

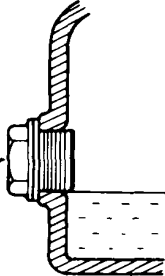
# Maintenance

## 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 FILLER PLUG**  
45 N·m (4.5 kg-m, 33 lb-ft)



### Oil Change

Use only SAE 10W-30 or 10W-40 oil rated SE or SF grade.

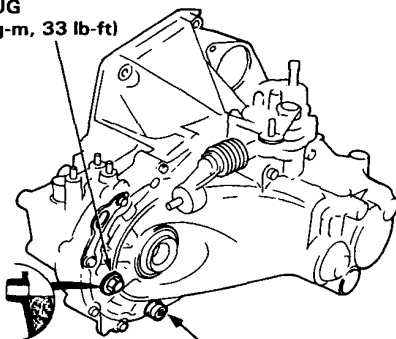
1. With transmission oil at operating temperature, engine OFF, and car on level ground, remove drain plug and drain transmission.
2. Reinstall drain plug with new washer, and refill to proper level.

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

### Oil Capacity

- 2.1 ℓ (2.2 U.S. qt.) after drain.
- 2.2 ℓ (2.3 U.S. qt.) after overhaul.

**OIL FILLER PLUG**  
45 N·m (4.5 kg-m, 33 lb-ft)



**DRAIN PLUG**  
40 N·m (4.0 kg-m, 29 lb-ft)

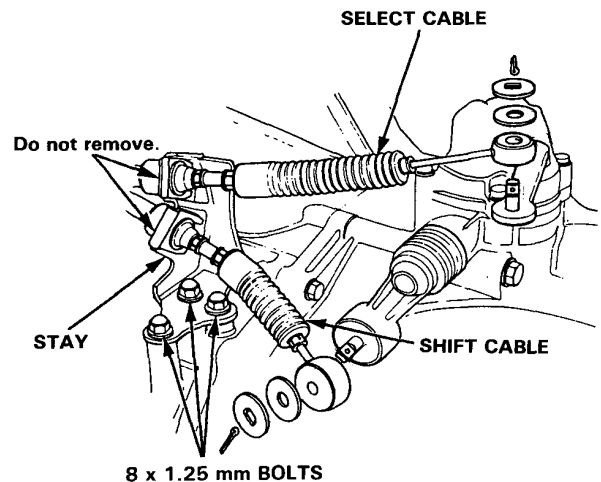
# Transmission Assembly

## Removal

1. Disconnect the ground cable at the battery and the transmission.
2. Disconnect the wiring for:
  - Starter motor.
  - Back-up light switch
3. Remove the air cleaner case (PGM-FI only).
4. Remove the power steering speed sensor from the transmission without removing the power steering hoses.
5. Remove the shift cable and the select cable from the top cover of the transmission. Remove the mounting bolt from the cable stay.

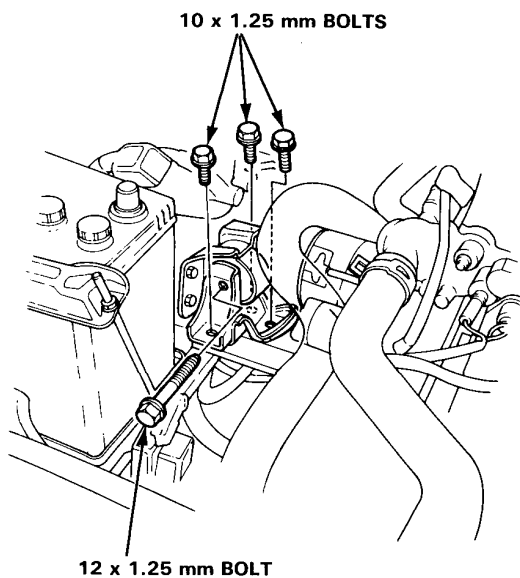
### NOTE:

Do not bend or kink the cable more than necessary. Remove both cables and the stay together.

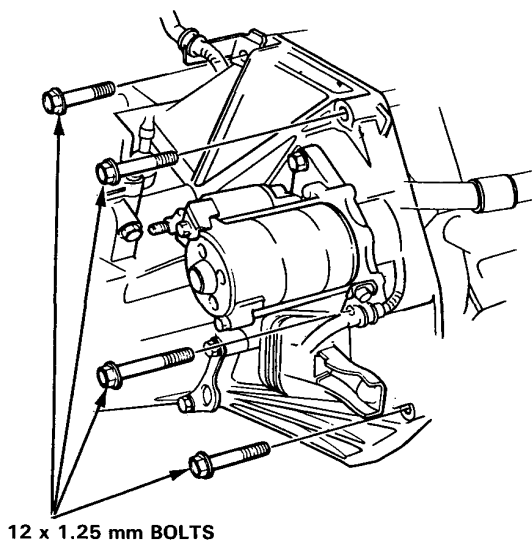




6. Remove the upper transmission mounting bracket.



7. Remove the 4 transmission-to-block attachment bolts that must be removed from the engine compartment.



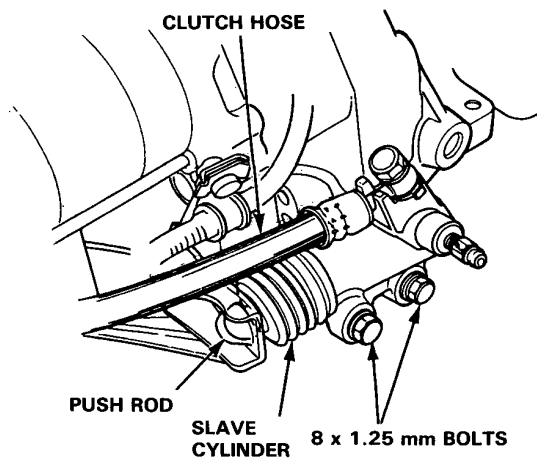
8. Raise the vehicle from reinforced lift points.

9. Remove both front wheels.

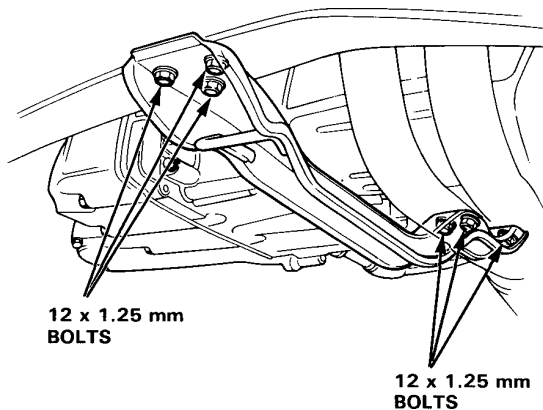
10. Remove the undercarriage splash shield.

11. Drain transmission oil.

12. Remove the clutch slave cylinder.



13. Remove the center beam.

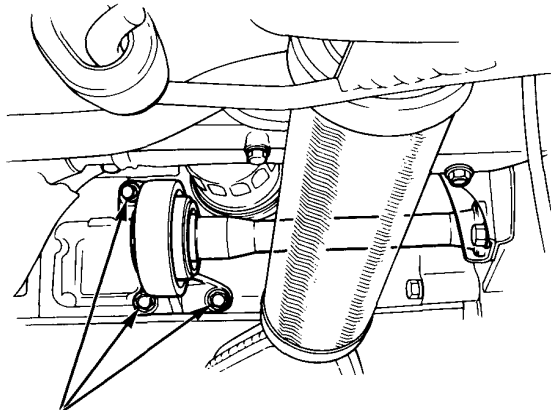


(cont'd)

# Transmission Assembly

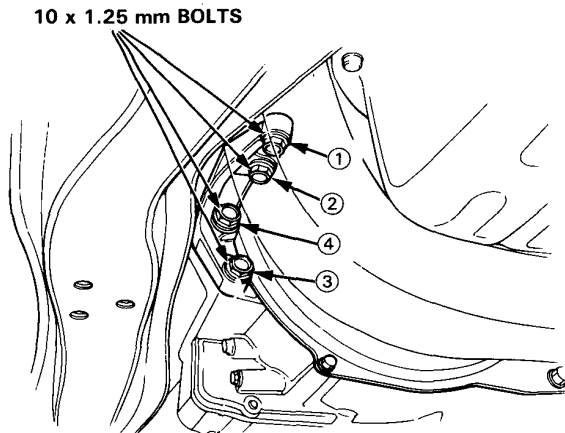
## Removal (cont'd)

14. Remove the right radius rod completely.
15. Remove right and left drive shaft.
16. Remove the intermediate shaft.



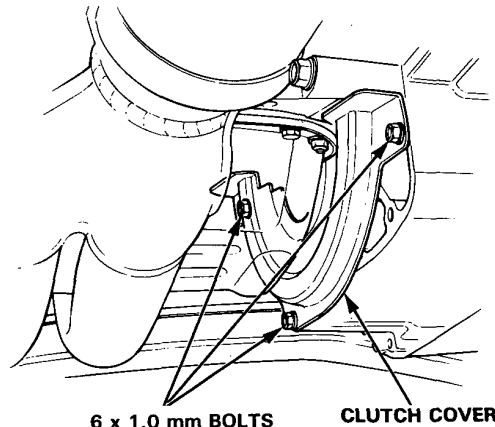
10 x 1.25 mm BOLTS

17. Remove the engine stiffener.



10 x 1.25 mm BOLTS

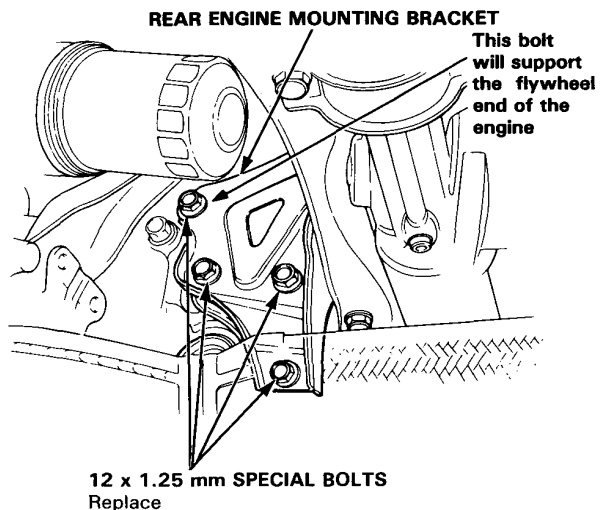
18. Remove the clutch cover.



6 x 1.0 mm BOLTS

CLUTCH COVER

19. Support transmission with an appropriate jack.
20. Remove the 3 lower bolts from the rear engine mounting bracket.  
Loosen but do not remove the top bolt. This bolt will support the weight of the engine.



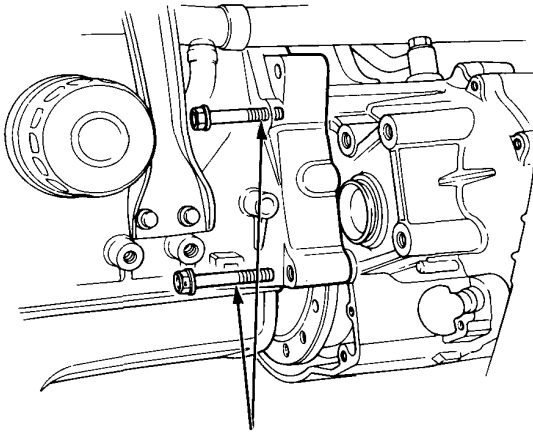
REAR ENGINE MOUNTING BRACKET

This bolt will support the flywheel end of the engine

12 x 1.25 mm SPECIAL BOLTS  
Replace



21. Remove the 2 remaining engine-to-transmission mounting bolts.



**12 x 1.25 mm BOLTS**  
Replace

22. With the transmission on an appropriate jack, disengage the input shaft from the clutch disc.