

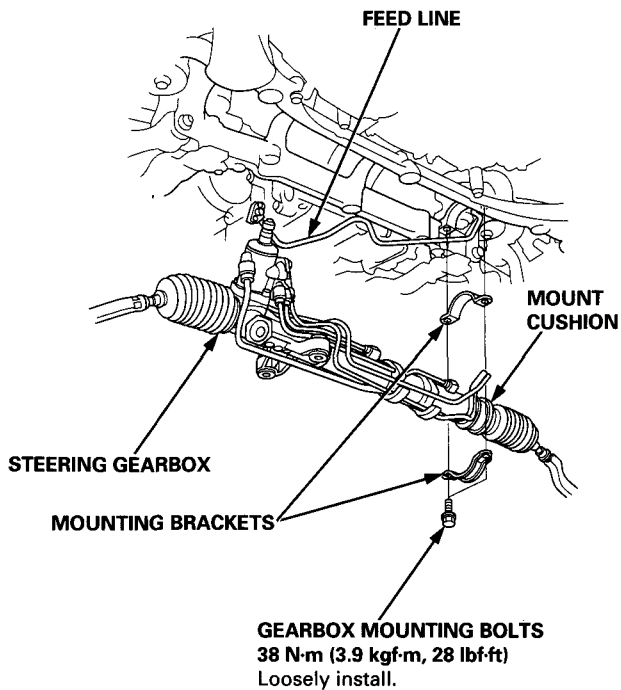


Installation

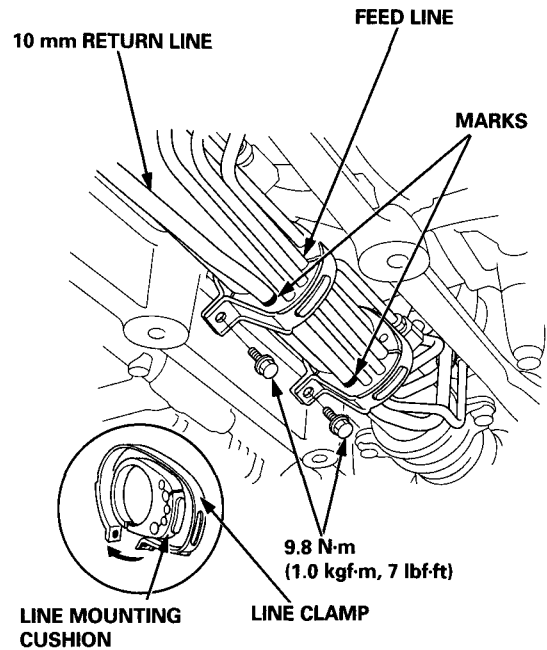
CAUTION: Be careful not to bend or damage cylinder lines A and B or the four fluid lines when installing the gearbox.

1. Assemble the mounting bracket over the mount cushion, then loosely install the gearbox on the rear beam with two gearbox mounting bolts.

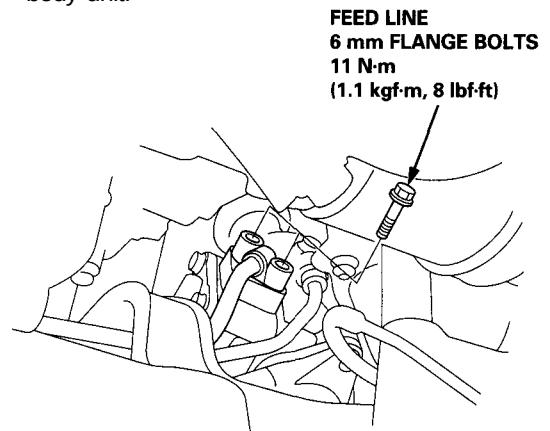
NOTE: Move the feed line over the gearbox so that it does not interfere with the gearbox during installation.



2. Position the line mounting cushions by aligning the marks on the 10 mm return line (large diameter line).
3. Install the feed line on the slot of the cushions.
4. Install the two line clamps on the line mounting cushions as shown below.



5. Reconnect the feed line to upper side of the valve body unit.



(cont'd)

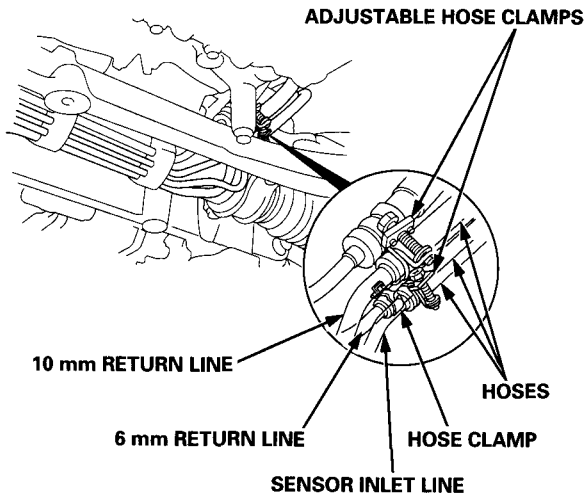
Power Steering Gearbox

Installation (cont'd)

6. Reconnect the three lines (sensor inlet line, 10 mm return line and 6 mm return line) to the hoses.

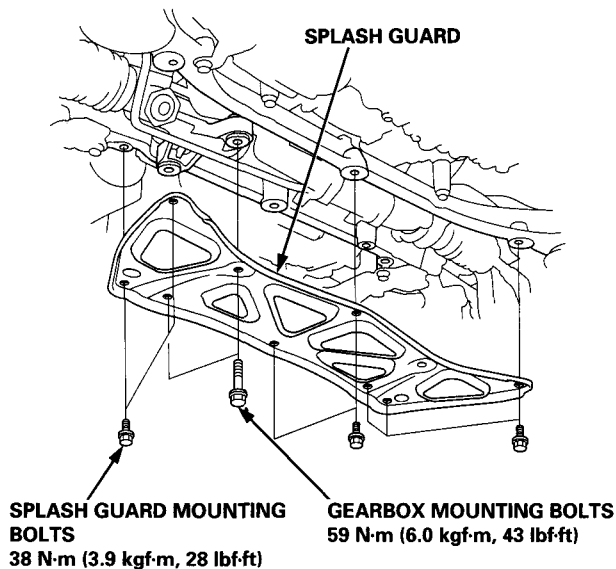
NOTE:

- Make sure that there is no interference between the feed line, the rear beam or any other parts.
- For hose clamps installation, refer to page [17-23](#).



7. Tighten the two gearbox mounting bolts on the mounting bracket that were loosely installed in step 1.
8. Install the splash guard with the two gearbox mounting bolts and splash guard attaching bolts.

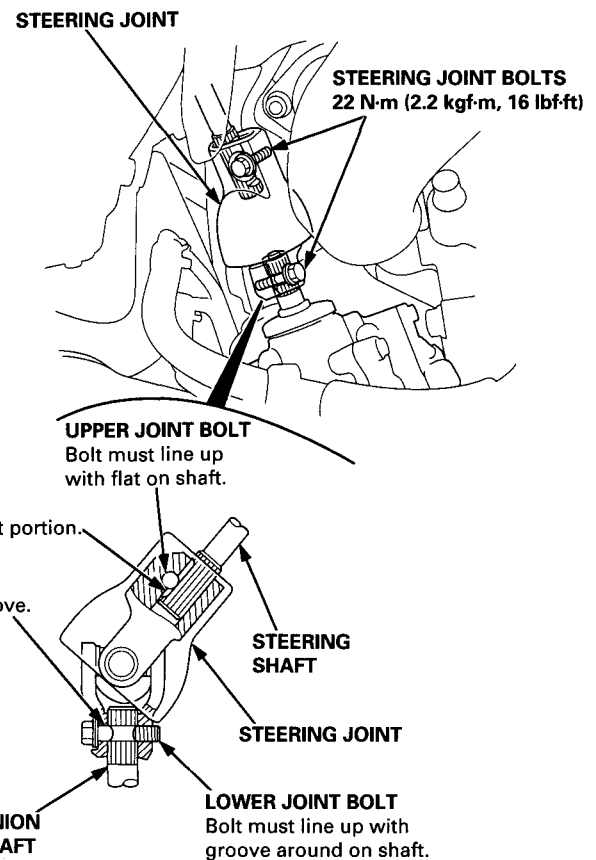
NOTE: Install the bolts loosely first, then tighten them securely.



9. Install the steering joint, and reconnect the steering shaft and pinion shaft.

NOTE: Make sure the steering joint is connected as follows:

- a. Insert the upper end of the steering joint onto the steering shaft (line up the bolt hole with the flat on the shaft), and loosely install the upper joint bolt.
- b. Slip the lower end of the steering joint onto the pinion shaft (line up the bolt hole with the groove around the shaft), and loosely install the lower joint bolt.
Be sure that the lower joint bolt is securely in the groove in the pinion shaft.
- c. Pull on the steering joint to make sure that the steering joint is fully seated. Then tighten the joint bolts.



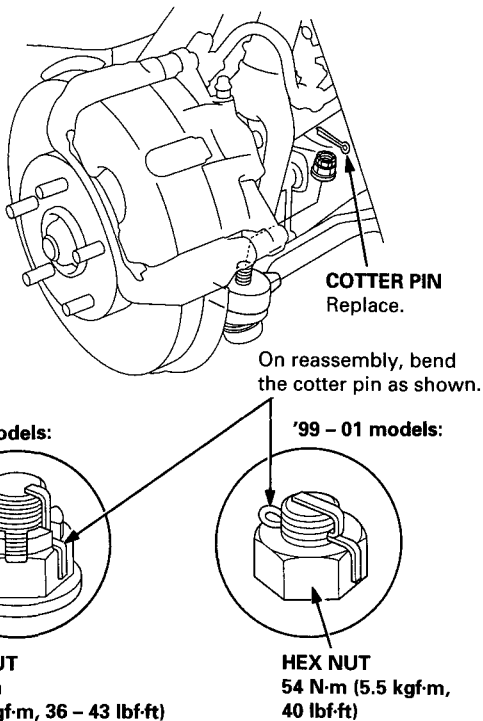
10. Center the cable reel by first rotating it clockwise until it stops. Then rotate it counterclockwise about two turns. The arrow mark on the label should point straight up.
Reinstall the steering wheel (see page [17-18](#)).



11. Reconnect the tie-rod ends to the steering knuckles, tighten the castle nut ('96 - 98 models) or hex nut ('99 - 01 models) to the specified torque, and install new cotter pins.

NOTE: Before connecting the tie-rod ends, wipe off any grease contamination from the ball joint tapered section and threads.

CAUTION: Torque the castle nut to the lower torque specification, then tighten it only far enough to align the slot with the pin hole. Do not align the nut by loosening.



12. Install the front wheels.
13. Fill the system with the recommended power steering fluid, and bleed air from the system (see page [17-16](#)).
14. After installation, perform the following checks.
 - Start the engine, allow it to idle, and turn the steering wheel from lock-to-lock several times to warm up the fluid. Check the gearbox for leaks (see page [17-23](#)).
 - Adjust the front toe (see [section 18](#)).
 - Check the steering wheel spoke angle. Adjust by turning the right and left tie-rods, if necessary.

NOTE: Turn the right and left tie-rods equally.