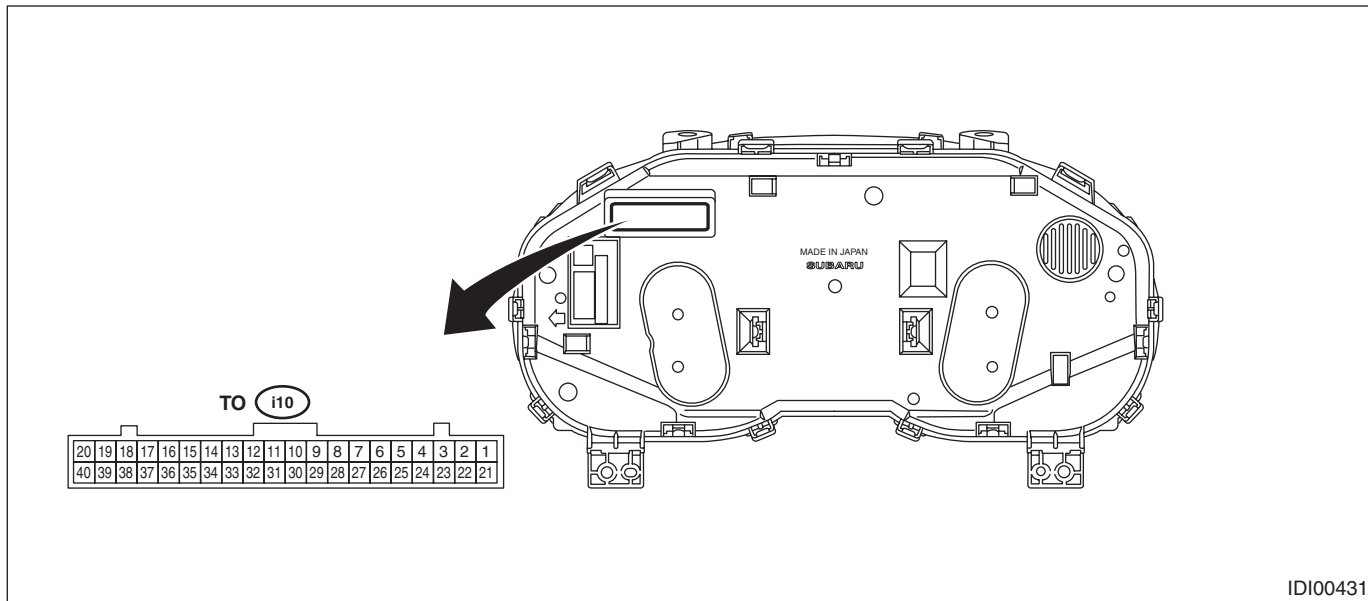


5. Control Module I/O Signal

A: ELECTRICAL SPECIFICATION

- Combination meter



IDI00431

Terminal No.	Contents	Measuring condition	Standard
1 ↔ Chassis ground	Immobilizer/security indicator light	Security/immobilizer indicator light off → on	0 V → 10 — 14 V
2 ↔ Chassis ground	Charge warning light	Charge warning light off → on	0 V → 10 — 14 V
3 ↔ Chassis ground	Oil pressure warning light	Oil pressure warning light off → on	0 V → 10 — 14 V
4 ↔ Chassis ground	RH turn indicator	RH turn indicator off → on	0 V → 10 — 14 V
5 ↔ Chassis ground	—	—	—
6 ↔ Chassis ground	LH turn indicator	LH turn indicator off → on	0 V → 10 — 14 V
7 ↔ Chassis ground	—	—	—
8 ↔ Chassis ground	Auto headlight beam leveler warning light	Auto headlight beam leveler warning light off → on	0 V → 10 — 14 V
9	—	—	—
10	—	—	—
11	—	—	—
12	—	—	—
13	—	—	—
14	—	—	—
15 ↔ Chassis ground	Driver's seat belt switch	Driver's seat belt switch ON	Less than 1 Ω
16 ↔ Chassis ground	Passenger's seat belt switch	Passenger's seat belt switch ON	Less than 1 Ω
17	—	—	—
18	—	—	—
19	—	—	—
20 ↔ Chassis ground	Ignition power supply	IG OFF → ON	0 V → 10 — 14 V

Control Module I/O Signal

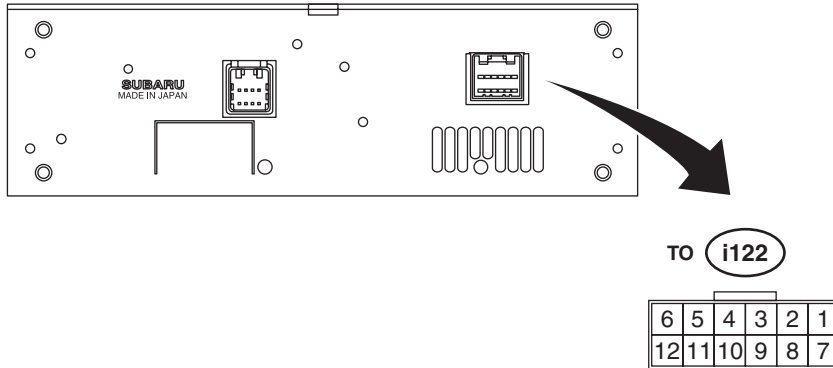
INSTRUMENTATION/DRIVER INFO (DIAGNOSTICS)

Terminal No.	Contents	Measuring condition	Standard
21 ↔ Chassis ground	Washer fluid level sensor	—	—
22	—	—	—
23 ↔ Chassis ground	Brake fluid level switch	Brake fluid level switch OFF → ON	1 MΩ or more → less than 1 Ω
24 ↔ 34	R. DIFF oil temperature sensor	—	—
25 ↔ 37	Fuel level sensor	Always	10 — 600 Ω
26 ↔ 35	SI-DRIVE input (engine type: EJ)	SI-DRIVE switch OFF → ON	1 MΩ or more → less than 1 Ω
27 ↔ 36	Ambient sensor	Always	1 — 35 kΩ
28 ↔ Chassis ground	UART (MFD)	Cannot be measured	—
29 ↔ Chassis ground	STEERING+	SET/+/- switch OFF → ON	1 MΩ or more → less than 1 Ω
30	—	—	—
31 ↔ Chassis ground	SI-DRIVE input (engine type: FA)	SI-DRIVE switch OFF → ON	1 MΩ or more → less than 1 Ω
32 ↔ Chassis ground	CAN communication line (–)	Cannot be measured	—
33 ↔ Chassis ground	CAN communication line (+)	Cannot be measured	—
34	R. DIFF GND	—	—
35	SI-DRIVE input GND (engine type: EJ)	—	—
36	Ambient sensor GND	—	—
37	Fuel level sensor GND	—	—
38 ↔ Chassis ground	GND	Always	Less than 1 Ω
39 ↔ Chassis ground	Backup ignition power supply	IG OFF → ON	0 V → 10 — 14 V
40 ↔ Chassis ground	Battery power supply	Always	10 — 14 V

Control Module I/O Signal

INSTRUMENTATION/DRIVER INFO (DIAGNOSTICS)

- MFD



IDI00427

Terminal No.	Contents	Measuring condition	Standard
1 ↔ Chassis ground	Battery power supply	Always	10 — 14 V
2 ↔ Chassis ground	GND	Always	Less than 1 Ω
3 ↔ Chassis ground	Ignition power supply	IG OFF → ON	0 V → 10 — 14 V
4 ↔ Chassis ground	Steering switch communication line (–)	Cannot be measured	—
5 ↔ Chassis ground	CAN communication line (–)	Cannot be measured	—
6 ↔ Chassis ground	CAN communication line (+)	Cannot be measured	—
7	—	—	—
8	—	—	—
9 ↔ Chassis ground	UART (meter)	Cannot be measured	—
10 ↔ Chassis ground	Passenger's airbag ON	Passenger's airbag ON indicator (when illuminating)	Less than 1 V
11 ↔ Chassis ground	Passenger's airbag OFF	Passenger's airbag OFF indicator (when illuminating)	Less than 1 V
12 ↔ Chassis ground	Steering switch communication line (+)	Cannot be measured	—