

# Maintenance

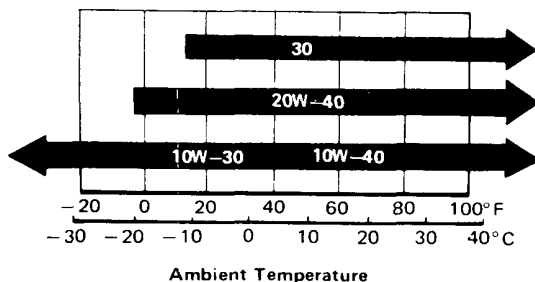
## Transmission Oil

### Oil Level Inspection

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

### Oil Change

Change oil every 48,000 km (30,000 miles).  
Use only SAE30, 10W-30, 10W-40, or 20W-40 weight oil rated SE or SF grade.



1. With transmission oil at operating temperature, engine OFF, and car on level ground, remove drain plug and drain transmission.
2. Reinstall drain plug with new washer, and refill to proper level.

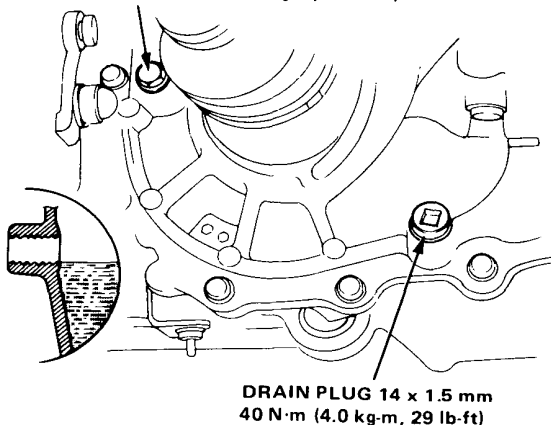
NOTE: Drain plug washer should be replaced at every oil change.

### Oil Capacity

- 2.3 l (2.4 U.S. qt.) after drain.
- 2.4 l (2.5 U.S. qt.) after overhaul.

#### OIL FILLER PLUG

20 x 15 mm 45 N·m (4.5 kg-m, 33 lb-ft)

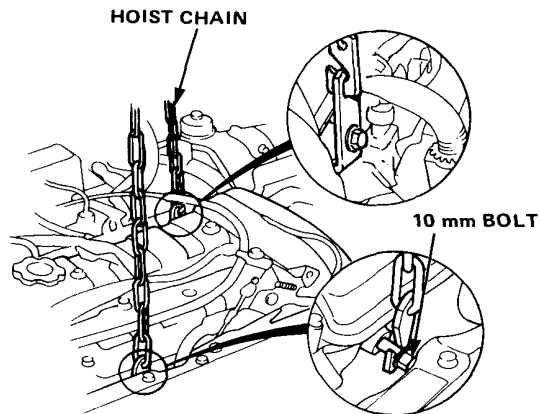


DRAIN PLUG 14 x 1.5 mm  
40 N·m (4.0 kg-m, 29 lb-ft)

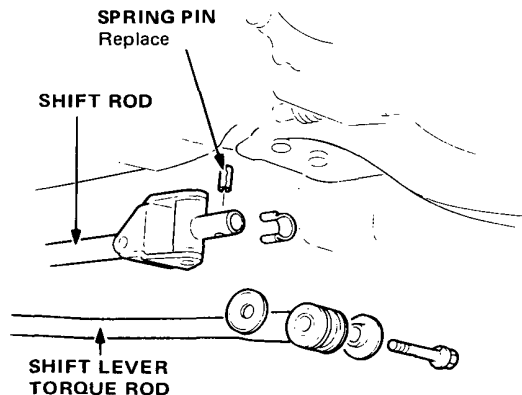
# Transmission Assy

## Removal

1. Disconnect the ground cable at battery and at transmission.
2. Release the steering lock and put gearshift 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.
4. Remove the speedometer cable by removing clip. Do not disassemble speedometer gear holder.
5. Disconnect the clutch cable at release arm.
6. Drain the transmission oil. Reinstall the drain plug and washer.
7. Remove the right and left driveshafts and intermediate shaft (see section 16).
8. Screw a 10 mm bolt at engine block and attach a hoist chain to the bolt; attach the other end of the chain on the opposite side, to the engine hanger plate, then lift the engine slightly to take the weight off the mounts.



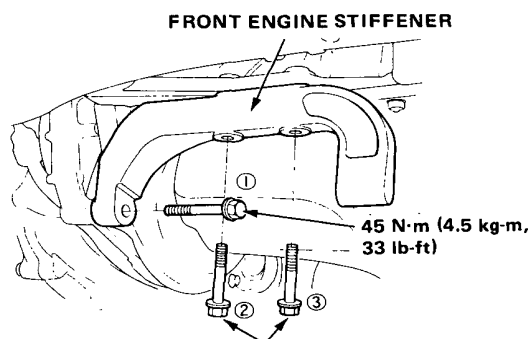
9. Remove the engine under cover and splash shield (see section 5).
10. Disconnect the header pipe at exhaust manifold (see section 5).
11. Disconnect the shift lever torque rod from clutch housing.



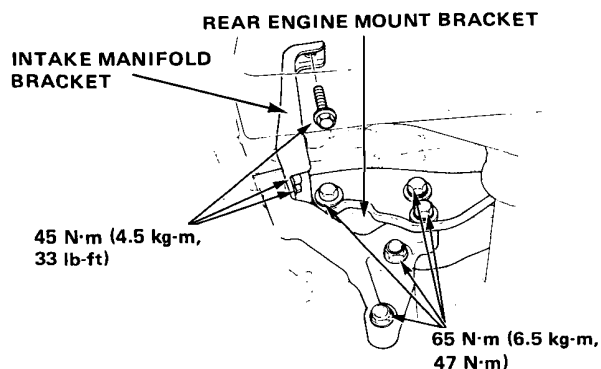


12. Slide pin retainer back, drive out the spring pin using a pin punch, then disconnect shift rod.
13. Place a jack under the transmission and raise transmission just enough to take weight off mounts.
14. Remove the bolts from the front transmission mount at the front engine stiffener.

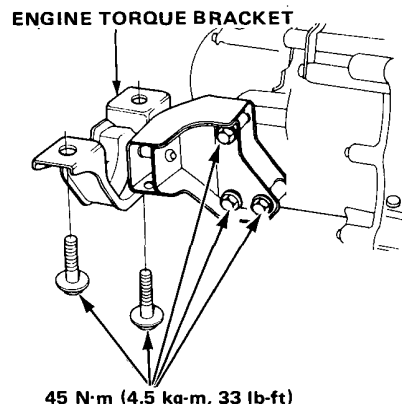
**CAUTION:** When installing, tighten the bolts in the sequence shown in steps 1-3.



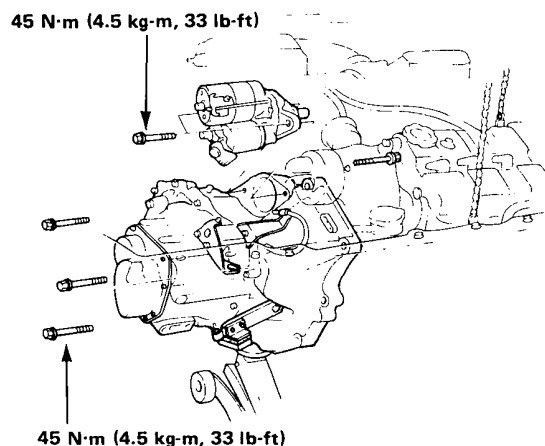
15. Remove the intake manifold bracket and rear engine mount bracket.



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



17. Remove the bolts attaching the starter motor, and remove the starter motor.
18. Remove the rest of the transmission mount bolts.



19. Pull the transmission away from the engine until it clears the 14 mm dowel pins, then lower on the transmission jack.
20. Separate the mainshaft from the clutch pressure plate and remove the transmission by lowering the jack.