

# Transmission

## Removal

### ▲WARNING

- Make sure jacks and safety stands are placed properly, and hoist brackets are attached to correct positions on the engine.
- Apply parking brake and block rear wheels, so car will not roll off stands and fall on you while working under it.

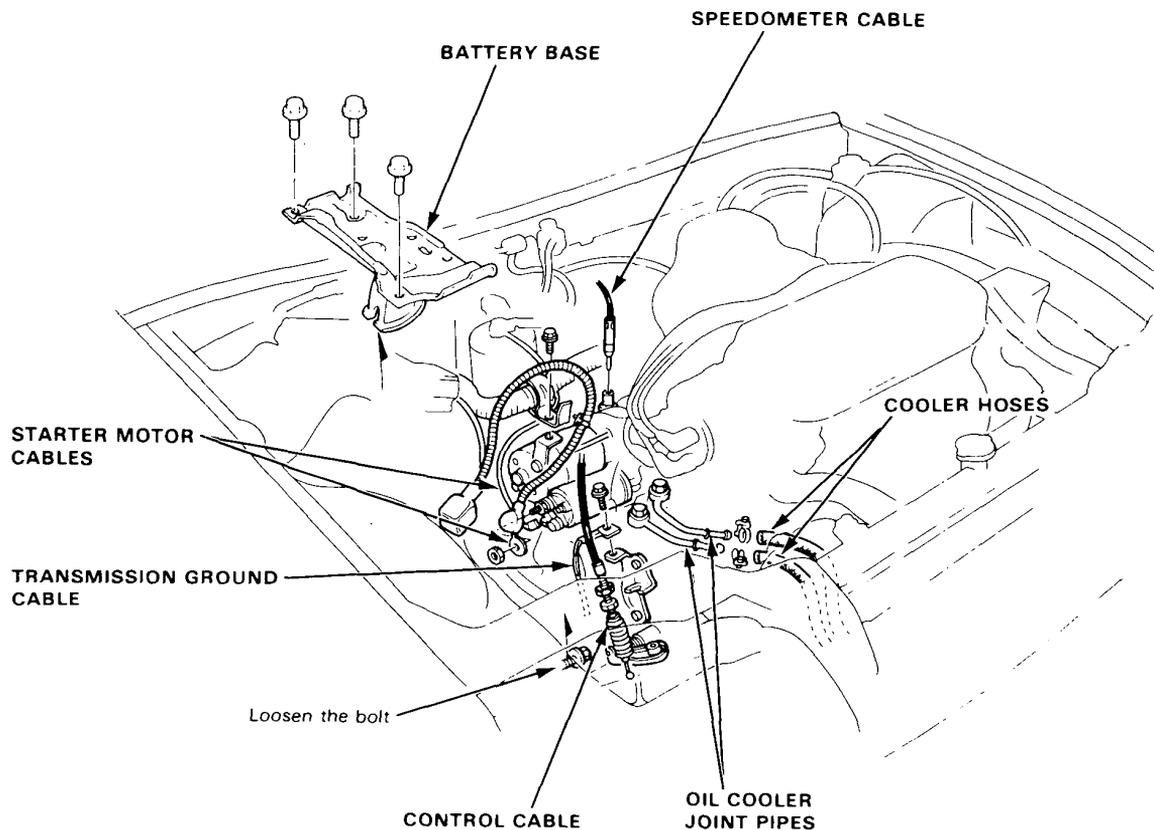
**CAUTION:** Use fender covers to avoid damaging painted surfaces.

1. Disconnect the battery negative (-) and positive (+) cables from the battery, and remove the battery.
2. Remove the 3 mount bolts and loosen the 1 bolt located at the side of the battery base, and intake hose band of the throttle body.
3. Remove the air cleaner case complete with the intake hose.
4. Disconnect the starter motor and transmission ground cables.
5. Disconnect the speedometer cable.

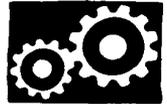
NOTE: Do not disassemble speedometer gear holder.

6. Disconnect the control cable at the control lever.
7. Drain transmission oil/fluid. Use a socket wrench to remove the drain plug. Remove the oil filler plug to speed draining. Reinstall the drain plug with a new washer.
8. Disconnect the cooler hoses at the joint pipes. Turn the ends up to prevent ATF from flowing out.

NOTE: Check for any signs of leak at the hose joints.

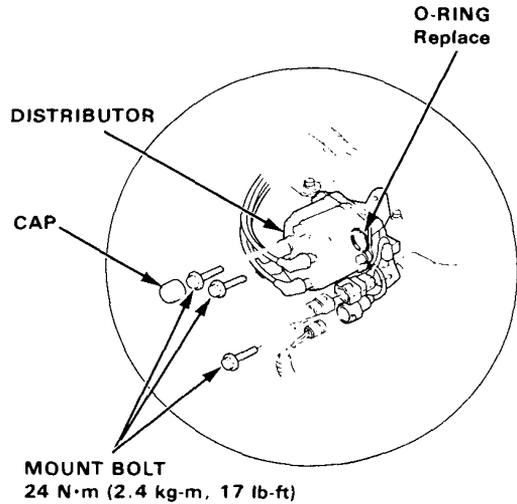


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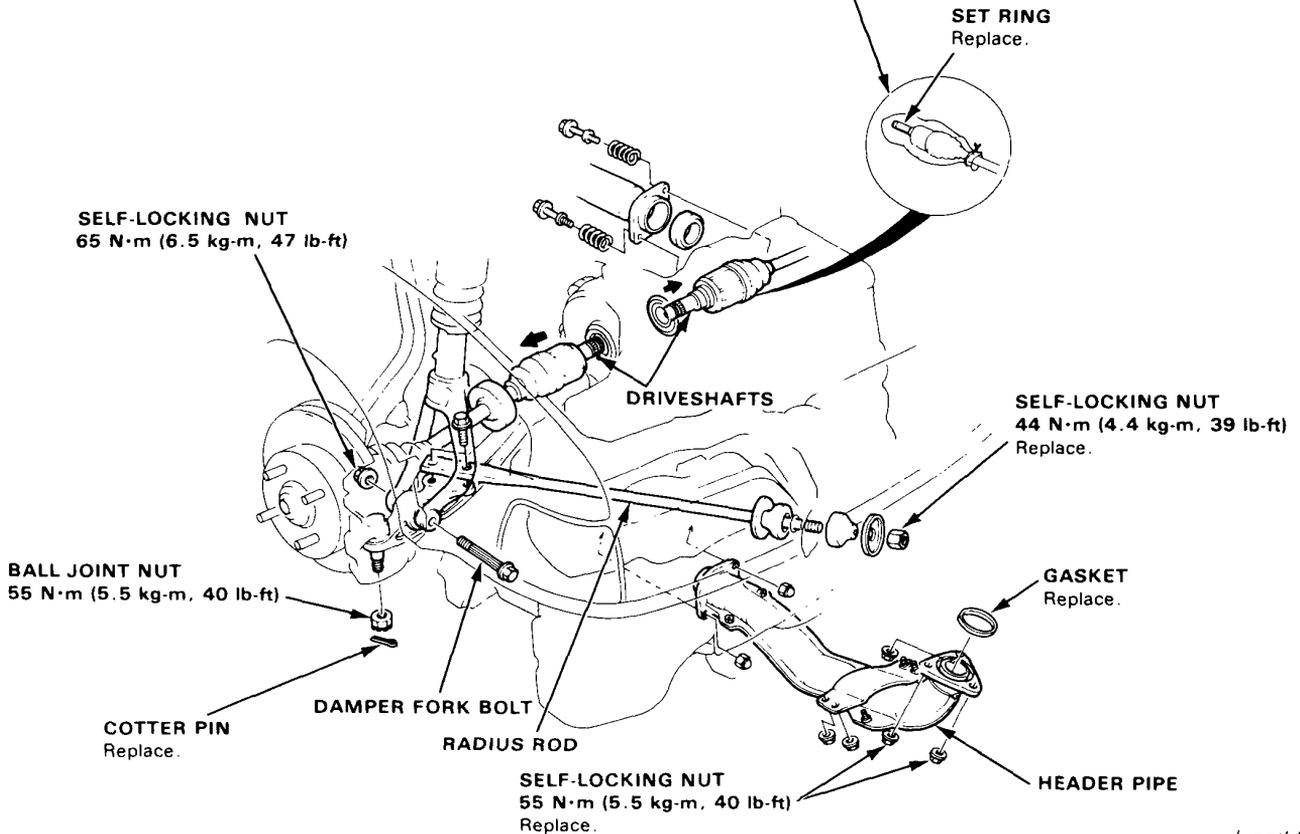
## -Removal (cont'd)

9. Disconnect the connectors and remove the mount bolts, then remove the distributor from the cylinder head.



10. Remove the engine splash shield and the right wheelwell splash shield.
11. Remove the header pipe.
12. Remove the cotter pin and lower arm ball joint nut, separate the ball joint and lower arm.
13. Remove the bolts and nut, then remove the right radius rod.
14. Remove the right and left driveshafts.

NOTE: Coat all precision finished surfaces with clean engine oil or grease.  
Tie plastic bags over the driveshaft ends.



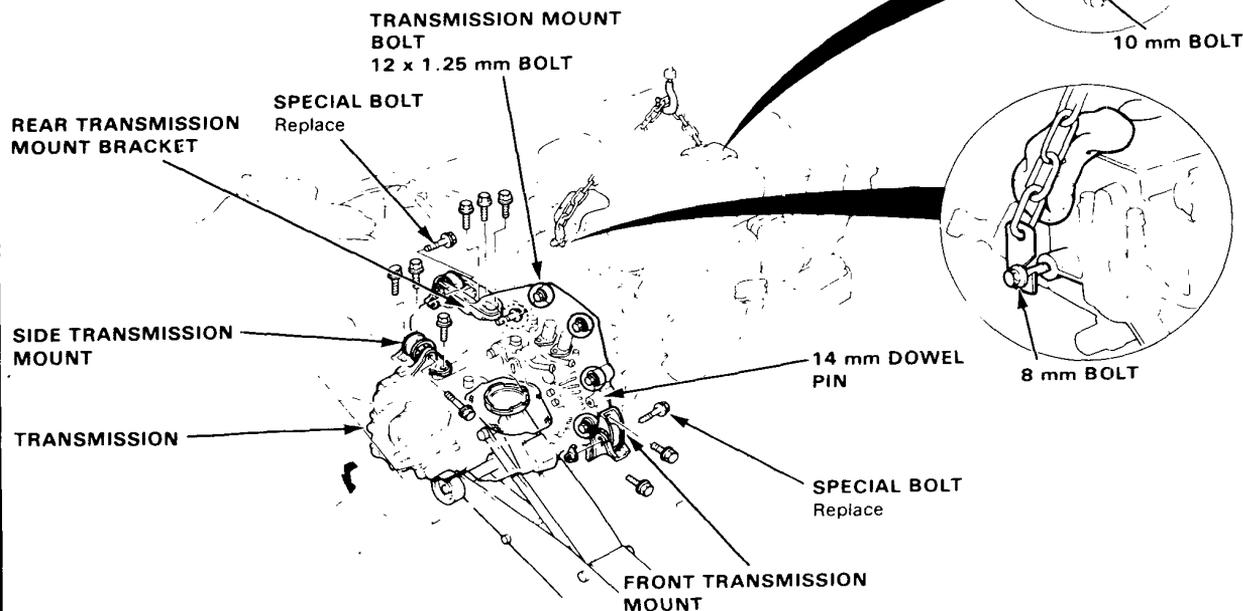
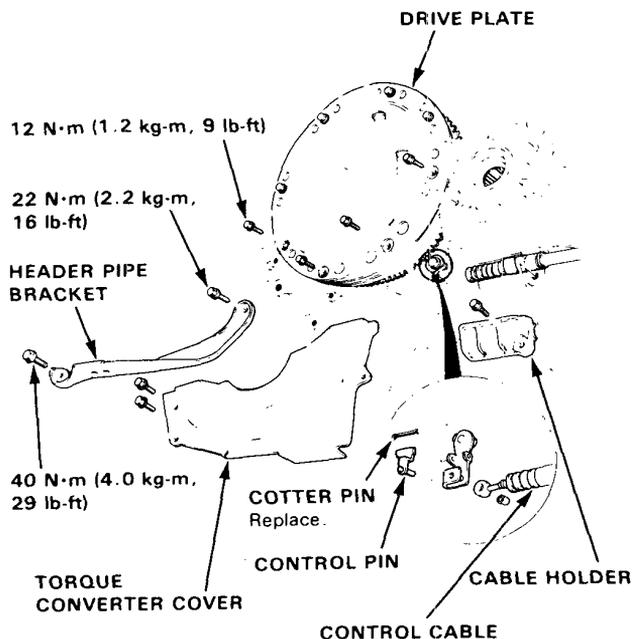
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# Transmission Removal (cont'd)

15. Remove the header pipe bracket, torque converter cover and cable holder.
16. Remove the shift control cable by removing:
  - The cotter pin
  - The control pin
  - The control lever roller from the control lever

**CAUTION:** Take care not to bend the cable when removing it and lift the cable hanging by wire it up to the body.

17. Remove the plug, then remove the drive plate bolts one at a time while rotating the crankshaft pulley.
18. Install the bolts at the cylinder head and attach a hoist chain to the bolt and the other end to the engine hanger plates, then lift the engine slightly to unload the mounts.
19. Place a jack under the transmission and raise transmission just enough to take weight off mounts.
20. Remove the bolts from the front transmission mount.
21. Remove the rear transmission mount bracket by removing the 4 mounting bolts.
22. Remove the 4 mounting bolts, then remove the side transmission mount.
23. Remove the 5 transmission mount bolts.



24. Pull the transmission away from the engine until it clears the 14 mm dowel pins, then lower on the transmission jack.