector.
- (b) Measure the voltage and resistance of each terminal of the wire harness side connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
CPUB (R16-1) – Body ground	V-Y – Body ground	+B (CPUB) power supply	Constant	10 to 14 V
BDR (R16-2) – Body ground	R-W – Body ground	+B (BDR) power supply	Constant	10 to 14 V
MPX1 (R16-18) – Body ground	P-L – Body ground	MPX line	Constant	10 kΩ or higher
MPX2 (R16-20) – Body ground	P-L – Body ground	MPX line	Constant	10 kΩ or higher
GND (R16-6) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

14. CHECK DRIVER SEAT ECU

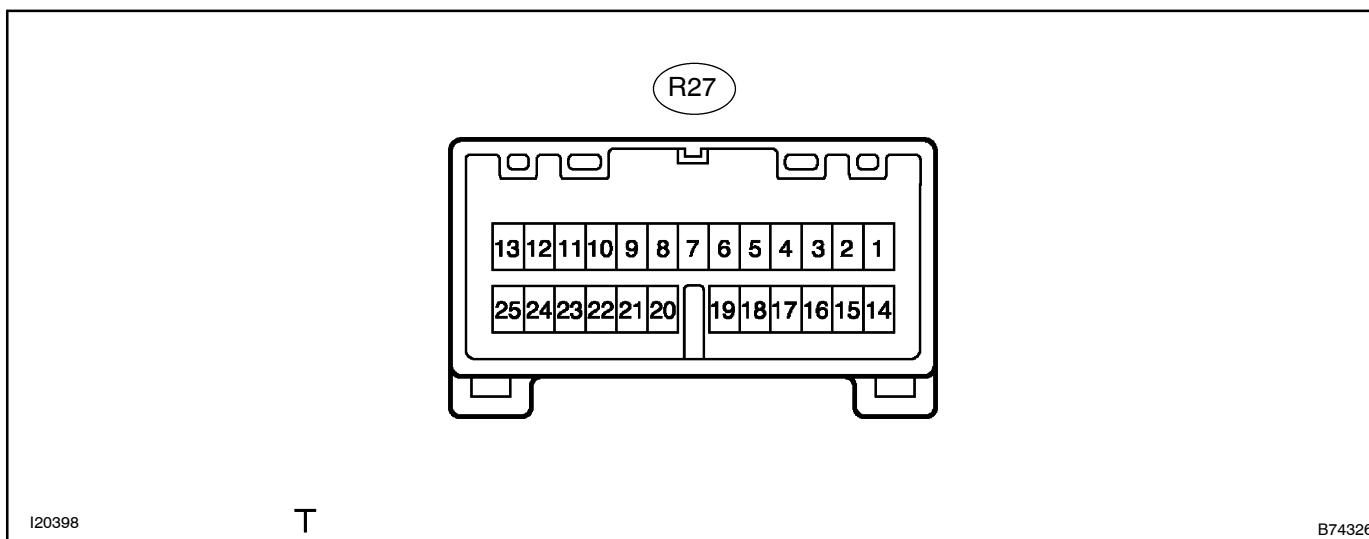


- (a) Disconnect the D27 and D28 ECU connectors.
- (b) Measure the voltage of each terminal of the wire harness side connectors.

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
D27-14 (+B)* ¹ – D27-6 (GND)* ¹ D27-7 (+B)* ² – D27-1 (GND)* ²	B-R – W-B	+B (+B) power supply	Constant	10 to 14 V
D28-9 (SYSB)* ¹ – D28-1 (SGND)* ¹ D28-16 (SYSB)* ² – D28-8 (SGND)* ²	V-Y – BR	+B (SYSB) power supply	Constant	10 to 14 V
D28-11 (MPX1)* ¹ – Body ground D28-14 (MPX1)* ² – Body ground	R-L – Body ground	MPX line	Constant	10 kΩ or higher
D28-1 (SGND)* ¹ – Body ground D28-8 (SGND)* ² – Body ground	BR – Body ground	Ground	Constant	Below 1 Ω
D27-6 (GND)* ¹ – Body ground D27-1 (GND)* ² – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

15. CHECK REAR LH SEAT ECU

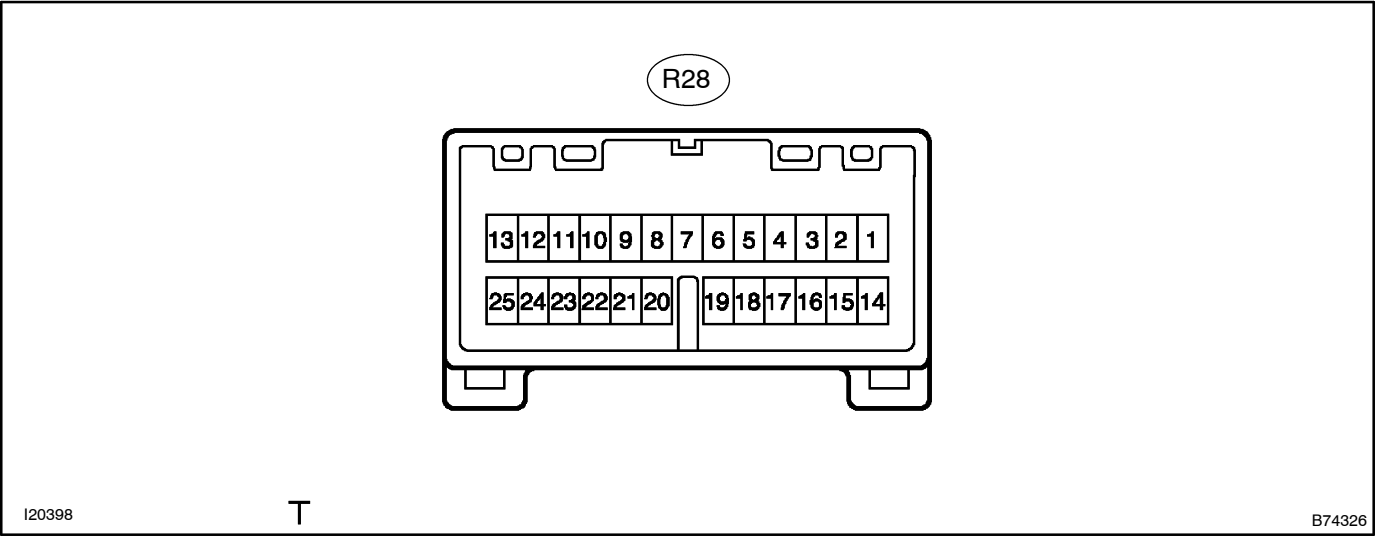
- Disconnect the R27 ECU connector.
- Measure the voltage of each terminal of the wire harness side connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
R27-1 (+B) – R27-14 (GND)	B – W-B	+B (+B) power supply	Constant	10 to 14 V
R27-18 (SYSB) – R27-23 (SGND)	V-Y – W-B	+B (SYSB) power supply	Constant	10 to 14 V
R27-7 (MPX) – Body ground	P-L – Body ground	MPX line	Constant	10 kΩ or higher
R27-23 (SGND) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω
R27-14 (GND) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

16. CHECK REAR RH SEAT ECU



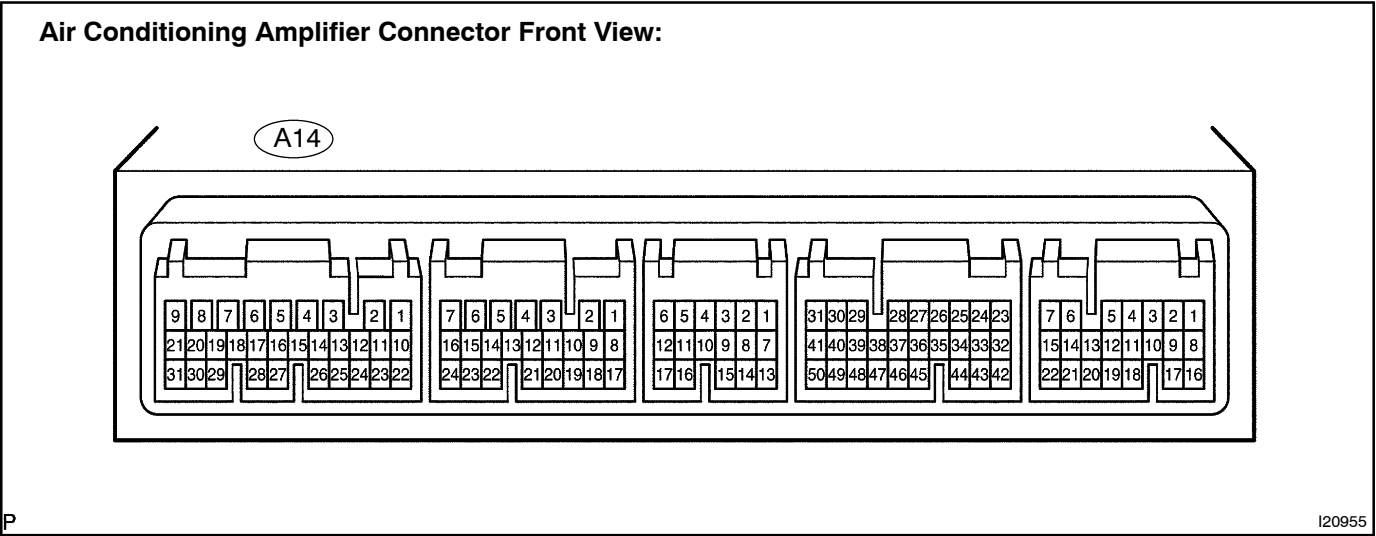
- (a) Disconnect the R28 ECU connector.
- (b) Measure the voltage of each terminal of the wire harness side connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
R28-1 (+B) – R28-14 (GND)	L – W-B	+B (+B) power supply	Constant	10 to 14 V
R28-18 (SYSB) – R28-23 (SGND)	V-Y – W-B	+B (SYSB) power supply	Constant	10 to 14 V
R28-7 (MPX) – Body ground	P-L – Body ground	MPX line	Constant	10 kΩ or higher
R28-23 (SGND) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω
R28-14 (GND) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

17. CHECK AIR CONDITIONER AMPLIFIER (A/C ECU)



- (a) Disconnect the A14 amplifier connector.
 (b) Measure the voltage and resistance of each terminal of the wire harness side connector.

Standard:

Symbols (Terminal No.)	Wiring color	Terminal Description	Condition	Specification
+B (A11-21) – GND (A14-1)	B-Y*1 – W-B W-R*2 – W-B	+B Power supply	Constant	10 to 14 V
IG (A14-9) – GND (A14-1)	LG-R – W-B	Ignition switch	Ignition switch OFF → ON	0 V → 10 to 14 V
MPX+ (A14-2) – Body ground	GR-B – Body ground	MPX line	Constant	10 kΩ or higher
MPX- (A14-4) – Body ground	GR-B – Body ground	MPX line	Constant	10 kΩ or higher
GND (A14-1) – Body ground	W-B – Body ground	Ground	Constant	Below 1.0 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

*1: LHD

*2: RHD

18. CHECK AIRBAG SENSOR ASSY CENTER

(A27)

8	7	6	5	4	3	2	1	10	9	8	7	6	5	4	3	2	1	8	7	6	5	4	3	2	1
16	15	14	13	12	11	10	9	20	19	18	17	16	15	14	13	12	11	16	15	14	13	12	11	10	9
24	23	22	21	20	19	18	17	30	29	28	27	26	25	24	23	22	21	24	23	22	21	20	19	18	17

P H43423

B79634

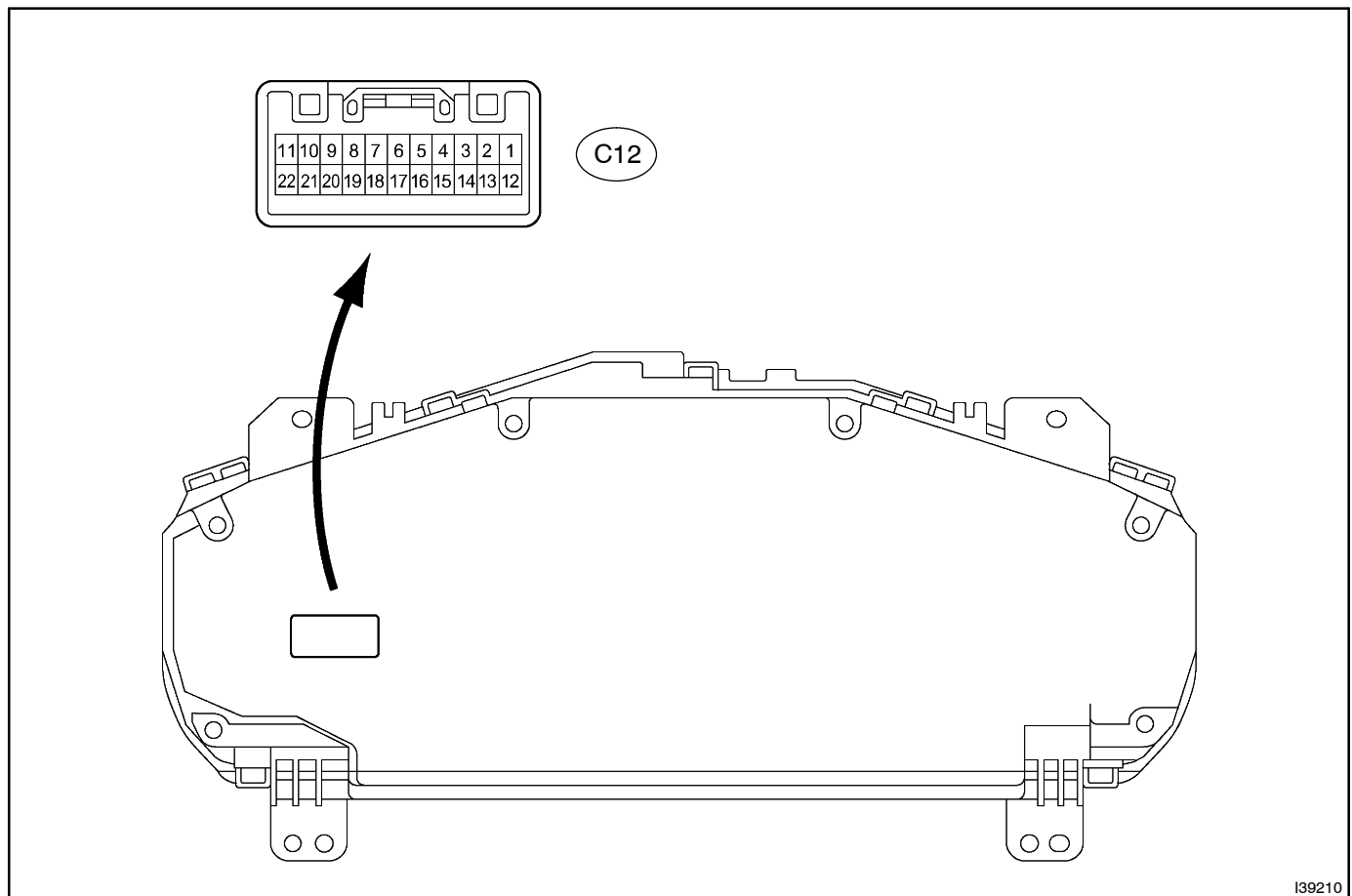
- (a) Disconnect the A27 sensor connector.
 (b) Measure the voltage and resistance of each terminal of the wire harness side connector.

Standard:

Terminal No. (Symbols)	Wiring Color	Terminal description	Condition	Specified value
IG2 (A27-21) – E1 (A27-25)	B-O – W-B	Ignition switch	Ignition switch OFF → ON	0 V → 10 to 14 V
MPX1 (A27-13) – Body ground	R-L – Body ground	MPX line	Constant	10 kΩ or higher
MPX2 (A27-22) – Body ground	R-L – Body ground	MPX line	Constant	10 kΩ or higher
E1 (A27-5) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω
E2 (A27-26) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

19. CHECK COMBINATION METER ASSY



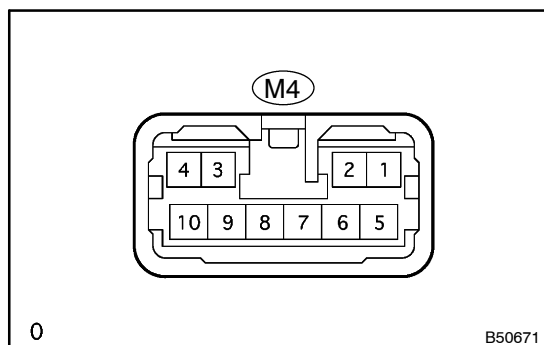
I39210

- (a) Disconnect the C12 meter connector.
 (b) Measure the voltage and resistance of each terminal of the wire harness side connectors.

Standard:

Symbols (Terminals No.)	Wiring Color	Terminal Description	Condition	Specified Condition
B (C12-12) – Body ground	L-Y – Body ground	+B (B) power supply	Constant	10 to 14 V
B (C12-13) – Body ground	R – Body ground	+B (B) power supply	Constant	10 to 14 V
MPX+ (C12-2) – Body ground	GR-B – Body ground	MPX line	Constant	10 k Ω or higher
MPX- (C12-3) – Body ground	GR-B – Body ground	MPX line	Constant	10 k Ω or higher
E2 (C12-22) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.



20. CHECK SLIDING ROOF DRIVE GEAR ASSY (MOON ROOF CONTROL ECU)

- (a) Disconnect the M4 ECU connector.
- (b) Measure the voltage and resistance of each terminal of the wire harness side connector.

Standard:

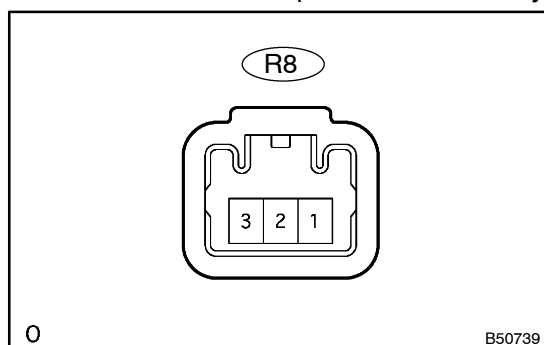
Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
B (M4-5) – E (M4-7)	L*1 – W-B B*2 – W-B	+B (B) power supply	Constant	10 to 14 V
MPX1 (M4-2) – Body ground	P-L – Body ground	MPX line	Constant	10 kΩ or higher
E (M4-7) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

*1: LHD

*2: RHD

If the result is not as specified, there may be a malfunction on the wire harness side.



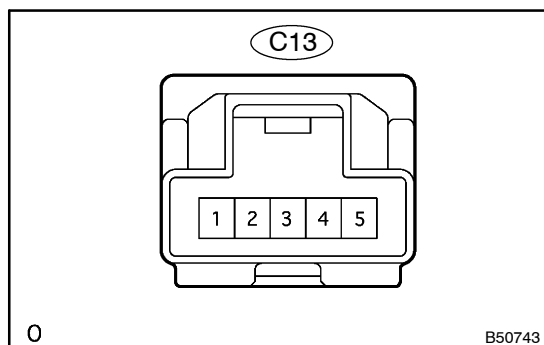
21. CHECK RAIN SENSOR

- (a) Disconnect the R8 sensor connector.
- (b) Check the voltage and resistance of each terminal of the wire harness side connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
SIG (R8-1) – Body ground	LG-R – Body ground	Ignition switch	Ignition switch OFF → ON	0 V → 10 to 14 V
MPX (R8-2) – Body ground	P-L – Body ground	MPX line	Constant	10 kΩ or higher
ES (R8-3) – Body ground	BR – Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.



22. CHECK STEERING PAD SWITCH

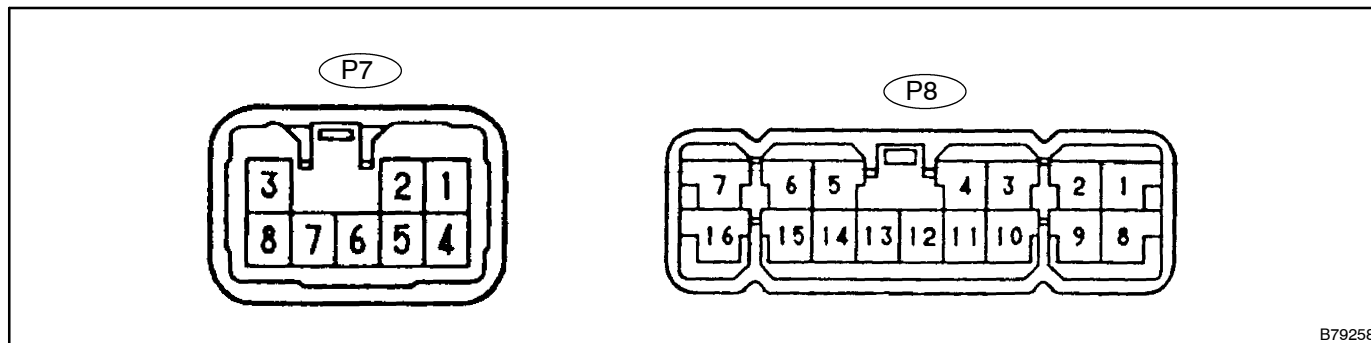
- Disconnect the C13 switch connector.
- Measure the voltage and resistance of each terminal of the wire harness side connectors.

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
+B (C13-8) - Body ground	L-Y - Body ground	+B Power supply	Constant	10 to 14 V
MPX (C13-9) - Body ground	R-L - Body ground	MPX line	Constant	10 kΩ or higher
ECC (C13-3) - Body ground	BR - Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

23. CHECK POWER TILT AND POWER TELESCOPIC (TILT AND TELESCOPIC ECU)



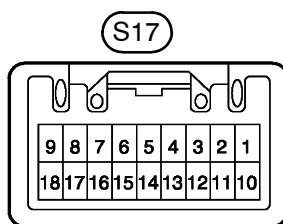
- Disconnect the P7 and P8 ECU connectors.
- Measure the voltage and resistance of each terminal of the wire harness side connectors.

Standard:

Terminal No. (Symbols)	Wiring Color	Terminal Description	Condition	Specified Condition
ECUB (P7-1) - GND (P7-6)	R-B - W-B	+B (ECUB) power supply	Constant	11 to 14 V
+B (P8-4) - GND (P7-6)	L-W - W-B	+B (+B) power supply	Constant	11 to 14 V
MPX1 (P7-3) - Body ground	V-G - Body ground	MPX line	Constant	10 kΩ or higher
MPX2 (P7-8) - Body ground	V-G - Body ground	MPX line	Constant	10 kΩ or higher
GND (P7-6) - Body ground	W-B - Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

24. CHECK STEERING LOCK ECU



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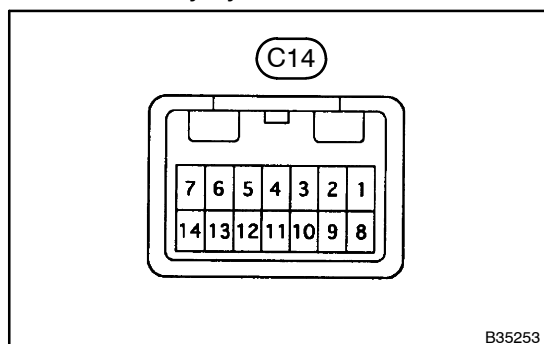
- Disconnect the S17 ECU connector.
- Measure the voltage and resistance of each terminal of the wire harness side connector.

Standard:

Terminal No. (Symbols)	Wiring color	Terminal Description	Condition	Specified value
CPUB (S17-1) – GND (S17-9)	V-Y – W-B	+B (CPUB) Power supply	Constant	10 to 14 V
+B (S17-10) – GND (S17-9)	R-L – W-B	+B (+B) Power supply	Constant	10 to 14 V
MPX1 (S17-15)* – Body ground	P-L – Body ground	MPX line	Constant	10 kΩ or higher
MPX2 (S17-6)* – Body ground	P-L – Body ground	MPX line	Constant	10 kΩ or higher
GND (S17-9) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

*: w/ smart key system



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25. CHECK COMBINATION SWITCH

- Disconnect the C14 switch connector.
- Measure the voltage and resistance of each terminal of the wire harness side connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
+B (C14-1) – E (C14-8)	L-Y – W-B	+B (B) Power supply	Constant	10 to 14 V
MPX1 (C14-9) – Body ground	V-G – Body ground	MPX line	Constant	10 kΩ or higher
MPX2 (C14-10) – Body ground	V-G – Body ground	MPX line	Constant	10 kΩ or higher
E (C14-8) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.