

PROBLEM SYMPTOMS TABLE

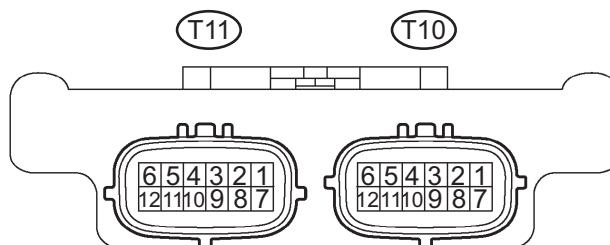
HINT:
Proceed to the troubleshooting for each circuit in the table below.

OCCUPANT CLASSIFICATION SYSTEM:

Symptom	Suspected area	See page
The front passenger seat condition differs from the indication by the passenger airbag ON/OFF indicator (DTC is not output).	Trouble in Passenger Airbag ON/OFF Indicator	RS-339

TERMINALS OF ECU

1. OCCUPANT CLASSIFICATION ECU (for Power seat)

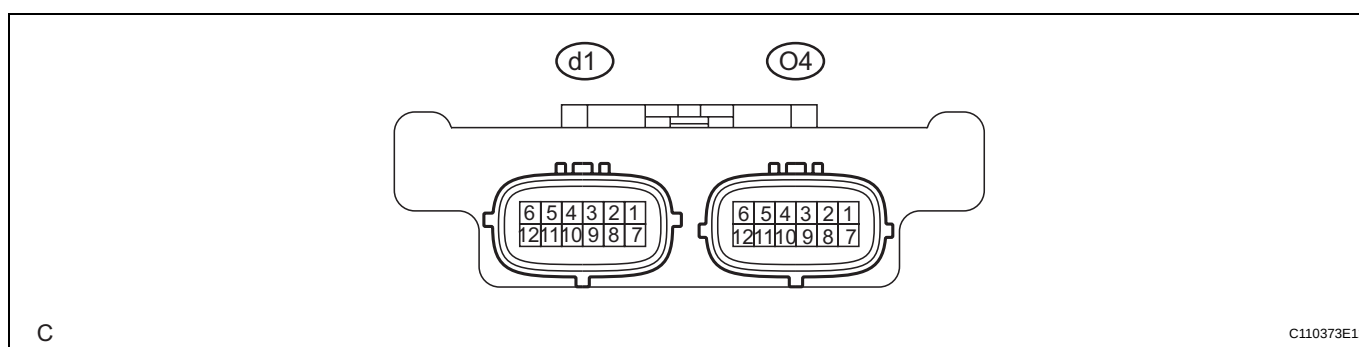


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Terminal No. (Symbols)	Wiring Color	Terminal Description	Condition	Specification
T10-1 (+B) - T10-3 (GND)	W - W-B	Battery	Always	10 to 14 V
T10-2 (DIA) - T10-3 (GND)	GR - W-B	Diagnosis (DLC3)	Power switch on (IG)	Pulse generation
T10-3 (GND) - Body ground	W-B - Body ground	Ground	Always	Below 1 V
T10-4 (FSR-) - T10-3 (GND)	Y - W-B	Center airbag sensor assembly communication line (-)	Always	Below 1 V
T10-5 (BGND) - T10-3 (GND)	GR - W-B	Passenger side buckle switch ground line	Always	Below 1 V
T10-7 (IG) - T10-3 (GND)	BR - W-B	Power source (ECU-B Fuse)	Power switch on (IG)	10 to 14 V
T10-8 (FSR+) - T10-4 (FSR-)	L - Y	Center airbag sensor assembly communication line	Power switch on (IG)	Pulse generation
T10-9 (BSW) - T10-5 (BGND)	B - GR	Passenger side buckle switch line	Always	Below 1 V
T11-1 (SGD1) - T10-3 (GND)	G - W-B	Front occupant classification sensor LH ground line	Always	Below 1 V
T11-2 (SGD2) - T10-3 (GND)	O - W-B	Front occupant classification sensor RH ground line	Always	Below 1 V
T11-3 (SGD3) - T10-3 (GND)	W - W-B	Rear occupant classification sensor LH ground line	Always	Below 1 V
T11-4 (SGD4) - T10-3 (GND)	BR - W-B	Rear occupant classification sensor RH ground line	Always	Below 1 V
T11-5 (SVC3) - T11-3 (SGD3)	GR - W	Rear occupant classification sensor LH power supply line	Power switch on (IG), a load is applied to rear occupant classification sensor LH	4.5 to 5.1 V
T11-6 (SVC4) - T11-4 (SGD4)	V - BR	Rear occupant classification sensor RH power supply line	Power switch on (IG), a load is applied to rear occupant classification sensor RH	4.5 to 5.1 V
T11-7 (SIG1) - T11-1 (SGD1)	P - G	Front occupant classification sensor LH signal line	Power switch on (IG), a load is applied to front occupant classification sensor LH	0.2 to 4.9 V
T11-8 (SIG2) - T11-2 (SGD2)	L - O	Front occupant classification sensor RH signal line	Power switch on (IG), a load is applied to front occupant classification sensor RH	0.2 to 4.9 V

Terminal No. (Symbols)	Wiring Color	Terminal Description	Condition	Specification
T11-9 (SIG3) - T11-3 (SGD3)	Y - W	Rear occupant classification sensor LH signal line	Power switch on (IG), a load is applied to rear occupant classification sensor LH	0.2 to 4.9 V
T11-10 (SIG4) - T11-4 (SGD4)	B - BR	Rear occupant classification sensor RH signal line	Power switch on (IG), a load is applied to rear occupant classification sensor RH	0.2 to 4.9 V
T11-11 (SVC1) - T11-1 (SGD1)	R - G	Front occupant classification sensor LH power supply line	Power switch on (IG), a load is applied to front occupant classification sensor LH	4.5 to 5.1 V
T11-12 (SVC2) - T11-2 (SGD2)	W - O	Front occupant classification sensor RH power supply line	Power switch on (IG), a load is applied to front occupant classification sensor RH	4.5 to 5.1 V

2. OCCUPANT CLASSIFICATION ECU (for Manual seat)



Terminal No. (Symbols)	Wiring Color	Terminal Description	Condition	Specification
O4-1 (+B) - O4-3 (GND)	LG - W-B	Battery	Always	10 to 14 V
O4-2 (DIA) - O4-3 (GND)	O - W-B	Diagnosis (DLC3)	Power switch on (IG)	Pulse generation
O4-3 (GND) - Body ground	W-B - Body ground	Ground	Always	Below 1 V
O4-4 (FSR-) - O4-3 (GND)	B - W	Center airbag sensor assembly communication line (-)	Always	Below 1 V
O4-5 (BGND) - O4-3 (GND)	GR - W-B	Passenger side buckle switch ground line	Always	Below 1 V
O4-7 (IG) - O4-3 (GND)	BR - W-B	Power source (ECU-B Fuse)	Power switch on (IG)	10 to 14 V
O4-8 (FSR+) - O4-4 (FSR-)	W - B	Center airbag sensor assembly communication line	Power switch on (IG)	Pulse generation
O4-9 (BSW) - O4-5 (BGND)	P - GR	Passenger side buckle switch line	Always	Below 1 V
d1-1 (SGD1) - O4-3 (GND)	G - W-B	Front occupant classification sensor LH ground line	Always	Below 1 V
d1-2 (SGD2) - O4-3 (GND)	O - W-B	Front occupant classification sensor RH ground line	Always	Below 1 V
d1-3 (SGD3) - O4-3 (GND)	W - W-B	Rear occupant classification sensor LH ground line	Always	Below 1 V
d1-4 (SGD4) - O4-3 (GND)	BR - W-B	Rear occupant classification sensor RH ground line	Always	Below 1 V