

Engine Removal/Installation

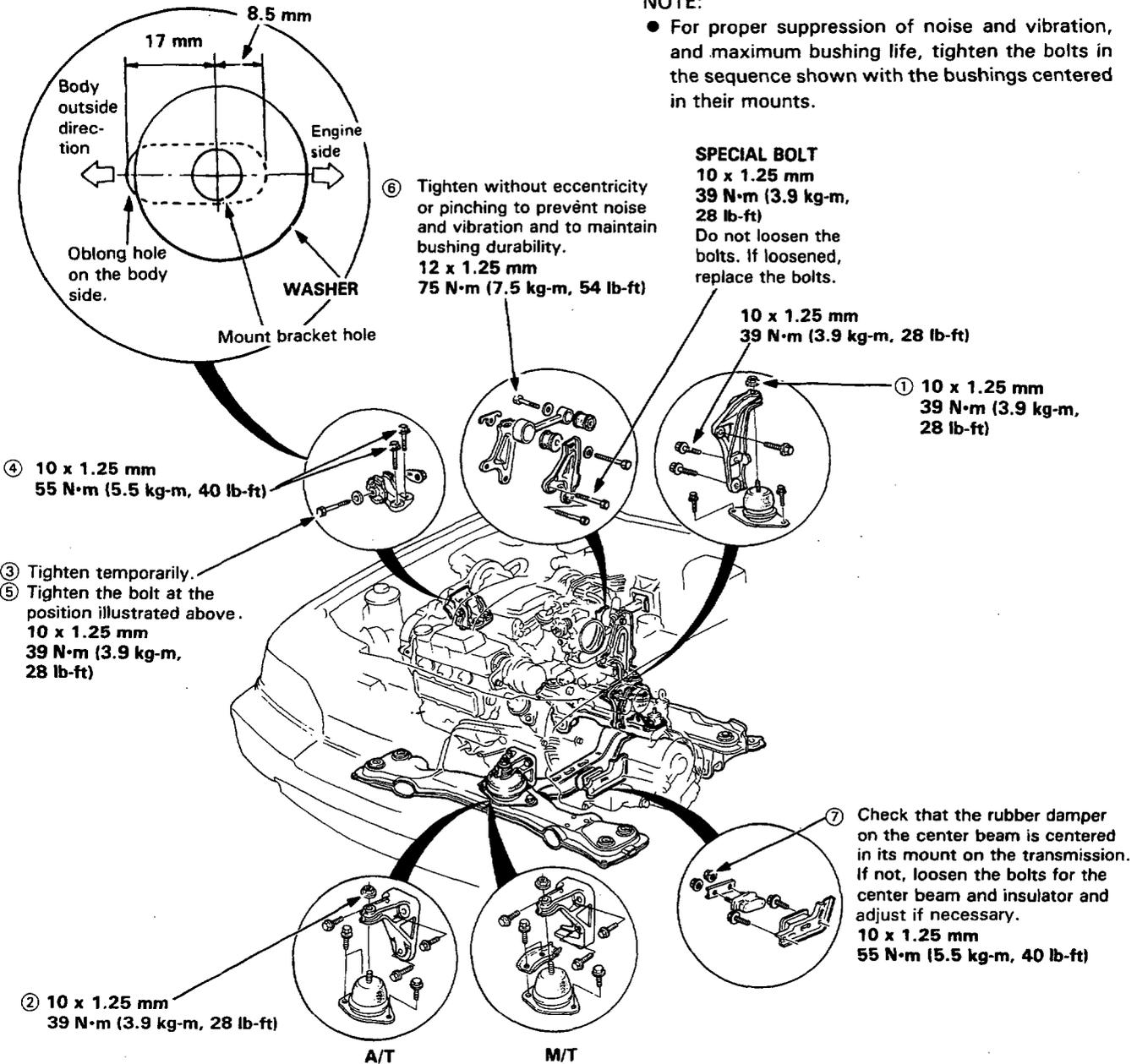
Installation

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.

SPECIAL BOLT

- 10 x 1.25 mm
39 N·m (3.9 kg-m, 28 lb-ft)
- Do not loosen the bolts. If loosened, replace the bolts.



- ⑥ Tighten without eccentricity or pinching to prevent noise and vibration and to maintain bushing durability.
12 x 1.25 mm
75 N·m (7.5 kg-m, 54 lb-ft)

- 10 x 1.25 mm
39 N·m (3.9 kg-m, 28 lb-ft)

- ① 10 x 1.25 mm
39 N·m (3.9 kg-m, 28 lb-ft)

- ④ 10 x 1.25 mm
55 N·m (5.5 kg-m, 40 lb-ft)

- ③ Tighten temporarily.
⑤ Tighten the bolt at the position illustrated above.
10 x 1.25 mm
39 N·m (3.9 kg-m, 28 lb-ft)

- ⑦ Check that the rubber damper on the center beam is centered in its mount on the transmission. If not, loosen the bolts for the center beam and insulator and adjust if necessary.
10 x 1.25 mm
55 N·m (5.5 kg-m, 40 lb-ft)

- ② 10 x 1.25 mm
39 N·m (3.9 kg-m, 28 lb-ft)

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 tension.
- Check the clutch pedal free play.
- Check that the transmission shifts into gear smoothly.
- Connect the air conditioning hoses, wiring and V-belt.
- Clean battery posts and cable terminals with sandpaper, assemble, then apply grease to prevent corrosion.