

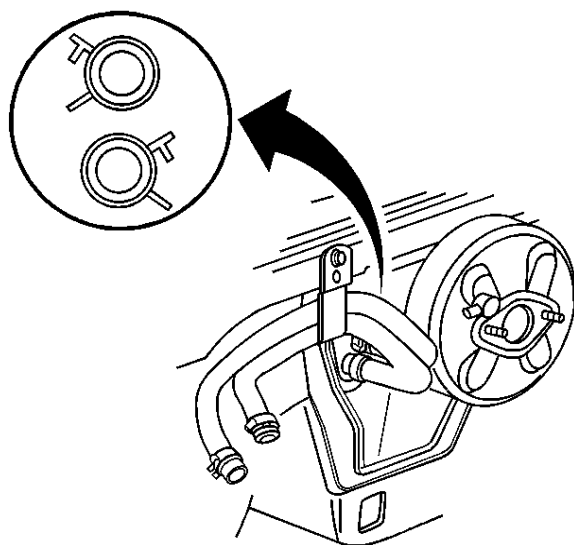
## Heater Core Replacement

### Tools Required

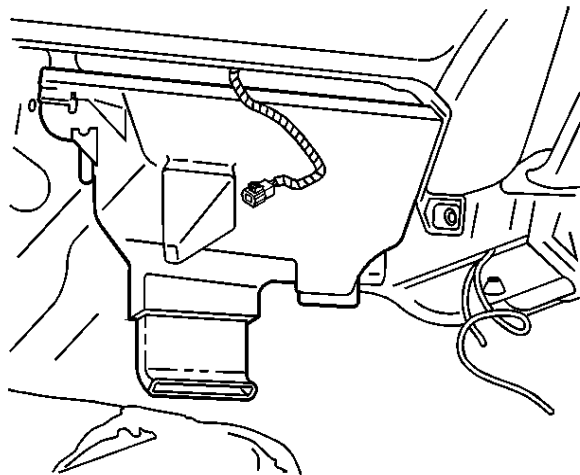
[J 38185](#) Hose Clamp Pliers

### Removal Procedure

1. Remove the fuel injector sight shield (3.8L only). Refer to [Fuel Injector Sight Shield Replacement](#) in Engine Mechanical-3.8L.
2. Drain the coolant. Refer to [Cooling System Draining and Filling](#) in Engine Cooling.

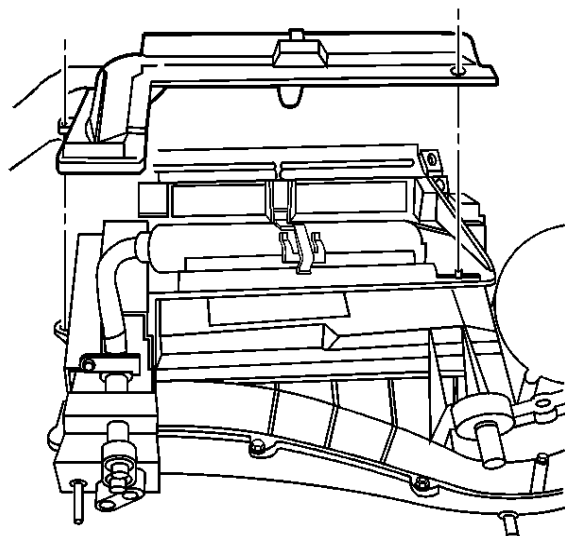


3. Use [J 38185](#) in order to position aside the heater hose inlet and outlet clamps at the heater core.
4. Disconnect the inlet and outlet heater hose from the heater core.
5. Remove the vacuum tank. Refer to [Vacuum Tank Replacement](#) in HVAC System - Manual.
6. Remove the floor carpet. Refer to [Front Floor Panel Carpet Replacement](#) in Interior Trim.
7. Remove the rear floor air outlet duct from the holes in the floor reinforcement.
8. Disconnect the rear floor air outlet duct from the heater core outlet cover.
9. Remove the bolts from the vacuum harness bracket and position bracket aside.

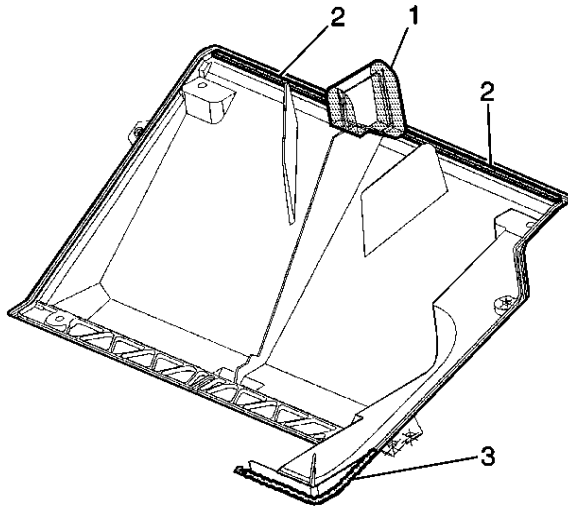


**Important:** Position the heater core outlet cover downward and rearward in order to disconnect the cover from the rear area floor duct assembly.

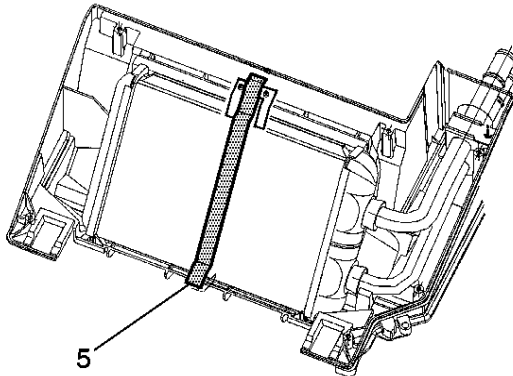
10. Remove the heater core outlet cover screws.
11. Remove the heater core outlet cover.



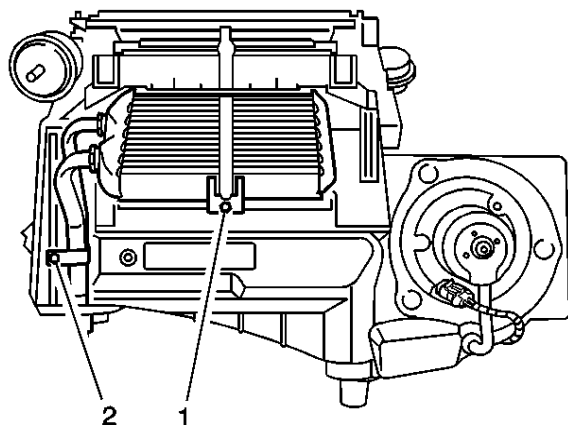
12. Remove the heater core cover screws.
13. Remove the heater core cover.



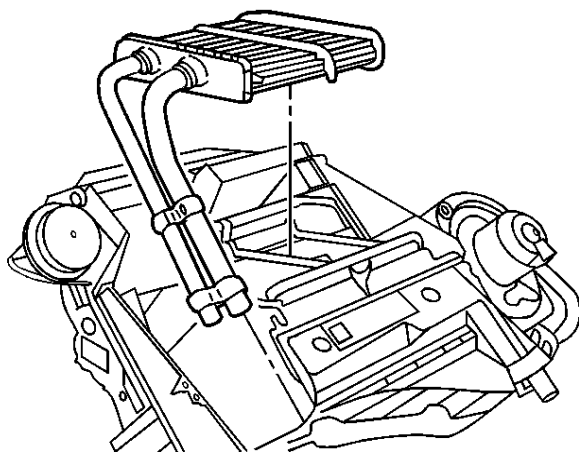
14. Remove and discard the seals (1,2) from the heater core cover.
15. Remove the caulk (3) from the heater core cover.



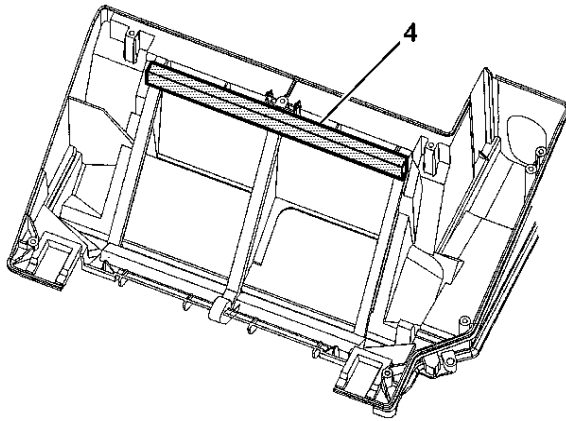
16. Remove and discard the heater core outer seal (5) from the heater core.



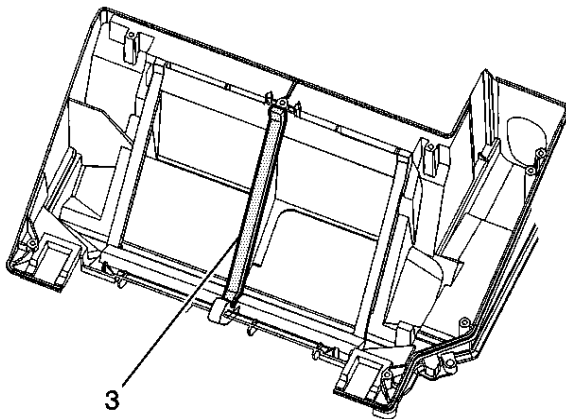
17. Remove the heater core clamp screw (1).
18. Remove the heater core retaining clamp.
19. Remove the heater core pipe retainer clamp screw (2).



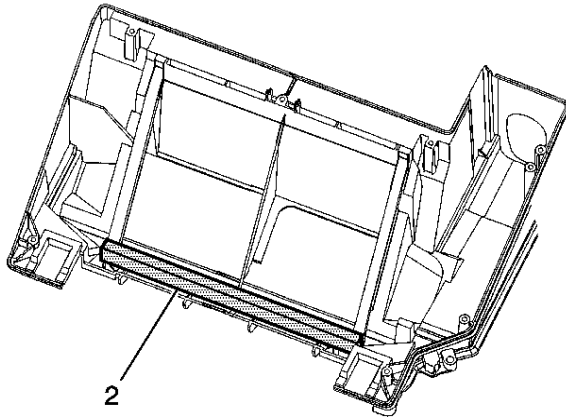
20. Remove the heater core from the HVAC lower case.
21. Remove the heater core pipe retainer clamp from the heater core pipes.



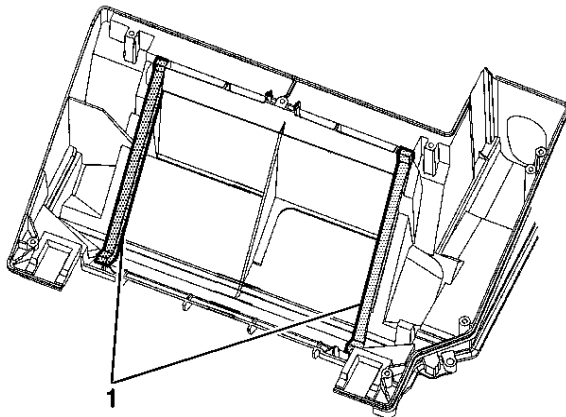
22. Remove and discard the heater core lower seal (4) from the HVAC case.



23. Remove and discard the heater core center seal (3) from the HVAC case.

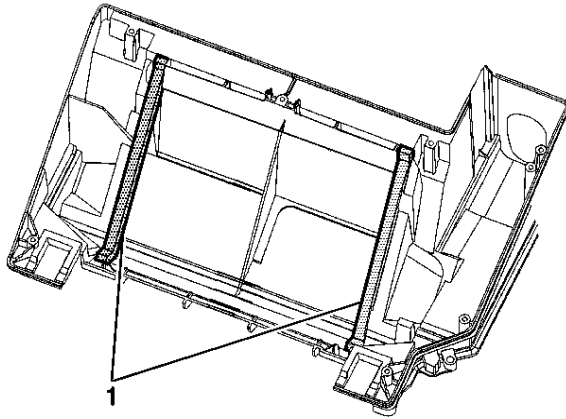


24. Remove and discard the heater core upper seal (2) from the HVAC lower case.

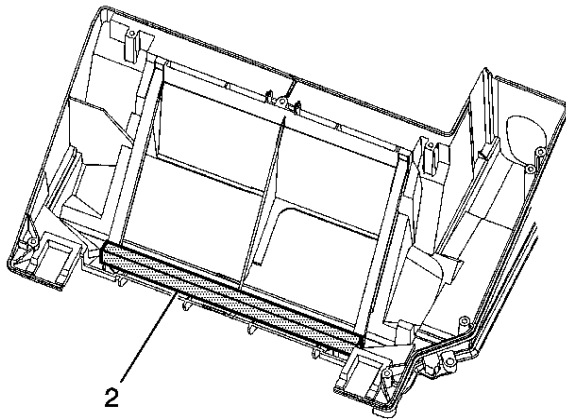


25. Remove and discard the heater core side seals (1) from the HVAC lower case.

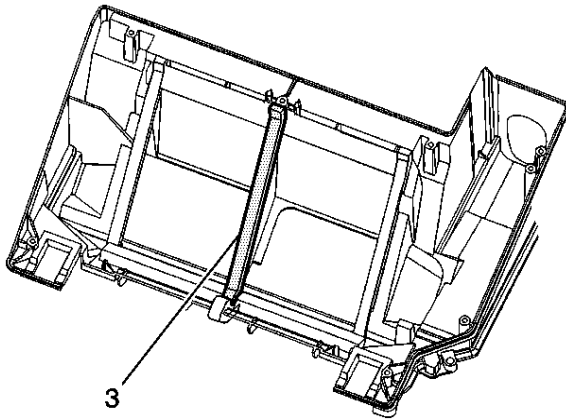
## **Installation Procedure**



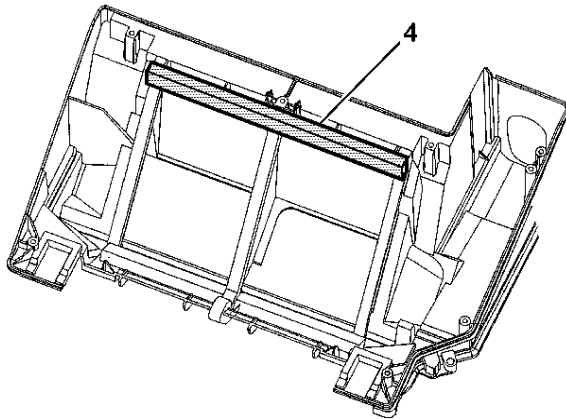
1. Install the heater core side seals (1) to the HVAC lower case.



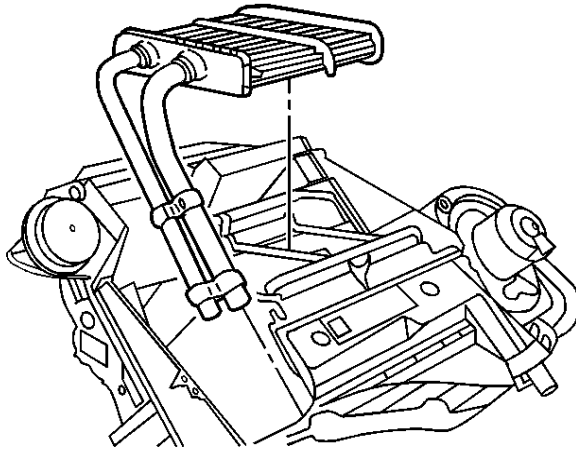
2. Install the heater core upper seal (2) to the HVAC lower case.



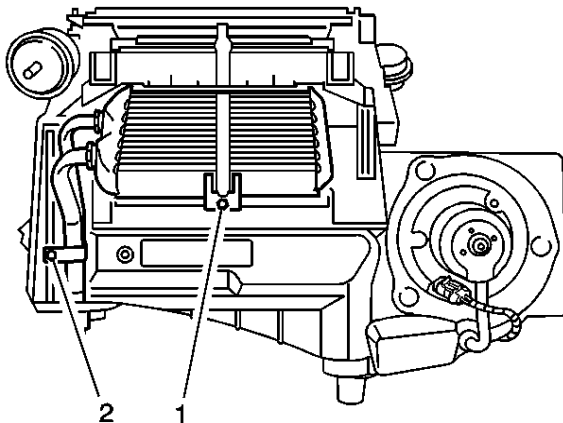
3. Install the heater core center seal (3) to the HVAC case.



4. Install the heater core lower seal (4) to the HVAC case.



5. install the heater core pipe retainer clamp to the heater core pipes.
6. Install the heater core to the HVAC lower case.



**Notice:** Use the correct fastener in the correct location. Replacement fasteners must be the correct part number for that application. Fasteners requiring replacement or fasteners requiring the use of thread locking compound or sealant are identified in the service procedure. Do not use paints, lubricants, or corrosion inhibitors on fasteners or fastener joint surfaces unless specified. These coatings affect fastener torque and joint clamping force and may damage the fastener. Use the correct tightening sequence and specifications when installing fasteners in order to avoid damage to parts and systems.

7. Install the heater core line clamp screw (2).

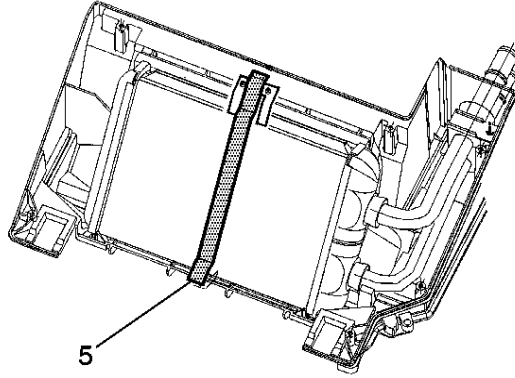
**Tighten**

Tighten the screw to 1.5 N·m (13 lb in).

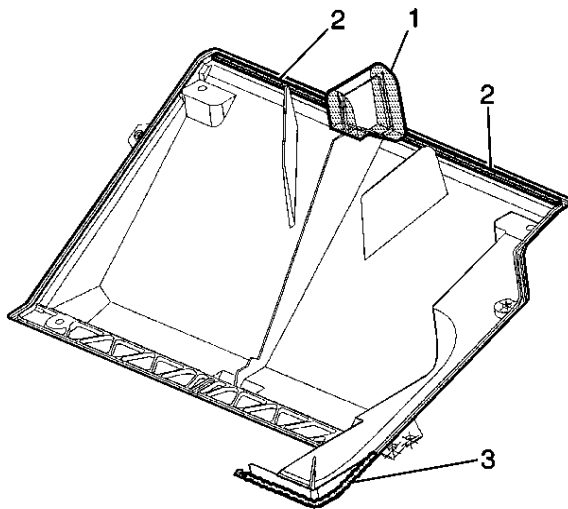
8. Install the heater core mounting clip with a screw (1).

**Tighten**

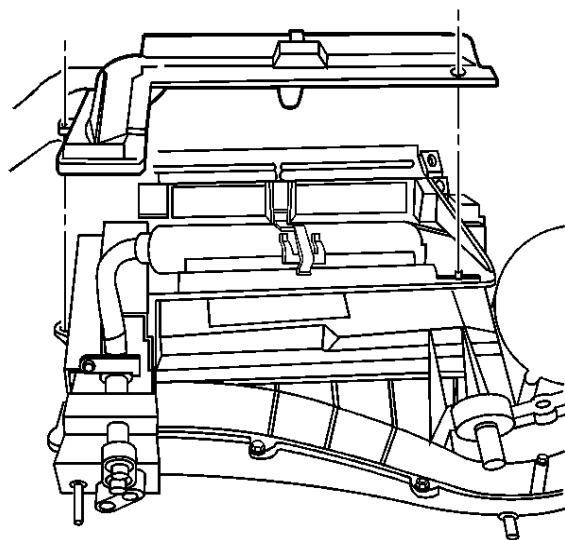
Tighten the screw to 1.5 N·m (13 lb in).



9. Install heater core outer seal (5) to the heater core.



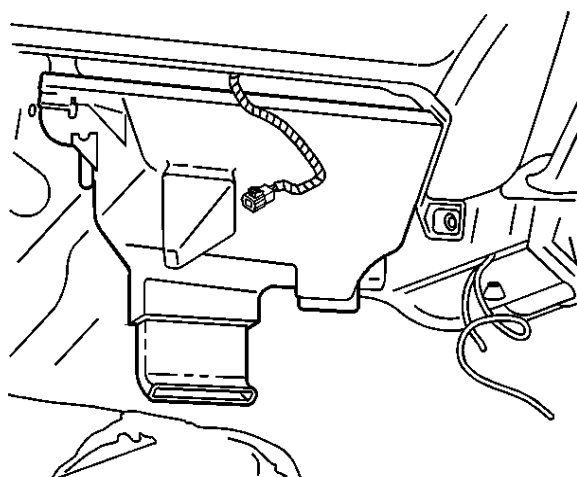
10. Install new seals (1,2) to the heater core cover.  
11. Install the caulk (3) to the heater core cover.



12. Install the heater core cover.
13. Install the heater core cover screws.

**Tighten**

Tighten the screws to 1.5 N·m (13 lb in).



14. Install the heater core outlet cover.
15. Install the heater core outlet cover screws.

**Tighten**

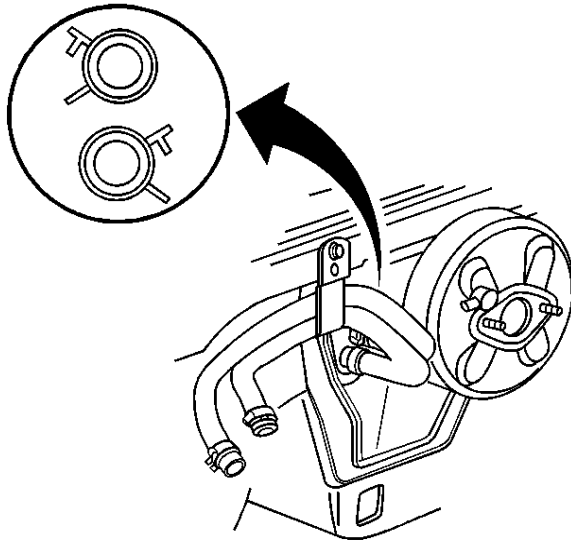
Tighten the screws to 1.5 N·m (13 lb in).

16. Install the HVAC vacuum harness bracket .
17. Install the screws to the HVAC vacuum harness bracket.

**Tighten**

Tighten the screws to 1.5 N·m (13 lb in).

18. Connect the rear floor air outlet duct to the heater core outlet cover.
19. Install the rear floor air outlet duct to the holes in the floor reinforcement.
20. Install the floor carpet. Refer to [Front Floor Panel Carpet Replacement](#) in Interior Trim.
21. Install the vacuum tank. Refer to [Vacuum Tank Replacement](#) in HVAC System - Manual.



22. Connect the inlet and outlet heater hose to the heater core.

**Important:** Reposition the heater core hose clamps in the indicated location.

23. Use [J 38185](#) in order to reposition the heater hose inlet and outlet clamps to the heater core.
24. Install the fuel injector sight shield (3.8L only). Refer to [Fuel Injector Sight Shield Replacement](#) in Engine Mechanical-3.8L.
25. Refill the coolant. Refer to [Cooling System Draining and Filling](#) in Engine Cooling.