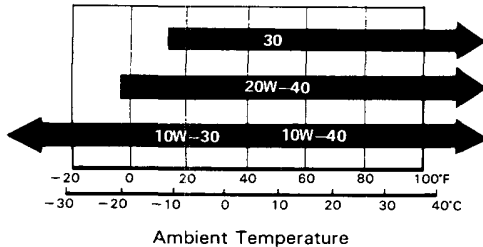


5-Speed Transmission

Maintenance

Oil Change

Change oil every 48,000 km (30,000 miles).
Use only SE or SF grade oil.
Use the proper viscosity oil for the climate.



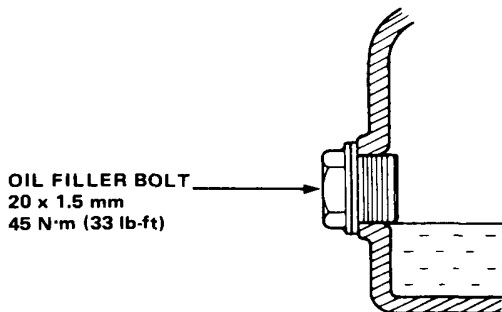
Capacity:

2.3 l (2.4 US qt) after draining

2.5 l (2.6 US qt) after overhaul

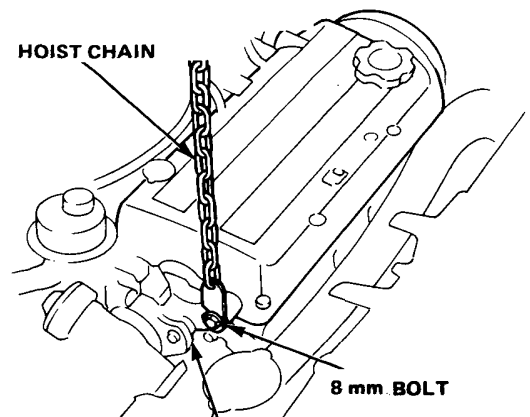
Oil Level Check

1. Check with oil at operating temperature, engine OFF, and car on level ground.
2. Remove oil filler bolt and check level with finger.
3. Oil level must be to fill hole. If it is below hole, add oil until it runs out, then reinstall bolt.



Removal

1. Disconnect the ground cable at battery and at transmission.
2. Release the steering lock and put gear shift lever in neutral.
3. Disconnect the engine compartment wiring:
 - Battery positive cable from starter.
 - Black/white wire from starter solenoid.
 - Green/black and yellow wires from back-up light switch.
 - Transmission ground cable.
4. Remove the speedometer cable by removing clip. Do not disassemble speedometer gear holder.
5. Disconnect the clutch cable at release arm.
6. Remove the transmission side starter mounting bolts and top transmission bolts.
7. Loosen the front wheel lug nuts.
8. Apply the parking brake, block the rear wheels, then raise the front end on jack stands and remove the front wheels.
9. Attach a chain hoist to the bolt shown, then raise the engine a sight amount to unload the mounts.

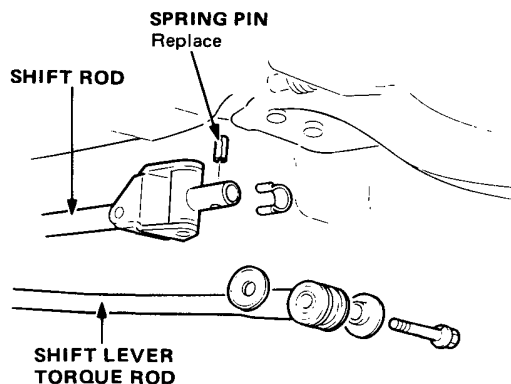


10. Drain the transmission oil. Reinstall the drain plug and washer.
11. Disconnect the right and left lower arm ball joints and tie-rod end ball joints using Ball Joint Remover Tool.

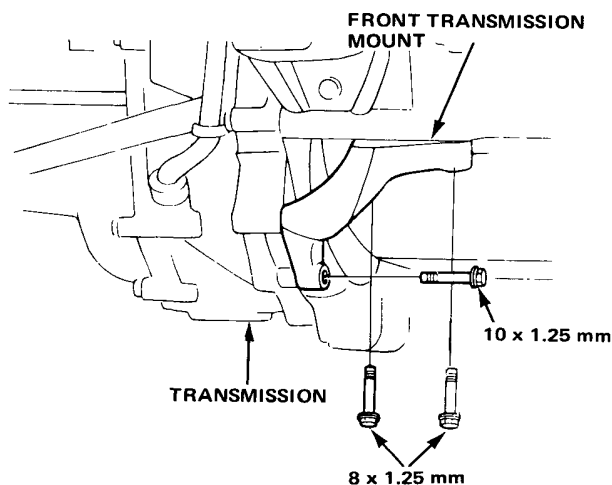
CAUTION: Make sure the floor jack is positioned securely under the lower control arm, at the ball joint. Otherwise, torsion bar tension on the lower control arm may cause the arm to "jump" suddenly away from the steering knuckle as the ball joint is being removed.



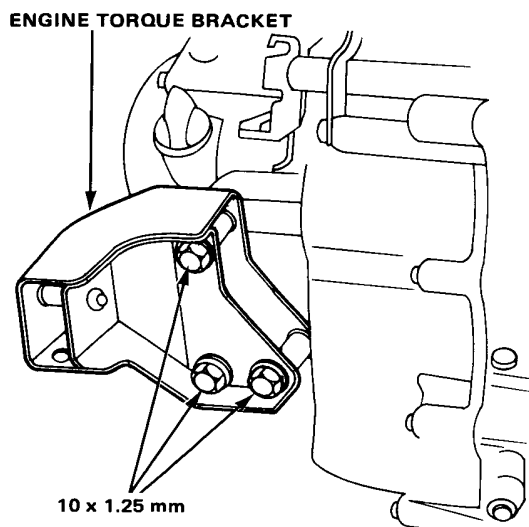
12. Remove the engine splash shield and the right side wheel well splash shield. (page 5-2).
13. Disconnect the header pipe at the exhaust manifold. (page 5-11).
14. Turn the right steering knuckle outward as far as it will go. With screwdriver against inboard CV joint, pry right axle out of transmission housing approximately 1/2 inch (to force its spring clip out of groove inside differential gear splines), then pull it out the rest of the way. Repeat on opposite side, or, with driver's side connected, pry left axle out of transmission during Step. 20.
15. Disconnect the shift lever torque rod from clutch housing.



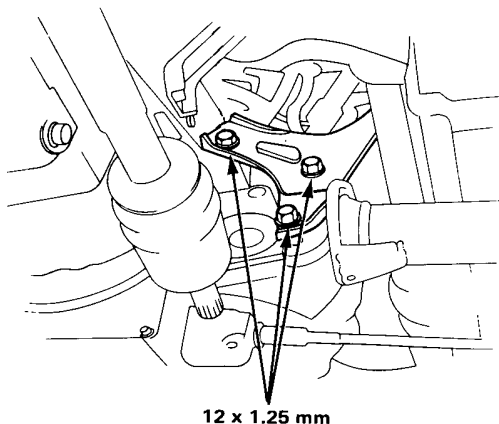
16. Slide pin retainer back, drive out spring pin using a pin punch, then disconnect shift rod.
17. Place a jack under the transmission and raise transmission just enough to take weight off mounts.
18. Remove the bolts from the front transmission mount.



19. Remove the transmission housing bolts from the engine torque bracket.



20. Remove the clutch housing bolts from the rear transmission mount.



21. Remove the two transmission bolts.
22. Pull the transmission away from engine until mainshaft clears clutch pressure plate, then lower on transmission jack.