

# Compressor

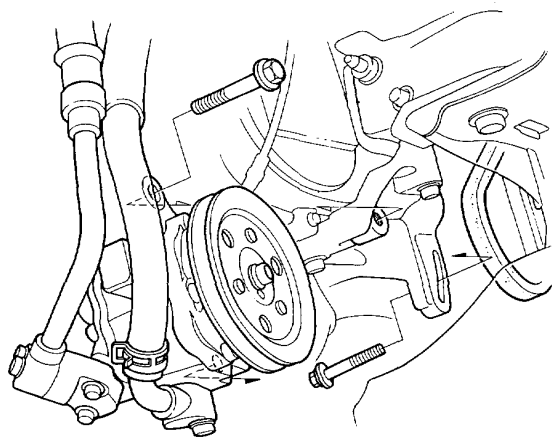
## Replacement

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 15-42).

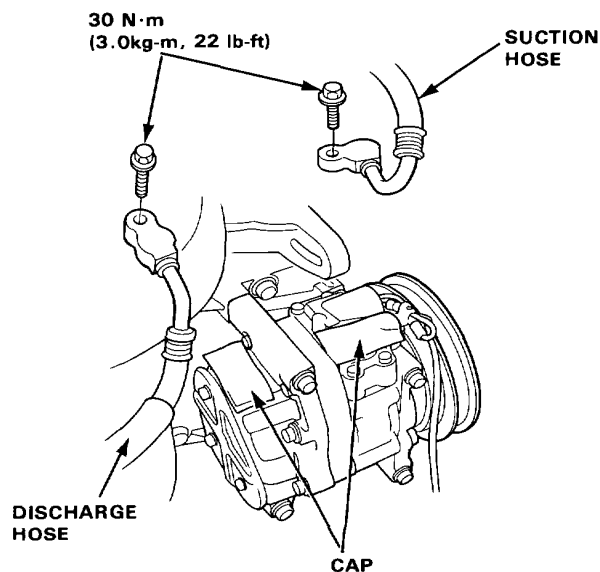
With power steering:

3. Remove the mounting bolts (2) the power steering pump belt, and the power steering pump.

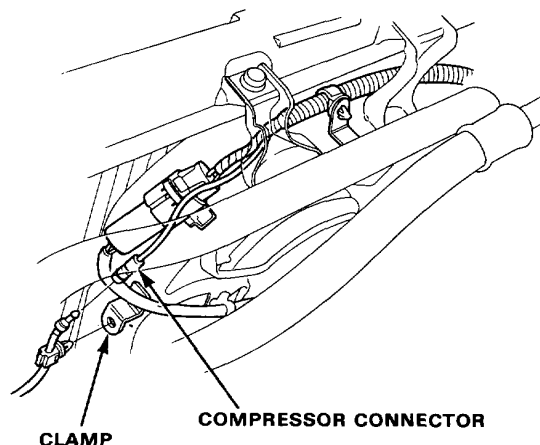


4. Disconnect the suction and discharge hoses from the compressor.

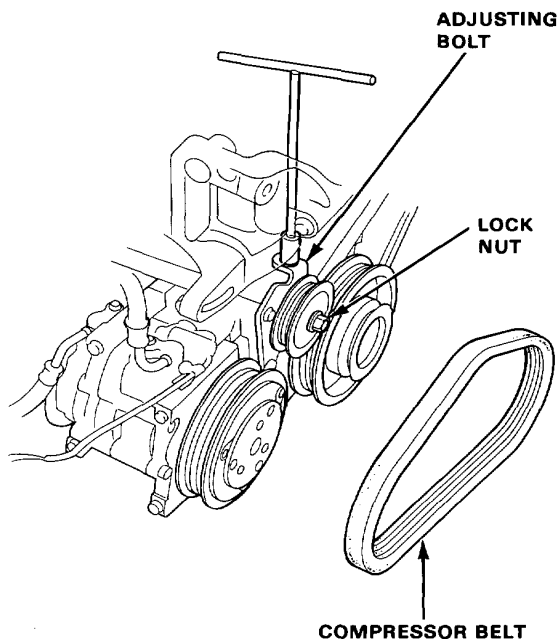
**CAUTION:** Cap the open fittings immediately to keep moisture and dirt out of the system.

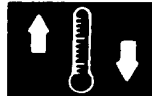


5. Disconnect the compressor connector and the clamp.

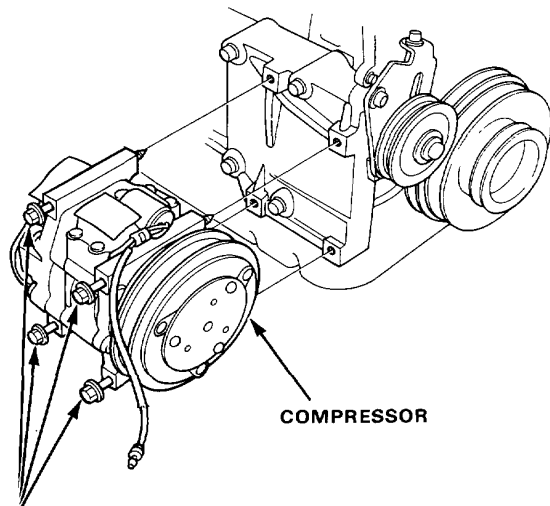


6. Loosen the adjusting bolt and lock nut, then remove the compressor belt.





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

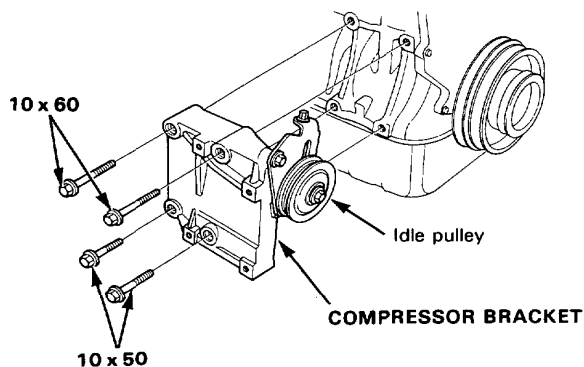


**COMPRESSOR MOUNTING BOLTS**  
25 N·m  
(2.5kg-m, 18 lb-ft)

8. Remove the mounting bolts (4) and compressor bracket with idle pulley.

**ALL TORQUE:**

48 N·m (4.8kg-m, 35 lb-ft)



9. Remove the compressor.

10. Install in the reverse order of removal and:

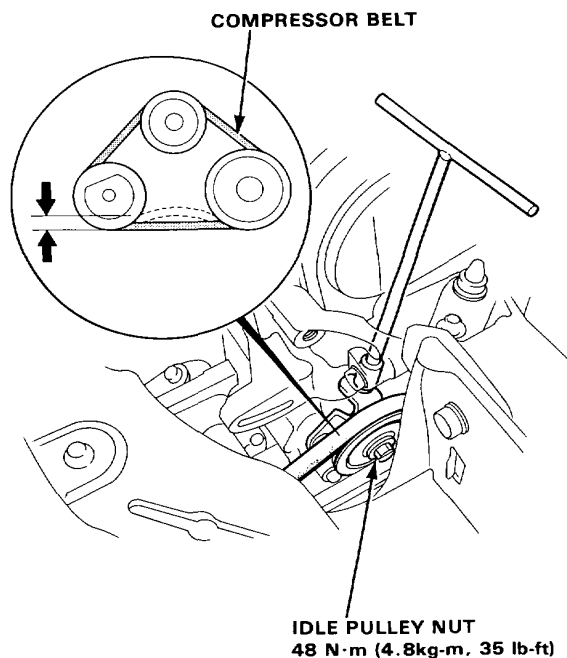
- If a new compressor is installed, calculate the amount of refrigerant to be drained through the suction fitting on the compressor:  
150 cc (5fl oz.) minus contents of old compressor, equals amount to drain from new compressor.
- Adjust the compressor belt.

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

Compressor belt Adjustemnt.

9—11 mm (0.35—0.43 in)

{ 7—9 mm (0.28—0.35 in) when new belt is intalled }



- Charge the system (page 15-56).
- Test the performance (page 15-59).

(cont'd)