

Transmission

Removal

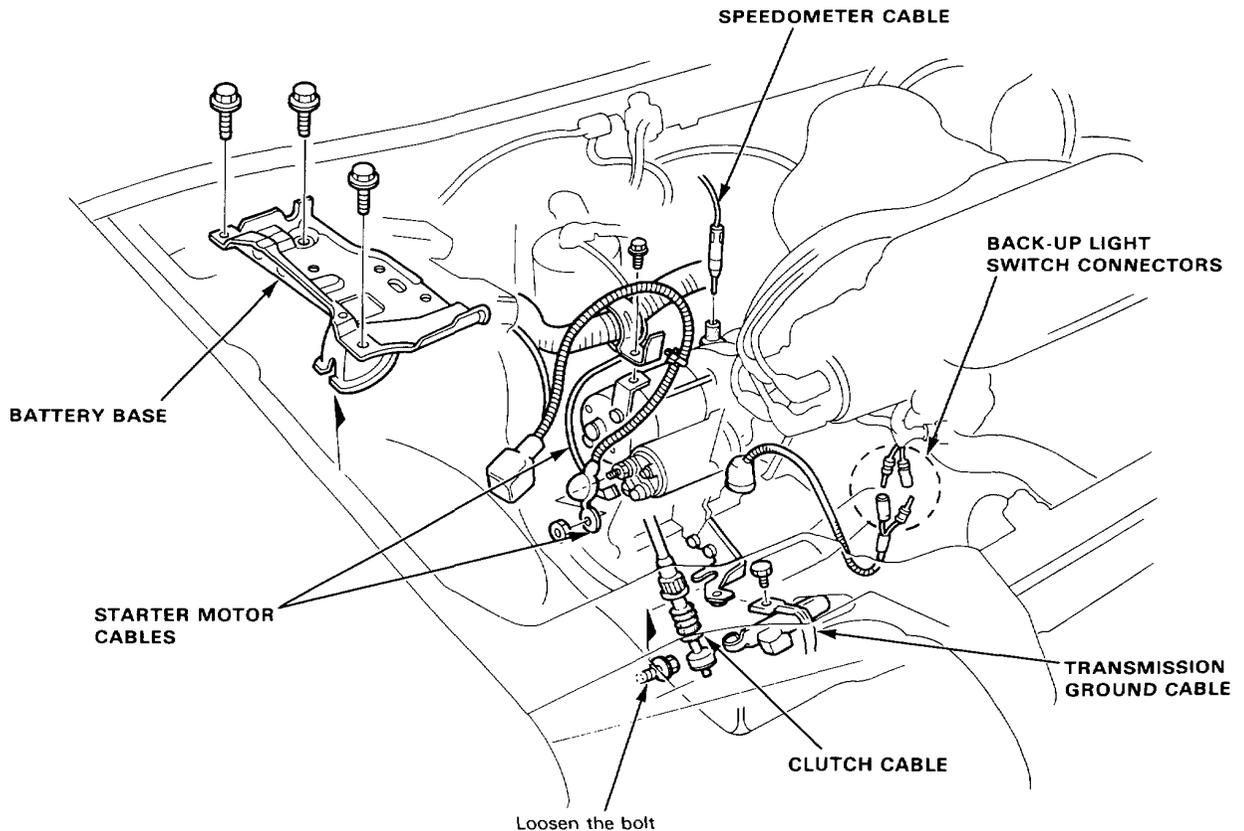
WARNING

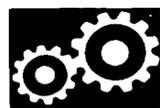
- Make sure jacks and safety stands are placed properly (See Section 1), and hoist brackets are attached to correct positions on the engine (See Section 5).
- Apply parking brake and block rear wheels, so car will not roll off stands and fall on you while working under it.

CAUTION: Use fender covers to avoid damaging painted surfaces.

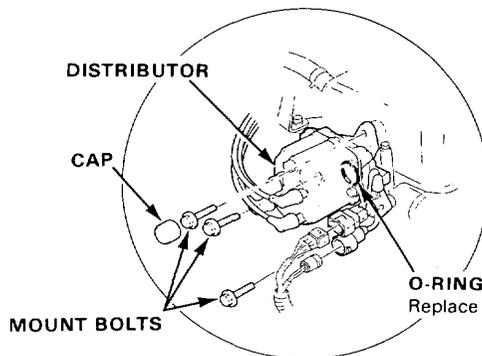
1. Disconnect the battery negative (-) and positive (+) cables from the battery.
 2. Remove the 3 mount bolts and loosen the 1 bolt located at the side of the battery base. Remove the intake hose band of the throttle body.
 3. Remove the air cleaner case complete with the intake hose (See Section 6).
 4. Disconnect the starter motor and transmission ground cables.
 5. Disconnect the speedometer cable.
- NOTE: Do not disassemble speedometer gear holder.

6. Disconnect the back-up light switch connector from the engine.
7. Disconnect the clutch cable at release arm.
8. Drain transmission 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.

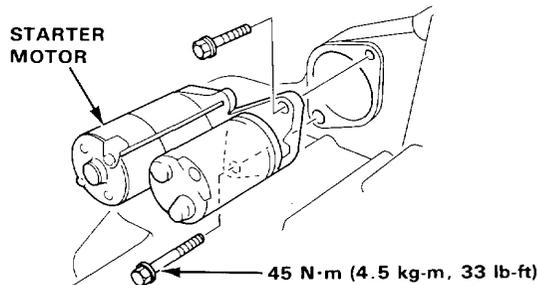




9. Disconnect the connectors and remove the mount bolts, then remove the distributor from the cylinder head.



10. Remove the bolts attaching the starter motor, and remove the starter motor.



11. Remove the engine splash shield and the right wheelwell splash shield.

12. Remove the header pipe.

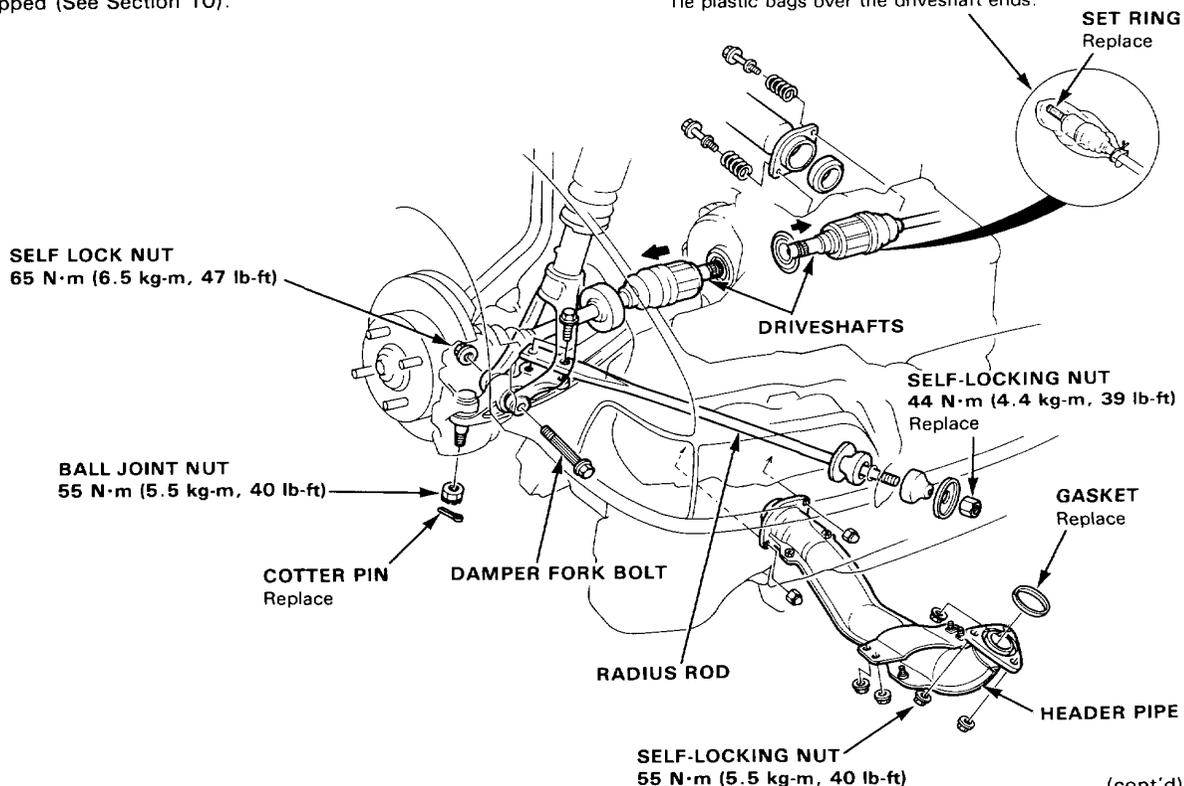
13. Remove the cotter pin and lower arm ball joint nut, separate the ball joint and lower arm.

14. Remove the bolts and nut, then remove the right radius rod.

15. Remove the right driveshaft (See Section 10). Remove the left driveshaft and intermediate shaft if equipped (See Section 10).

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

Tie plastic bags over the driveshaft ends.

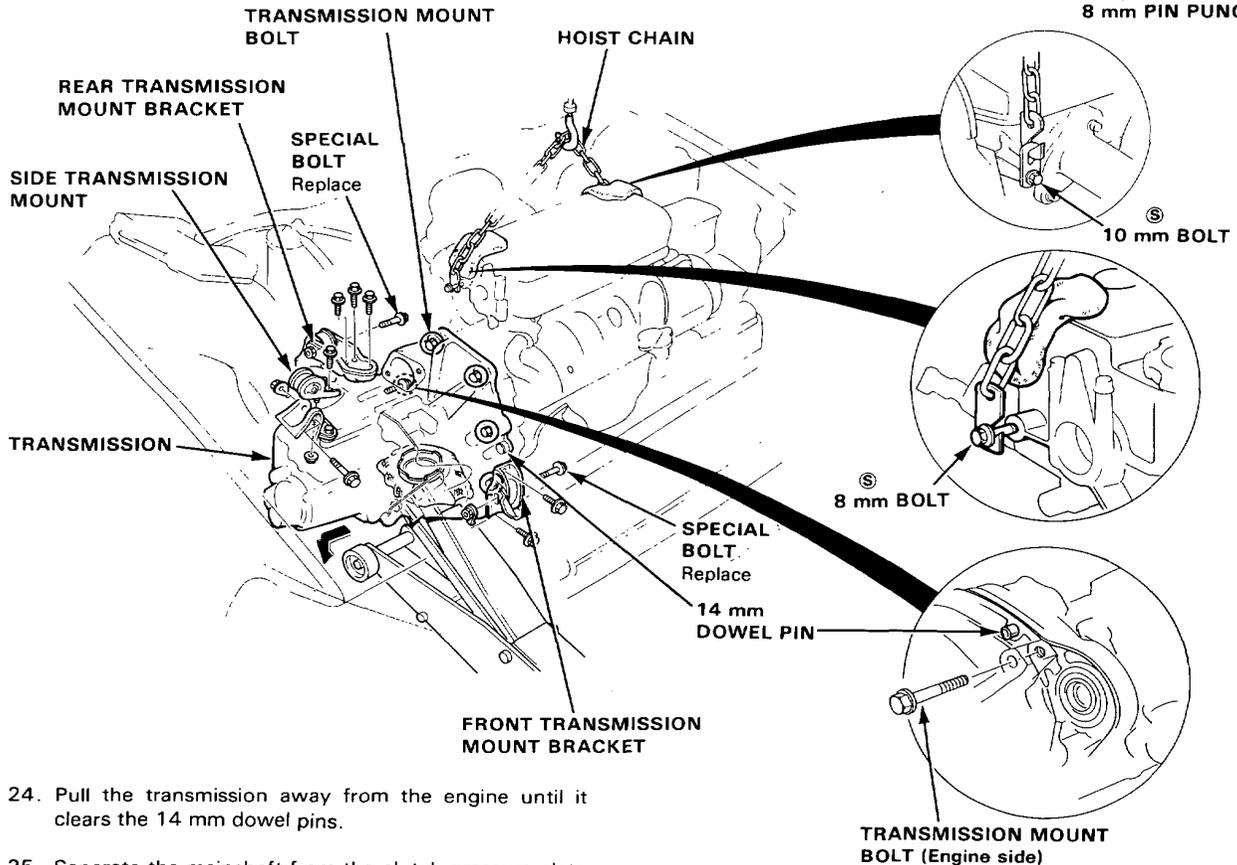
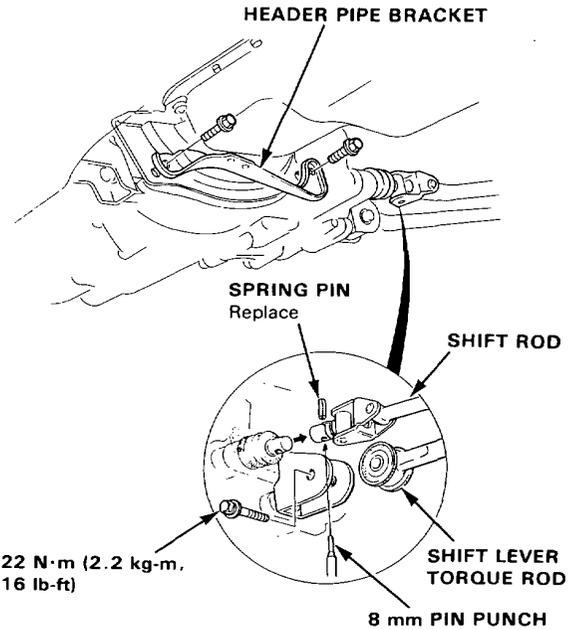


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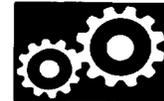
Transmission

Removal (cont'd)

16. Remove the header pipe bracket.
17. Remove the shift lever torque rod and shift rod from clutch housing.
18. Install the bolt ⑤ at the cylinder head and attach a hoist chain to the bolt and the other end to the engine hanger plate ⑥, then lift the engine slightly to unload the mounts.
19. Place a jack under the transmission and raise transmission just enough to take the weight off the 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 bolts and nut, then remove the side transmission mount.
23. Remove the 5 transmission mount bolts.

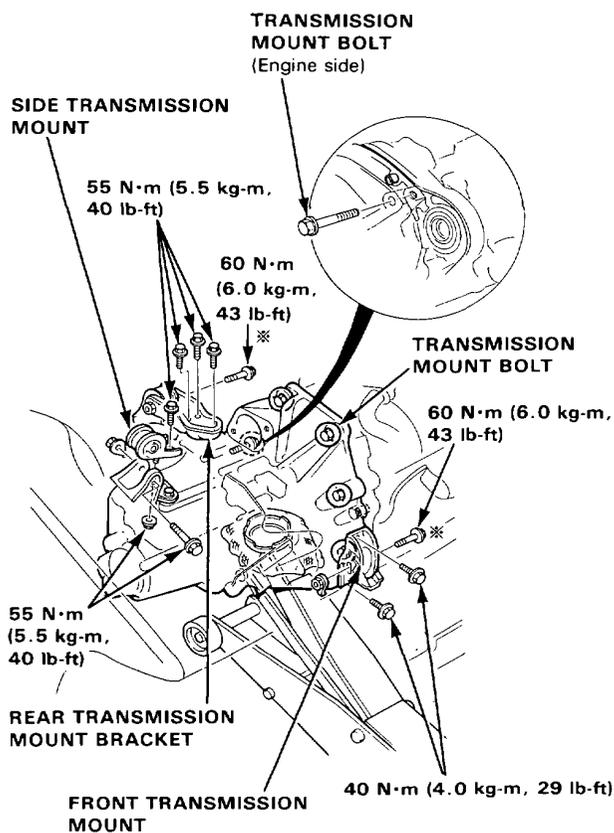


24. Pull the transmission away from the engine until it clears the 14 mm dowel pins.
25. Separate the mainshaft from the clutch pressure plate and remove the transmission by lowering the jack.

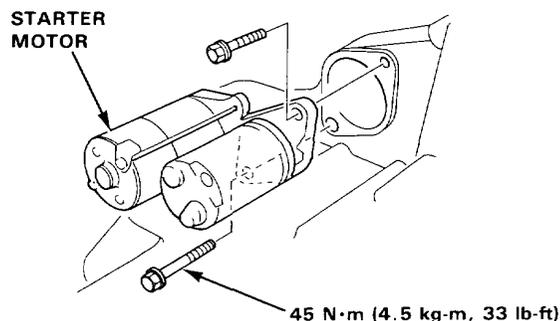


Installation

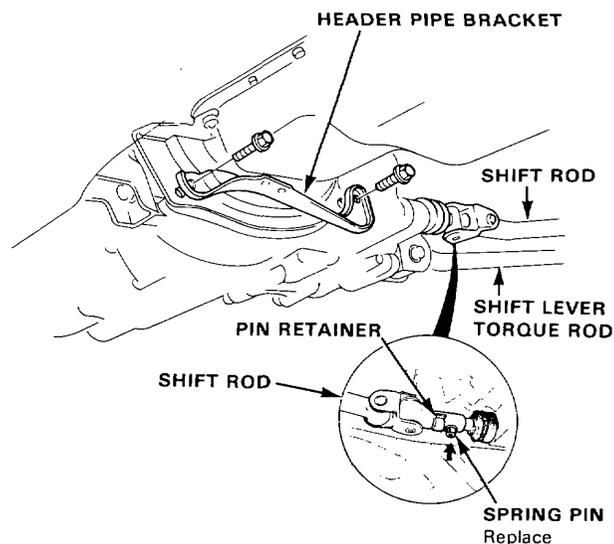
1. Place the transmission on the transmission jack, and raise to the engine level.
2. Check that the two 14 mm dowel pins are installed in the clutch housing.
3. Loosely install the transmission mount bolts, then torque in the sequence shown.
4. Secure the transmission to engine with the engine side mounting bolt (12 x 1.25 x 70 mm) and torque to 68 N·m (6.8 kg-m, 50 lb-ft).
5. Install the transmission to rear transmission mount bracket.
6. Install the transmission to front and side transmission mounts.



7. Install the starter motor.



8. Remove the transmission jack.
9. Remove the chain hoist by removing the hanger plate and 10 mm bolts.
10. Install the shift lever torque rod and shift rod.



NOTE: On reassembly, slide the retainer back into place after driving in the spring pin.

11. Install the header pipe bracket.

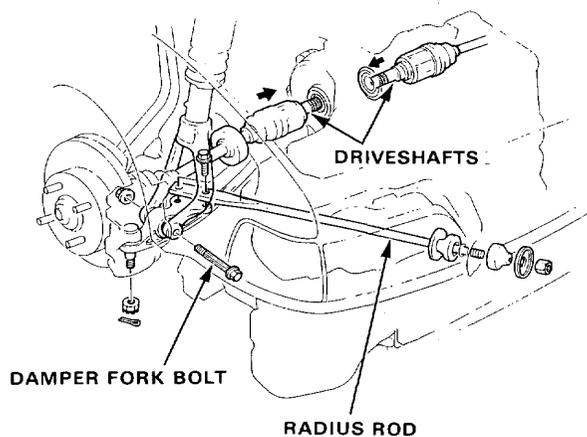
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Transmission

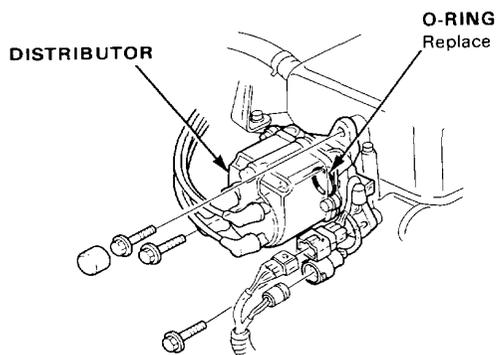
Installation (cont'd)

12. Install a new set rings on the end of each driveshaft.
13. Install the right driveshaft (See Section 10).
Install the left driveshaft and intermediate shaft if removed (See Section 10).

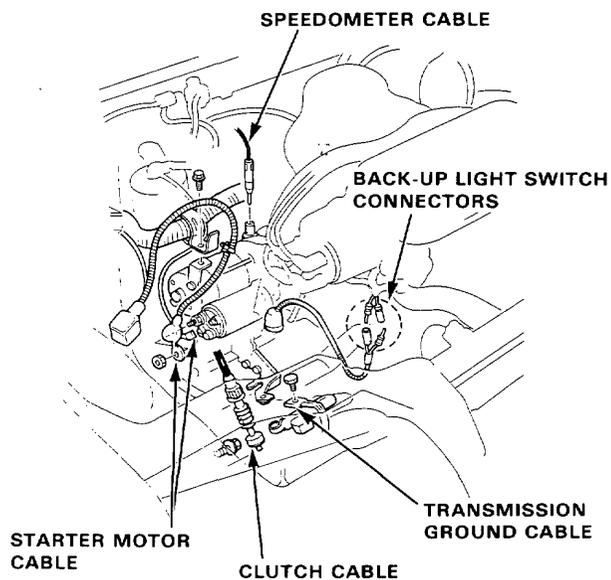
NOTE: Turn the right steering knuckle fully outward, and slide axle into the differential until you feel its spring clip engage side gear.



14. Install the damper fork and radius rod.
15. Install the ball joints to the lower arm.
16. Install the splash shields and exhaust header pipe.
Install the distributor.



17. Connect the speedometer cable.
18. Connect the clutch cable to release arm.
19. Connect the back-up light switch connector.
20. Install the 3 bolts located at the side of the battery base, and retighten the intake hose band of the throttle body.



21. Refill the transmission with oil.
22. Connect the starter motor and transmission ground cables.
23. Connect the battery positive (+) and negative (-) cables to the battery.
24. Install the air cleaner case and intake hose.
25. Check the ignition timing (See Section 16).
26. Check the transmission for smooth operation.