

PRODEMAND

2012 Ford Focus 2.0L Eng VIN 2 S

Service Manual: MULTIFUNCTION ELECTRONIC
MODULES - EXCEPT ELECTRIC

Print Date: 1/4/2018

REMOVAL AND INSTALLATION > BODY CONTROL MODULE (BCM) >

REMOVAL

NOTE: Removal steps in this procedure may contain installation details.

WARNING: Before beginning any service procedure in this service information, refer to Safety Warnings in SERVICE INFORMATION General Information. Failure to follow this instruction may result in serious personal injury.

1. Refer to: **Health and Safety Precautions** (HEALTH AND SAFETY PRECAUTIONS).

NOTE: If installing a new BCM, verify at least 2 of the vehicle keys are available prior to carrying out this procedure.

NOTE: For a job aid on programming the BCM; from the **OASIS** tab, select the "Service Tips" tab, then select "BCM Programming" under "Job Aids".

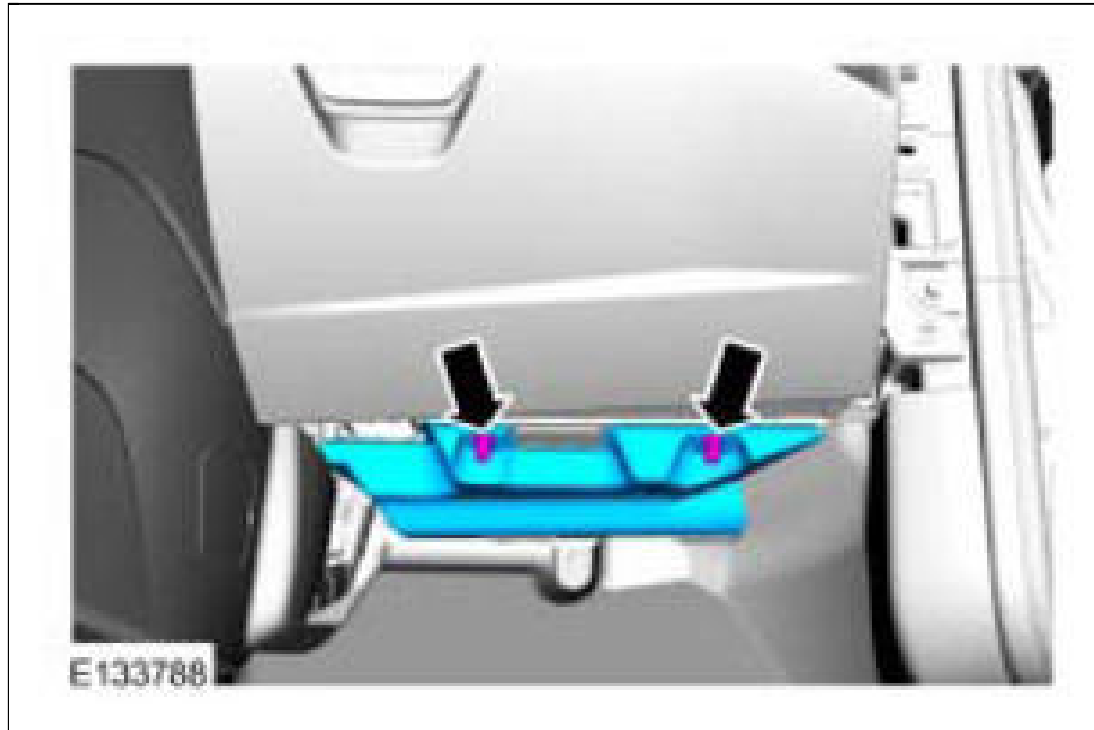
NOTE: If installing a new module, it is necessary to upload the module configuration information to the scan tool prior to removing the module. This information must be downloaded into the new module after installation.

2. Upload the module configuration information from the BCM into the scan tool by following the scan tool on screen instructions. For additional information,

Refer to: **Module Configuration - System Operation and Component Description**
(MODULE CONFIGURATION - SYSTEM OPERATION AND COMPONENT DESCRIPTION).

3. Remove the 2 instrument panel insulator retainers and the instrument panel insulator.

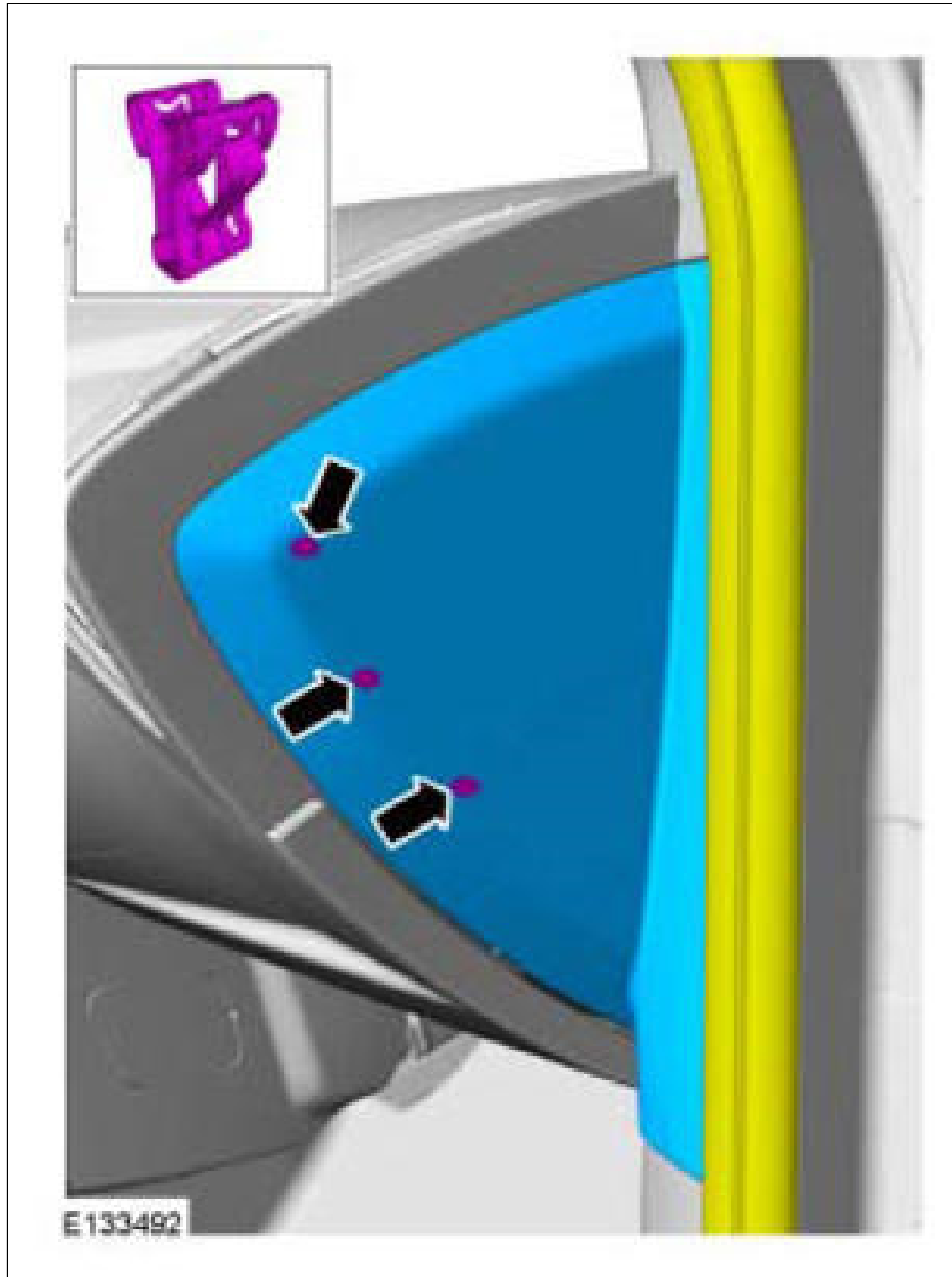
Fig 1: Locating Instrument Panel Insulator Retainers And Insulator



Courtesy of FORD MOTOR CO.

4. Release the 3 RH instrument panel side trim panel clips and remove the side trim panel.

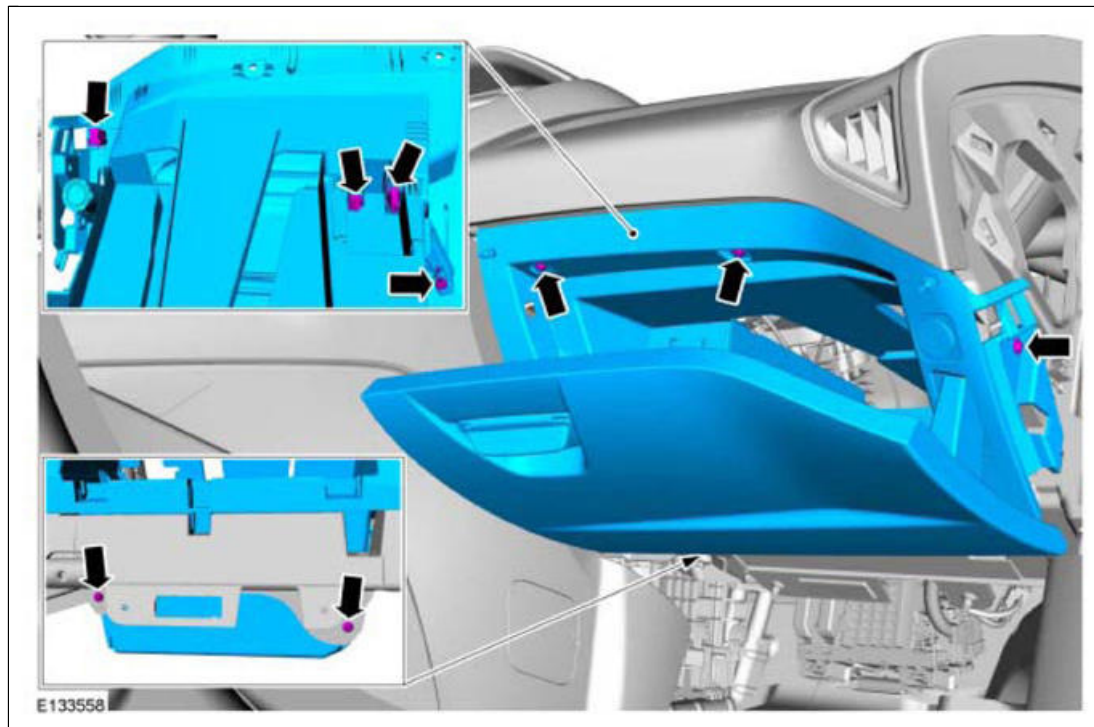
Fig 2: Locating RH Instrument Panel Side Trim Panel Clips



Courtesy of FORD MOTOR CO.

5.

Fig 3: Locating Glove Compartment Screws

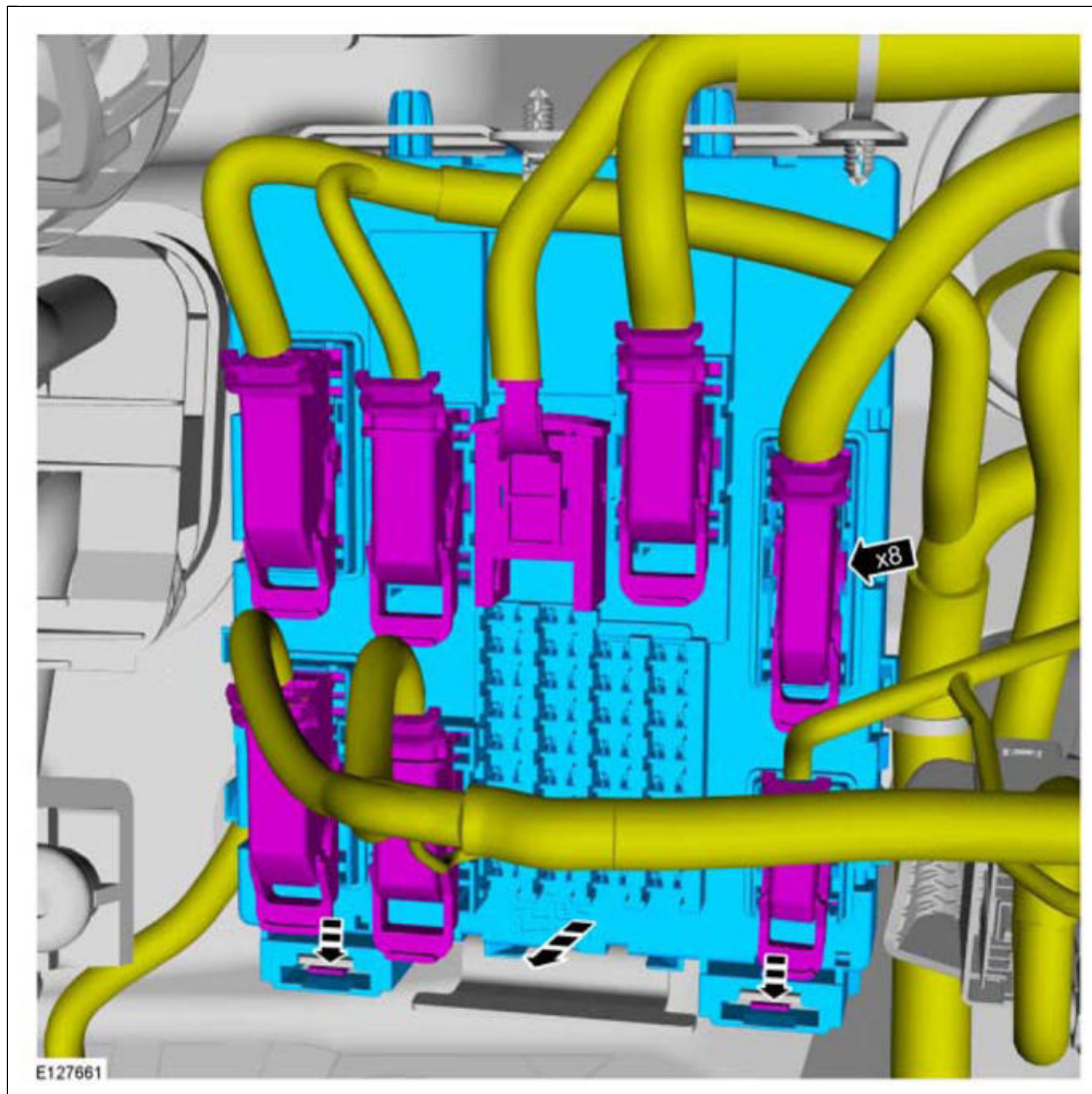


Courtesy of FORD MOTOR CO.

6. Remove the BCM.

7.

Fig 4: Removing BCM



Courtesy of FORD MOTOR CO.

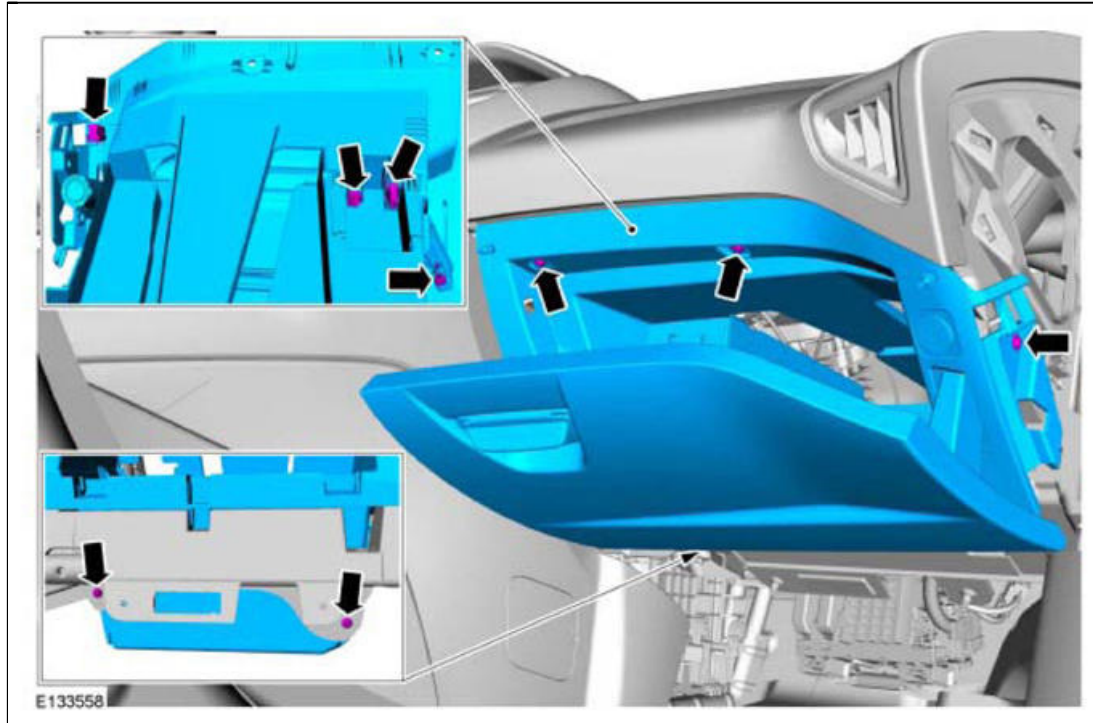
REMOVAL AND INSTALLATION > BODY CONTROL MODULE (BCM) > INSTALLATION

NOTE: If installing a new BCM, the ignition cannot be turned on until a parameter reset is performed and 2 keys are programmed to the vehicle. The BCM still communicates with the scan tool with the ignition off. Use the previous scan tool session or

start a scan tool session using the PCM part number or tear tag number located on the PCM.

1. Install the BCM.
2. Install glove compartment.

Fig 1: Locating Glove Compartment Screws

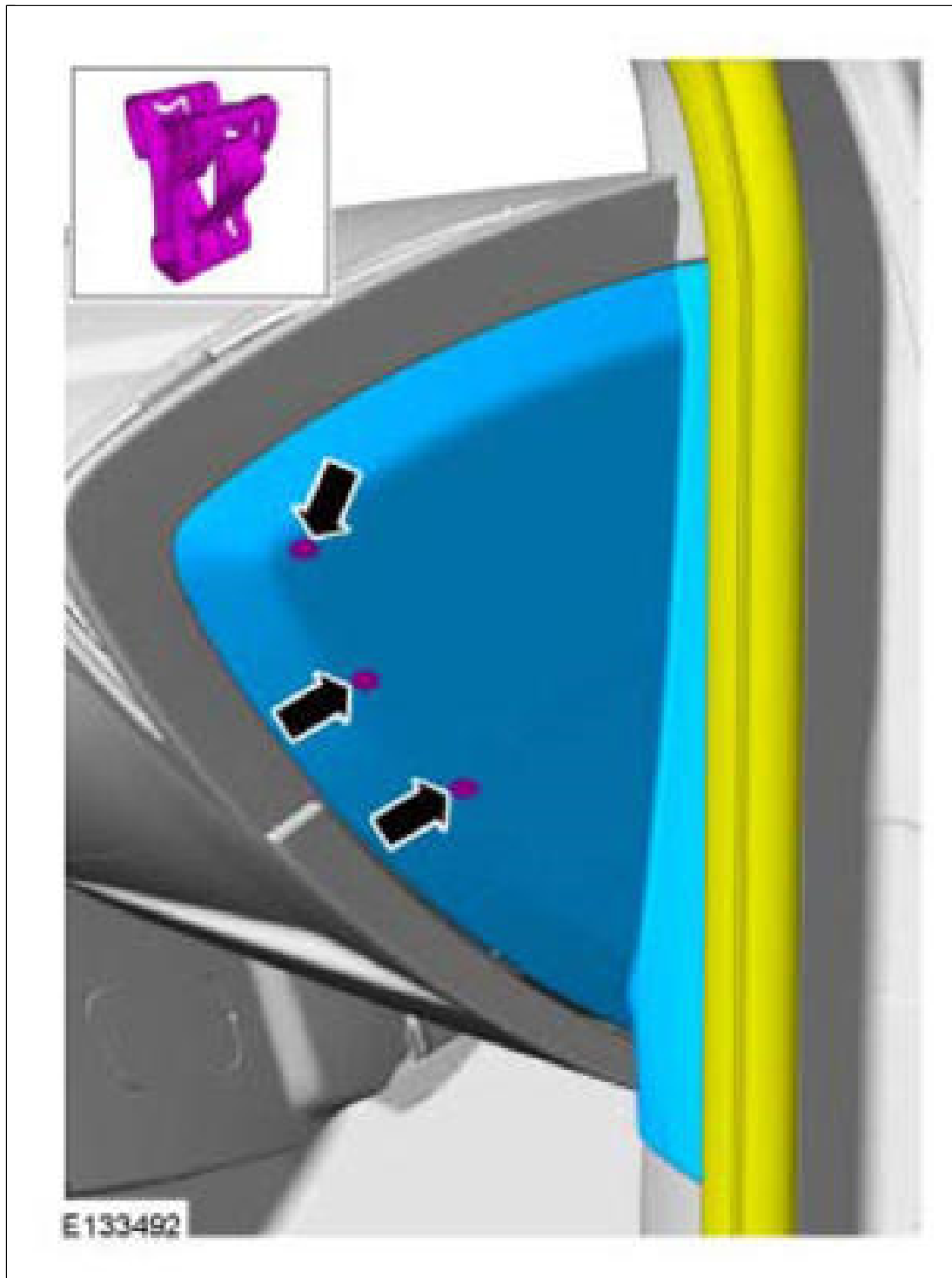


Courtesy of FORD MOTOR CO.

3. Install the RH instrument panel side trim panel.

4.

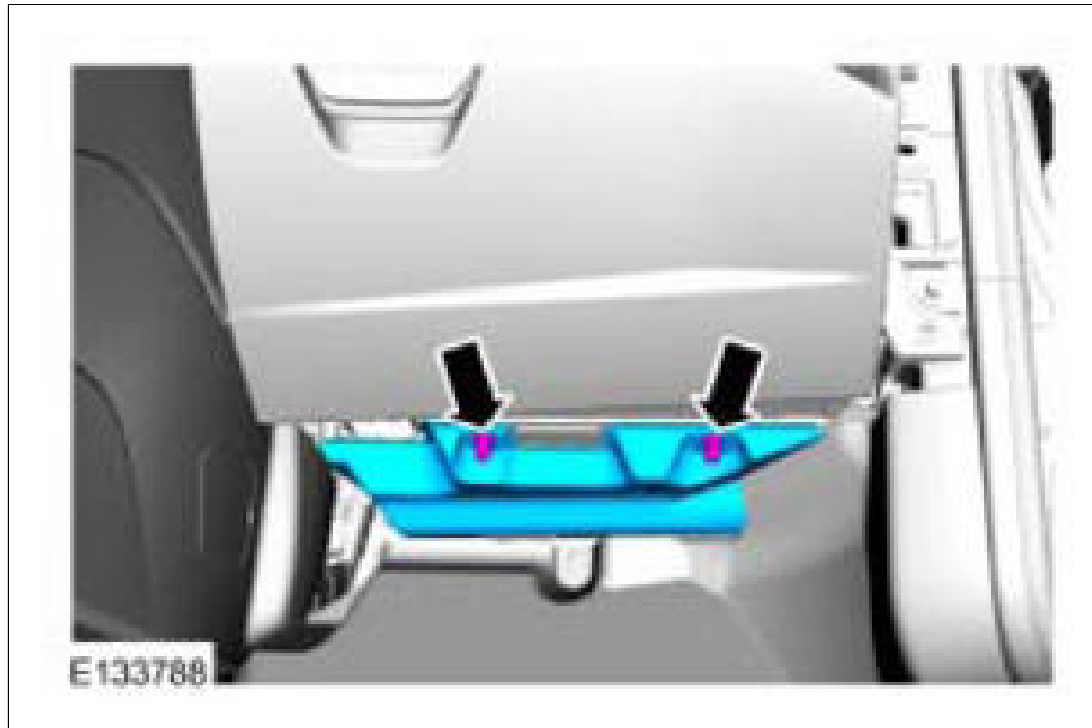
Fig 2: Identifying Rh Instrument Panel Side Trim Panel Screws



Courtesy of FORD MOTOR CO.

5. Install the instrument panel insulator.

Fig 3: Identifying Instrument Panel Insulator Screw



Courtesy of FORD MOTOR CO.

NOTE: Carry out Steps 6 - 13 only if installing a new BCM.

6. Obtain the as-built data from Professional Technician Society (PTS) **OASIS** . Download the as-built data to the scan tool or other storage device, such as a flash drive, following the on-screen instructions.
7. Using the previous scan tool session, carry out the Programmable Module Installation (PMI) procedure for the BCM.
8. For vehicles without intelligent access, remove the key from the ignition until Step 9. For vehicles with intelligent access, turn the ignition OFF and leave it OFF until Step 9.
9. Using the scan tool, select Tool Box/Module Programming/Programmable Parameters/Car Configuration Parameter(s)/Vehicle Configuration/Retrieve Professional Technician Society (PTS) Derived As-built Data. Follow the on-screen instructions to install the as-built data into the BCM.
10. Carry out the parameter reset. Refer to PASSIVE ANTI-THEFT SYSTEM (PATS) PARAMETER RESET or PASSIVE ANTI-THEFT SYSTEM (PATS) PARAMETER RESET (Push Button Start)

11. Carry out the key programming procedure. Refer to KEY PROGRAMMING USING DIAGNOSTIC EQUIPMENT or KEY PROGRAMMING USING TWO PROGRAMMED KEYS (Push Button Start)
12. To configure the customer preference programmable parameters.

Refer to: **Module Configuration - System Operation and Component Description**
(MODULE CONFIGURATION - SYSTEM OPERATION AND COMPONENT DESCRIPTION).

13. Train the tire pressure sensors. Refer to TIRE PRESSURE MONITORING SYSTEM
14. Carry out the BCM self-test (must include an on-demand self-test) and then repeat the self-test to confirm all Diagnostic Trouble Codes (DTCs) have been cleared.