

Cruise Control Module (CCM)

Removal

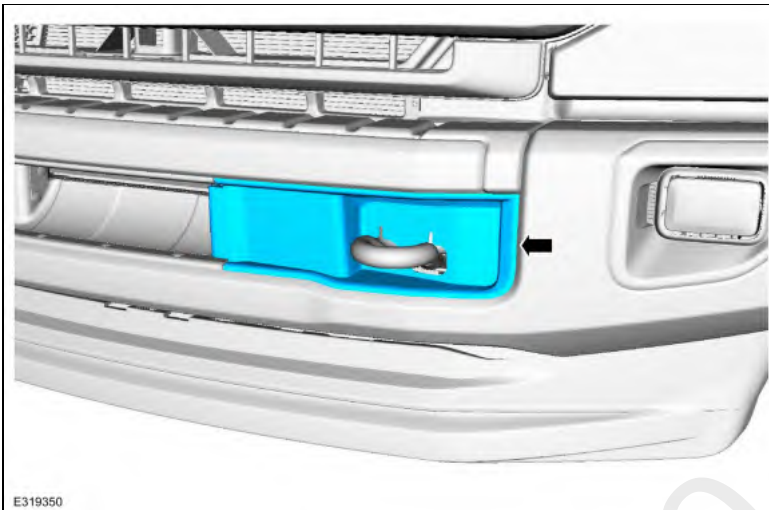
Cruise control module (CCM)

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

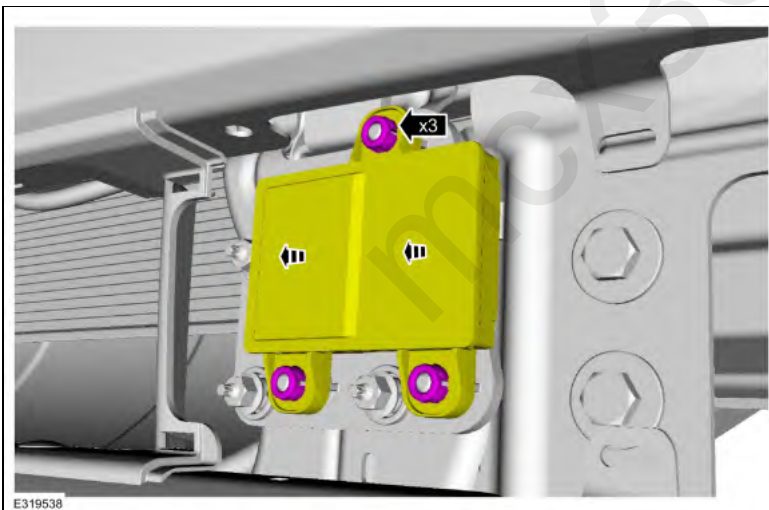
1. **NOTE:** If installing a new CCM (cruise control module), it is necessary to upload the module configuration information to the scan tool prior to removing the module. This information must be downloaded into the new CCM (cruise control module) after installation.

Using a diagnostic scan tool, begin the PMI process for the CCM following the onscreen instructions.

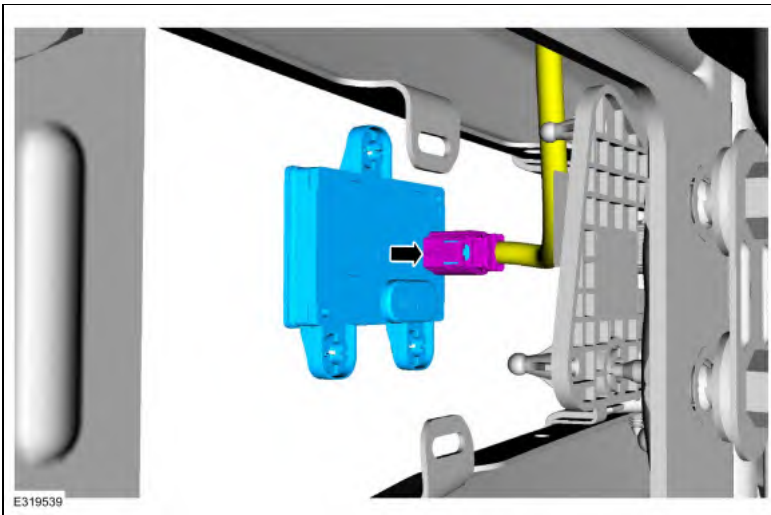
2. Remove the CCM cover.



3. Release the CCM grommets from CCM base bracket ball studs. Position out the CCM.

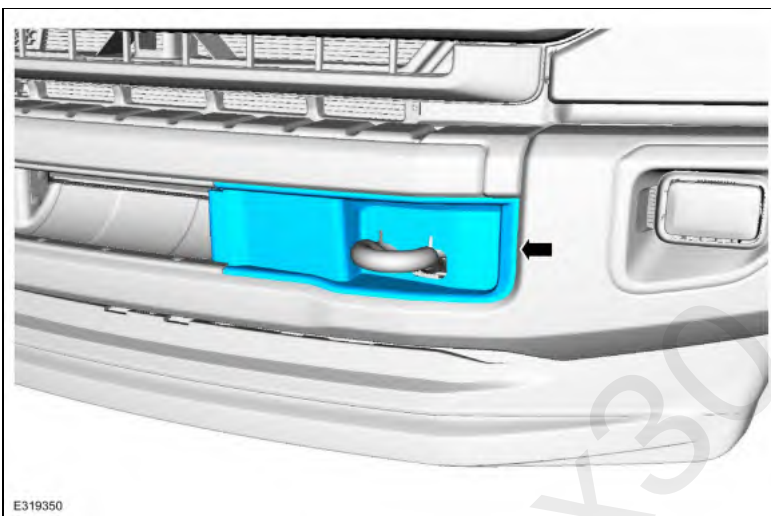


4. Disconnect the CCM electrical connector and remove the CCM.

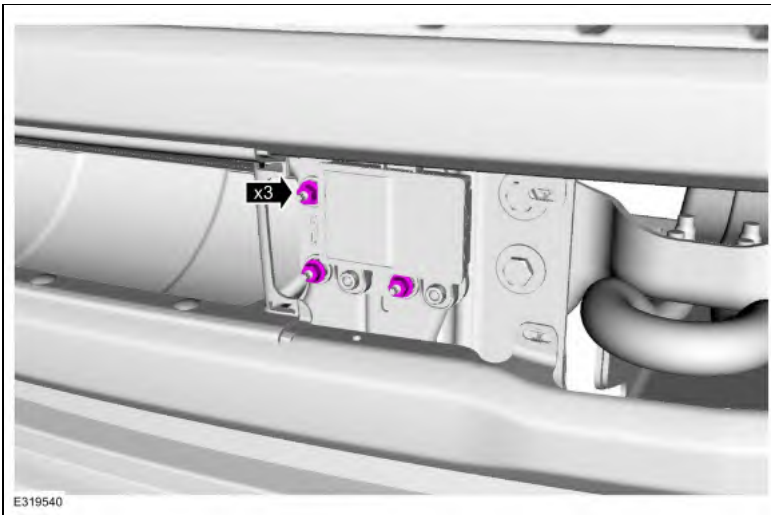


CCM (cruise control module) and base bracket

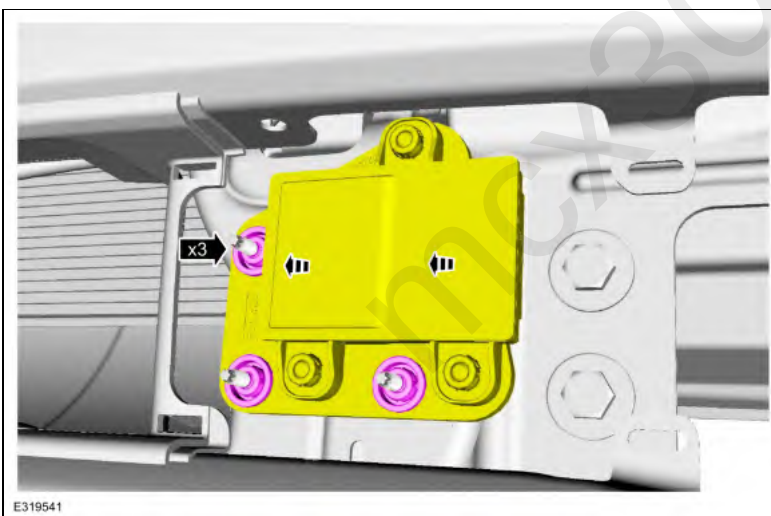
5. Remove the CCM cover.



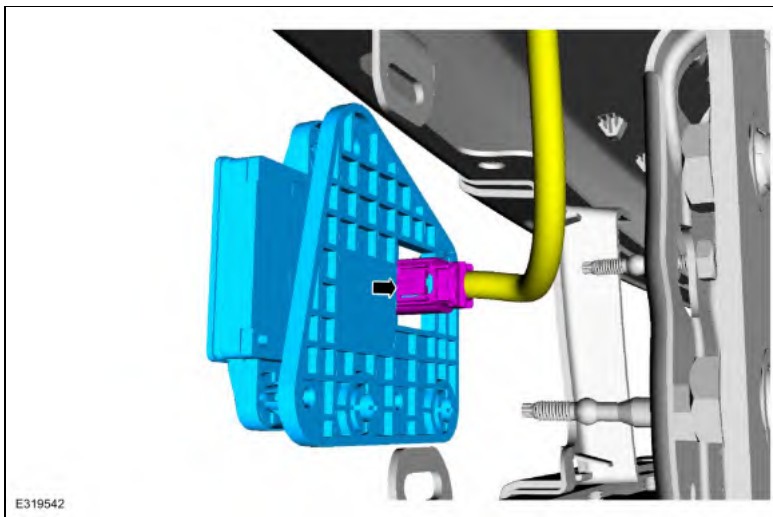
6. Remove the CCM nuts.
Torque: 17 lb.in (1.9 Nm)



7. Release the CCM base bracket grommets from the front bumper ball studs. Position out the CCM and base bracket.



8. Disconnect the CCM electrical connector and remove the CCM and base bracket.



Installation

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

Using a diagnostic scan tool, complete the PMI process for the CCM following the on-screen instructions.

3. Align the CCM.
Refer to: Cruise Control Radar Alignment (419-03B Cruise Control - Vehicles With: Adaptive Cruise Control, General Procedures).