Cruise Control Radar Alignment

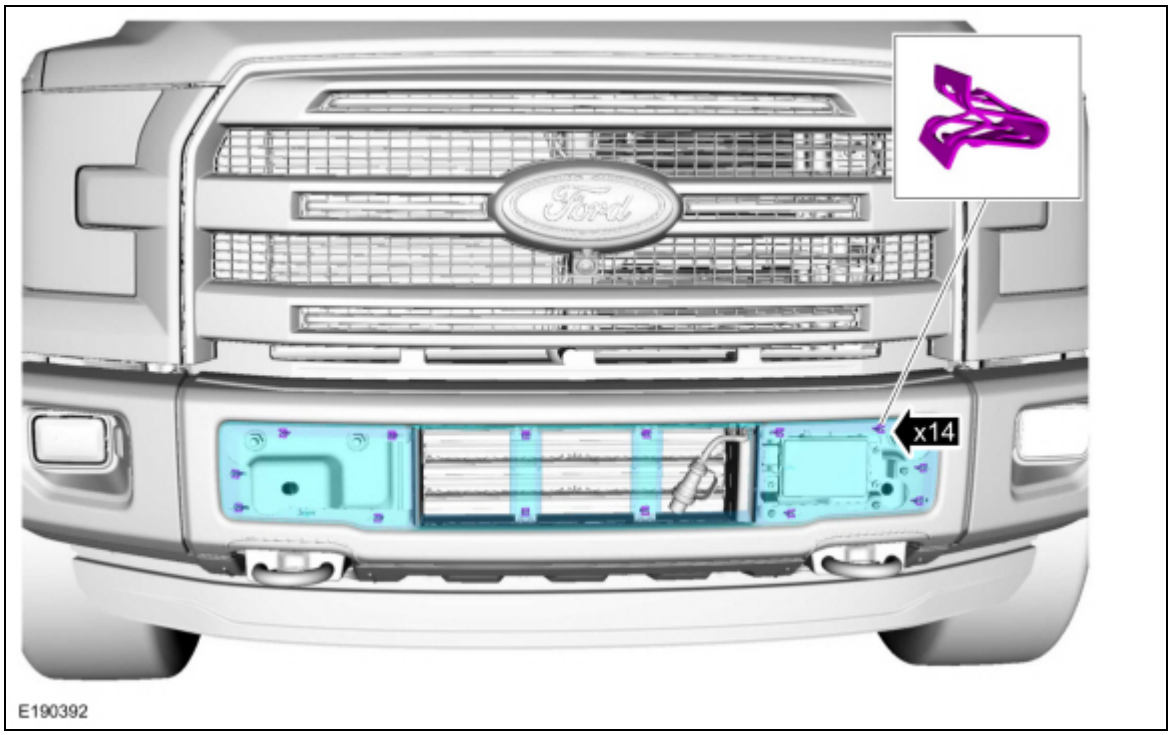
Adjustment

Vertical Alignment

NOTE: *In order to align the CCM, the front bumper trim panel must be removed to access the sensor and the vehicle must be in a wheel alignment bay station so that the vehicle is level.*

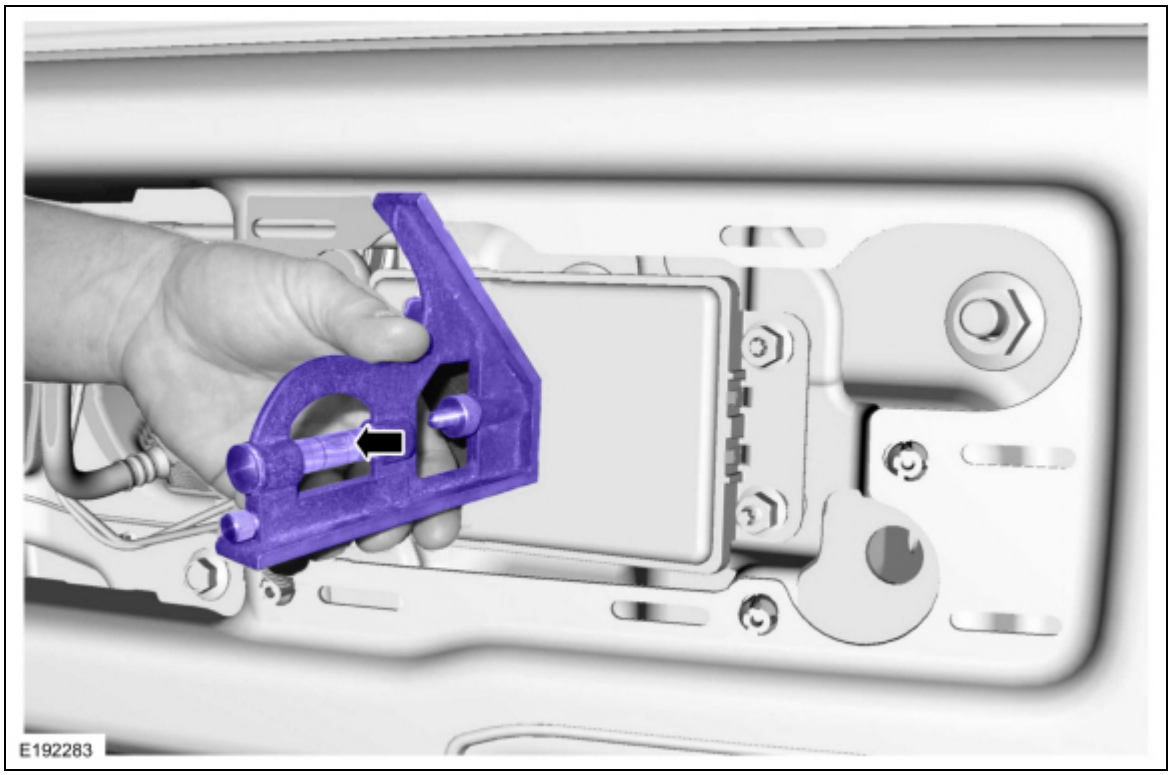
NOTE: *Damage to the CCM bracket may affect correct alignment. When aligning the CCM, inspect the CCM bracket for damage and repair as necessary before carrying out the alignment procedure.*

1. Remove the front bumper trim panel.

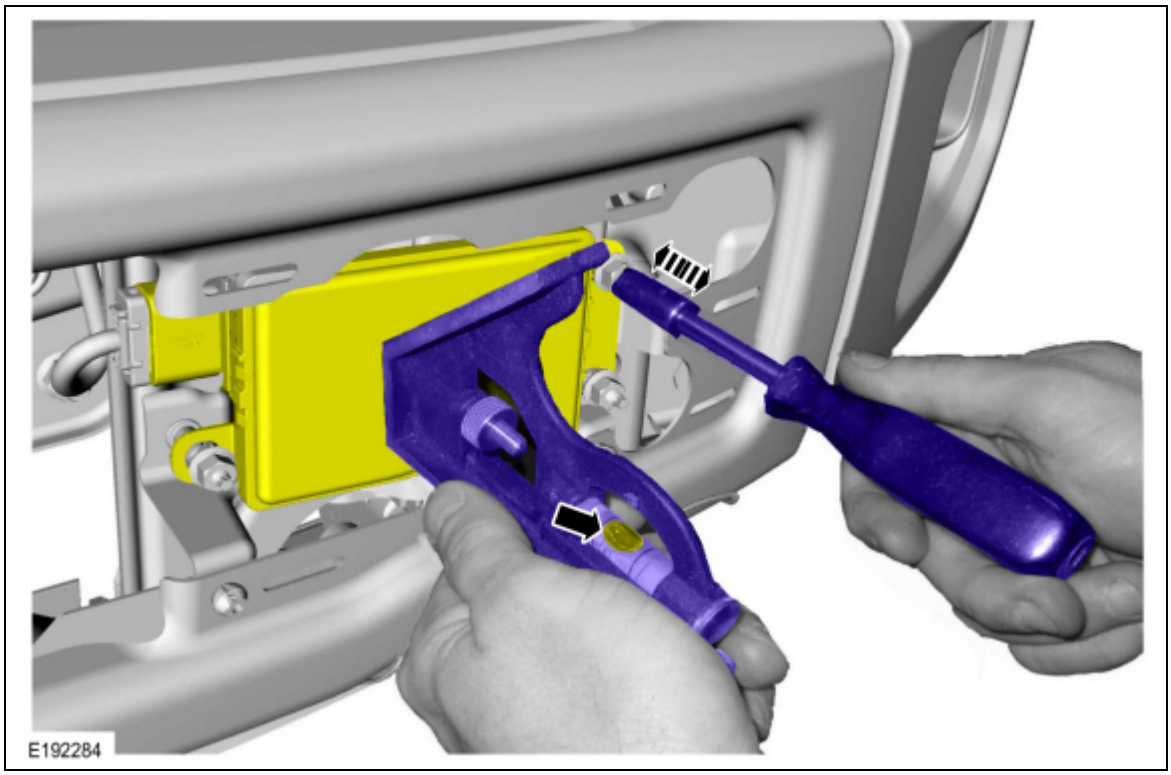


2. Place the vehicle on a wheel alignment bay station.
3. Locate the CCM alignment screw.

4. Place a combination square level on the face of the CCM and check the alignment.



5. Keeping the combination square level on the face of the CCM, adjust the pitch by using an E15 Torx® socket to adjust the screw until the CCM is vertical and level.



6. Install the front bumper trim panel.

Horizontal Alignment

NOTE: *The horizontal alignment for the CCM is a software calibration that checks that the radar is pointed straight. No manual adjustment is needed for this procedure. The scan tool calibrates the CCM through the CCM procedure in programmable parameters.*

7. **NOTICE: The vehicle's engine must be running during the horizontal alignment procedure. Failure to leave the engine running throughout the entire procedure results in the cancellation of the alignment procedure and the system remains non-functional.**

   Start the engine.

8. **NOTE:** *DTCs in the ABS and PCM modules can prevent the calibration from completing.*

   Follow the scan tool on-screen instructions to carry-out the CCM calibration procedure located in IDS under Toolbox > Electrical > Cruise Control > CCM Calibration.