

Component Procedures: Entertainment System Control Module

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Component Procedures: Entertainment System Control Module

Multimedia Player Interface Module Replacement (Article 10982)

Callout Component Name

Preliminary Procedures Remove the front floor console. Refer to Front Floor Console Replacement . Remove the front floor console armrest. Refer to Front Floor Console Armrest Replacement . Remove the console compartment power receptacle. Refer to Accessory Power Receptacle Replacement . Remove the USB receptacle. Refer to Audio Player and USB Receptacle Replacement .

Preliminary Procedures

- Remove the front floor console. Refer to Front Floor Console Replacement .
- Remove the front floor console armrest. Refer to Front Floor Console Armrest Replacement .
- Remove the console compartment power receptacle. Refer to Accessory Power Receptacle Replacement .
- Remove the USB receptacle. Refer to Audio Player and USB Receptacle Replacement .

1 Front Floor Console Bolts (Qty: 4) Caution: Refer to Fastener Caution . Tighten 2.5Nm (22 lb in)

2.5Nm (22 lb in)

2 Front Floor Console Upper Trim

3 Multimedia Player Interface Module Procedure Slide the module upwards after disengaging retaining clips.

Disconnect the electrical connectors.

Procedure

- Slide the module upwards after disengaging retaining clips.
- Disconnect the electrical connectors.

Multimedia Player Interface Module Programming and Setup (Article 10746)

Special Tools

EL-49642 - SPS Programming Support Tool

- DO NOT program a control module unless directed to by a service procedure or a service bulletin. If the ECU is not properly configured with the correct calibration software, the ECU will not control all of the vehicle features properly.

- Ensure the programming tool is equipped with the latest software and is securely connected to the data link connector. If there is an interruption during programming, programming failure or ECU damage may occur.

- Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. Install the EL-49642 - SPS Programming Support Tool to maintain system voltage. If not available, connect a fully charged 12 V jumper or booster pack disconnected from the AC voltage supply.

- Turn OFF or disable systems that may put a load on the vehicles battery such as; interior lights, exterior lights (including daytime running lights), HVAC, radio , etc.

- During the programming procedure, follow the SPS prompts for the correct ignition switch position.

- Clear DTCs after programming is complete. Clearing powertrain DTCs will set the Inspection/Maintenance (I/M) system status indicators to NO.

Diagnostic Aids

The Multimedia Player Interface Module is programmed with operational software during manufacturing. If it is verified during the following procedure that the latest calibrations are already programmed in the module, no further action is required. Do not attempt to program the module with the same calibration.

Replace and Program ECU or Reprogram ECU

To program a replacement or an existing ECU, perform the following procedure:

- Install EL-49642 - SPS Programming Support Tool .
- Access the Service Programming System (SPS) and follow the on-screen instructions.
- On the SPS Supported Controllers screen, select Multimedia Player Interface Module – Programming and follow the on-screen instructions.
- At the end of programming, choose the “Clear All DTCs” function on the SPS screen.

Unsuccessful Programming Recovery

In the event of an interrupted or unsuccessful programming event, perform the following steps:

- DO NOT turn the ignition OFF. Ensure that all ECU, DLC and programming tool connections are secure and the TIS terminal operating software is up to date.
- Attempt to reprogram the ECU.
- If the ECU can still not be programmed, turn the ignition OFF for at least one minute.
- Turn the ignition ON and attempt to reprogram the ECU. The ECU should program.
- If the ECU still cannot be programmed, replace the ECU.