

7. Insert a No. 43 drill (0.089 in.) through the hole.
8. Tighten the attaching bolts to 7–9 ft. lbs. (9–12 Nm), then remove the drill.
9. Engage the switch electrical connector, then connect the negative battery cable.

Transaxle

REMOVAL & INSTALLATION

1988–94 Vehicles

▶ See Figures 11 thru 20

1. Disconnect the negative battery cable.
2. Remove the air cleaner assembly.
3. Remove the bolt retaining the shift cable and bracket assembly to the transaxle.

▶ Hold the bracket with a prybar in the slot to prevent the bracket from moving.

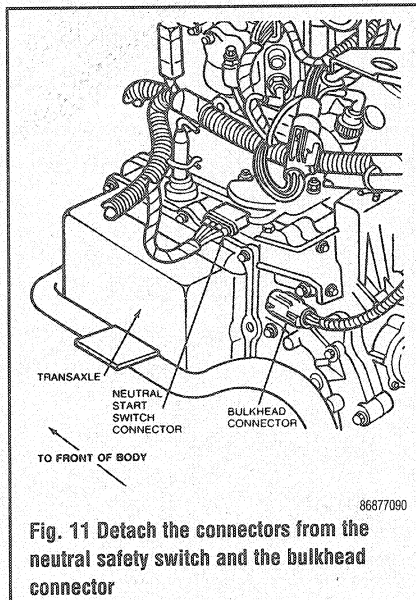


Fig. 11 Detach the connectors from the neutral safety switch and the bulkhead connector

4. Remove the shift cable bracket bolts and bracket from the transaxle.
5. Disengage the electrical connector from the neutral safety switch.
6. Detach the electrical bulkhead connector from the rear of the transaxle.
7. Remove the oil dipstick.
8. Remove the throttle valve cable cover. Unsnap the throttle valve cable from the throttle body lever. Remove the throttle valve cable from the transaxle case.
9. Carefully pull up on the throttle valve cable and disconnect the throttle valve cable from the TV link.

▶ Pulling too hard on the throttle valve may bend the internal TV bracket.

10. Install engine-lifting brackets.
11. Disconnect the power steering pump pressure and return line bracket.
12. Remove the converter housing bolts from the top of the transaxle.
13. Install a suitable engine support fixture.
14. Raise the and safely support the vehicle.
15. Remove both front wheels. Remove the left-side outer tie rod end.
16. Remove the lower ball joint attaching nuts and bolts. Remove the lower ball joints and remove the lower control arms from each spindle. Remove stabilizer bar bolts.
17. Remove the nuts securing the steering rack to the subframe.
18. Disengage the oxygen sensor electrical connection, then remove the exhaust pipe, converter assembly and mounting bracket.
19. Remove the two 15mm bolts from the transaxle mount. Remove the four 15mm bolts from the left engine support, then remove the bracket.
20. Position a suitable subframe removal tool.
21. Remove the steering gear from the subframe and secure to the rear of the engine compartment. Remove the subframe-to-body retaining bolts, then remove the subframe.
22. Remove the dust cover retaining bolt and the starter retaining bolts then position the starter out of the way. Remove the dust cover.
23. Rotate the engine by the crankshaft pulley

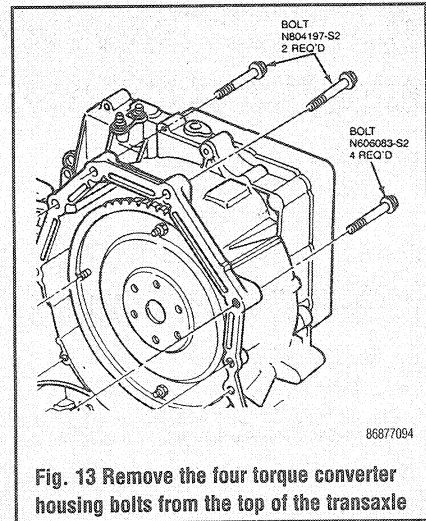


Fig. 13 Remove the four torque converter housing bolts from the top of the transaxle

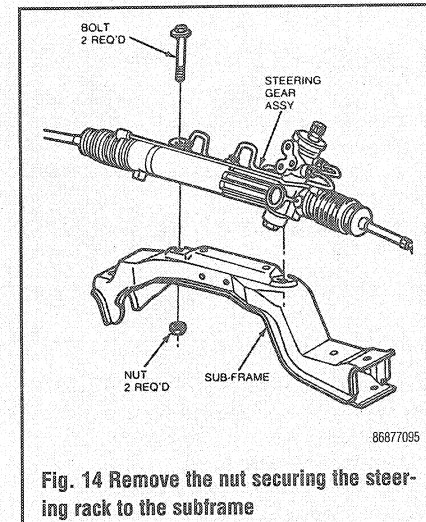


Fig. 14 Remove the nut securing the steering rack to the subframe

bolt to align the torque converter bolts with the starter drive hole. Remove the torque converter-to-flywheel retaining nuts.

24. Remove the transaxle cooler line fitting retaining clips. Using Cooler Line Disconnect Tool T86P-77265-AH or equivalent, disconnect the transaxle cooler lines.

25. Remove the engine-to-transaxle retaining bolts.

26. Remove the speedometer sensor heat shield.

27. Remove the vehicle speed sensor from the transaxle.

▶ Vehicles with electronic instrument clusters do not use a speedometer cable.

28. Position a suitable transaxle jack.

29. Remove the halfshafts as follows:

- a. Screw Extension T86P-3514-A2 into CV Joint Puller T86P-3514-A1, and insert Slide Hammer D79P-100-A or equivalent into the extension.
- b. Position the puller behind the CV joint, then remove the joint.
- c. Install shipping plugs.

30. Remove the two remaining torque converter housing bolts.

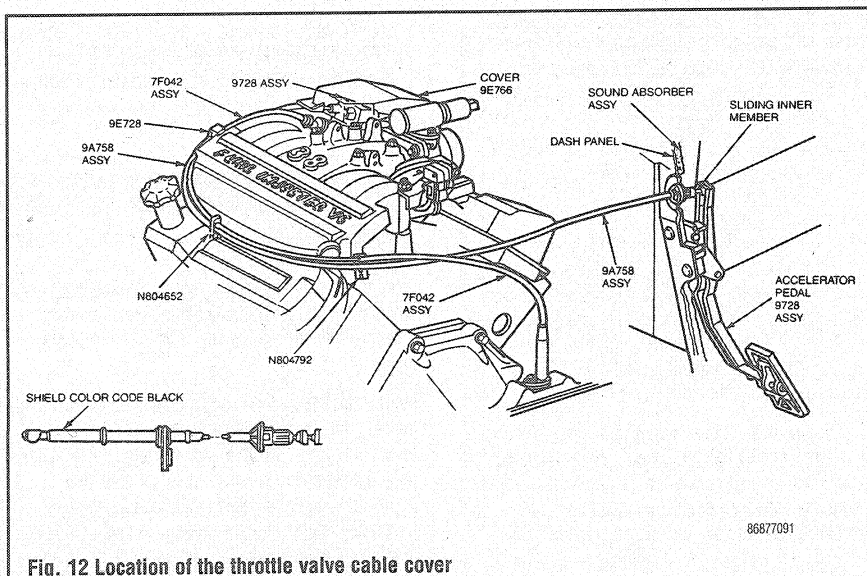


Fig. 12 Location of the throttle valve cable cover