

Control Module I/O Signal

OCCUPANT DETECTION SYSTEM (DIAGNOSTICS)

5. Control Module I/O Signal

A: ELECTRICAL SPECIFICATION

CAUTION:

- Never remove the occupant detection control module, occupant detection sensor and seat frame. They are integrated into one unit.
- Because the measuring of the I/O signal of the occupant detection control module is prohibited, there is no list of terminal numbers.

Terminal name	Terminal No.	Input/Output value	Remarks	
IG – power supply	9	9 — 16 V	When ignition switch ON	
Airbag control module communication (COM)	10	Open collector terminal	Communication line	
Airbag control module communication (GND)	5	0 V	Ground	
Belt tension sensor	(Vcc)	4	0 — 5 V	Belt tension sensor power supply
	(Vout)	16	0.5 — 4.5 V	Sensor output voltage
	(GND)	14	0 V	Sensor ground
Occupant detection sensor	(Vcc)	6	0 — 5 V	Pressure sensor power supply
	(Vout)	7	0.5 — 4.5 V	Sensor output voltage
	(GND)	15	0 V	Sensor ground
Buckle switch	1	0 — IG voltage	IG voltage when the switch is ON	
Buckle switch (GND)	2	0 V	Switch ground	

B: WIRING DIAGRAM

Refer to the electrical wiring diagram. <Ref. to WI-85, Airbag System.>