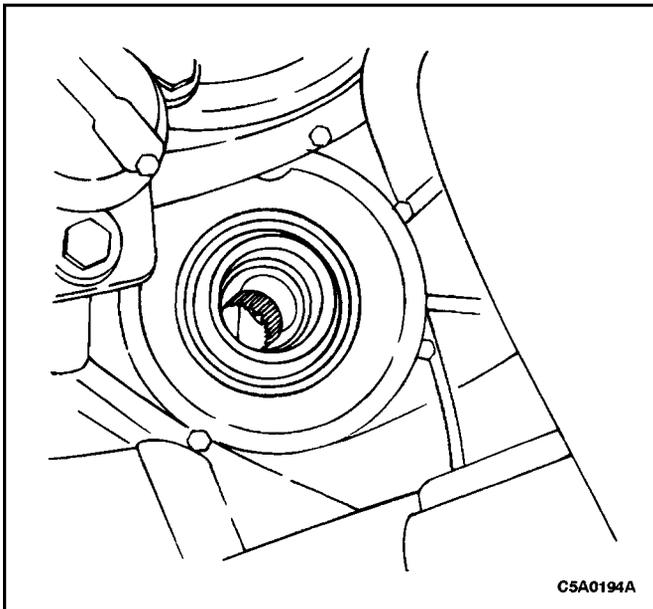


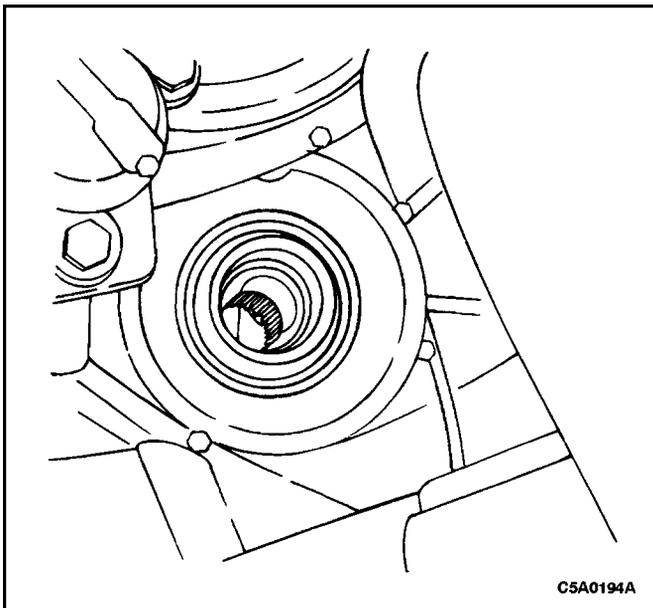
## DRIVE AXLE FLUID SEALS

### Removal Procedure

1. Raise and suitably support the vehicle.
2. Remove the wheels. Refer to *Section 2E, Tires and Wheels*.
3. Disconnect the automatic transaxle drive axles from the automatic transaxle. Refer to *Section 3A, Automatic Transaxle Drive Axle*.
4. Remove the right side drive axle fluid seal.

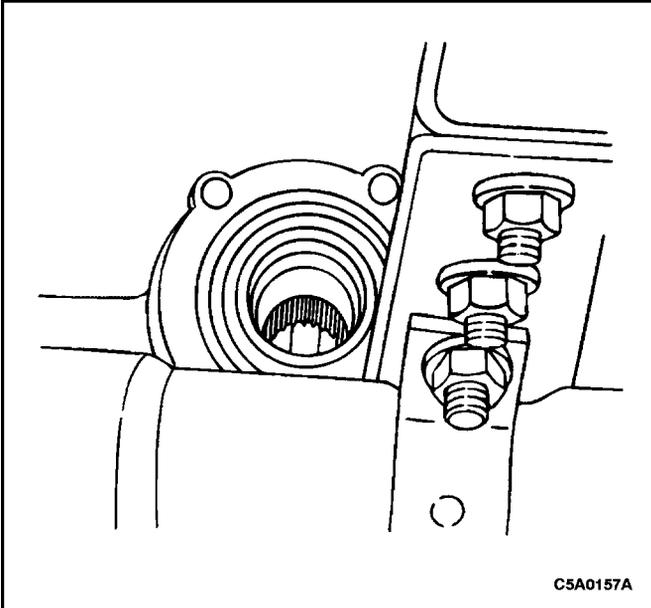


5. Remove the left side drive axle fluid seal.

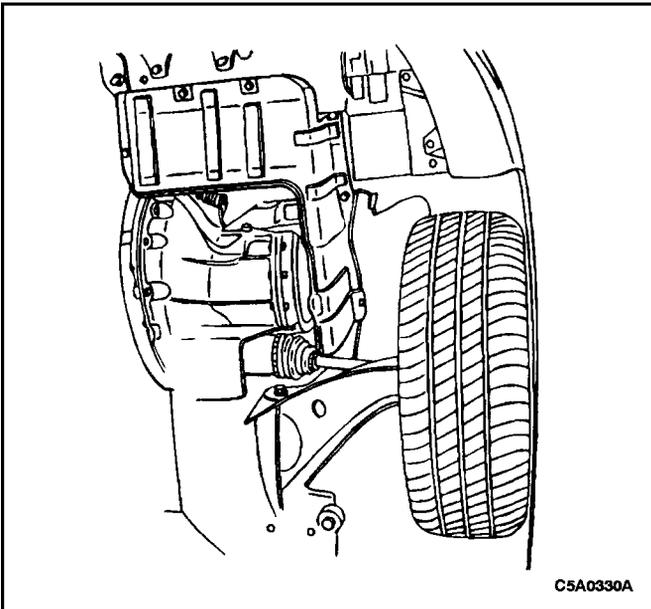


### Installation Procedure

1. Install the left side drive axle fluid seal.



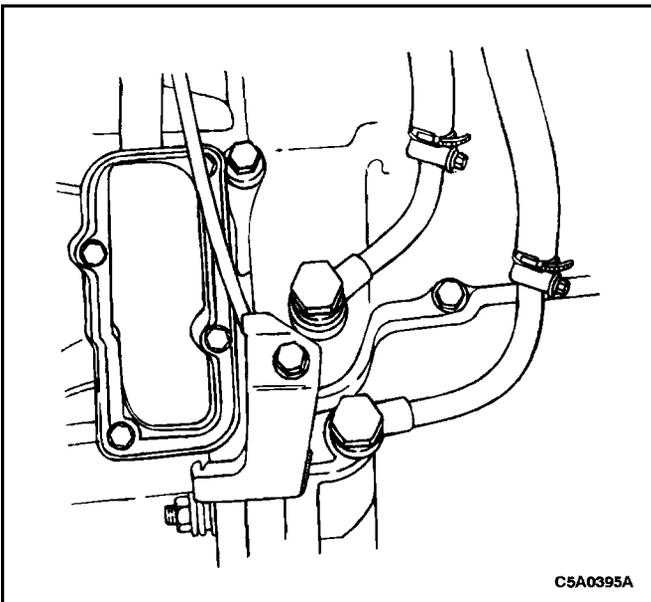
2. Install the right side drive axle fluid seal.
3. Connect the automatic transaxle drive axles to the automatic transaxle. Refer to *Section 3A, Automatic Transaxle Drive Axle*.
4. Install the wheels. Refer to *Section 2E, Tires and Wheels*.
5. Lower the vehicle.



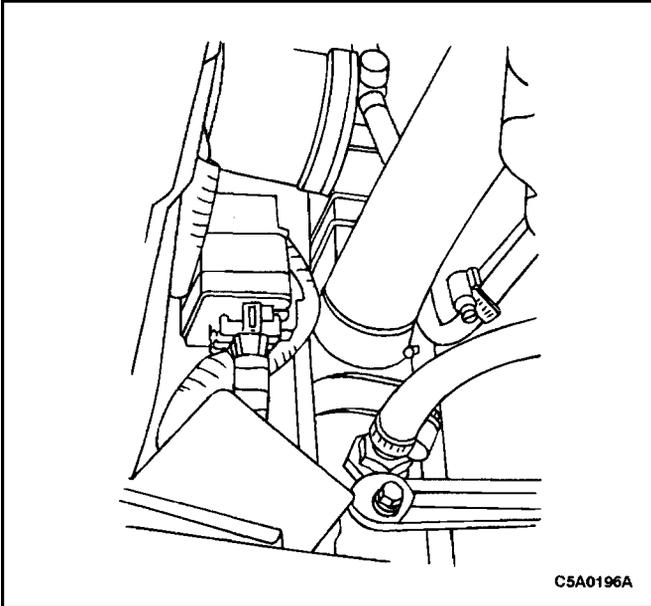
## FLUID COOLER PIPES AND HOSES

### Removal Procedure

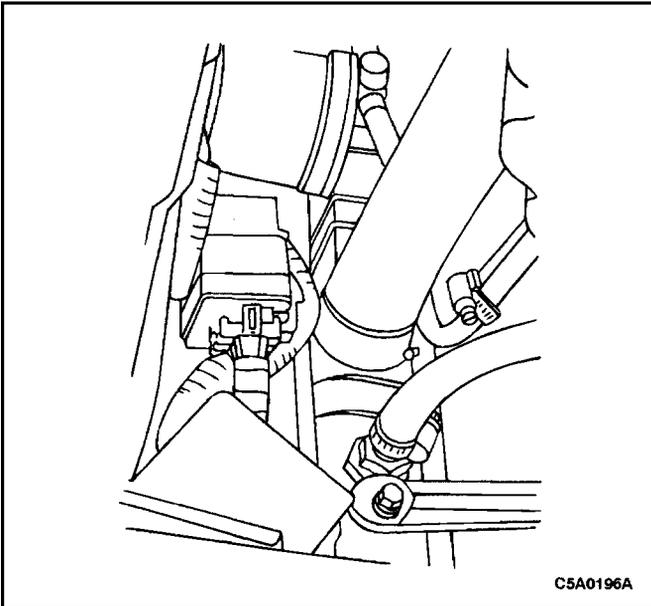
1. Raise and support the vehicle. Refer to *Section 0B, General Information*.
2. Drain the transaxle fluid. Refer to "Fluid Drain Procedure" in this section.
3. Remove the engine undercover.



4. Remove the two fluid cooler pipe bolts from the transaxle and allow the fluid to drain.



5. Disconnect hose clamp from the lower hose at the radiator, then remove the fluid cooler pipe bolt from the upper radiator.
6. Remove the fluid cooler pipes and hoses.

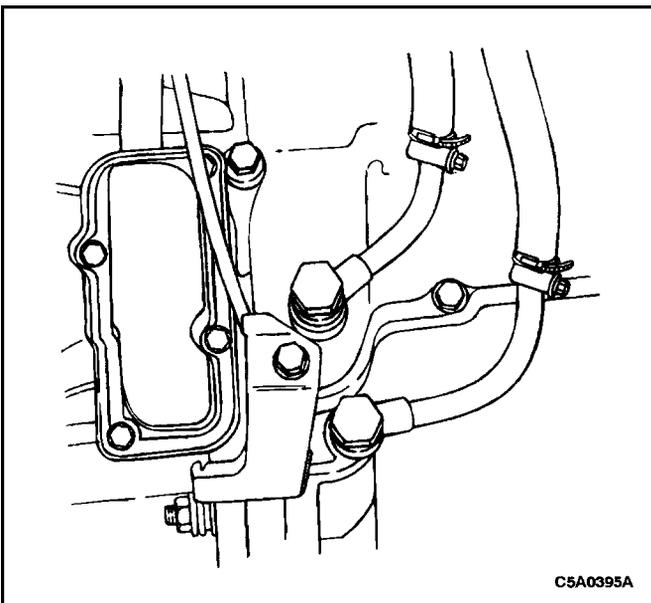


### Installation Procedure

1. Position the fluid cooler pipes at the radiator. Connect the lower hose at the radiator and tighten the clamp, then install the fluid cooler pipe and bolt at the upper radiator.

#### **Tighten**

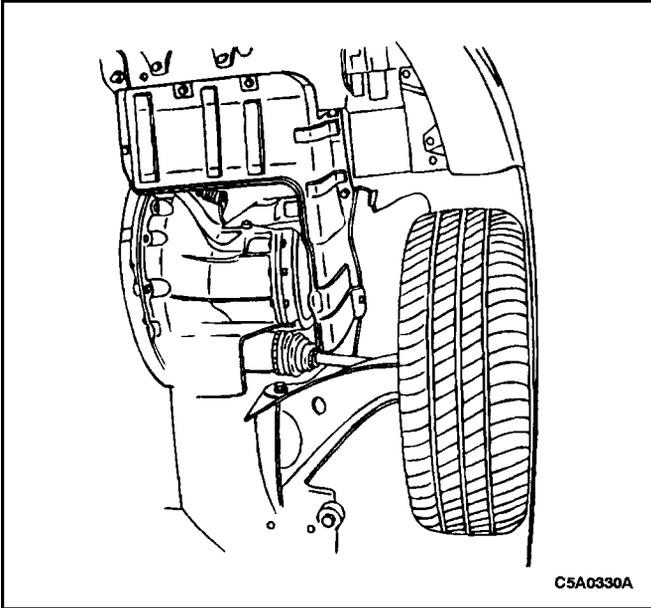
Tighten the fluid cooler pipe bolt to 15-22 lb-ft (20-29 N•m).



2. Position the fluid cooler pipes at the transaxle and install the fluid cooler pipe bolts.

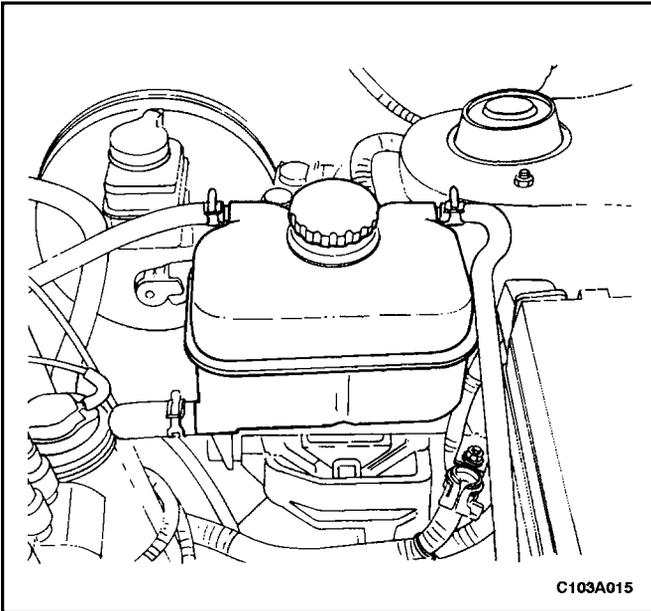
#### **Tighten**

Tighten the fluid cooler pipe bolt to 15-22 lb-ft (20-29 N•m).



C5A0330A

3. Install the engine undercover.
4. Lower the vehicle.
5. Fill the transaxle with fluid. Refer to "Fluid Drain Procedure" in this section.



C103A015

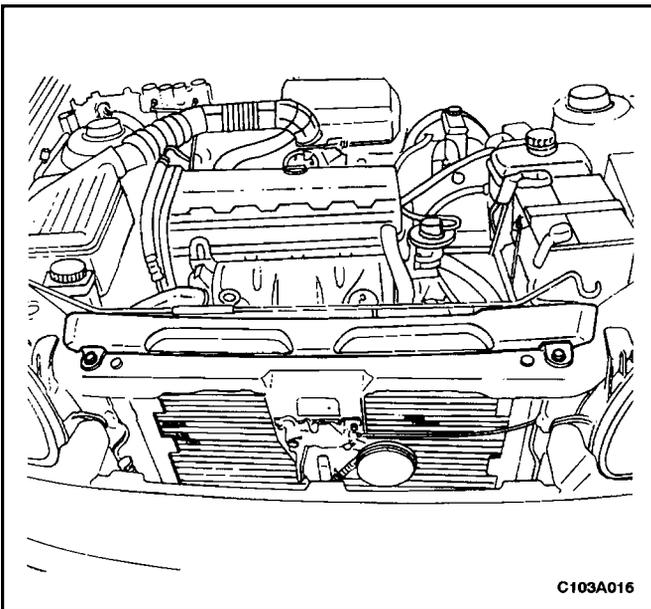
## TRANSAXLE LEFT MOUNT

### Tools Required

J-28467-B Engine Support Fixture

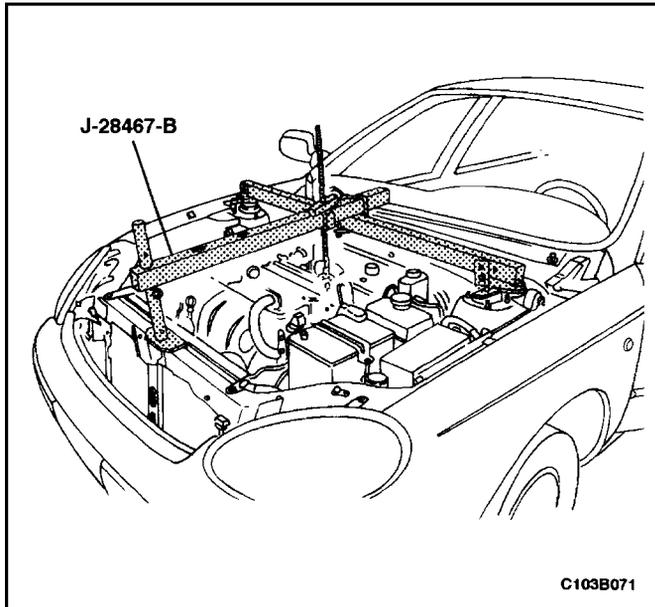
### Removal Procedure

1. Disconnect the battery. Remove the battery and the battery tray.
2. Remove the coolant surge tank.

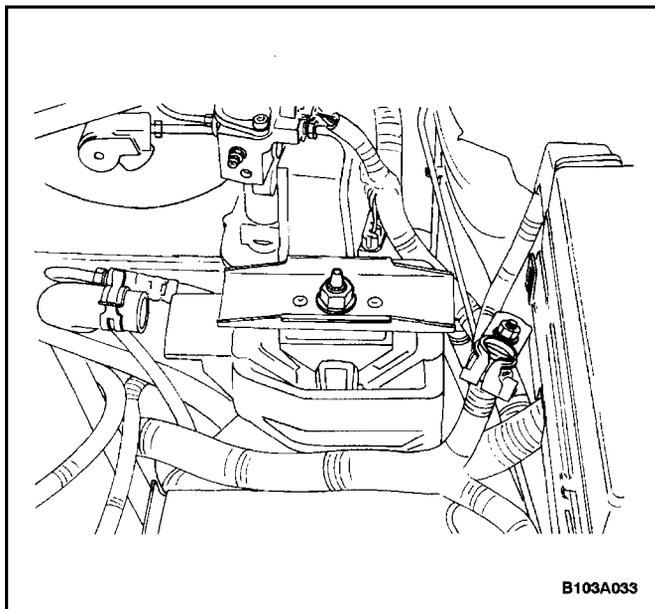


C103A016

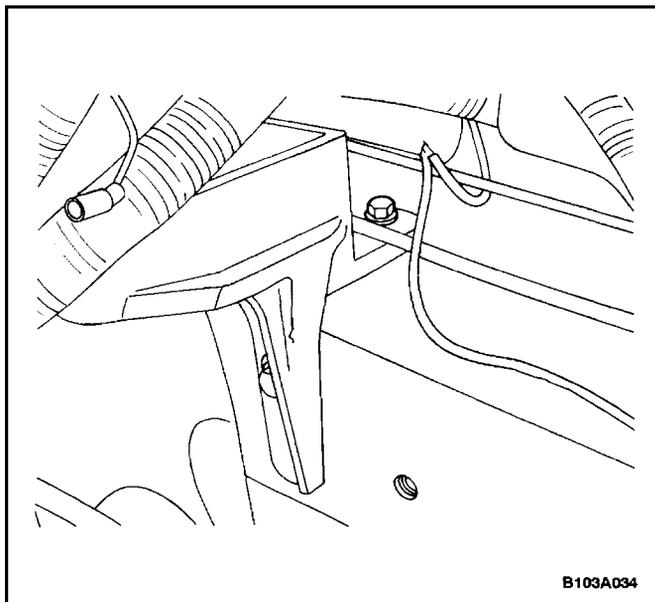
3. Remove the upper radiator cover.



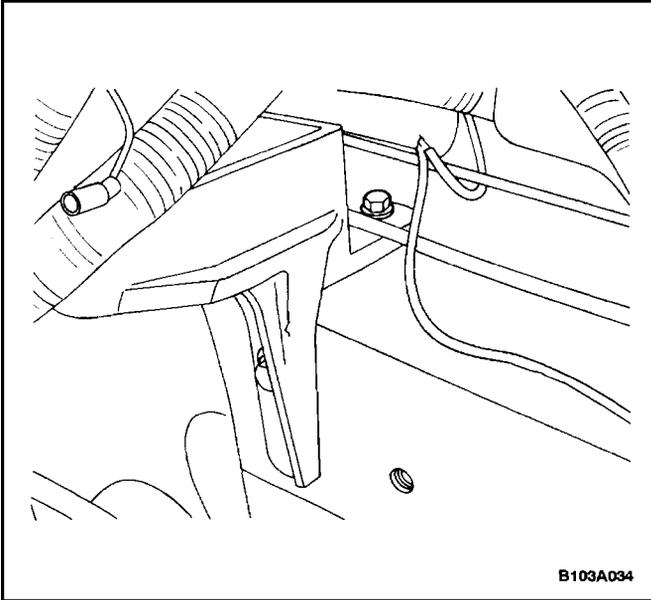
4. Attach the engine support fixture J-28467-B to the engine.
5. Support the engine with the engine support fixture J-28467-B.



6. Remove the bolt that connects the transaxle left mount to the left transaxle bracket.



7. Remove the bolts that connect the transaxle left mount to the vehicle. Two bolts are on each side of the mount.
8. Remove the transaxle left mount.

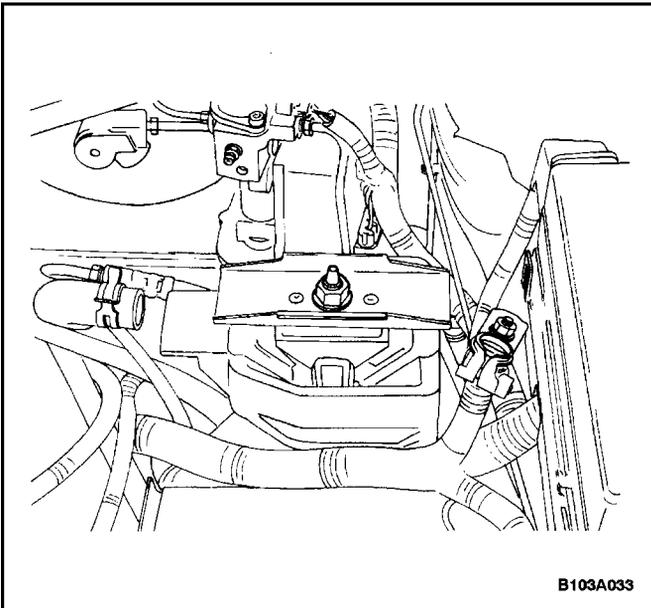


### Installation Procedure

1. Install the transaxle left mount.
2. Install the bolts that connect the transaxle left mount to the vehicle.

#### Tighten

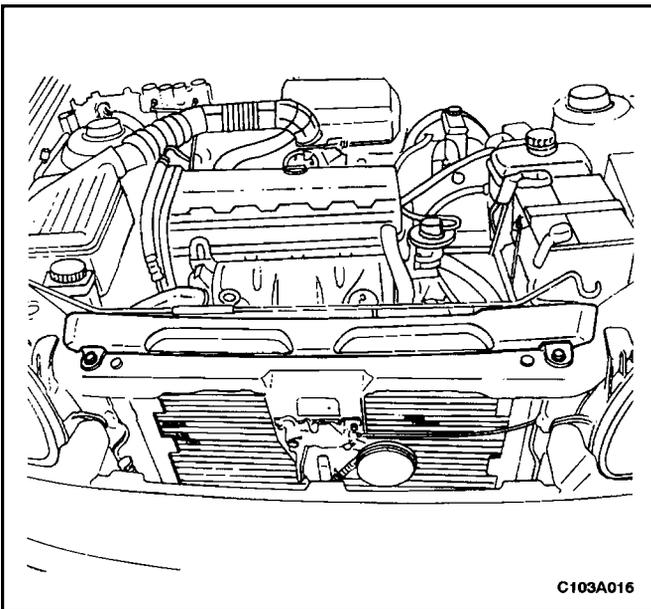
Tighten the transaxle left mount-to-body connecting bolts to 58 N•m (43 lb-ft).



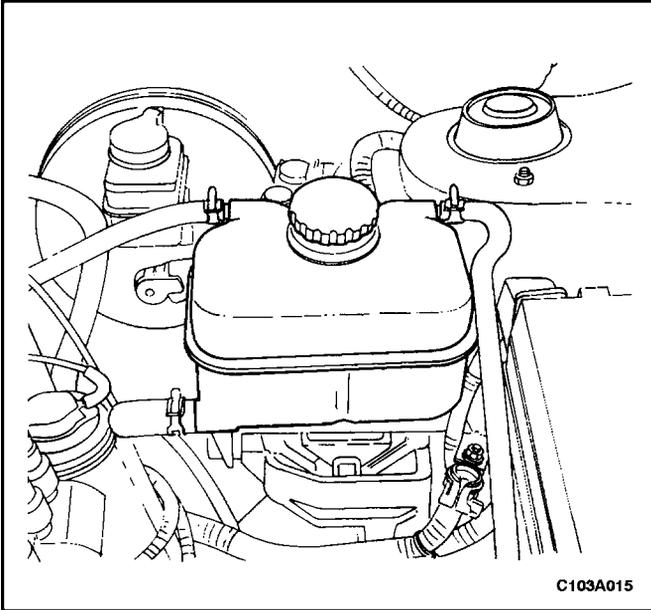
3. Install the bolt that connects the transaxle left mount to the transaxle left bracket.

#### Tighten

Tighten the transaxle left mount-to-transaxle left bracket connecting bolt to 35 lb-ft (48 N•m).



4. Remove the engine support fixture J-28467-B from the engine.
5. Install the upper radiator cover.

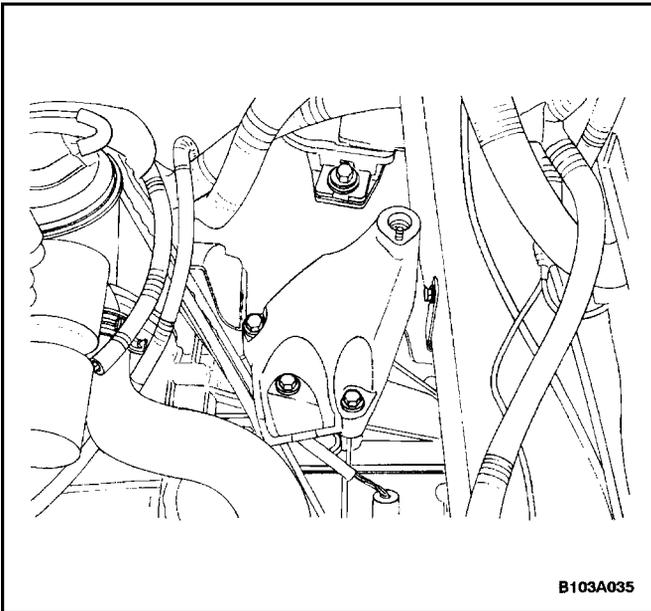


6. Install the coolant surge tank with the bolts.

**Tighten**

Tighten the coolant surge tank mounting bolts to 18 lb-ft (25 N•m).

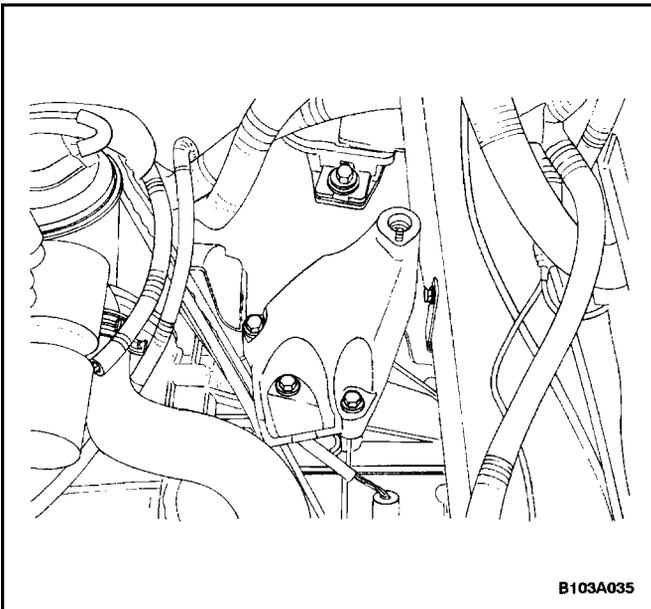
7. Install the battery tray and the battery. Connect the battery.



**TRANSAXLE LEFT BRACKET**

**Removal Procedure**

1. Remove the transaxle left mount. Refer to "Transaxle Left Mount" in this section.
2. Remove the bolts that connect the transaxle to the transaxle left bracket.
3. Remove the transaxle left bracket.



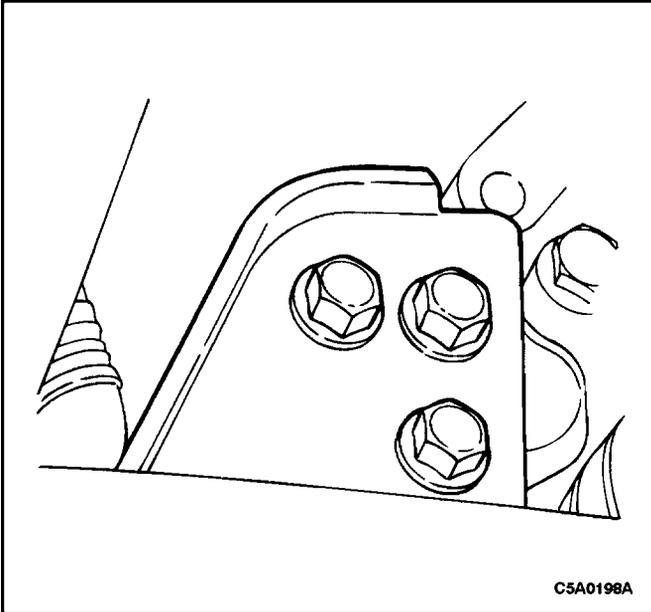
**Installation Procedure**

1. Install the transaxle left bracket.
2. Install the bolts that connect the transaxle left bracket to the transaxle.

**Tighten**

Tighten the transaxle left bracket connecting bolts to 35 lb-ft (48 N•m).

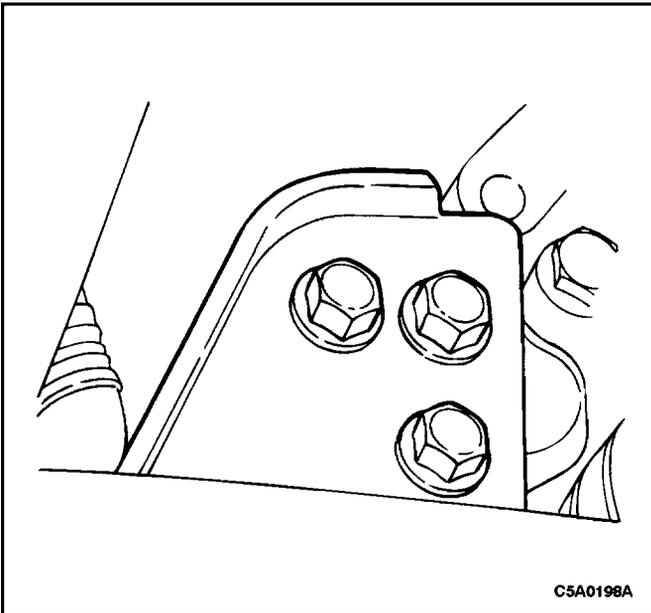
3. Install the transaxle left mount. Refer to "Transaxle Left Mount" in this section.



## TRANSAXLE CENTER BRACKET

### Removal Procedure

1. Remove the center member from the vehicle. Refer to *Section 9N, Frame and Underbody*.
2. Remove the bolts that connect the transaxle center bracket to the transaxle.
3. Remove the transaxle center bracket.



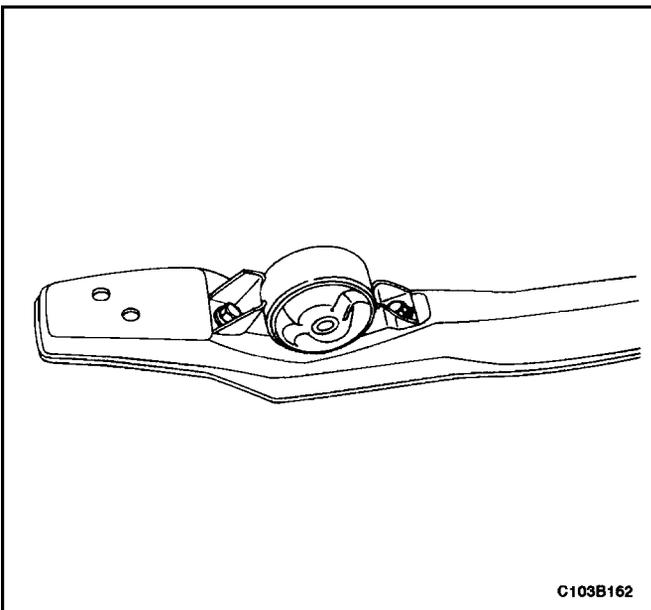
### Installation Procedure

1. Install the transaxle center bracket to the transaxle with the bolts.

#### Tighten

Tighten the transaxle center bracket-to-transaxle bolts to 35 lb-ft (48 N•m).

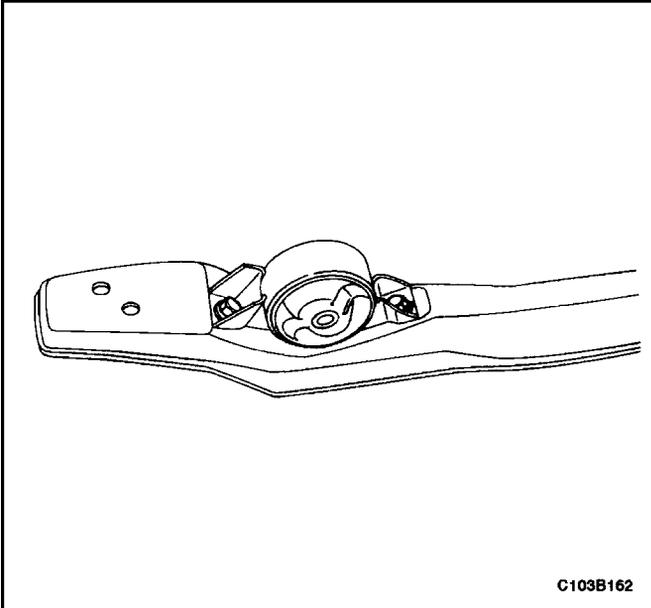
2. Install the center member into the vehicle. Refer to *Section 9N, Frame and Underbody*.



## TRANSAXLE CENTER MOUNT

### Removal Procedure

1. Remove the center member from the vehicle. Refer to *Section 9N, Frame and Underbody*.
2. Remove the transaxle center mount-to-center member bolts.
3. Remove the transaxle center mount.



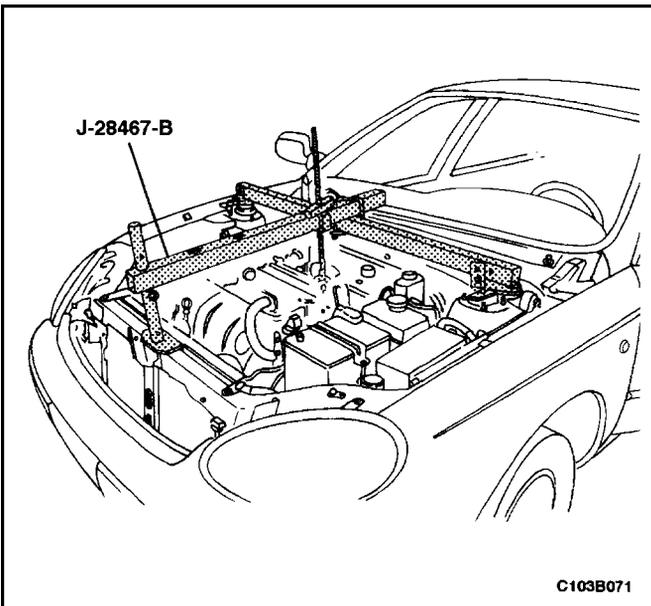
### Installation Procedure

1. Install the transaxle center mount.
2. Install the transaxle center mount-to-center member bolts.

### Tighten

Tighten the transaxle center bracket-to-transaxle bolts to 48 lb-ft (65 N•m).

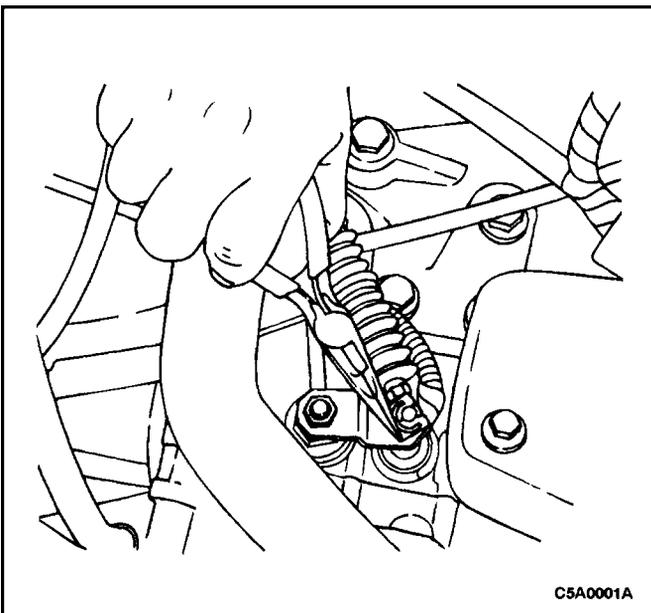
3. Install the center member into the vehicle. Refer to *Section 9N, Frame and Underbody*.



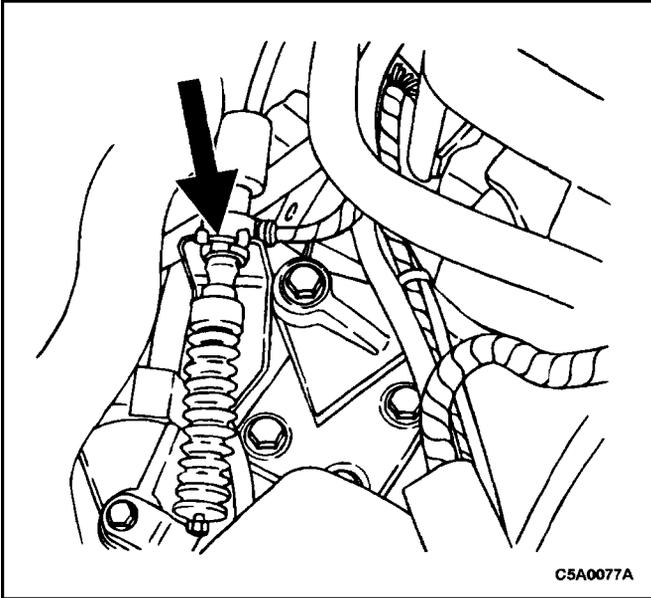
## TRANSAXLE ASSEMBLY

### Removal Procedure

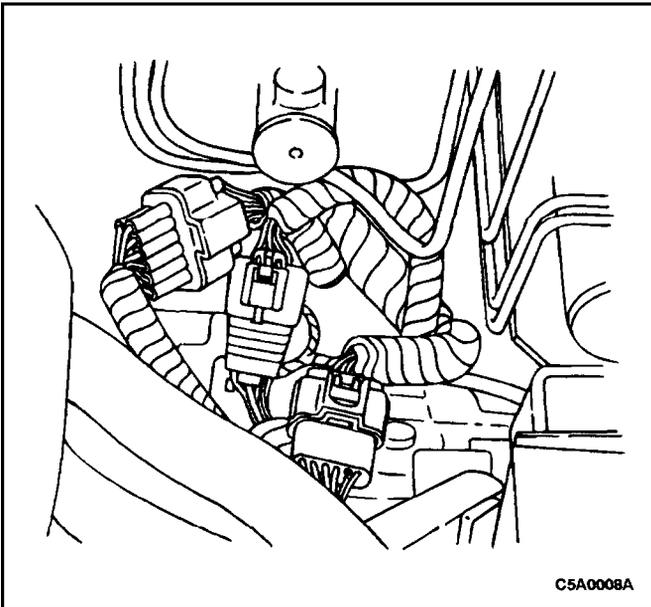
1. Install Engine Support Fixture J-28467-B to support the engine.
2. Remove the battery and battery tray. Refer to *Section 1E, Engine Electrical*.
3. Remove the transaxle left mount. Refer to "Transaxle Left Mount" in this section.



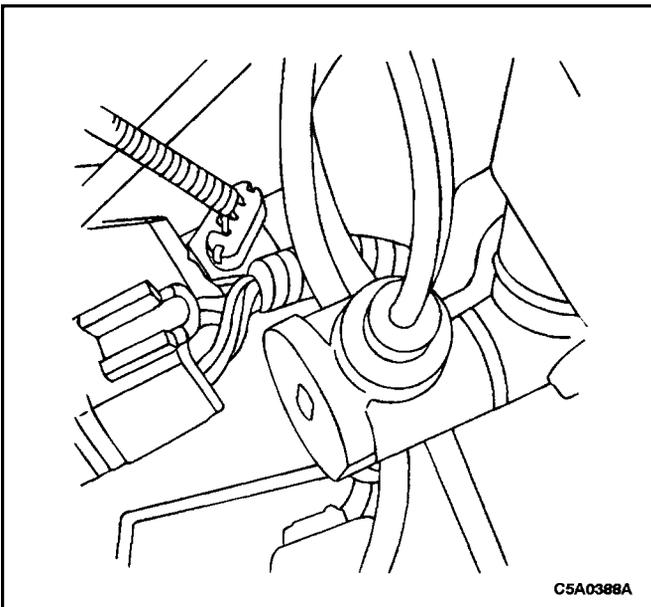
4. Remove the clip retaining the shift control cable to the park/neutral position (PNP) switch, then disconnect the cable.



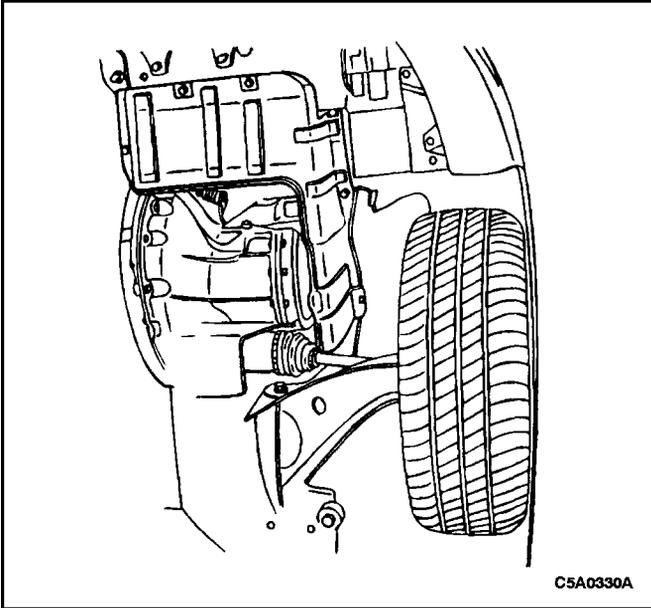
5. Remove the clip retaining the shift control cable to the bracket, then disconnect the cable and position aside.



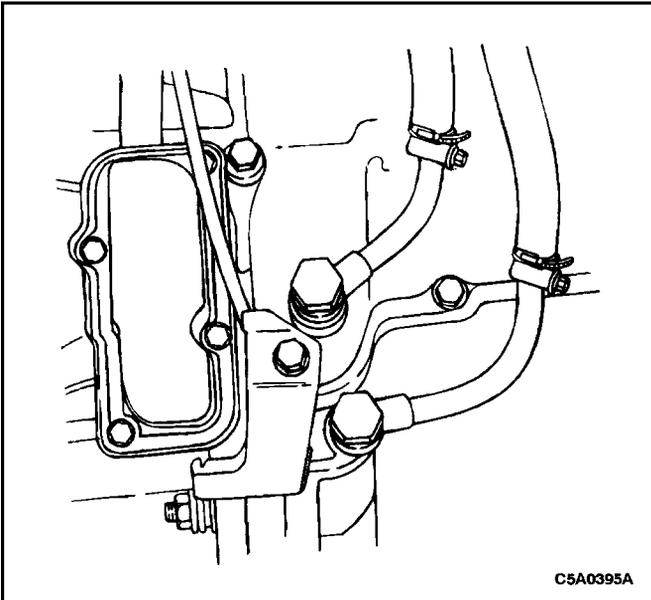
6. Disconnect the 11-pin PNP switch and 12-pin transaxle sensor electrical connectors.



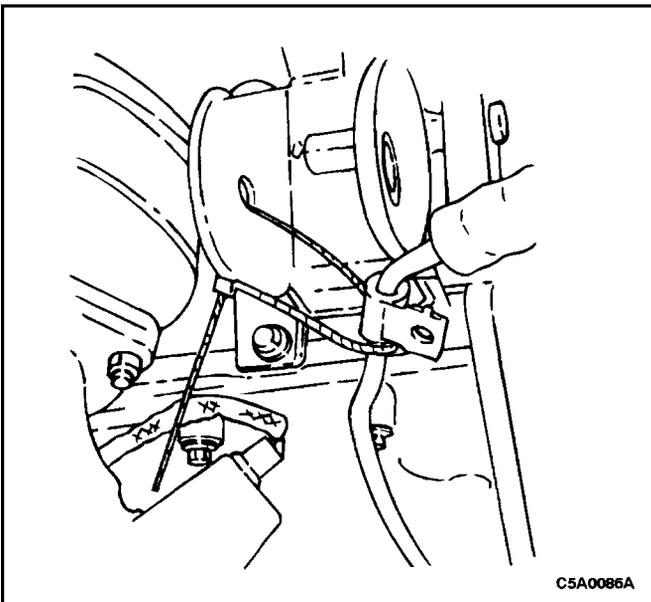
7. Disconnect the vehicle speed sensor (VSS) electrical connector.
8. Disconnect the vent tube from the top of the transaxle.
9. Remove the three upper transaxle-to-engine mounting bolts.
10. Raise and support the vehicle. Refer to *Section 0B, General Information*.



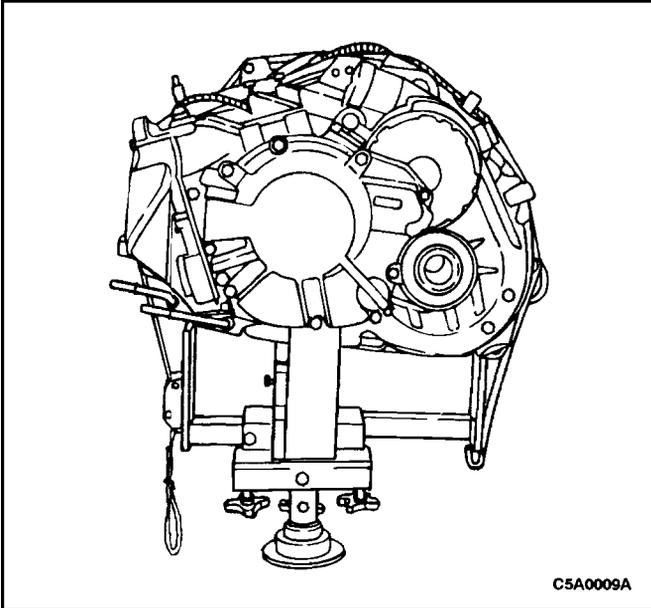
11. Remove the engine under cover.
12. Drain the transaxle fluid. Refer to "Fluid Drain Procedure" in this section.



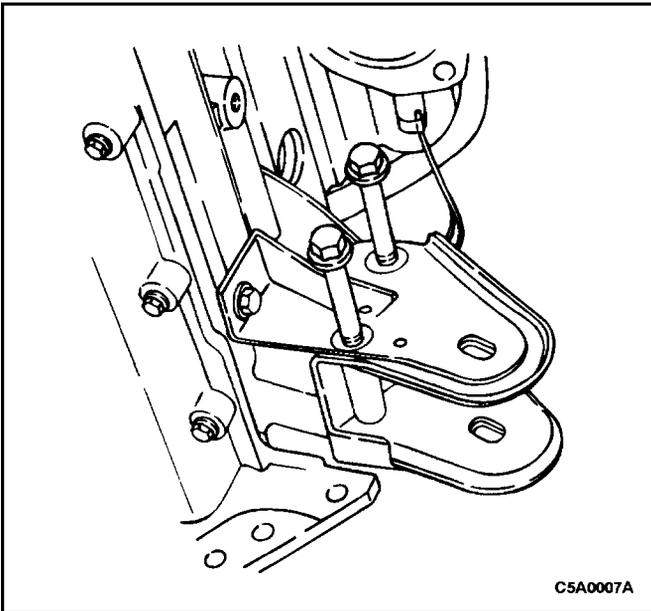
13. Disconnect the fluid cooler pipes at the valve body cover and allow the fluid to drain, then position the pipes aside.
14. Remove the left and right drive axle assemblies. Refer to *Section 3A, Automatic Transaxle Drive Axle*.
15. Remove the center member. Refer to *Section 9N, Frame and Underbody*.



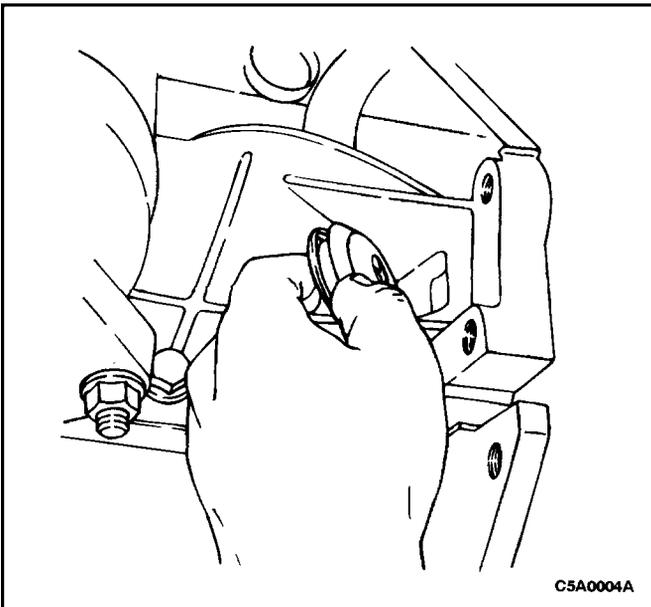
16. Position the power steering hose away from the installation area and secure it with a plastic tie strap.
17. Remove the starter motor. Refer to *Section 1E, Engine Electrical*.
18. Remove the two engine-to-transaxle retaining bolts next to the starter motor opening.



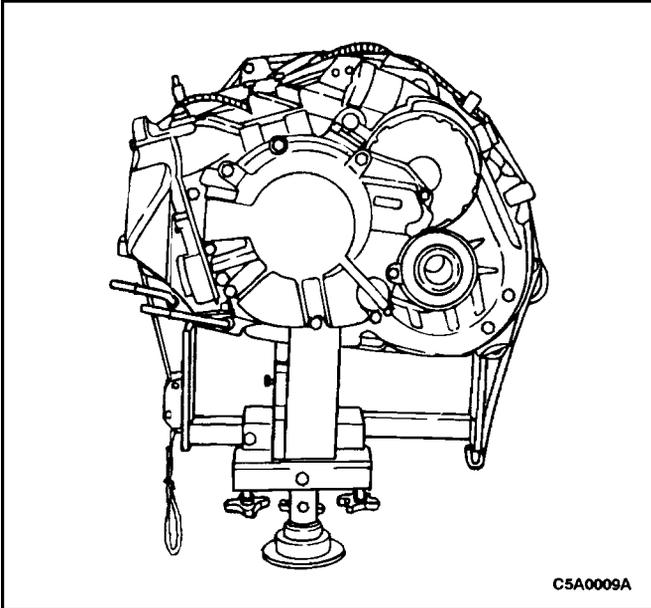
19. Secure the transaxle to a transaxle jack.



20. Remove the front engine mount bracket.



21. Remove the torque converter access cover, then remove the six torque converter-to-flex plate retaining bolts.
22. Remove the oil pan-to-transaxle case retaining bolts.
23. Carefully remove the transaxle from the engine compartment.



## Installation Procedure

1. Secure the transaxle to the transaxle jack, then carefully position in the vehicle.

**Notice :** Do not tighten the retaining bolts at this time.

2. Install the oil pan-to-transaxle case retaining bolts hand tight.

**Notice :** Do not tighten the retaining bolts at this time.

3. Install the two engine-to-transaxle retaining bolts next to the starter motor opening hand tight.
4. Install the six torque converter-to-flex plate retaining bolts.

### Tighten

Tighten the torque converter-to-flex plate retaining bolts to 44 lb-ft (60 N•m).

5. Install the front engine mount bracket.

### Tighten

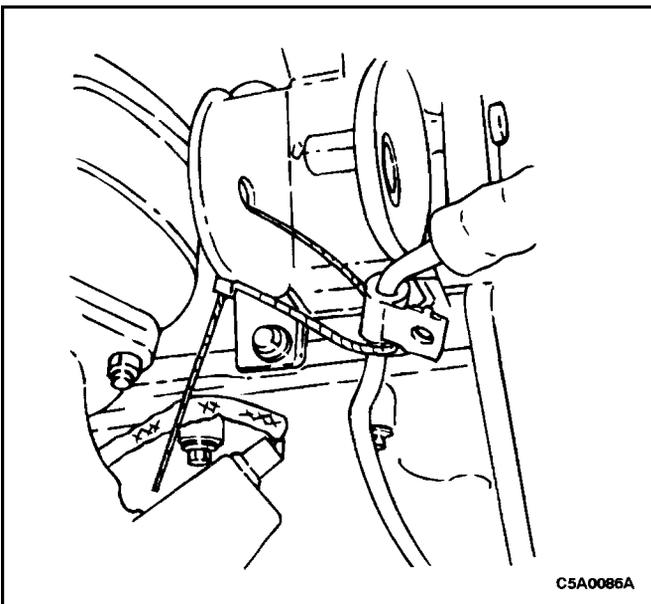
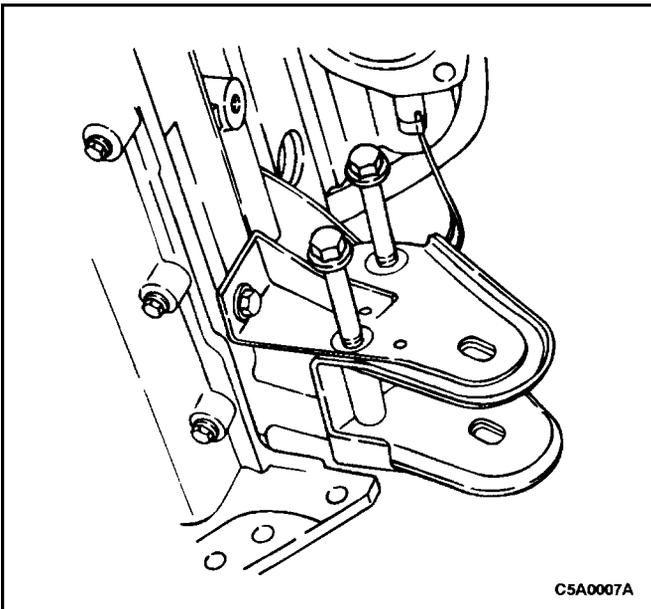
Tighten the front engine mount bracket-to-engine retaining bolts to 66 lb-ft (90 N•m).

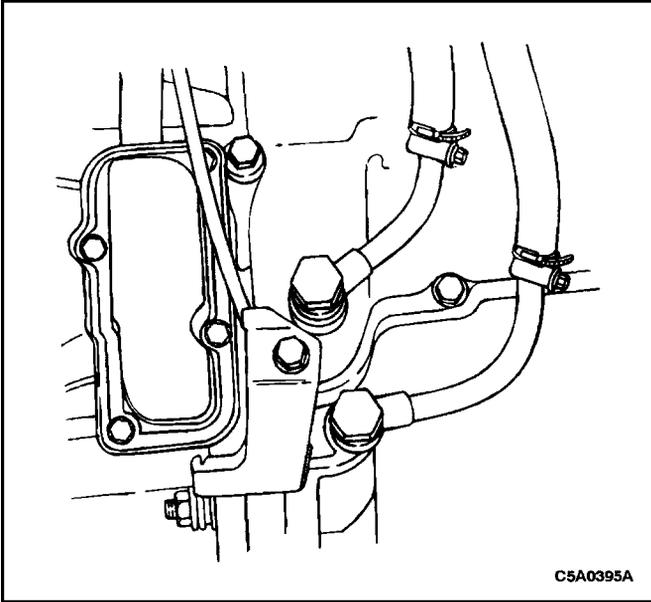
Tighten the front engine mount bracket-to-transaxle through bolts to 66 lb-ft (90 N•m).

Tighten the oil pan-to-transaxle case retaining bolts to 30 lb-ft (40 N•m).

Tighten the two engine-to-transaxle retaining bolts next to the starter motor opening to 75 N•m (55 lb-ft).

6. Install the starter motor. Refer to *Section 1E, Engine Electrical*.
7. Remove the transaxle jack.
8. Install the center member. Refer to *Section 9N, Frame and Underbody*.
9. Cut the plastic tie strap. Position and secure the power steering hose to the center member.
10. Install the left and right drive axle assemblies. Refer to *Section 3A, Automatic Transaxle Drive Axle*.

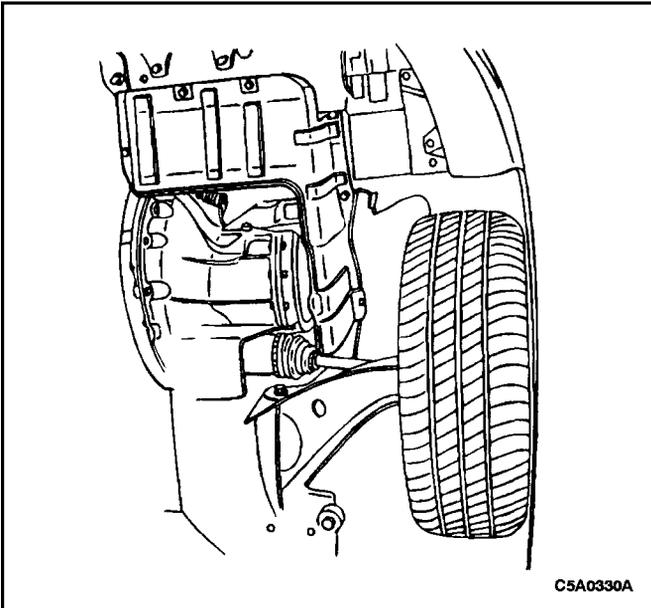




11. Connect the fluid cooler pipes at the valve body cover.

**Tighten**

Tighten the fluid cooler pipe bolts to 15–22 lb–ft (20–29 N•m).

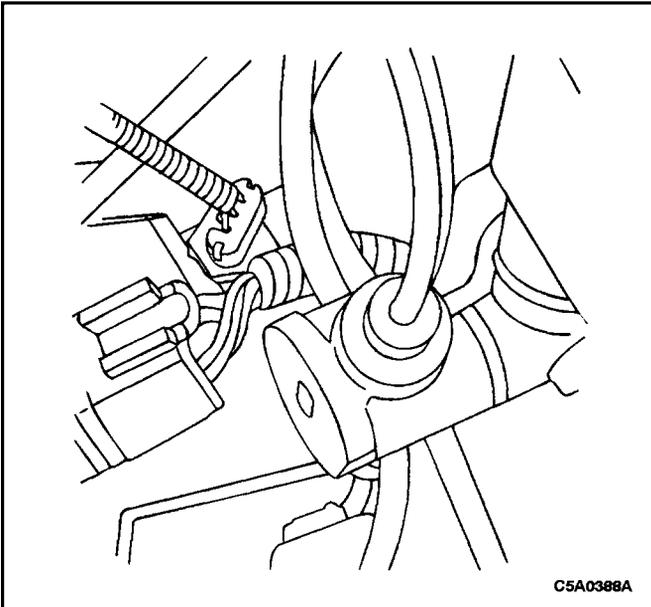


12. Install the engine under cover.
13. Lower the vehicle.
14. Install the three upper transaxle-to-engine mounting bolts.

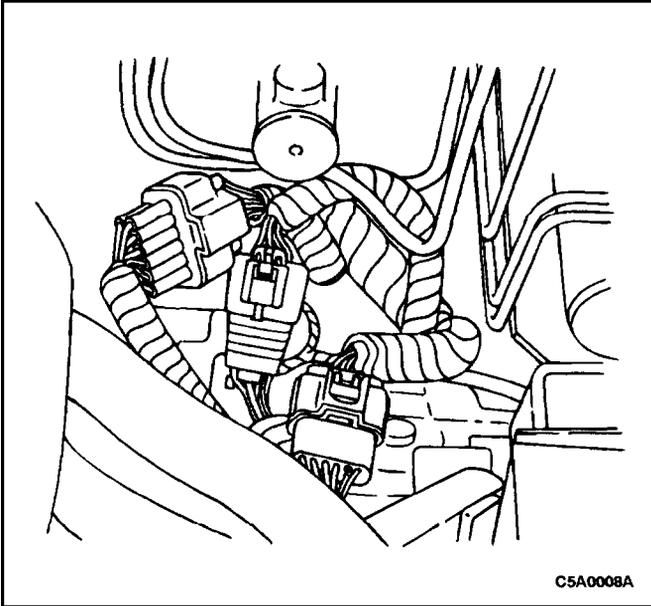
**Tighten**

Tighten the three upper transaxle-to-engine mounting bolts to 55 lb–ft (75 N•m).

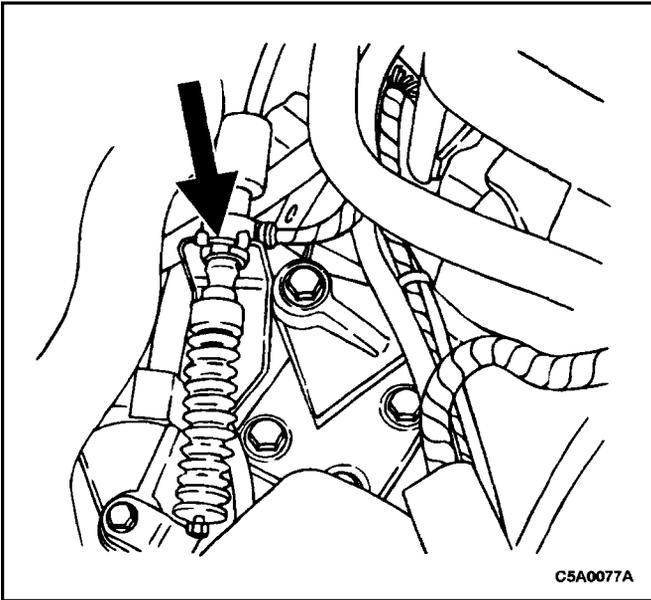
15. Connect the vent tube to the top of the transaxle.



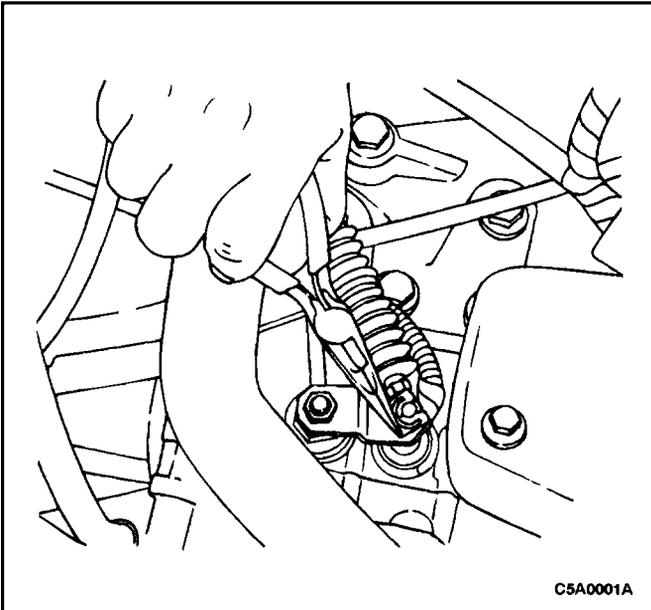
16. Connect the vehicle speed sensor (VSS) electrical connector.



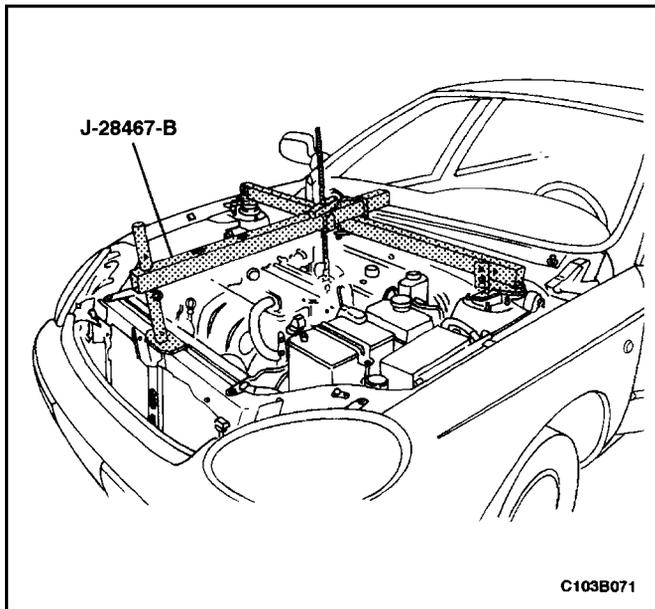
17. Connect the 11-pin PNP switch and 12-pin transaxle sensor electrical connectors.



18. Position the shift control cable on the bracket, then install the retaining clip.



19. Connect the shift control cable to the park/neutral position (PNP) switch, then install the retaining clip.
20. Install the transaxle left mount. Refer to "Transaxle Left Mount" in this section.
21. Install the battery and battery tray. Refer to *Section 1E, Engine Electrical*.



22. Remove Engine Support Fixture J-28467-B.
23. Fill the transaxle with fluid. Refer to "Fluid Drain Procedure" in this section.