

Hondamatic

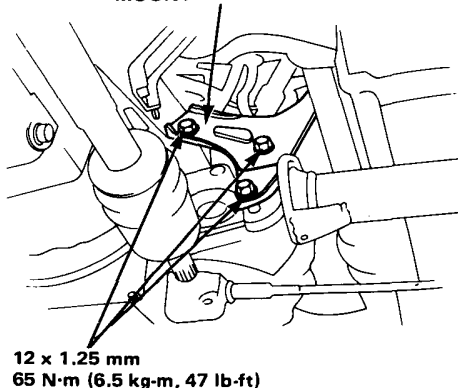
Installation

1. Slide the torque converter onto mainshaft.
2. Place the transmission on transmission jack, and raise to engine level.
3. Check that the two 14 mm dowel pins are installed in torque converter housing.
4. Align dowel pins with holes in block; align torque converter bolt heads with holes in drive plate.
5. If you left the front end connected on driver's side, insert left axle (with new spring clip on the end) into differential as you roll transmission up to the engine.

NOTE: New 26 mm spring clips must be used on both axles.

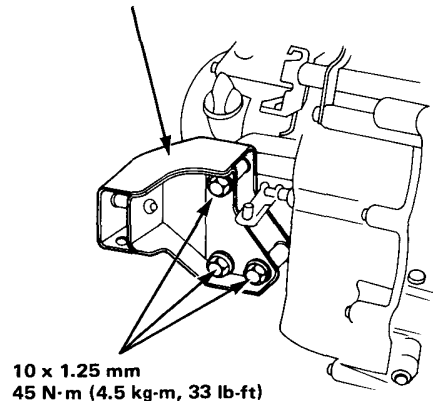
6. Secure transmission to engine with engine side mounting bolt (12 x 1.25 x 70 mm) and torque to 68 N·m (6.8 kg-m, 50 lb-ft).
7. Attach torque converter to drive plate with eight (6 x 10 x 12 mm) bolts, and torque to 12 N·m (9 lb-ft). Rotate crank as necessary to tighten bolts to 1/2 torque, then final torque, in a criss-cross pattern. Check for free rotation after tightening last bolt.
8. Install the shift cable. (page 16-20)
9. Remove the transmission jack.
10. Install the torque converter cover plate.
11. Install the rear transmission mount and torque its bolts to 65 N·m (6.5 kg-m, 47 lb-ft).

REAR TRANSMISSION MOUNT



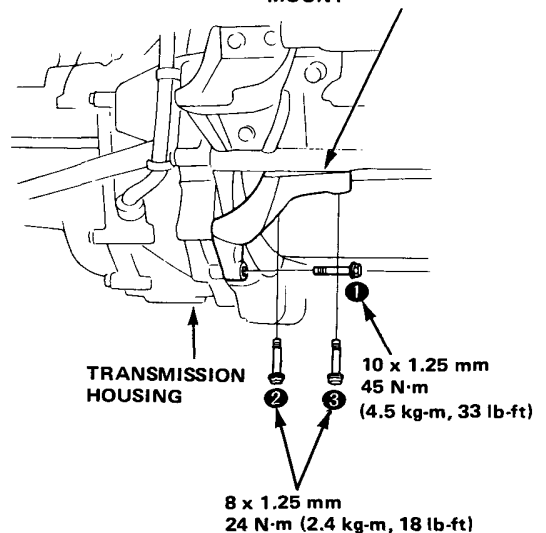
12. Install the engine torque bracket and torque its bolts to 45 N·m (4.5 kg-m, 33 lb-ft).

FRONT ENGINE TORQUE BRACKET



13. Loosely install the front transmission mount bolts, then torque to the sequence shown.

FRONT TRANSMISSION MOUNT





14. Install the starter mounting bolts and torque to 45 N·m (4.5 kg-m, 33 lb-ft).
15. Install a new 26 mm spring clip on end of each axle.
16. Turn right steering knuckle fully outward, and slide axle into differential until you feel its spring clip engage side gear. Repeat on left side or, if left axle is already in (step 5), check to be sure spring clip has engaged side gear.
17. Reconnect the lower arm ball joints and torque to 45 N·m (4.5 kg-m, 33 lb-ft).
18. Reconnect the tie-rod end ball joints and torque to 45 N·m (4.5 kg-m, 33 lb-ft).
19. Install the splash shields and exhaust header pipe.
20. Install the front wheels, lower car to ground, and torque lug nuts to 110 N·m (11.0 kg-m, 80 lb-ft).
21. Remove the chain hoist from the 8 mm bolt on the cylinder head.
22. Insert the speedometer cable into gear holder, then secure cable with clip and install boot.
23. Install the top three transmission mounting bolts (12 x 1.25 x 60 mm) and torque to 58 N·m (5.8 kg-m, 42 lb-ft).
24. Connect cooler hoses, and torque banjo bolts to 29 N·m (21 lb-ft).
25. Attach shift control cable to shift lever with pin and clip. (page 16-63)
26. Reinstall the center console.
27. Connecting wiring:
 - Battery positive cable to starter.
 - Black/white wire to starter solenoid.
 - Transmission ground cable.
28. With ignition key OFF, connect ground cable to battery and transmission.
29. Unscrew dipstick from top of transmission end cover and add 2.9 quarts Dexron® ATF through the hole. Reinstall dipstick.

NOTE: If the transmission was disassembled, the ATF fill quantity is 5.6 quarts.
30. Start engine, set parking brake, and shift transmission through all gears three times. Check for proper control cable adjustment.
31. Let engine reach operating temperature with transmission in Neutral or Park, then turn it off and check fluid level.
32. Install throttle control cable and adjust (page 16-60).
33. Road test as described on page 16-62.