

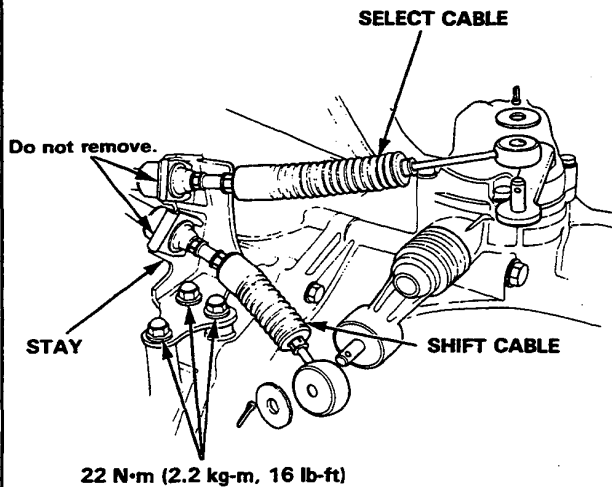
Transmission Assembly

Removal

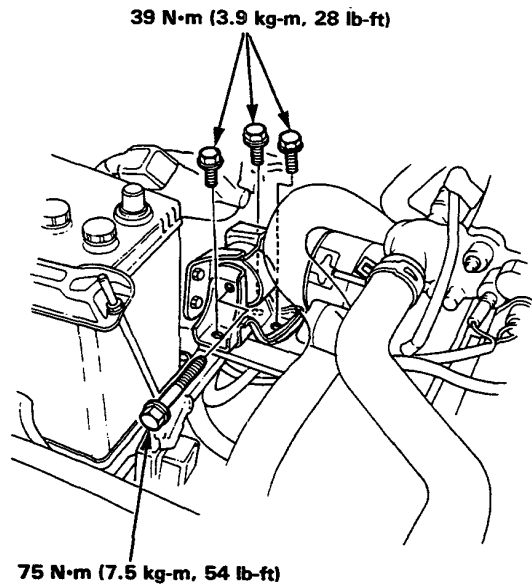
1. Disconnect the ground cable at the battery and the transmission.
2. Disconnect the wiring for:
 - Starter motor.
 - Back-up light switch
3. Remove the air cleaner case (PGM-FI only).
4. Remove the power steering speed sensor from the transmission without removing the power steering hoses.
5. Remove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

NOTE:

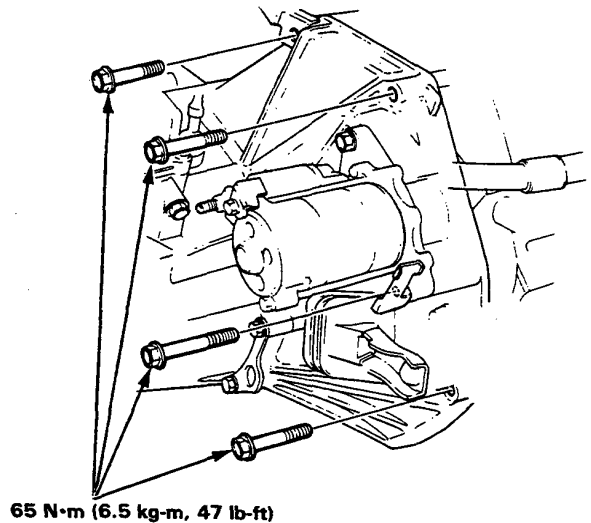
Do not bend or kink the cable more than necessary. Remove both cables and the stay together.



6. Remove the upper transmission mounting bracket.

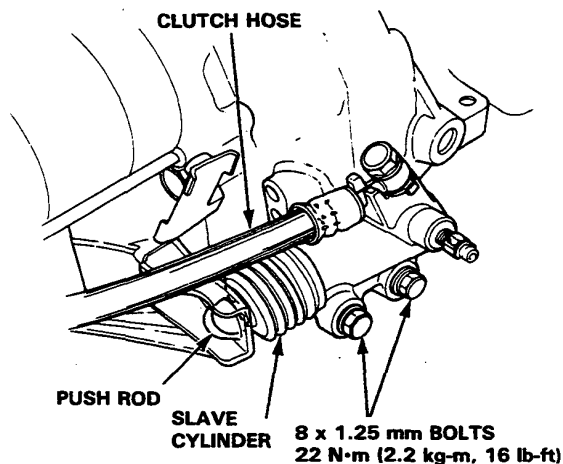


7. Remove the 4 transmission-to-block attachment bolts that must be removed from the engine compartment.

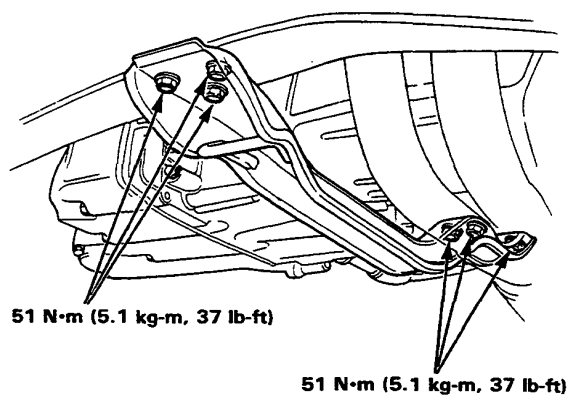




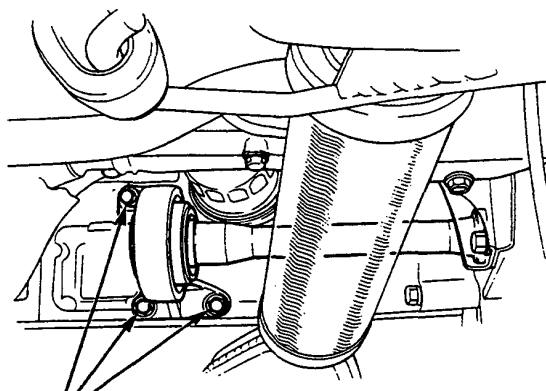
8. Raise the vehicle from reinforced lift points.
9. Remove both front wheels.
10. Remove the undercarriage splash shield.
11. Drain transmission oil.
12. Remove the clutch slave cylinder.



13. Remove the center beam.

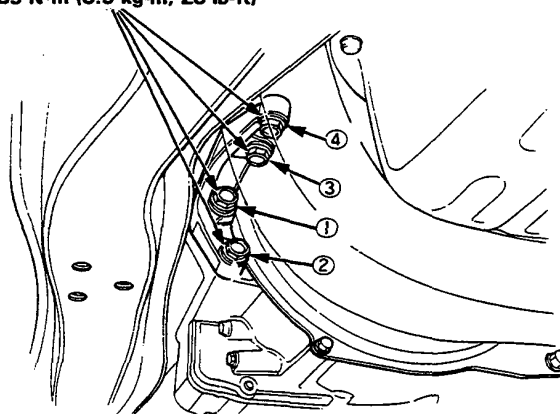


14. Remove the right radius rod completely.
15. Remove right and left drive shaft.
16. Remove the left half shaft.



17. Remove the engine stiffener.

39 N·m (3.9 kg-m, 28 lb-ft)

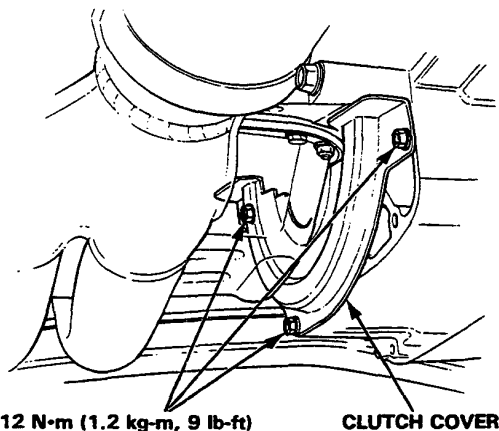


(cont'd)

Transmission

Removal (cont'd)

18. Remove the clutch cover.

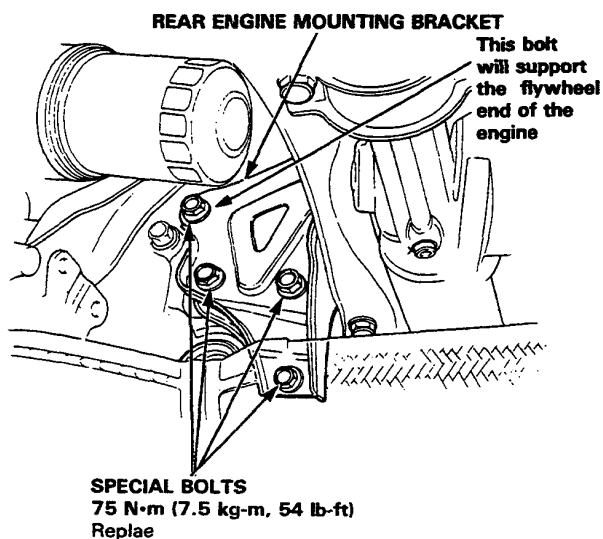


12 N·m (1.2 kg-m, 9 lb-ft)

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.

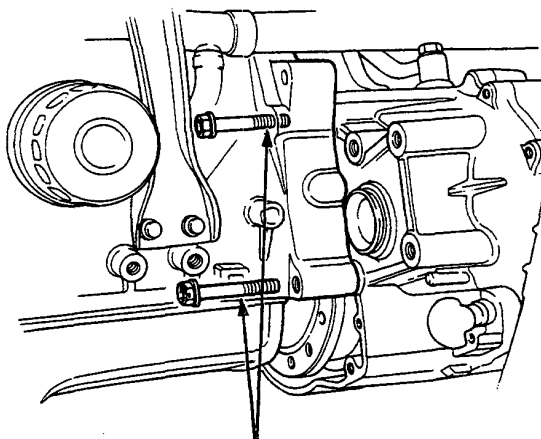


REAR ENGINE MOUNTING BRACKET

This bolt will support the flywheel end of the engine

SPECIAL BOLTS
75 N·m (7.5 kg-m, 54 lb-ft)
Replace

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



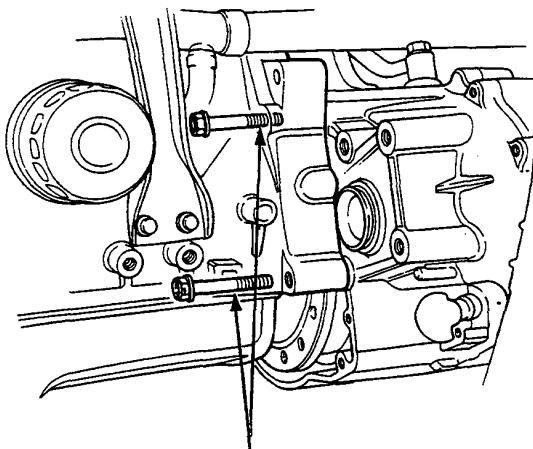
12 x 1.25 mm BOLTS
65 N·m (6.5 kg-m, 47 lb-ft)
Replace

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



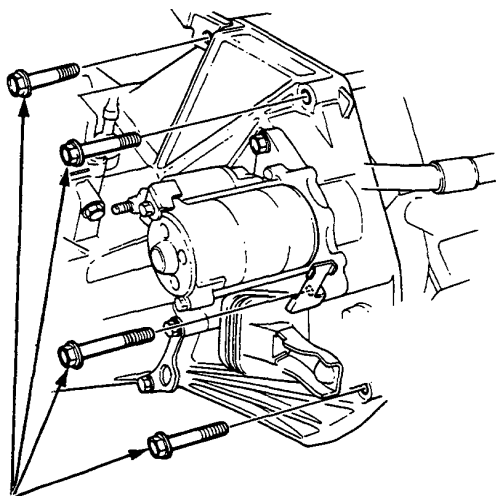
Installation

1. Attach the 14 mm dowel pin to the transmission.
2. Support the transmission with a jack or by some other means.
3. Tighten the transmission mount bolt on the engine side.



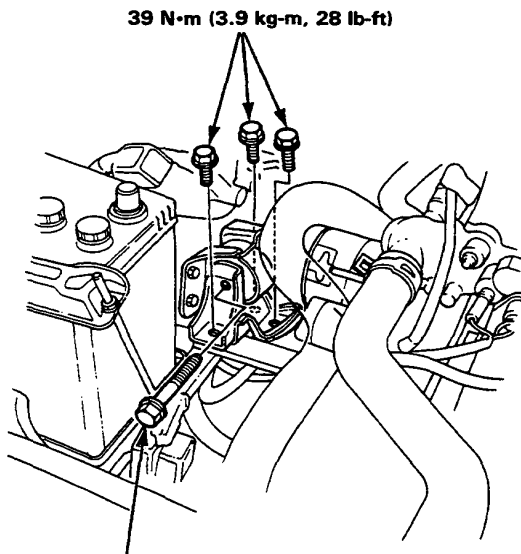
12 x 1.25 mm BOLT
65 N·m (6.5 kg-m, 47 lb-ft)
Replace

4. Tighten the transmission mount bolt on the transmission side.



12 x 1.25 mm BOLT
65 N·m (6.5 kg-m, 47 lb-ft)

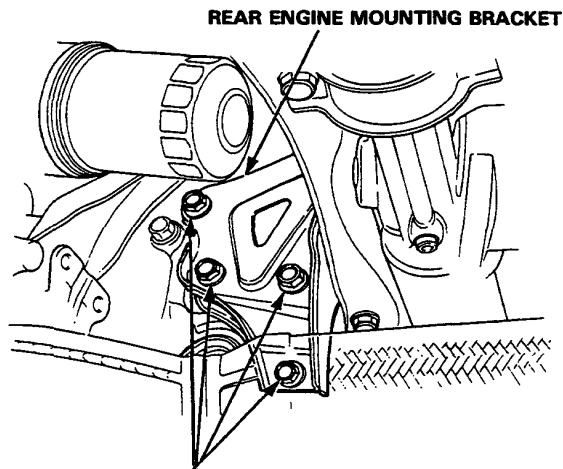
5. Attach the transmission mounting bracket.



39 N·m (3.9 kg-m, 28 lb-ft)

75 N·m (7.5 kg-m, 54 lb-ft)

6. Attach the transmission fixing bolt to the rear engine mounting bracket and tighten it.



REAR ENGINE MOUNTING BRACKET

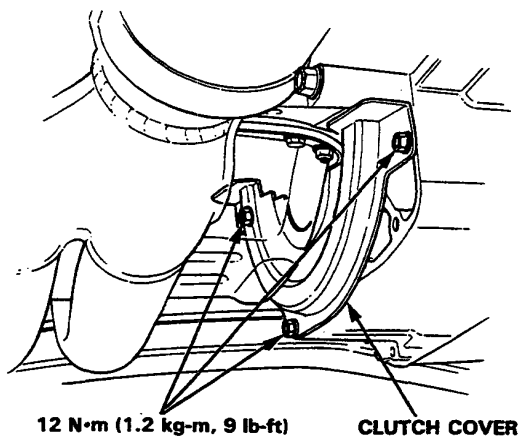
SPECIAL BOLTS
75 N·m (7.5 kg-m, 54 lb-ft)
Replace

(cont'd)

Transmission

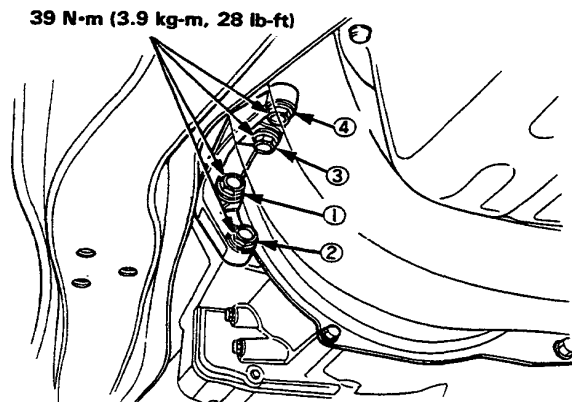
Installation (cont'd)

7. Attach the clutch cover.



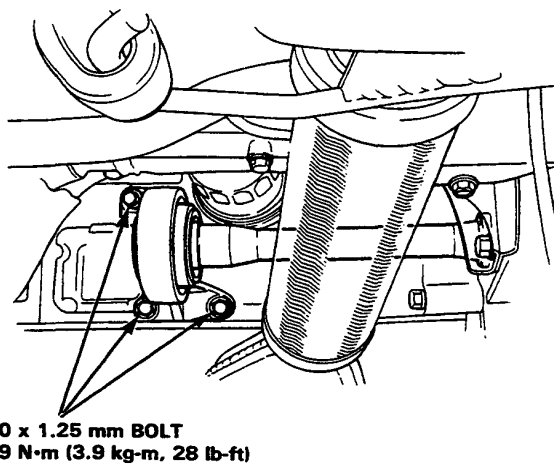
8. Attach the engine stiffener.

NOTE: Tighten bolts ① to ④ in order to torque specified below.

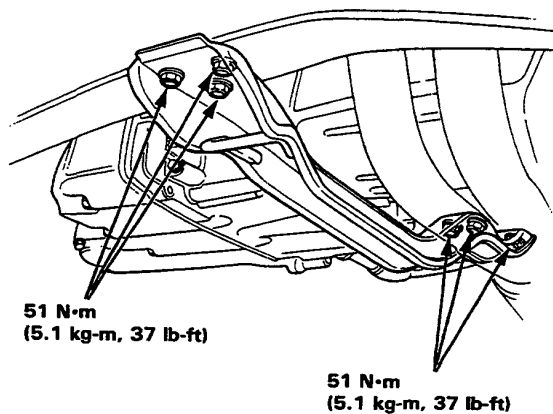


9. Attach the intermediate shaft.

10. Attach the right and left drive shaft.

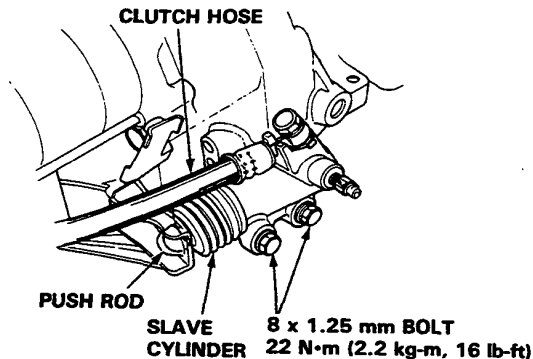


11. Attach the center beam.

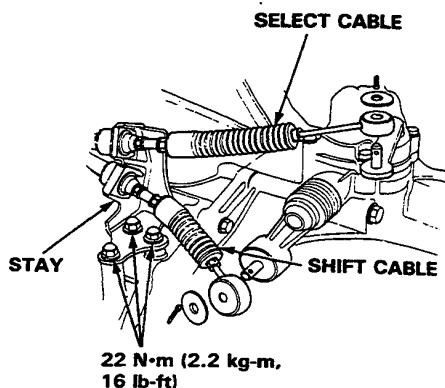




12. Attach the clutch slave cylinder with the clutch hose and push rod.



13. Attach the transmission side shift cable and select cable to the shift arm lever and to select lever respectively.
14. Connect the back-up light switch coupler.
15. Attach the right and left front damper forks.
16. Attach the speed sensor assembly.
17. Attach the air cleaner case.
18. Connect the starter motor cable and the ground cable.
19. Connect the battery wire through the positive terminal.
20. Attach the front wheels.
21. Refill transmission with oil.



22. Check and adjust the following items after reassembly.

- 1. Transmission has been refilled.
- 2. The clip at the tip of the drive shaft is completely inserted into the groove of the differential or intermediate shaft.
- 3. Clutch free play.
- 4. Shift the change to check, by the change lever, if the gears are properly enmeshed.