

# Transmission

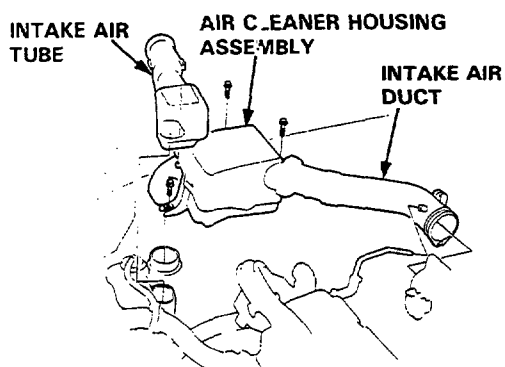
## Removal

### ⚠ WARNING

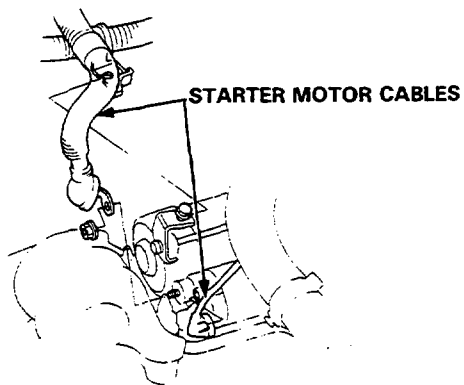
- Make sure lifts, jacks and safety stands are placed properly, and hoist brackets are attached to the correct position on the engine (see section 1).
- Apply parking brake and block rear wheels, so car will not roll off stands and fall on you while working under it.

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

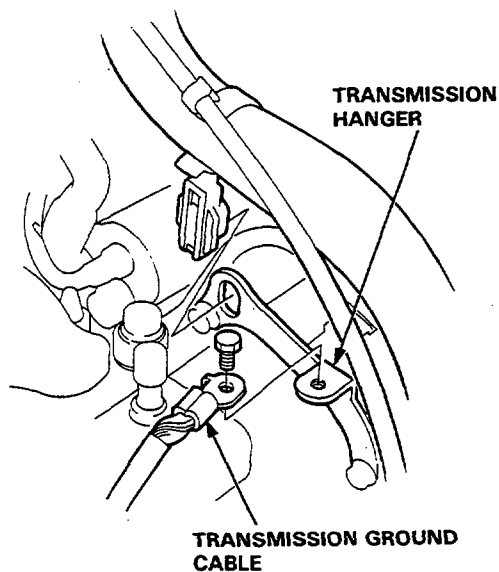
1. Disconnect the battery negative (–) cable first, then the positive (+) cable from the battery.
2. Remove the intake air tube, intake air duct and air cleaner housing assembly.



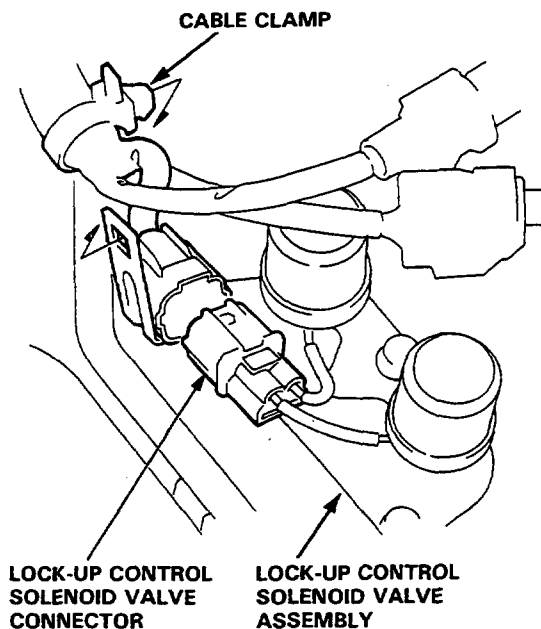
3. Remove the starter motor cables and cable holder from the starter motor.



4. Remove the transmission ground cable from the transmission hanger.

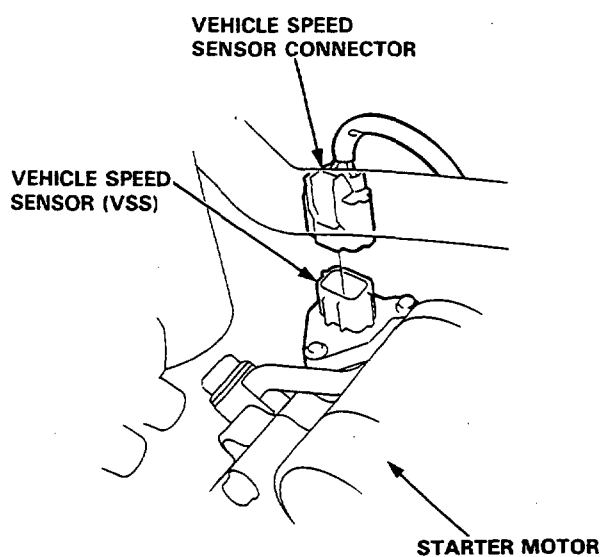


5. Disconnect the lock-up control solenoid valve connector.

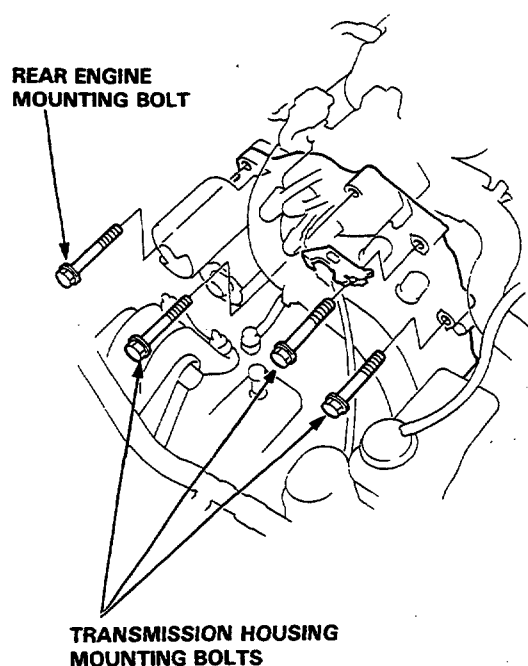




6. Disconnect the vehicle speed sensor (VSS) connector.



7. Remove the transmission housing mounting bolts and rear engine mounting bolt.

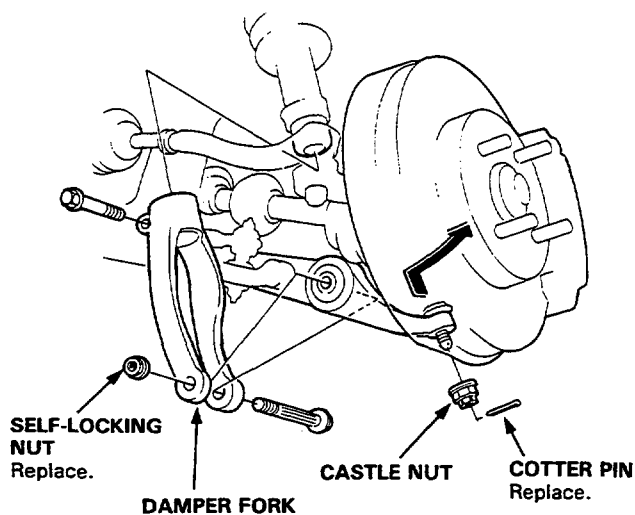


8. Remove the drain plug and drain the automatic transmission fluid (ATF). Reinstall the drain plug with a new sealing washer (see page 14-52).

9. Remove the cotter pins and castle nuts, then separate the ball joints from the lower arm (see Section 18).

10. Remove the damper fork bolts, then separate the damper forks and lower arms.

11. Remove the right damper pinch bolt, then separate the damper fork and damper.

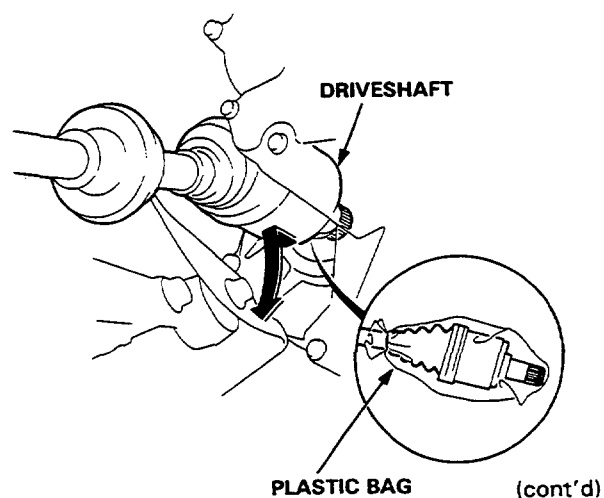


12. Pry the right and left driveshafts out of the differential.

13. Pull on the inboard joint and remove the right and left driveshafts (see Section 16).

14. Tie plastic bags over the driveshaft ends.

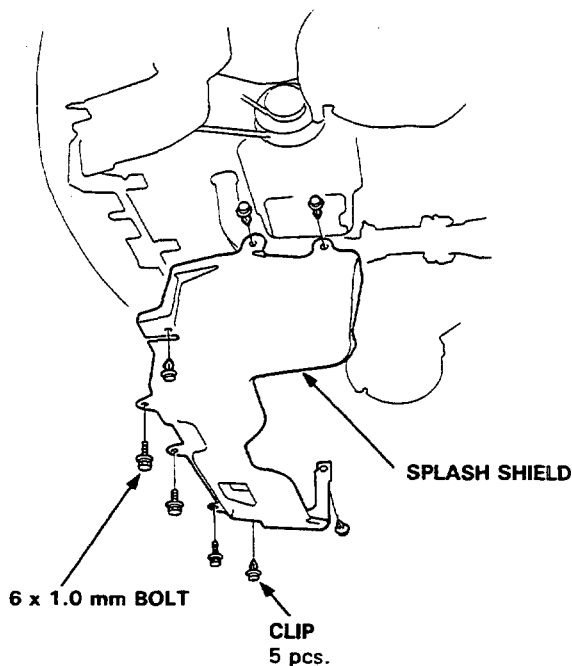
NOTE: Coat all precision finished surfaces with clean engine oil.



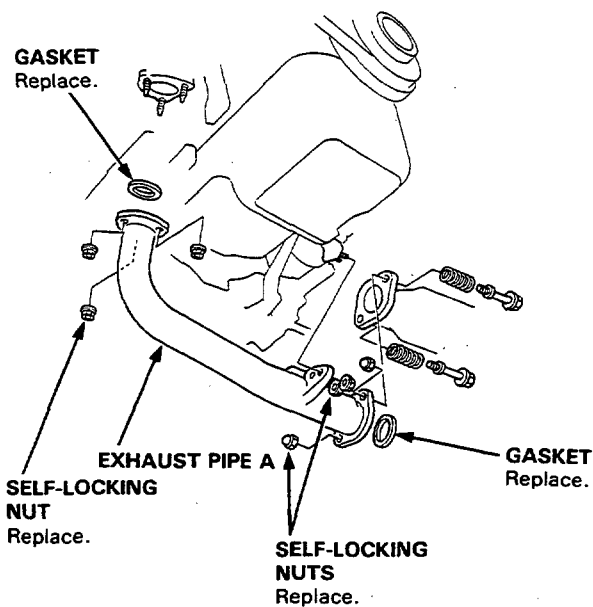
# Transmission

## Removal (cont'd)

15. Remove the splash shield.

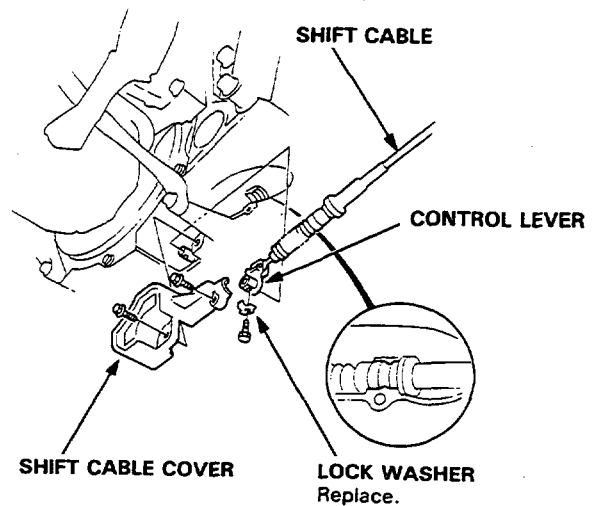


16. Remove the exhaust pipe A.



17. Remove the shift cable cover, then remove the shift cable by removing the control lever.

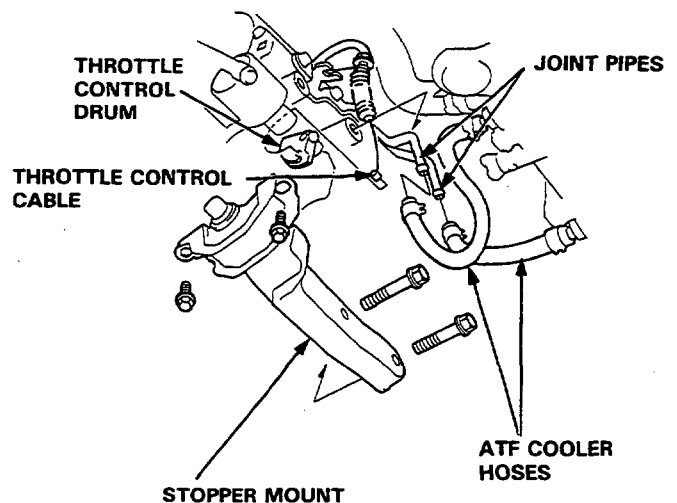
**CAUTION:** Take care not to bend the shift cable while removing it.



18. Remove the stopper mount, then remove the end of the throttle control cable from the throttle control drum.

19. Remove the ATF cooler hoses at the joint pipes. Turn the ends of the cooler hoses up to prevent ATF from flowing out, then plug the joint pipes.

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

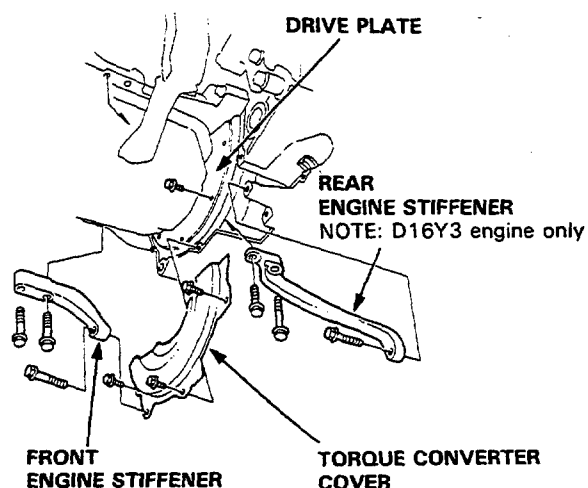




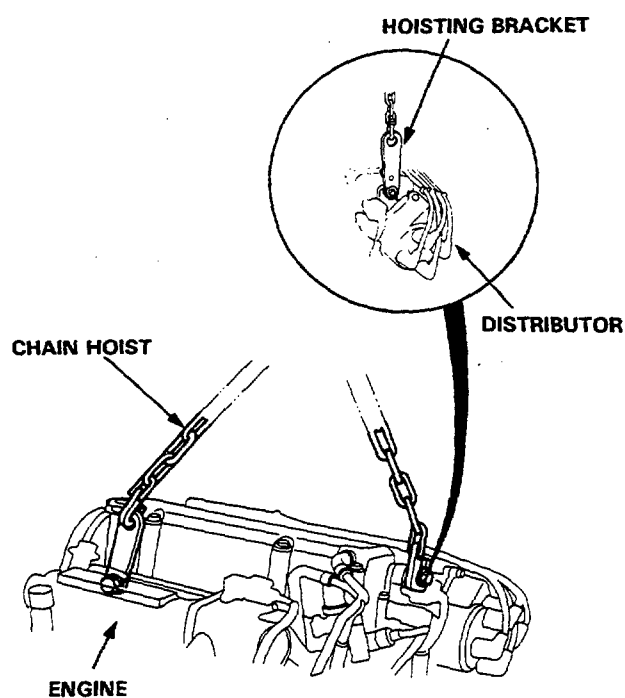
20. Remove the engine stiffeners and torque converter cover.

NOTE: Only the D16Y3 engine uses a rear engine stiffener.

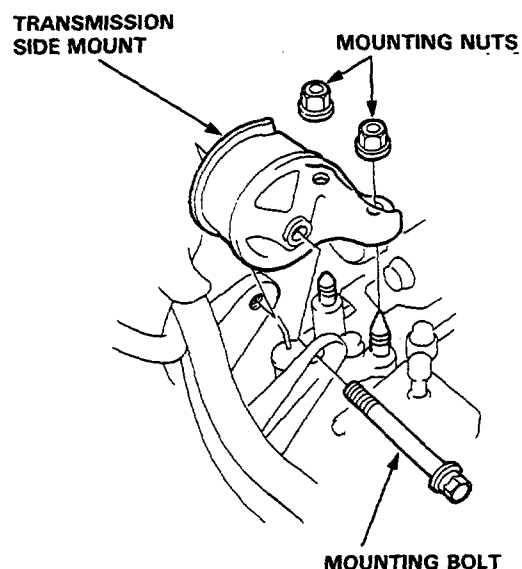
21. Remove the eight drive plate bolts one at a time while rotating the crankshaft pulley.



22. Attach a hoisting bracket to the engine using the distributor mounting bolt, then lift the engine slightly.



23. Place a jack under the transmission and raise the transmission just enough to take weight off of the mounts, then remove the transmission side mount.



24. Remove the transmission housing mounting bolts and rear engine mounting bolts.

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

