

# Multifunction Electronic Modules - Driver Door Module (DDM)

Diagnosis and Testing

## Principles of Operation

For a detailed description of the Driver/Passenger door systems and operation, refer to the relevant Description and Operation sections in the workshop manual.

## Inspection and Verification

1. **1.** Verify the customer concern.
2. **2.** Visually inspect for obvious signs of mechanical or electrical damage.

### Visual Inspection

| Mechanical                                                              | Electrical                                                                                                                         |
|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>● Switches/mechanisms</li> </ul> | <ul style="list-style-type: none"> <li>● Fuses</li> <li>● Electrical connectors</li> <li>● Harnesses</li> <li>● Modules</li> </ul> |

3. **3.** If an obvious cause for an observed or reported concern is found, correct the cause (if possible) before proceeding to the next step.
4. **4.** If the cause is not visually evident, check for Diagnostic Trouble Codes (DTCs) and refer to the DTC Index.

## DTC Index

For a list of DTCs that may be logged on this vehicle, refer to the DTC Index in section 100-00.

REFER to: [Diagnostic Trouble Code \(DTC\) Index - DTC: Driver/Passenger Door Module \(DDM/PDM\)](#) (100-00 General Information, Description and Operation).

## Multifunction Electronic Modules - Driver Seat Module (DSM)

Diagnosis and Testing

### Principles of Operation

For a detailed description of the Driver/Passenger seat systems and operation, refer to the relevant Description and Operation sections in the workshop manual.

### Inspection and Verification

1. Verify the customer concern.
2. Visually inspect for obvious signs of mechanical or electrical damage.

#### Visual Inspection

| Mechanical                                                            | Electrical                                                                                                                    |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Switches/mechanisms</li></ul> | <ul style="list-style-type: none"><li>• Fuses</li><li>• Electrical connectors</li><li>• Harnesses</li><li>• Modules</li></ul> |

3. If an obvious cause for an observed or reported concern is found, correct the cause (if possible) before proceeding to the next step.
4. If the cause is not visually evident, check for Diagnostic Trouble Codes (DTCs) and refer to the DTC Index.

### DTC Index

For a list of DTCs that may be logged on this vehicle, refer to the DTC Index in section 100-00.

REFER to: [Diagnostic Trouble Code \(DTC\) Index - DTC: Driver/Passenger Front Seat Module \(DSM/PSM\)](#) (100-00 General Information, Description and Operation).

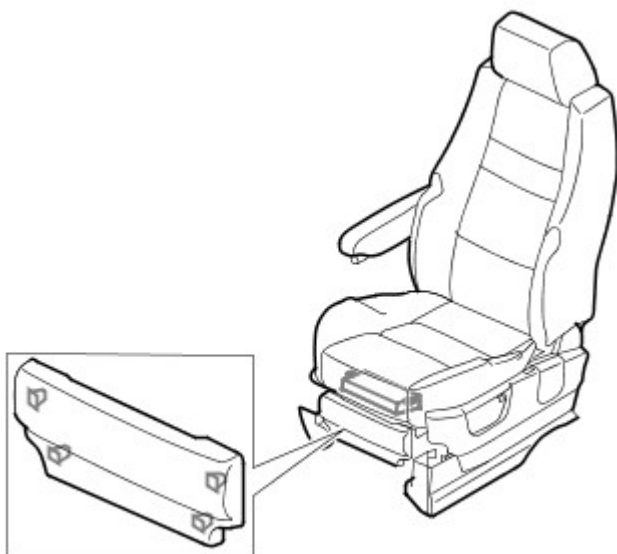
# Multifunction Electronic Modules - Driver Seat Module (DSM)

Removal and Installation

## Removal

1. Remove the front seat cushion front access cover.

- Release the 4 clips.



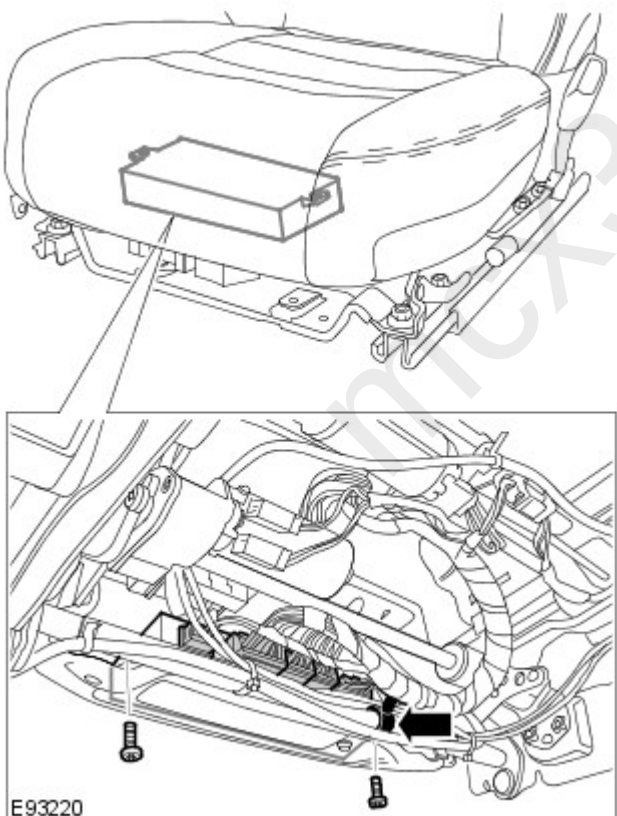
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2.  **CAUTION:** Note of the routing of the wiring harnesses.

- **NOTE:** Raise the seat base for access.

Remove the driver seat module.

- Remove the 2 Torx screws.
- Release the harness clip.
- Disconnect the 5 electrical connectors.



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## Installation

1.  **CAUTION:** Make sure that the wiring harnesses are correctly routed.

Install the driver seat module.

- Connect the electrical connectors.

- Attach the wiring harness clip.
- Install and tighten the Torx screws.

**2.** Install the access cover.

- Secure in the 4 clips.

**3.** If a new module has been installed, carry out initialization.

- Using each adjustment switch in turn, move the seat fully in all directions.

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