

## Control Module I/O Signal

### OCCUPANT DETECTION SYSTEM (DIAGNOSTICS)

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## 6. Control Module I/O Signal

### A: ELECTRICAL SPECIFICATION

#### CAUTION:

Never remove the occupant detection control module, occupant detection sensor or seat frame because they are integrated into one unit.

| 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 tensioner 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          | Ignition voltage when switch ON  |
| Buckle switch                       | (GND)  | 2            | 0 V                     | Switch ground                    |

### B: WIRING DIAGRAM

Refer to the electrical wiring diagram. <Ref. to WI-73, Occupant Detection System.>