

## REMOVAL AND INSTALLATION

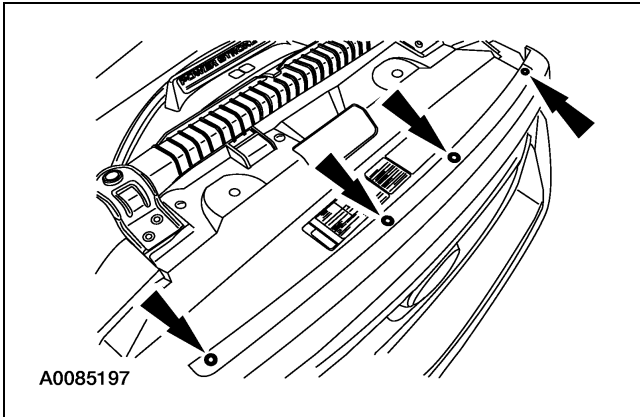
### Auxiliary Transmission Fluid Cooler — Oil-to-Air Fluid Cooler, TorqShift, F-Super Duty

#### Material

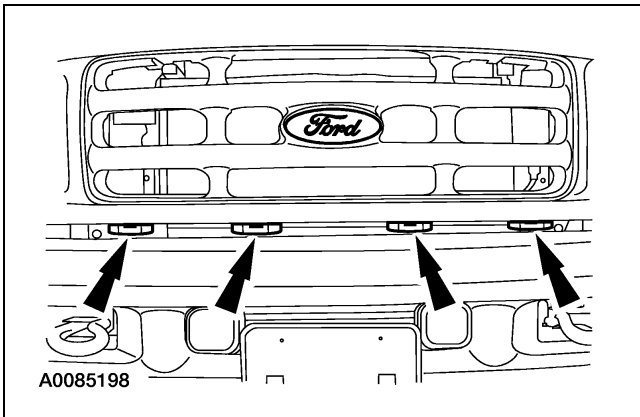
Item	Specification
Motorcraft MERCON® Multi-Purpose (ATF) Transmission Fluid XT-6-QSP	MERCON®SP

#### Removal

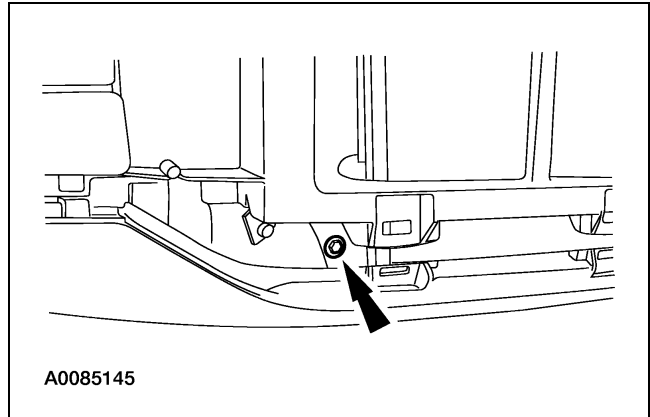
1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to Section 100-02.
2. Remove the four upper grille screws.



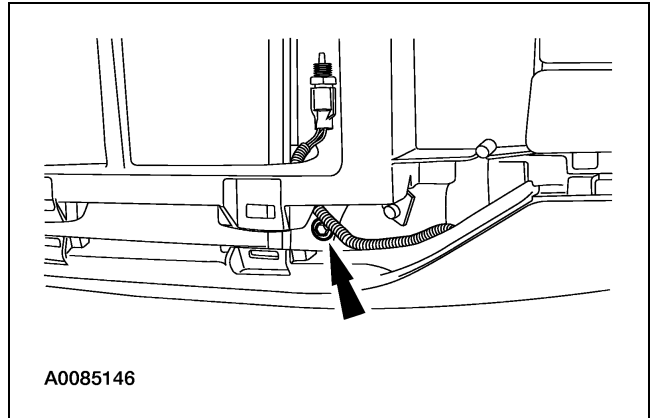
3. Remove the lower retaining clips and remove the grille.



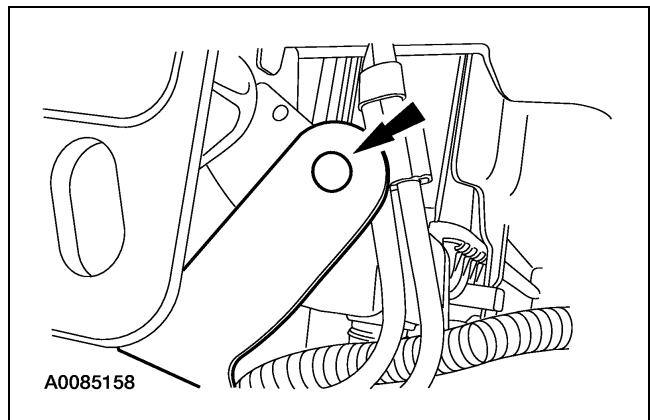
4. Remove the LH upper auxiliary transmission fluid cooler retaining bolts.



5. Remove the RH upper auxiliary transmission fluid cooler retaining bolts.

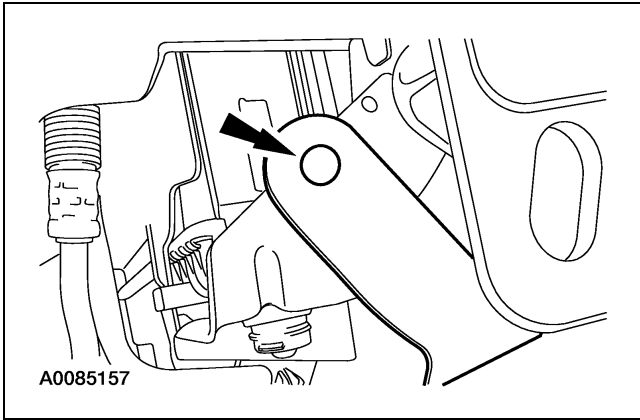


6. Disconnect the LH lower splash shield push pin.

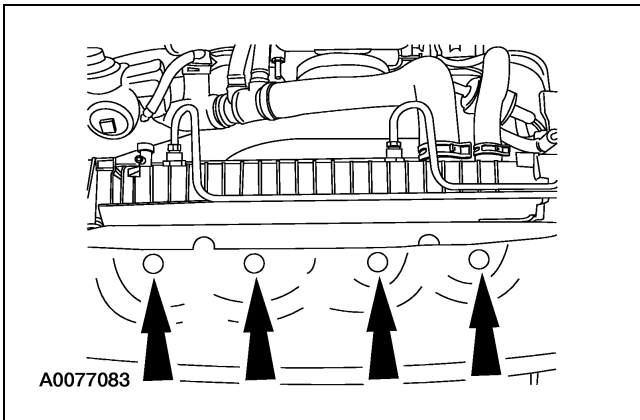


**REMOVAL AND INSTALLATION (Continued)**

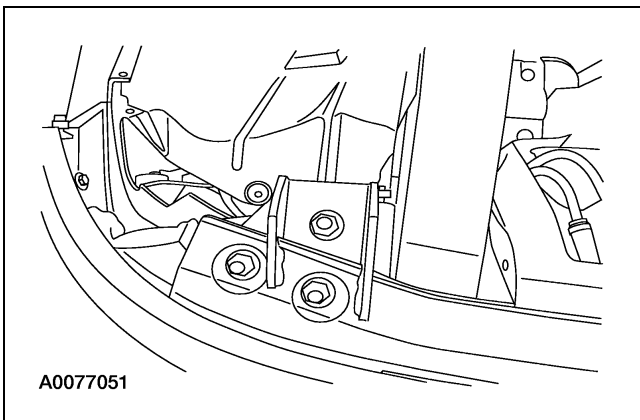
7. Disconnect the RH lower splash shield push pin.



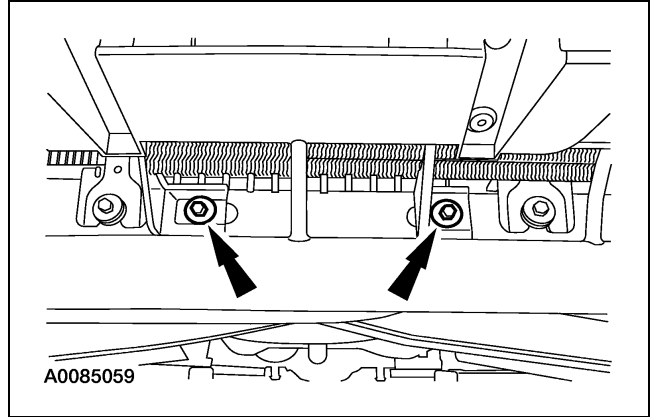
8. Remove the four lower splash shield push pins.



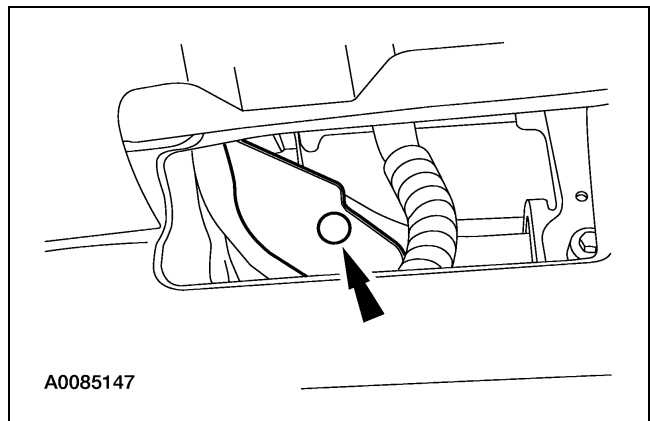
9. If equipped, remove the six retainers and remove the lower bumper filler.



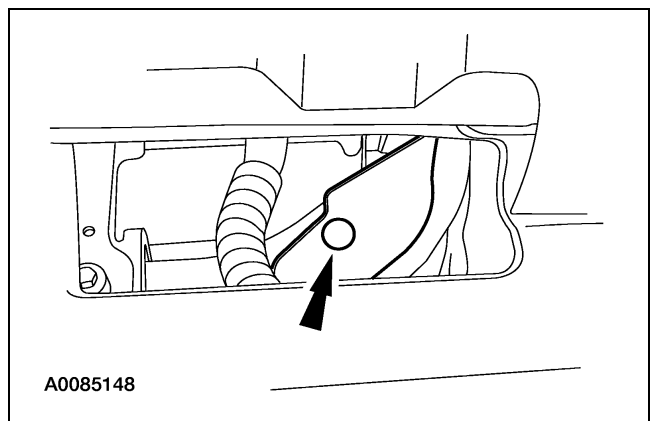
10. If equipped, remove the power steering cooler retaining bolts and position the power steering cooler out of the way.



11. Disconnect the LH lower splash shield push pin to gain access to the A/C condenser bracket.

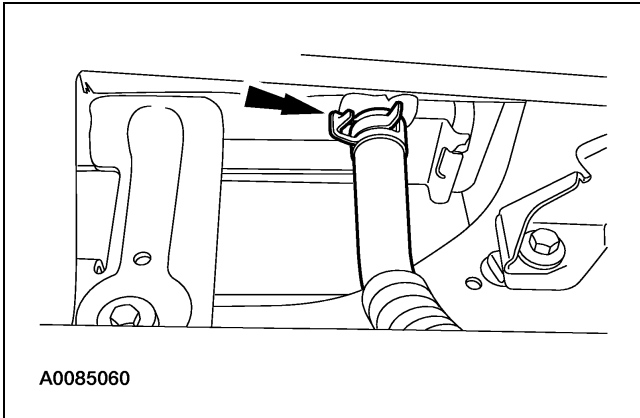


12. Disconnect the RH lower splash shield push pin to gain access to the A/C condenser bracket.

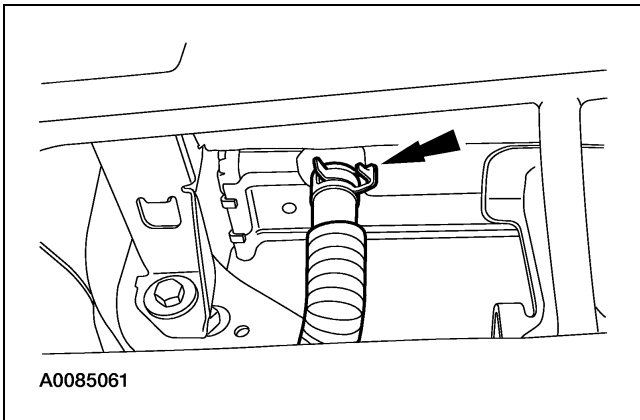


**REMOVAL AND INSTALLATION (Continued)**

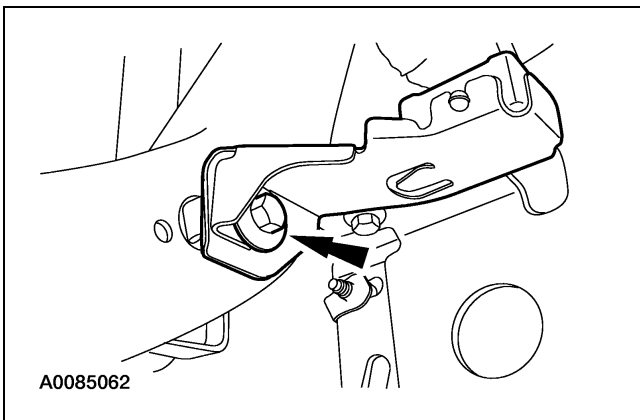
13. Disconnect the LH auxiliary transmission fluid cooler hose.



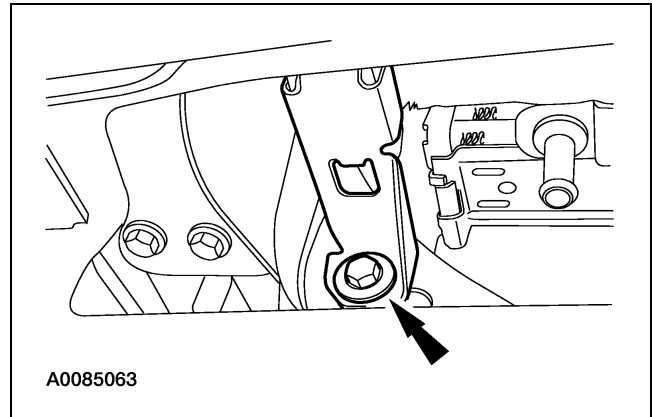
14. Disconnect the RH auxiliary transmission fluid cooler hose.



15. Remove the LH lower A/C condenser bracket.



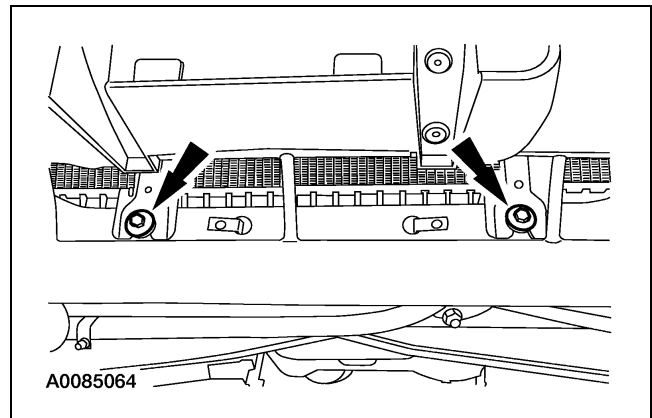
16. Remove the RH lower A/C condenser bracket.



17. **NOTE:** The auxiliary transmission fluid cooler must be lifted up off the lower frame and moved toward the front of the vehicle so the lower brackets can clear the frame.

**NOTE:** It is necessary to move the A/C condenser toward the front of the vehicle to remove the auxiliary transmission fluid cooler.

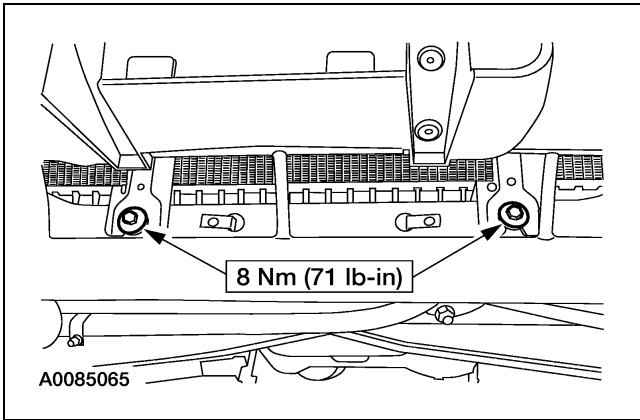
Remove the bolts and the auxiliary transmission fluid cooler.



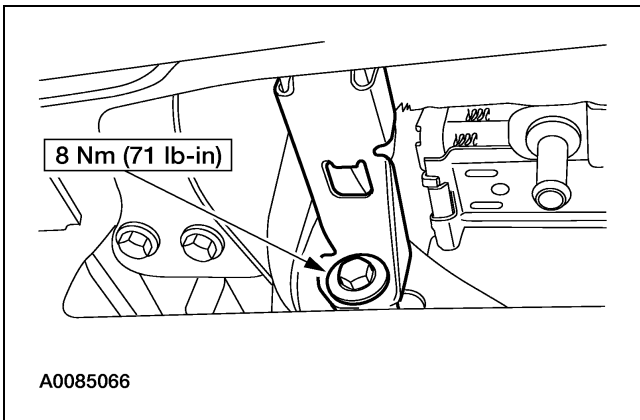
### REMOVAL AND INSTALLATION (Continued)

#### Installation

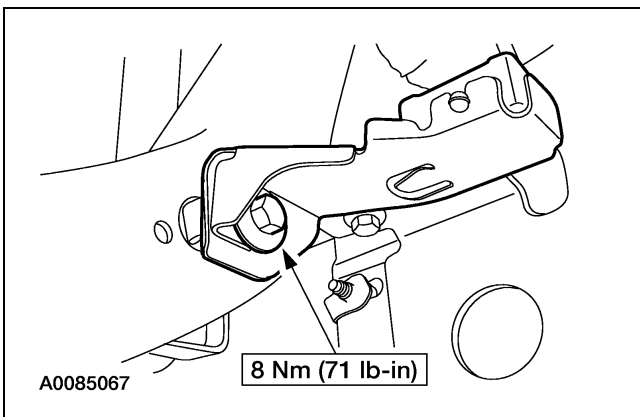
1. **NOTE:** It is necessary to move the A/C condenser toward the front of the vehicle to install the auxiliary transmission fluid cooler. Install the auxiliary transmission fluid cooler and the bolts.



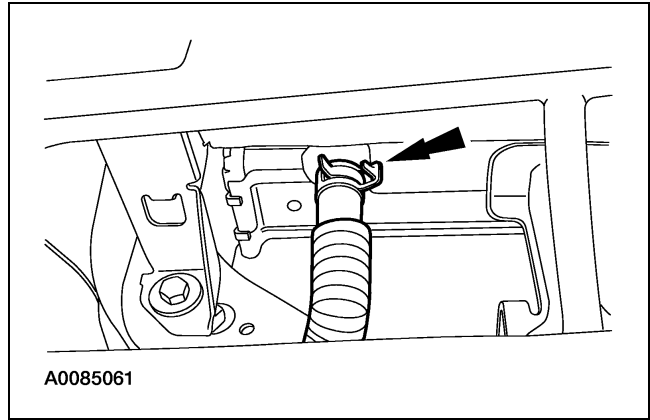
2. Install the RH lower A/C condenser bracket.



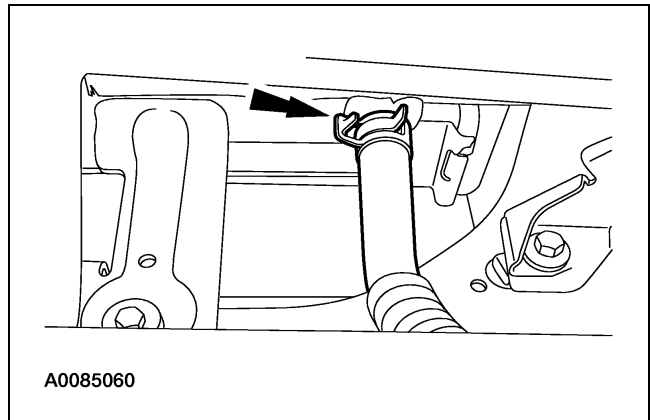
3. Install the LH lower A/C condenser bracket.



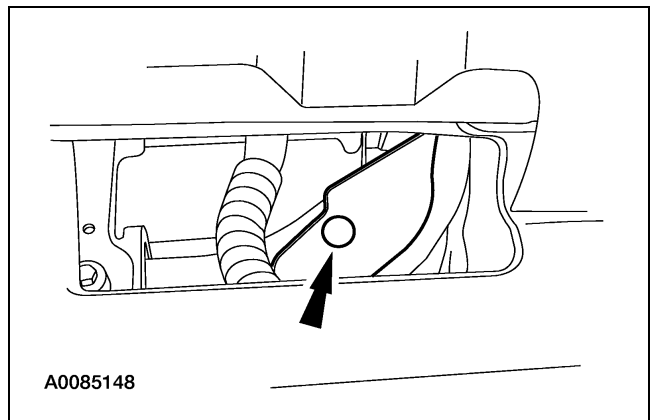
4. Connect the RH auxiliary transmission fluid cooler hose.



5. Connect the LH auxiliary transmission fluid cooler hose.

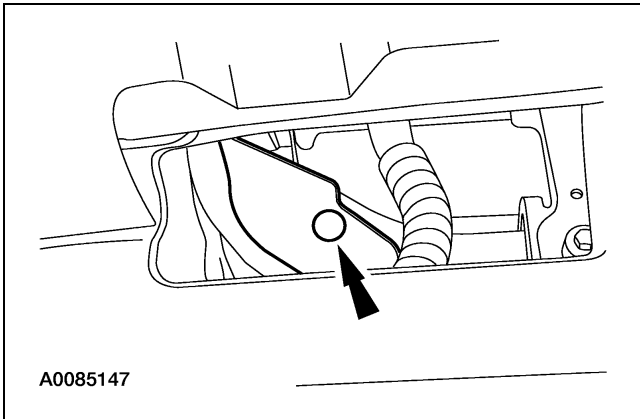


6. Connect the RH lower splash shield push pin.

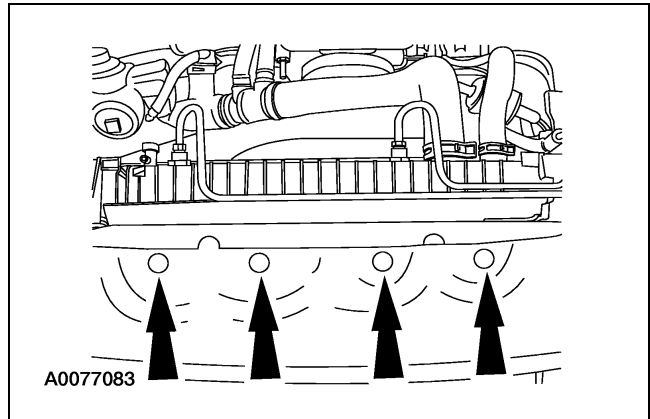


**REMOVAL AND INSTALLATION (Continued)**

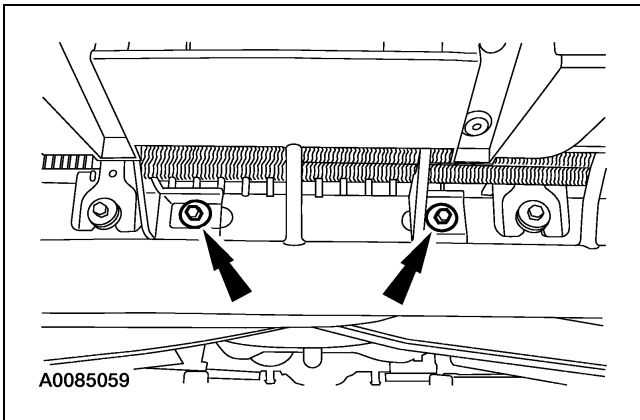
7. Connect the LH lower splash shield push pin.



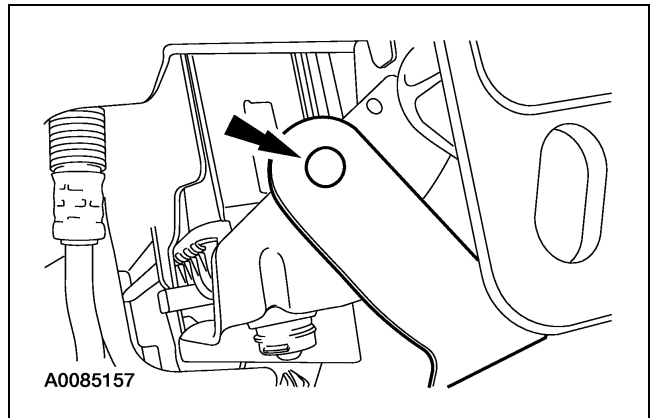
10. Install the four lower splash shield push pins.



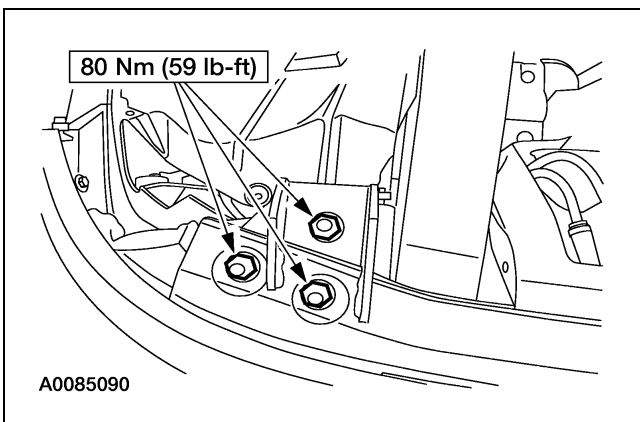
8. If equipped, install the power steering cooler and install the retaining bolts.



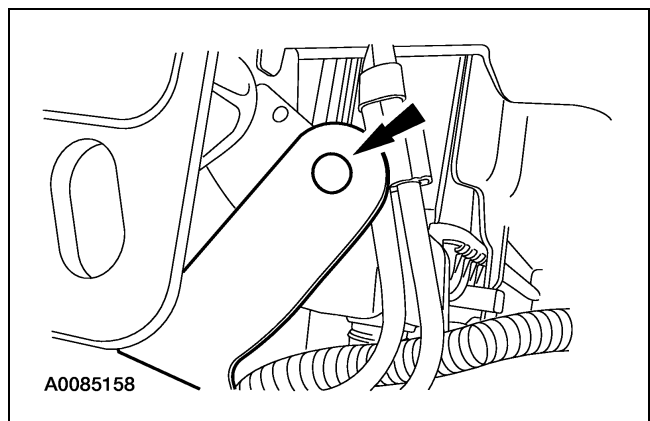
11. Connect the RH lower splash shield push pin.



9. If equipped, install the lower bumper filler and the six retainers.

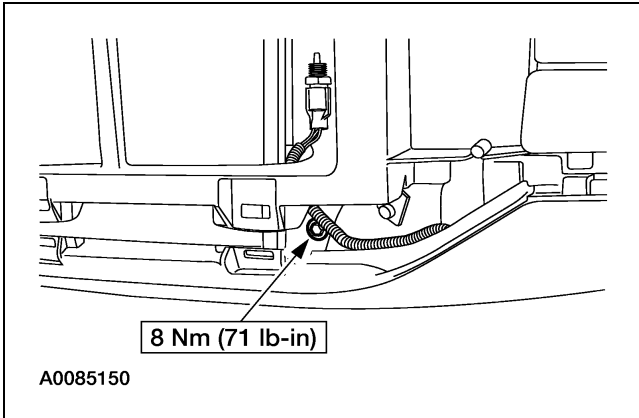


12. Connect LH lower splash shield push pin.

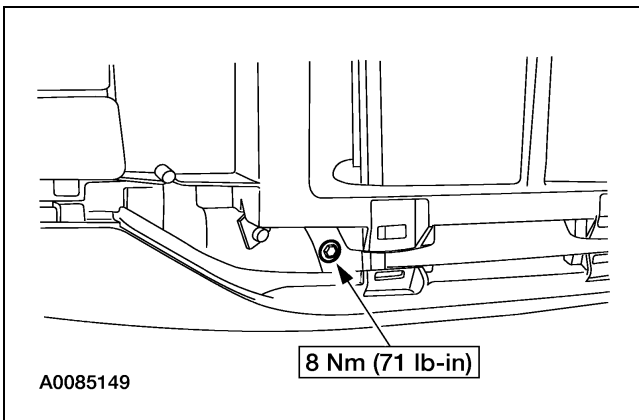


**REMOVAL AND INSTALLATION (Continued)**

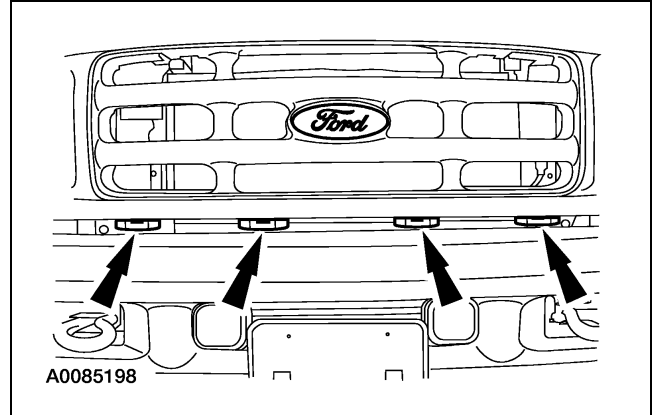
13. Install the RH upper auxiliary transmission fluid cooler retaining bolts.



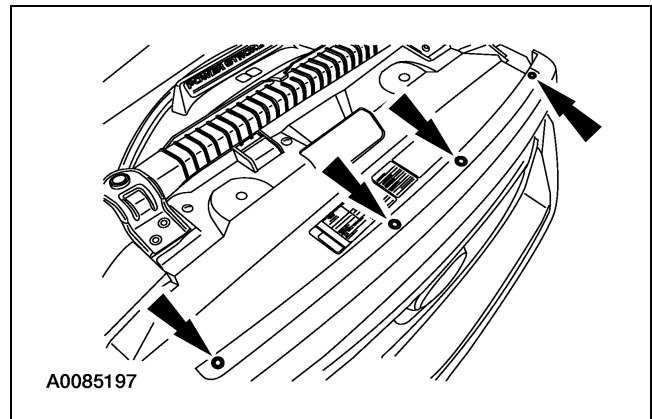
14. Install the LH upper auxiliary transmission fluid cooler retaining bolts.



15. Install the grille into the four lower retaining clips.



16. Install the four upper grille screws.



17. Fill to correct level with clean automatic transmission fluid.