

#### Outline of Model Changes -

- The air intake hose of the fuel injected engine has been changed.
- The cruise control actuator has been added to the fuel injected engine.
- The torque values of the engine mounting bolts and nuts have been changed.

#### WARNING

Carbureted Engine:

- Make sure jacks and safety stands are placed properly (pages 1-6 thru 8), and hoist brackets are attached to correct positions on the engine (page 5-16).
- Apply parking brake and block rear wheels, so car will not roll off stands and fall on you while working under it.

CAUTION: Use fender covers to avoid damaging painted surfaces.

WARNING Use care when removing radiator cap and when draining radiator, engine and transmission, to avoid scalding by hot coolant or oil.

- Disconnect the battery negative terminal first, then the positive terminal.
- Unbolt the hood brackets and remove the hood after removing the washer hose.

CAUTION: Use care when storing the hood to avoid damaging the paint.

CAUTION: Used engine oil may cause skin cancer if repeatedly left in contact with the skin for prolonged periods. Although this is unlikely unless you handle used oil on a daily basis, it is still advisable to thoroughly wash your hands with soap and water as soon as possible after handling used oil.

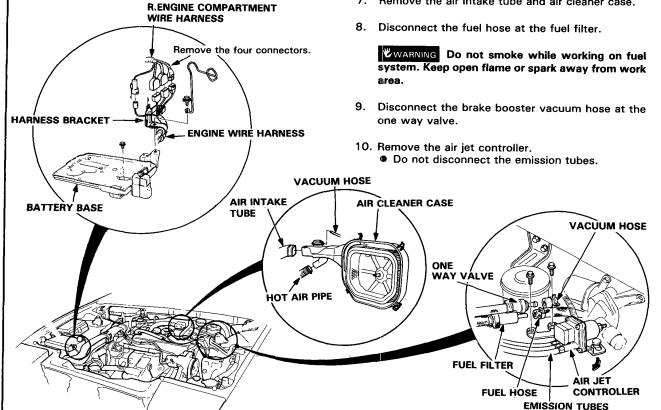
- 3. Remove the drain plug to drain engine oil.
  - Remove the filler cap to speed draining.

CAUTION: After draining the engine oil, always replace drain washers with new ones.

- 4. Drain transmission oil.
  - Use a 3/8" drive socket wrench to remove the drain plug.
  - Remove the level gauge or filler bolt to speed draining.
- Loosen the drain plug to drain coolant from the radiator.
  - Remove the radiator cap to speed draining.

#### Carbureted Engine (Fuel-Injected Engine, go to step 11.)

- 6. Remove the battery and battery base.
- 7. Remove the air intake tube and air cleaner case.





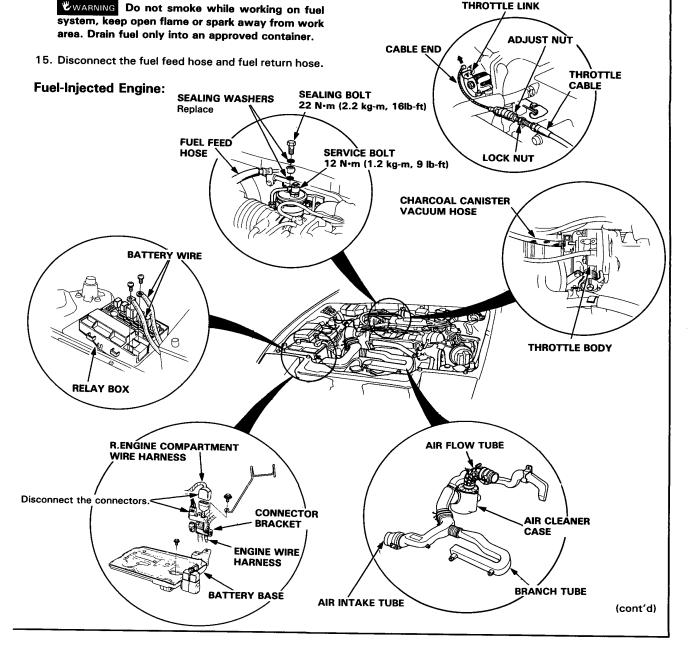
## Fuel-Injected Engine (Carbureted Engine, go to step 16)

- 11. Remove the battery and the battery base.
- 12. Remove the air intake tube air cleaner and branch tube as an assembly.
- 13. Remove the battery wire from the relay box.
- 14. Relieve fuel pressure.

- 16. Disconnect the charcoal canister vacuum hose at the throttle valve.
- 17. Disconnect the throttle cable at the throttle body or carburetor.

THROTTLE LINK

NOTE: Take care not to bend the cable when removing it. Do not use pliers to remove the cable from the linkage. Always replace a kinked cable with a new one.

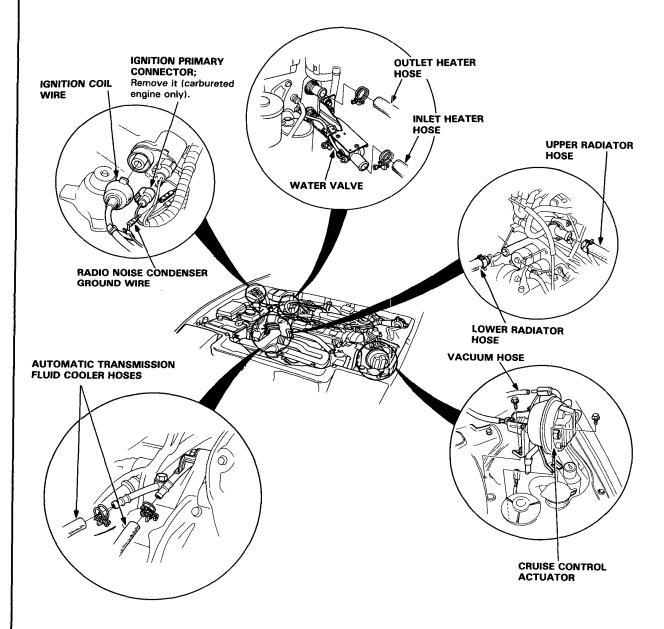


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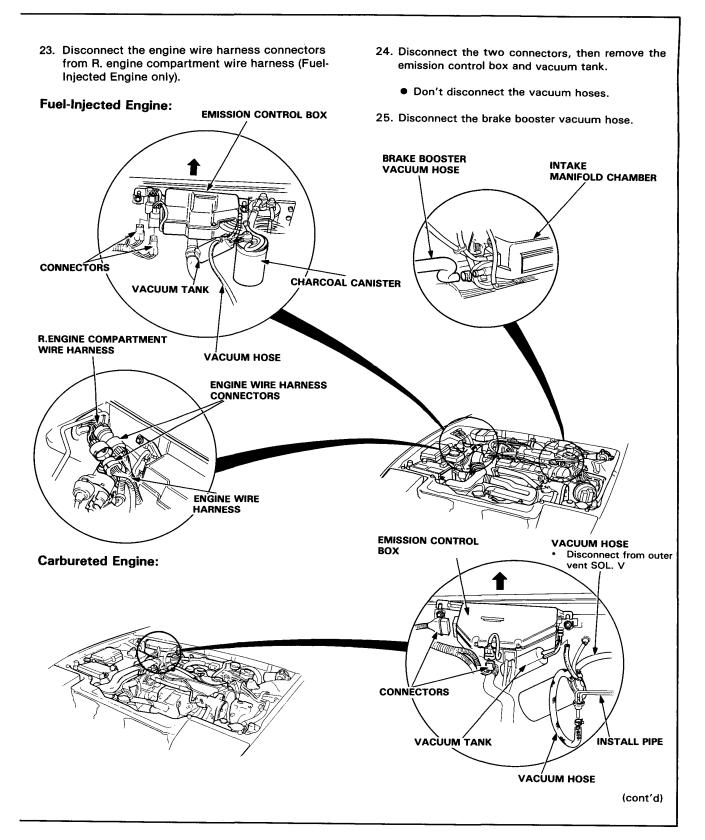
- Disconnect the ignition coil wire, radio noise condenser ground wire and ignition primary connector (Carbureted Engine only), then remove the distributor.
- 19. Disconnect the upper and lower radiator hoses.
- 20. Disconnect the inlet and outlet heater hoses.

- 21. Disconnect the automatic transmission fluid (ATF) cooler hoses (A/T).
  - Plug the ATF cooler hoses.
- Disconnect the vacuum hose, then remove the cruise control actuator (if equipped with cruise control).

## Fuel-Injected Engine shown; Carbureted Engine similar:







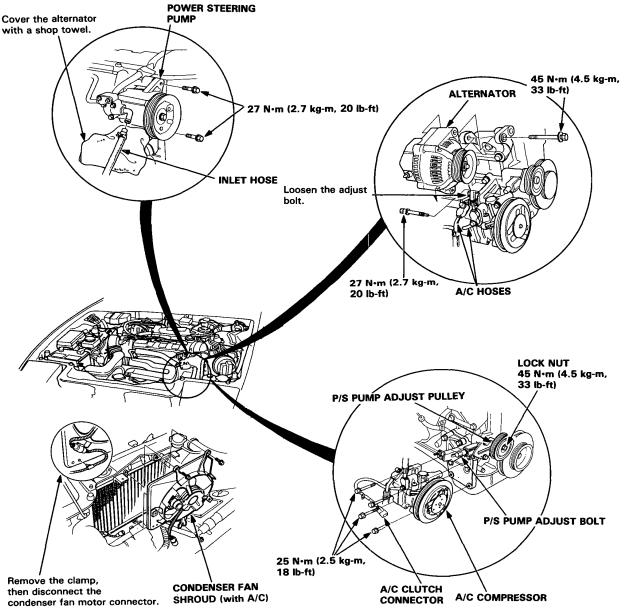
## · (cont'd) -

- Remove the power steering pump belt and alternator belt.
- 27. Disconnect the inlet hose and remove the power steering pump.

CAUTION: When the hose is disconnected, fluid will flow out; protect the alternator by covering it with a shop towel.

- 28. Remove the alternator.
- 29. Remove the condenser fan shroud.
- 30. Remove the air conditioning (A/C) compressor, then mount compressor on the front beam.
  - Do not disconnect the A/C hoses.

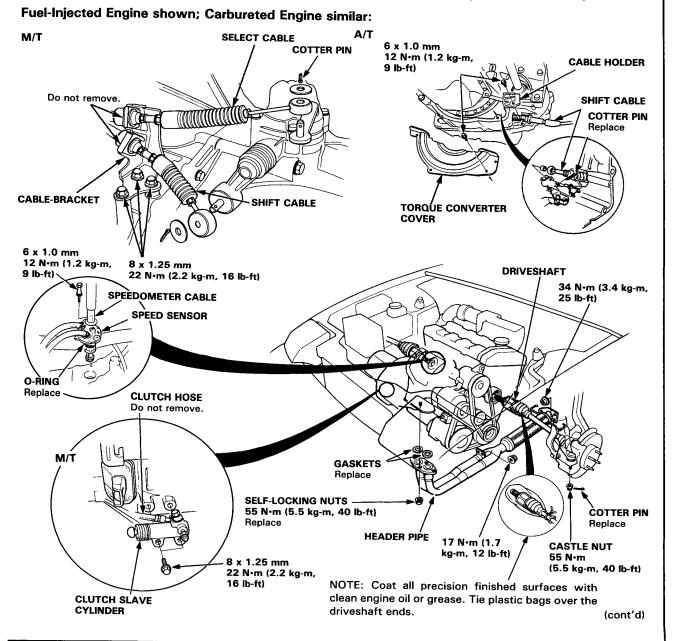
#### Fuel-Injected Engine shown; Carbureted Engine similar:





- Disconnect the shift cable and select cable from the transmission, then remove the cable bracket (M/T).
- 32. Remove the automatic transmission shift cable from the transmission (A/T). NOTE: Take care not to bend the cable when removing it. Do not use pliers to remove the cable from the linkage. Always replace a kinked cable with a new one.
- 33. Remove the transmission ground wire.

- 34. Remove left axle and half shaft.
- 35. Remove clutch slave cylinder.
  NOTE: Do not disconnect hose from the slave cylinder.
- 36. Remove speed sensor and speedometer cable. NOTE:
  - Take care not to bend the cable when removing it. Do not use pliers to remove the cable. Always replace a kinked cable with a new one.
  - On reassembly, check the cable adjustment.



#### (cont'd) -

- Attach a chain hoist to the engine block and raise the hoist just enough to remove slack from chain.
- 38. Remove the rear engine mount bolt, then remove the mount bracket.
- 39. Remove the front engine mount bolt.

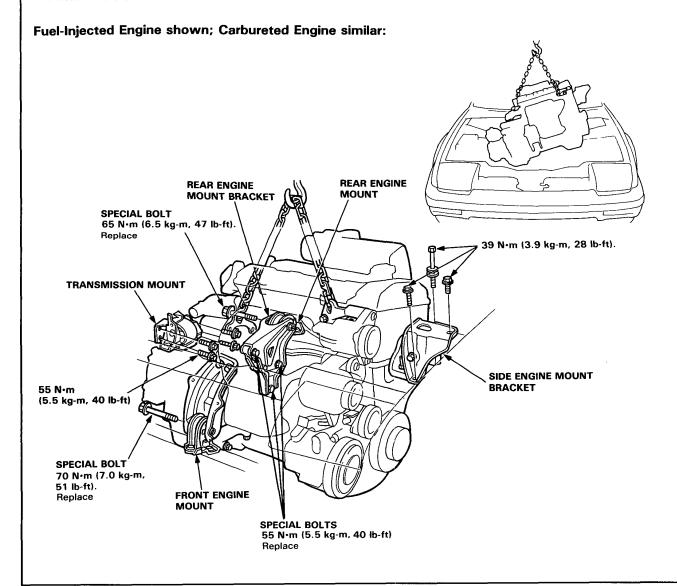
NOTE: Front and rear engine mount bolts are special bolts. Replace the bolts once they are loosened.

- 40. Remove the side engine mount bracket bolts.
- 41. Remove the transmission mount bolt.

- 42. Check that wires and tubes are completely removed from the engine, and lift the engine slowly with the chain
- Tilt the engine, then hoist it out of the engine compartment.

CAUTION: Use care to avoid damaging the body.

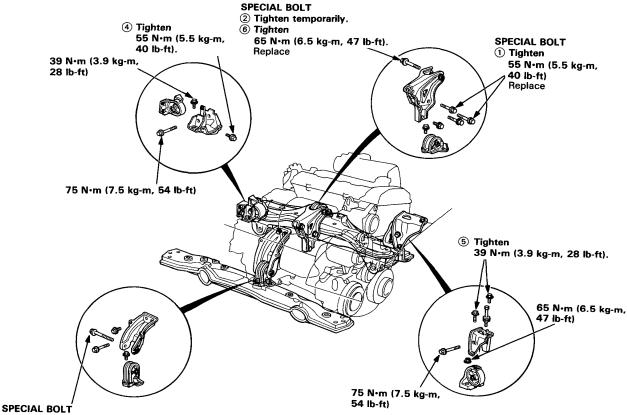
WMARNING Do not crawl under the car when hoisting the engine.





NOTE: For proper suppression of noise and vibration, and maximum bushing life, tighten the bolts in the sequence shown with the bushings centered in their mounts.

## Fuel-Injected Engine shown; Carbureted Engine similar:



- (3) Tighten temporarily.
- Tighten temporarny.Tighten 70 N·m (7.0 kg-m, 51 lb-ft).Replace
- 44. Install the engine in the reverse order of removal.

  After the engine is in place:
  - Torque engine mount bolts in sequence shown.

CAUTION: Failure to tighten the bolts in the proper sequence can cause excessive noise and vibration, and reduce bushing life; check that the bushings are not twisted or offset.

 Check that the spring clip on the end of each driveshaft clicks into the differential.

#### CAUTION: Use new spring clips on installation.

 Bleed air from the cooling system at the bleed bolt with the heater valve open.

- Adjust the throttle cable tension.
- Adjust the alternator belt and power steering pump belt tension.
- Check the clutch pedal free play.
- Check that the transmission shifts into gear smoothly.
- Install the A/C compressor, connect the wiring and V-belt. (with A/C)
- Clean battery posts and cable terminals with sandpaper, assemble, then apply grease to prevent corrosion.

(cont'd)

#### (cont'd)

NOTE: For proper suppression of noise and vibration, and maximum bushing life, tighten the bolts to the torque mentioned below.

## Fuel-Injected Engine Shown; Carbureted Engine similar:

