

Occupant Safety

The seat weight-sensing system responds to the occupancy of the front passenger seat in accordance with Table 1. The advanced restraints system via the RCM, monitors and processes the data from the seat weight-sensing system and several other sensors, before making a deployment decision; refer to the advanced restraints system diagram (fig. 21). The system is designed to take account of several variables in addition to weight, including: seat back angle; inclination of the vehicle; exact position and structure of the weight on the seat.

Service Kit

Individual components of the seat weight-sensing system are not serviceable; the system must be replaced as a complete unit. Due to the sophistication of the weight-sensing system, each replacement system requires calibration. To avoid the need to provide calibration equipment to each dealer, a pre-calibrated service kit assembly is available. The kit has two fixed connectors (A) and a single connector to interface with the vehicle harness. After installation, the system will require initialization by WDS; refer to JTIS for further information.

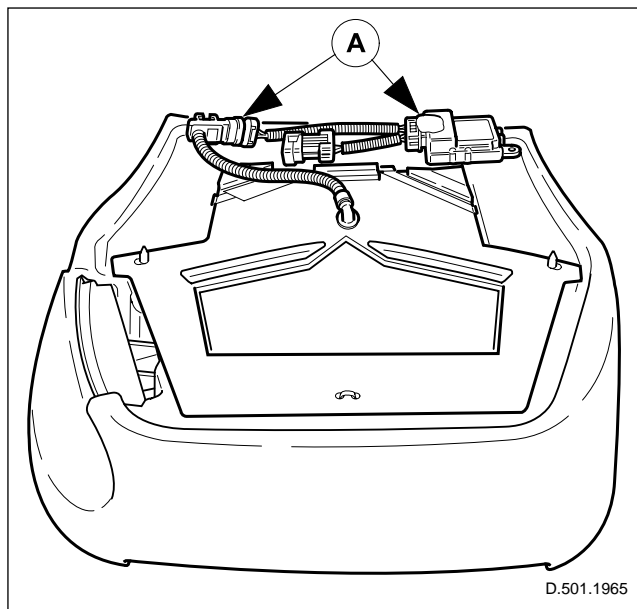


Fig. 29 Passenger seat weight sensing system - service kit

Passenger seat status	Passenger air bag status	Passenger air bag de-activation indicator lamp status
Empty	OFF	OFF
Occupied (small occupant)	OFF	ON
Occupied (large occupant)	ON	OFF

Table 1 Passenger seat occupancy