

Powertrain Control Module (PCM)

Removal

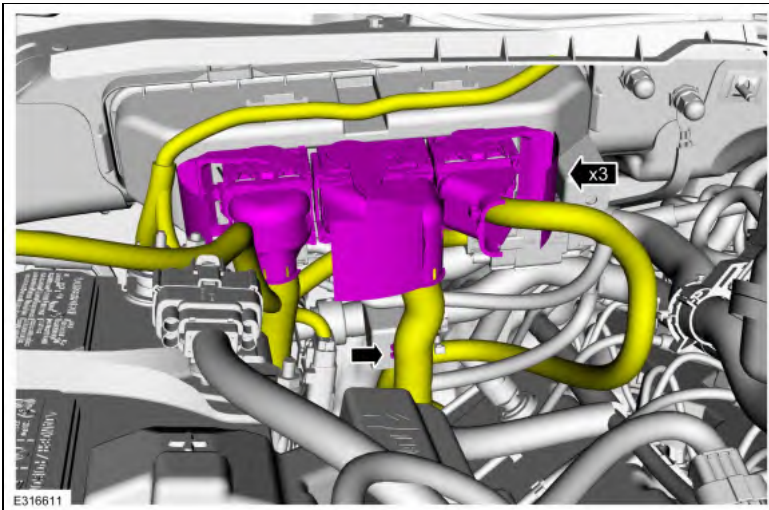
NOTE: Removal steps in this procedure may contain installation details.

1. **NOTE:** This step is only necessary when installing a new component.

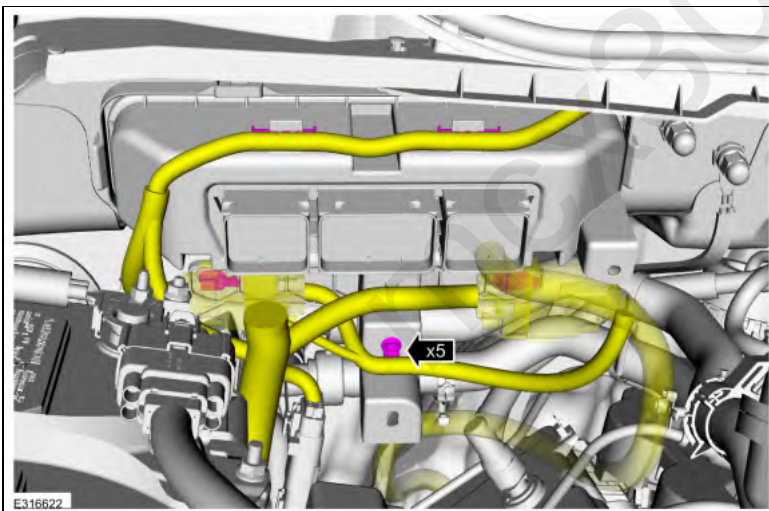
Download the module information to the diagnostic tool using the Programmable Modules Installation routine.

Refer to: Module Configuration - System Operation and Component Description (418-01 Module Configuration, Description and Operation).

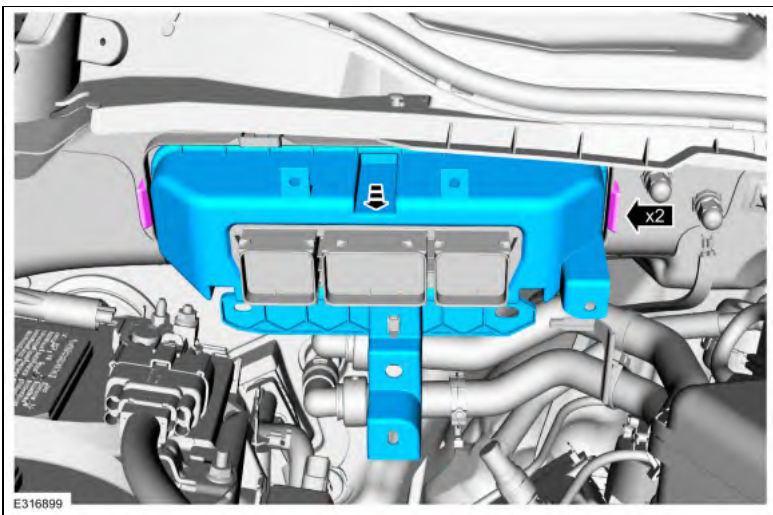
2. Disconnect the PCM electrical connectors, release the harness retainers to position aside wire harness.



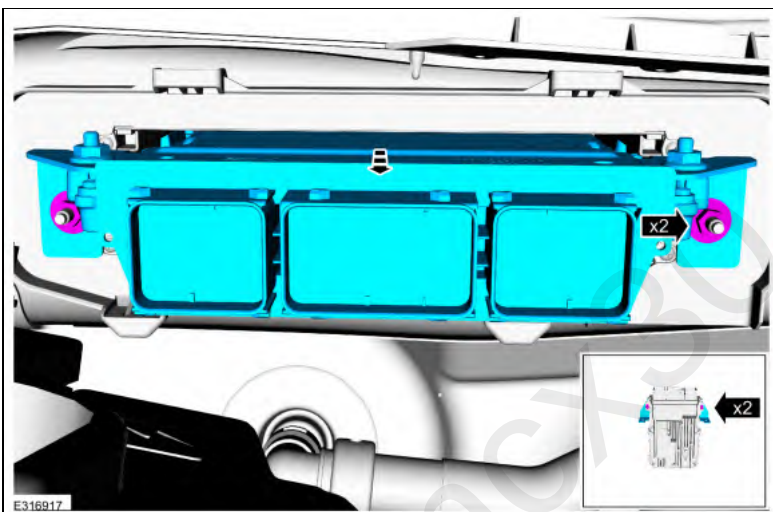
3. Remove the harness pushpin retainers and position the harness aside.



4. Release the tabs and remove the PCM cover.



5.
 1. Remove the nuts and the PCM.
Torque: 89 lb.in (10 Nm)
 2. Remove the mounting bracket from the PCM.
Torque: 62 lb.in (7 Nm)



Installation

1. To install, reverse the removal procedure.
2. **NOTE:** This step is only necessary when installing a new component.

Upload the module information from the diagnostic tool using the Programmable Modules Installation routine.
Refer to: Module Programming (418-01 Module Configuration, General Procedures).
3. **NOTE:** This step is only necessary when installing a new component.

Carry out the Parameter Reset procedure.
Refer to: Anti-Theft Key Programming - Scan Tool (419-01B Passive Anti-Theft System (PATS), General Procedures).
4. **NOTE:** This step is only necessary when installing a new component.

Using the scan tool, perform the Misfire Monitor Neutral Profile Correction procedure, following the on-screen instructions.

