

PROBLEM SYMPTOMS TABLE

HINT:

- Use the table below to help determine the cause of the problem symptom. The potential causes of the symptoms are listed in order of probability in the "Suspected Area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.
- Proceed to the troubleshooting procedures for each circuit in the table below.

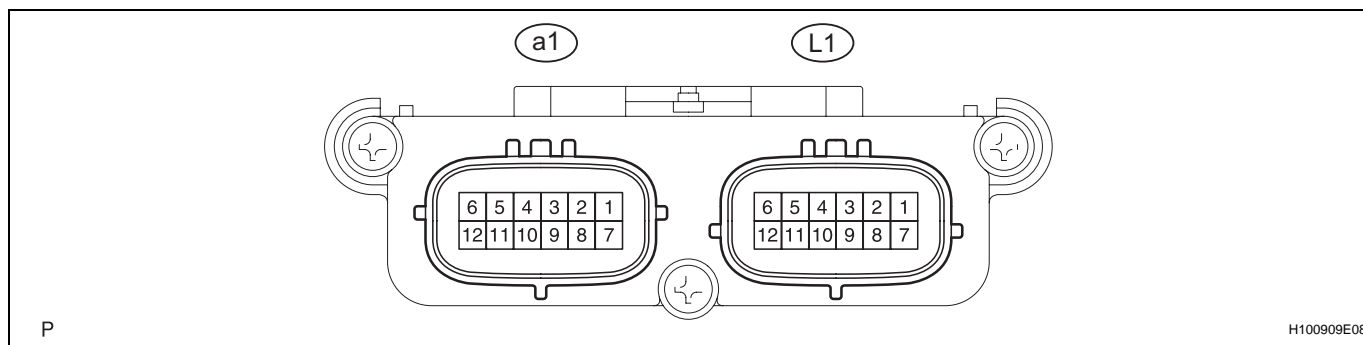
Occupant classification ECU

Symptom	Suspected area	See page
The front passenger seat condition differs from the indication of the passenger airbag ON/OFF indicator (DTC is not output).	Trouble in Passenger Airbag ON/OFF Indicator	RS-328

TERMINALS OF ECU

1. CHECK OCCUPANT CLASSIFICATION ECU

(a) Measure the voltage of the connector.



Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
+B (L1-1) - GND (L1-3)	R - W - B	+B power source	Always	10 to 14 V
DIA (L1-2) - GND (L1-3)	W - W - B	Diagnosis (DLC3)	Ignition switch ON	Pulse generation
GND (L1-3) - Body ground	W-B - Body ground	Ground	Always	Below 1 Ω
FSR- (L1-4) - GND (L1-3)	O - W - B	Center airbag sensor communication line	Always	Below 1 Ω
BGND (L1-5) - GND (L1-3)	BR - W - B	Passenger side buckle switch ground line	Always	Below 1 Ω
IG (L1-7) - GND (L1-3)	B - W - B	IG power source	Ignition switch ON	10 to 14 V
FSR+ (L1-8) - FSR- (L1-4)	V - O	Center airbag sensor communication line	Ignition switch ON	Pulse generation
BSW (L1-9) - BGND (L1-5)	GR - BR	Passenger side buckle switch line	Buckle switch ON Buckle switch OFF	Pulse generation
SGD1 (a1-1) - GND (L1-3)	G - W-B	Front occupant classification sensor LH ground line	Always	Below 1 Ω
SGD2 (a1-2) - GND (L1-3)	O - W-B	Front occupant classification sensor RH ground line	Always	Below 1 Ω
SGD3 (a1-3) - GND (L1-3)	W - W-B	Rear occupant classification sensor LH ground line	Always	Below 1 Ω
SGD4 (a1-4) - GND (L1-3)	BR - W-B	Rear occupant classification sensor RH ground line	Always	Below 1 Ω
SVC1 (a1-11) - SGD1 (a1-1)	R - G	Front occupant classification sensor LH power supply line	Ignition switch ON, a load is applied to front occupant classification sensor LH	4.5 to 5.1 V
SVC2 (a1-12) - SGD2 (a1-2)	W - O	Front occupant classification sensor RH power supply line	Ignition switch ON, a load is applied to front occupant classification sensor RH	4.5 to 5.1 V
SVC3 (a1-5) - SGD3 (a1-3)	GR - W	Rear occupant classification sensor LH power supply line	Ignition switch ON, a load is applied to rear occupant classification sensor LH	4.5 to 5.1 V
SVC4 (a1-6) - SGD4 (a1-4)	V - BR	Rear occupant classification sensor RH power supply line	Ignition switch ON, a load is applied to rear occupant classification sensor RH	4.5 to 5.1 V
SIG1 (a1-7) - SGD1 (a1-1)	SB - G	Front occupant classification sensor LH signal line	Ignition switch ON, a load is applied to front occupant classification sensor LH	0.2 to 4.7 V

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Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
SIG2 (a1-8) - SGD2 (a1-2)	L - O	Front occupant classification sensor RH signal line	Ignition switch ON, a load is applied to front occupant classification sensor RH	0.2 to 4.7 V
SIG3 (a1-9) - SGD3 (a1-3)	Y - W	Rear occupant classification sensor LH signal line	Ignition switch ON, a load is applied to rear occupant classification sensor LH	0.2 to 4.7 V
SIG4 (a1-10) - SGD4 (a1-4)	R - BR	Rear occupant classification sensor RH signal line	Ignition switch ON, a load is applied to rear occupant classification sensor RH	0.2 to 4.7 V