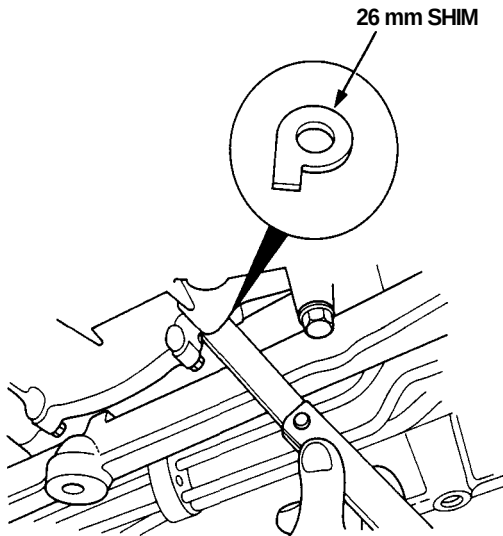


Differential Assembly

Installation

NOTE: If the differential case is replaced, the 26 mm shim must be adjusted (see step 1). If the differential case was not replaced, go to step 4.

1. Install the differential assembly.
2. Measure the clearance between the differential case and the torque converter housing.

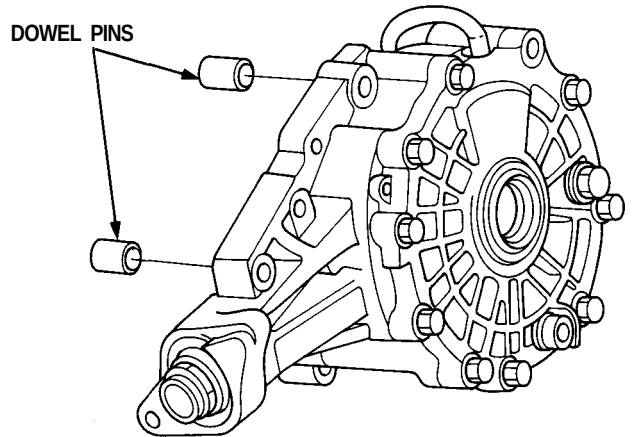


3. Select the 26 mm shim from the following table.

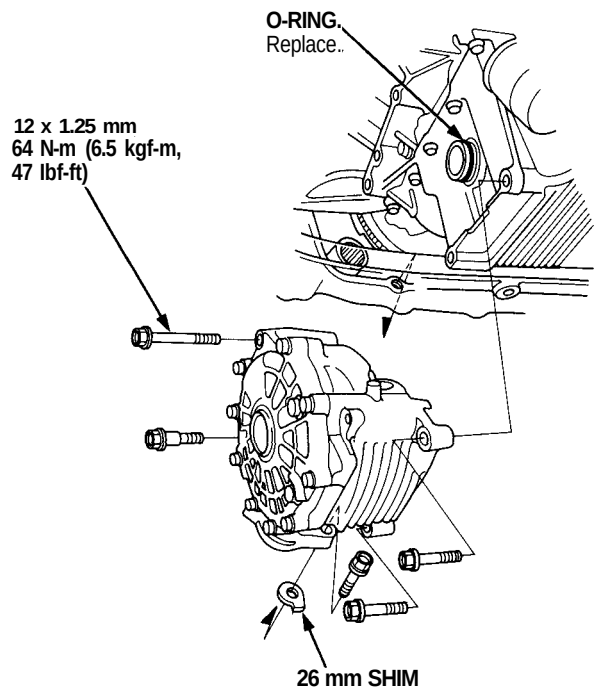
26 mm SHIM

	Part Number	Thickness	Measurement Value
A	41432 -PY4- 000	1.9 mm (0.0748 in)	1.99- 1.9 mm
B	41433-PY4-000	2.0 mm (0.0787 in)	2.09 -2.0 mm
C	41434-PY4-000	2.1 mm (0.0827 in)	2.19-2.1 mm
D	41435-PY4-000	2.2 mm (0.0866 in)	2.29 -2.2 mm
E	41436-PY4-000	2.3 mm (0.0906 in)	2.39-2.3 mm
F	41437-PY4-000	2.4 mm (0.0945 in)	2.49 -2.4 mm
G	41438-PY4-000	2.5 mm (0.0984 in)	2.59-2.5 mm
H	41439-PY4-000	2.6 mm (0.1024 in)	2.69-2.6 mm
I	41440-PY4-000	2.7 mm (0.1063 in)	2.79 -2.7 mm
J	41441-PY4-000	2.8 mm (0.1 102 in)	2.89 -2.8 mm
K	41442-PY4-000	2.9 mm (0.1 142 in)	2.99 -2.9 mm
L	41443-PY4-000	3.0 mm (0.1 181 in)	3.09-3.0 mm

4. Install the two dowel pins on the differential assembly.



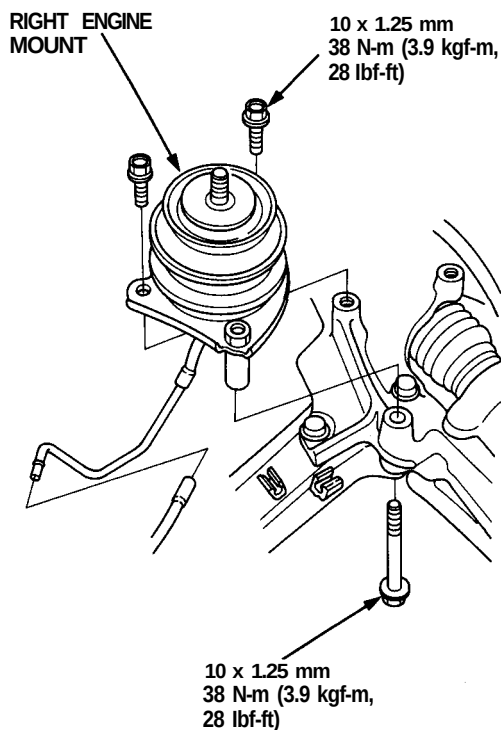
5. Attach the differential assembly to the engine, then tighten the four mounting bolts to the specified torque.



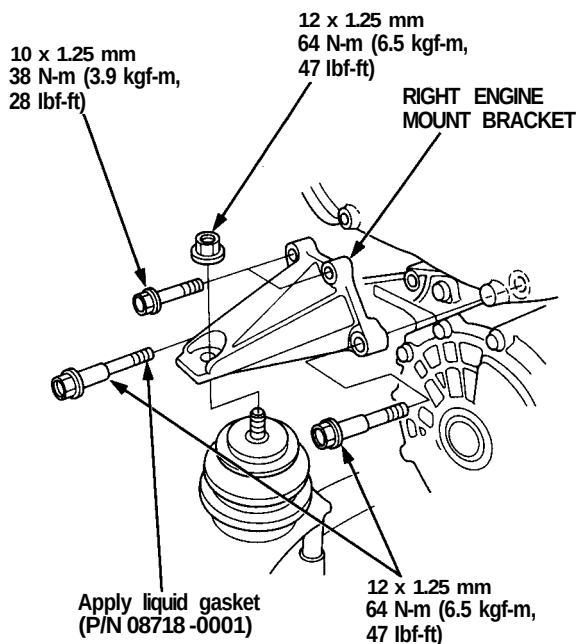
6. Install the 26 mm shim, then tighten the mounting bolts to the specified torque.



7. Install the right engine mount.

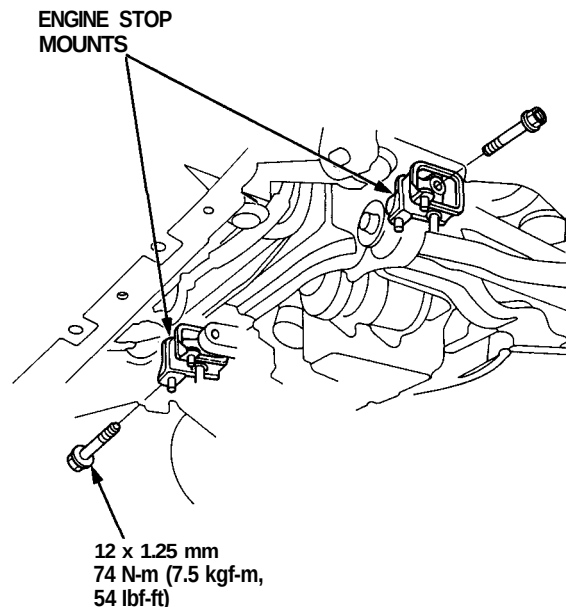


8. Install the right engine mount bracket, then right and left engine mount bracket nuts.

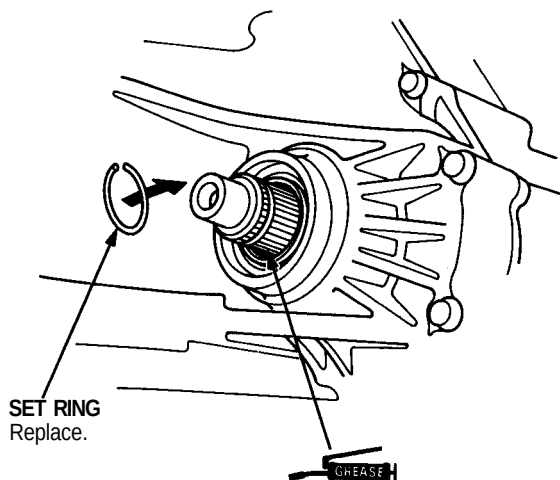


9. Remove the chain hoist.

10. Install the engine stop mount bracket bolts.



11. Apply Super High Temp Urea Grease (P/N 08798 - 9002) to the splines of the extension shaft, then install the new set ring.



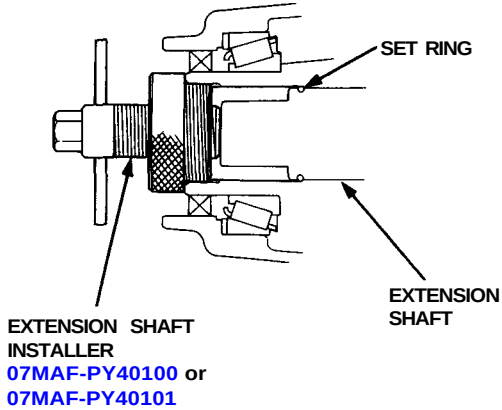
(cont'd)

Differential Assembly

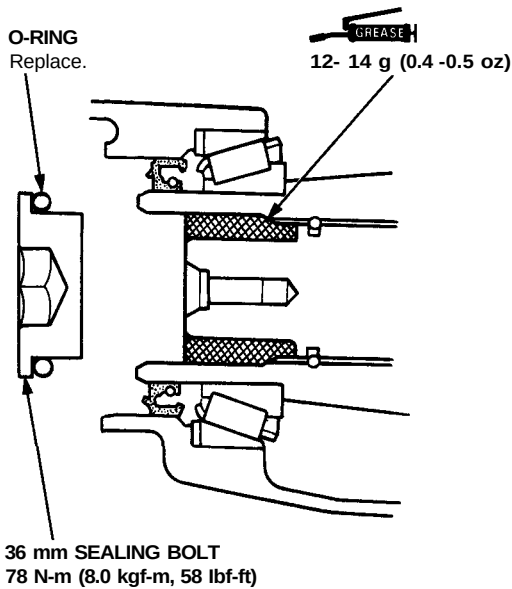
Installation (cont'd)

12. Install the extension shaft using the special tool as shown.

NOTE: Push the extension shaft in the secondary driven gear shaft until the extension shaft stops.



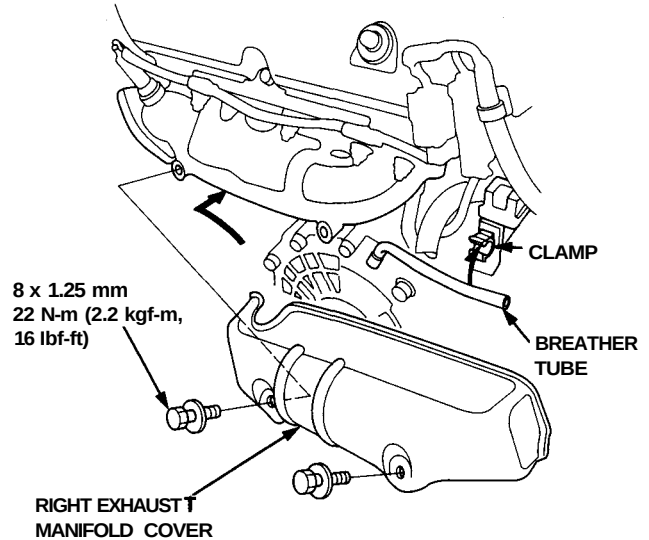
13. Fill the secondary gear with Super High Temp Urea Grease (P/N 08798 - 9002).



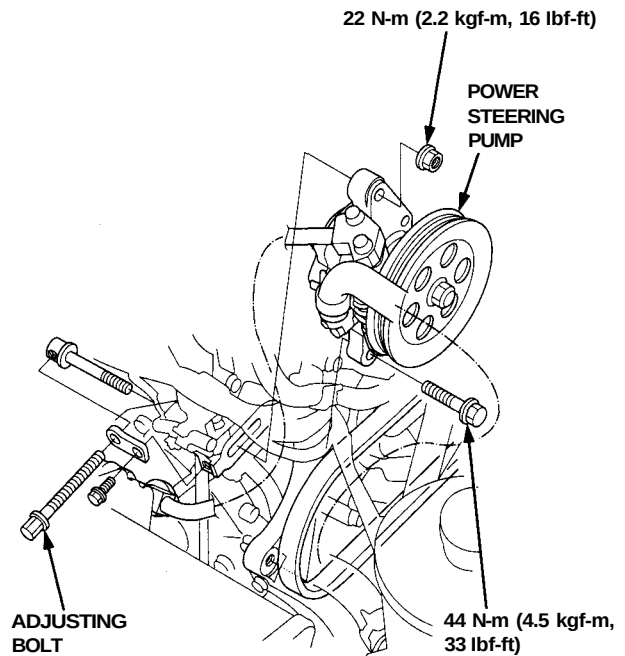
14. Install the new O-ring in the groove of the 36 mm sealing bolt, then install the 36 mm sealing bolt.

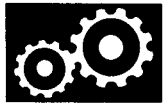
NOTE: Shift the transmission into the [P] position to lock the secondary gear.

15. Install the right exhaust manifold cover, then install the breather tube to the clamp.

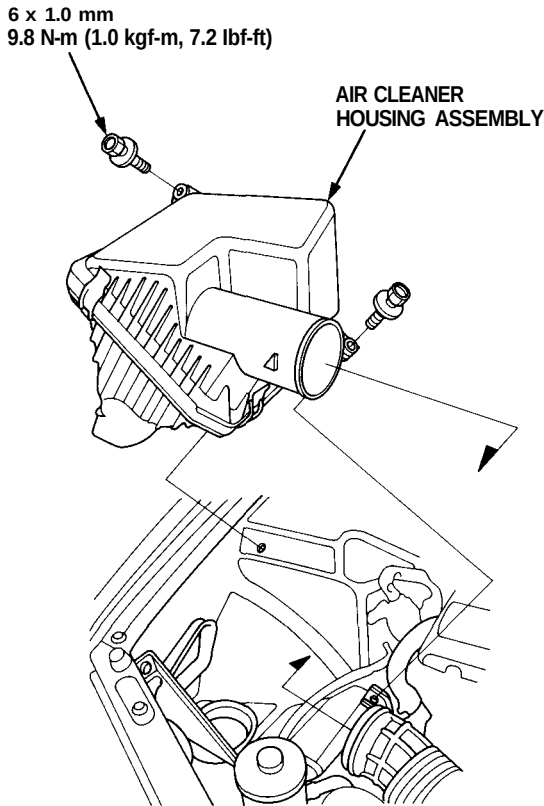


16. Install the power steering pump, then adjust the belt tension of pump belt (see [section 17](#)).

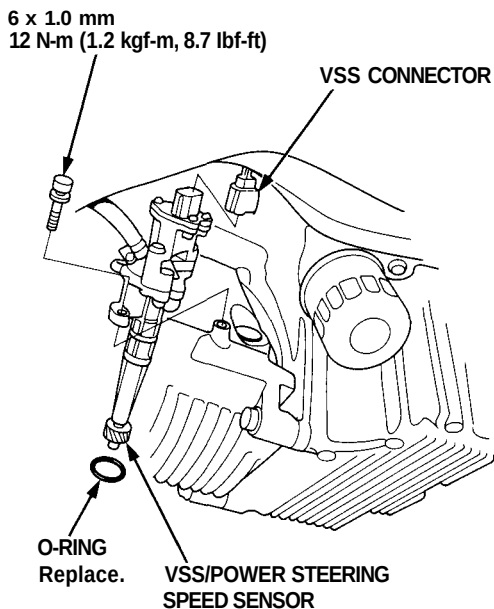




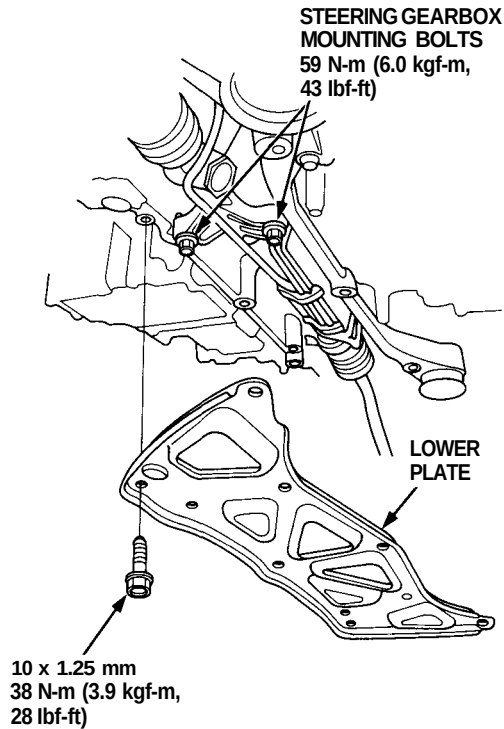
17. Install the air cleaner housing assembly.



18. Install the vehicle speed sensor (VSS)/power steering speed sensor, then connect the VSS connector.



19. Remove the steering gearbox mounting bolts, then install the lower plate and the steering gearbox mounting bolts.



20. Install the driveshafts and the intermediate shaft (see [section 16](#)).

CAUTION: While installing the driveshaft and the intermediate shaft in the differential, be sure not to allow dust and other foreign particles to enter into the differential.

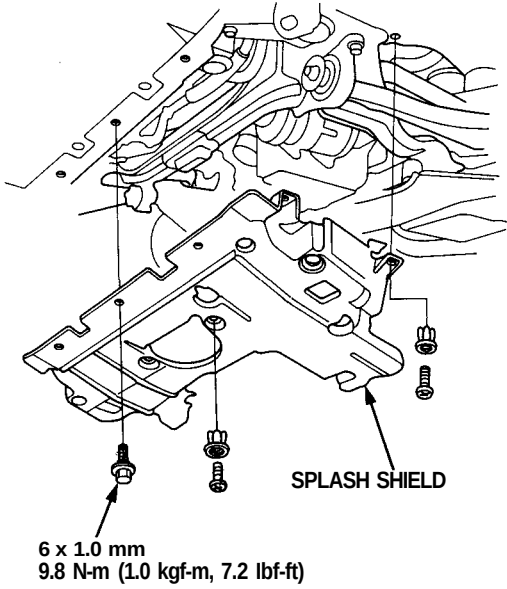
21. Install the damper fork, then install the right and left ball joints to the each lower arm with the castle nuts and new cotter pins (see [section 18](#)).

(cont'd)

Differential Assembly

Installation (cont'd)

22. Install the splash shield.



23. Refill the differential with the recommended oil (see page [15-4](#)).