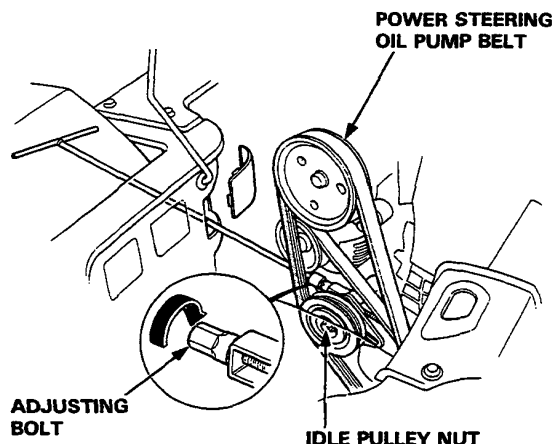


Compressor

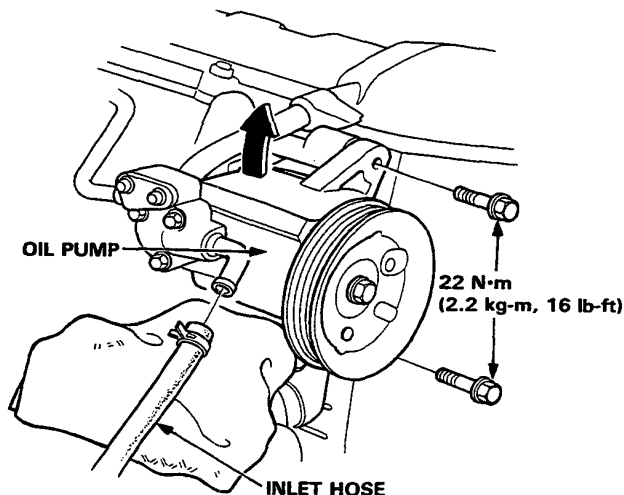
Replacement

1. If the compressor is marginally operable, run the engine at idle speed and turn on the air conditioner fan a few minutes, then shut the engine off and disconnect the battery negative terminal.
2. Discharge the refrigerant very slowly from the system (page 15-40).
3. Loosen the idle pulley nut and adjusting bolt, and remove the power steering oil pump belt.

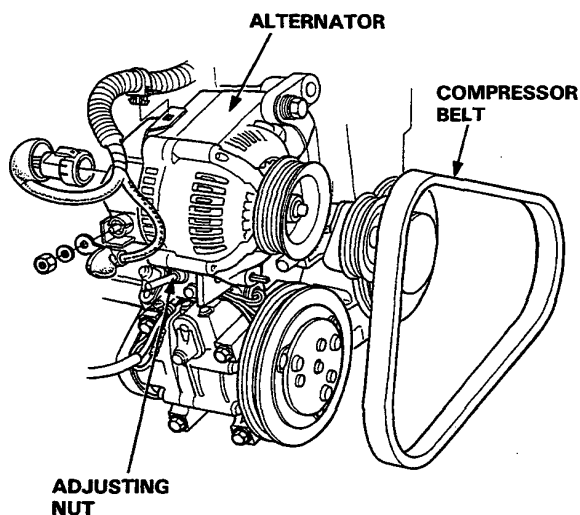


4. Disconnect the Power steering oil pump inlet hose.
5. Remove the mounting bolts (2) and power steering oil pump.

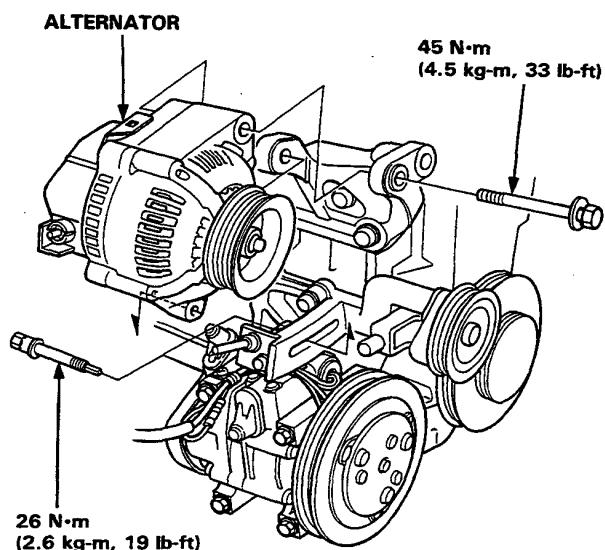
NOTE: Cover the alternator with shop towels.



6. Disconnect the alternator wire harness connectors for the alternator.
7. Loosen the adjusting nut and remove the compressor belt.

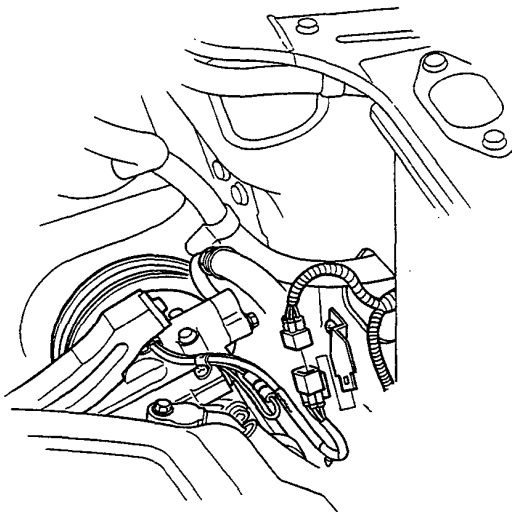


8. Remove the mounting bolts and alternator.





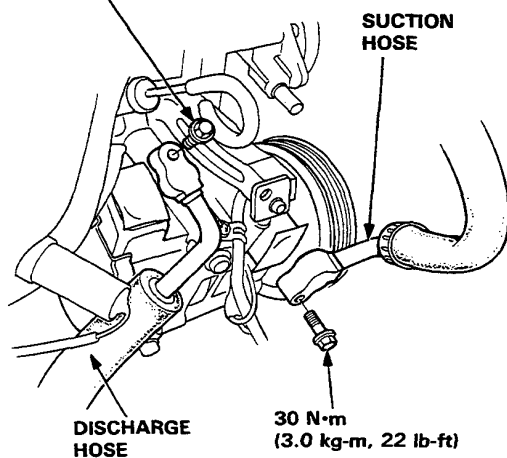
9. Disconnect the compressor connector.



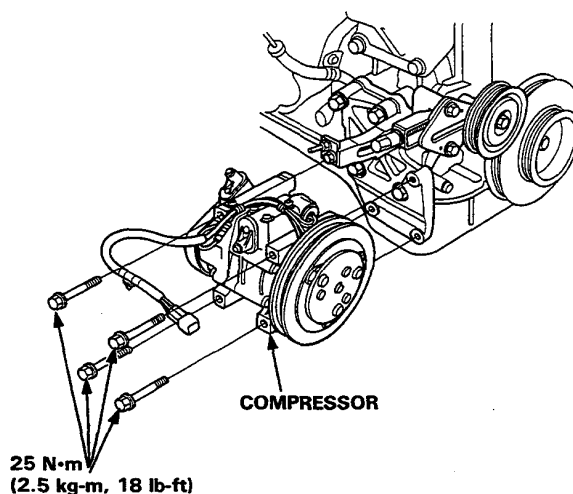
10. Disconnect the suction and discharge hoses from the compressor.

CAUTION: Cap the open fittings immediately to keep moisture and dirt out of the system.

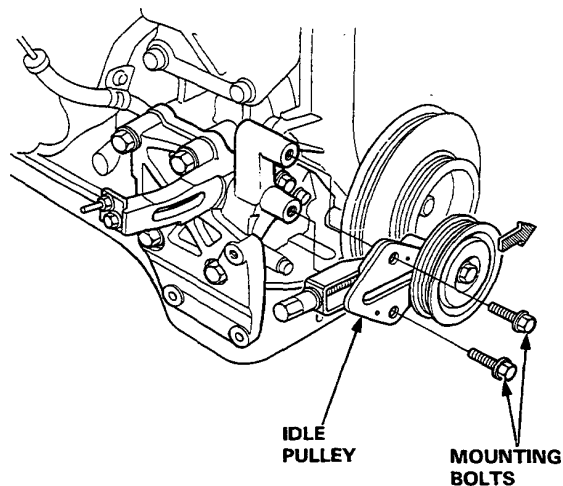
30 N·m
(3.0 kg-m, 22 lb-ft)



11. Remove the compressor mounting bolts (4) and compressor. Rest the compressor on the front beam.



12. Remove the mounting bolt (2) and idle pulley.



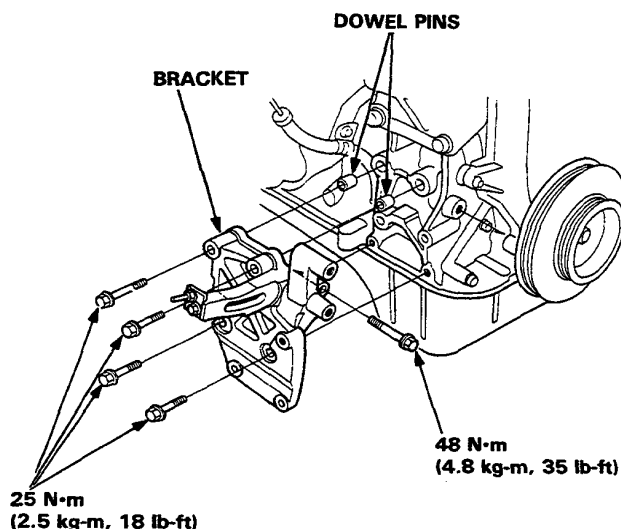
(cont'd)

Compressor

Replacement (cont'd)

13. Remove the mounting bolts (5) and compressor bracket.

14. Remove the dowel pins.



15. Remove the compressor.

16. Install in the reverse order of removal and:

- If a new compressor is installed, calculate the refrigerant oil as below and drain through the suction fitting on the compressor.

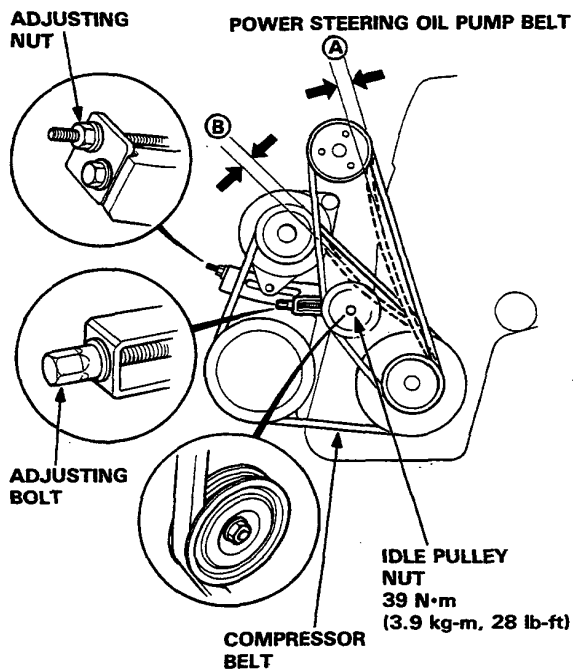
Draining volumes =

150 cc (5 fl oz) – subtract volume of removed compressor

- Adjust the belt

NOTE: Measure the deflection when 98 N (10 kg, 22 lb) force is applied between the pulleys.

- Ⓐ : 11–13 mm (0.43–0.52 in)
[9–11 mm (0.35–0.43 in) when new belt is installed]
- Ⓑ : 10–12 mm (0.39–0.49 in)
[6–8 mm (0.24–0.32 in) when new belt is installed]



- Charge the system (page 15-54).
- Test the performance (page 15-57).