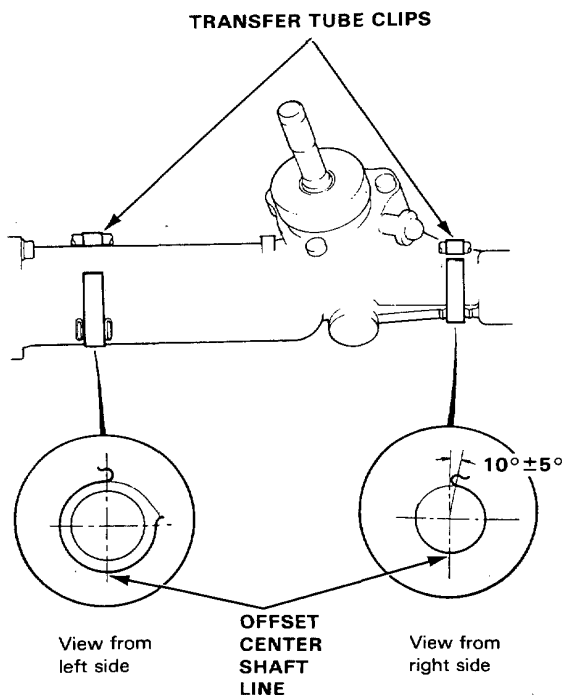


# Steering Gearbox

## Overhaul (4WS) (cont'd)

123. Install the transfer tube clips as shown.  
NOTE: LH Drive shown, RH Drive is similar.



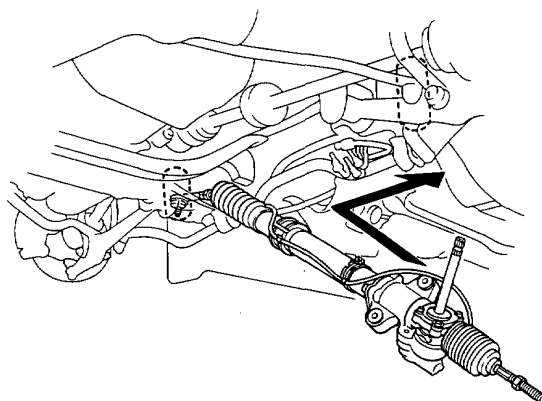
124. Install the air transfer tube.
125. After assembling, slide the rack right and left to be certain that the boots are not deformed or twisted.

## Installation

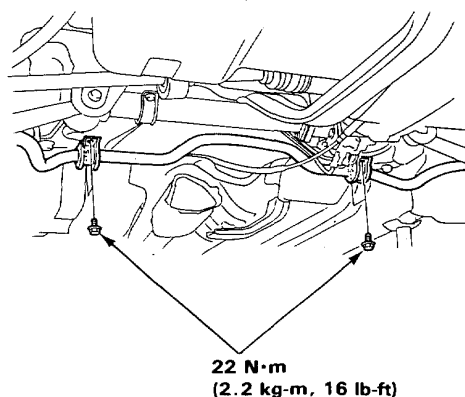
**CAUTION:** If the rear steering gearbox and center shaft are removed, care must be taken to reinstall them correctly. Be sure to refer to page 11-90 and install properly.

1. Reinstall the gearbox in the reverse order of removal.

**CAUTION:** Be careful not to bend or damage the four power steering lines when installing the gearbox assembly.

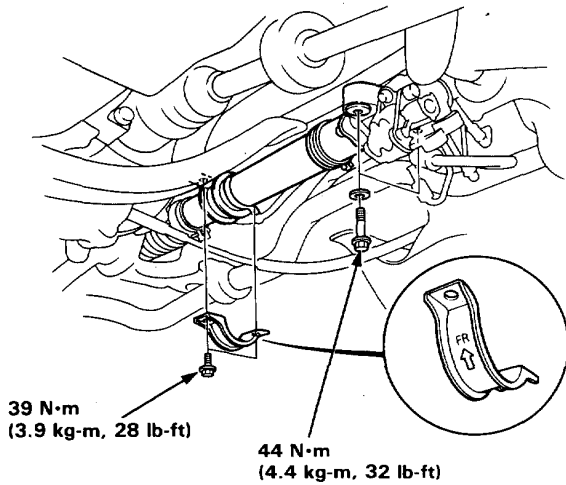


2. Tighten the stabilizer mounting bolts.





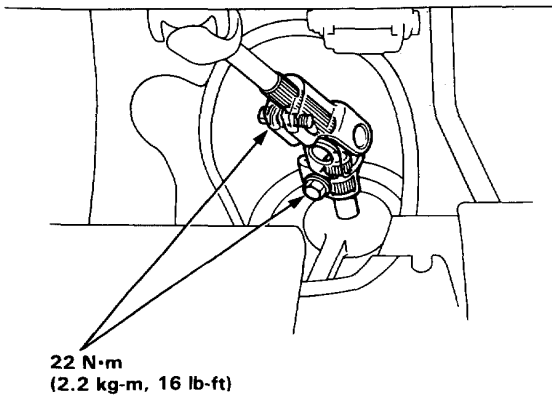
3. Tighten the gearbox mounting bolts.



4. Install the steering joint on the steering gearbox pinion.

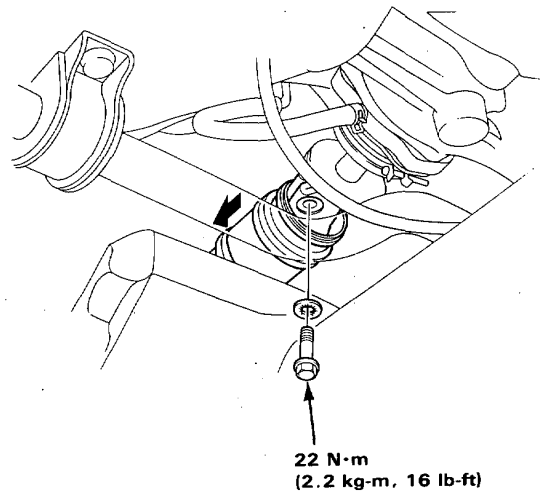
**NOTE:**

- Be sure that the lower bolt is securely in the groove in the steering gearbox pinion.
- Be sure the pinion shaft and the steering column shaft are aligned; the joint should slip on freely. If not, reposition the steering rack to correct the misalignment.



5. 4WS only

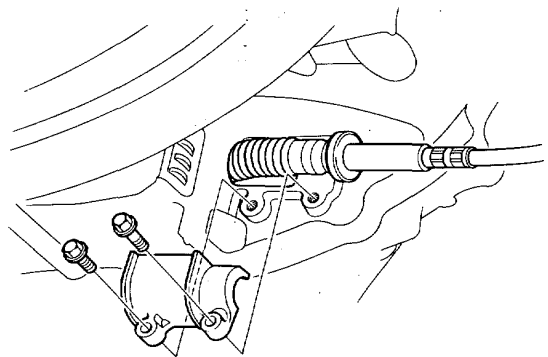
- Connect the joint and the driven pinion.



- Tighten the bolt at the driven pinion.
- Connect the joint guard and the joint guard cap.

6. Automatic transmission only

- Install the control cable to the clamp.



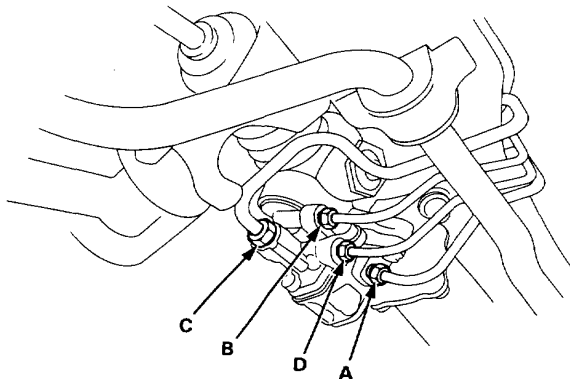
(cont'd)

# Steering Gearbox

## Installation (cont'd)

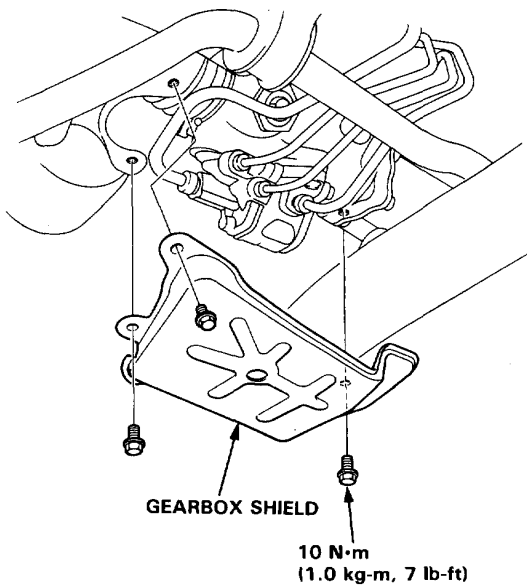
7. Connect the fluid lines to the control unit.

A: From pump: 14 mm wrench  
38 N·m (3.8 kg-m, 28 lb-ft)  
B: To oil cooler: 12 mm wrench  
13 N·m (1.3 kg-m, 9 lb-ft)  
C: To reservoir: 17 mm wrench  
29 N·m (2.9 kg-m, 20 lb-ft)  
D: To speed sensor: 12 mm wrench  
13 N·m (1.3 kg-m, 9 lb-ft)



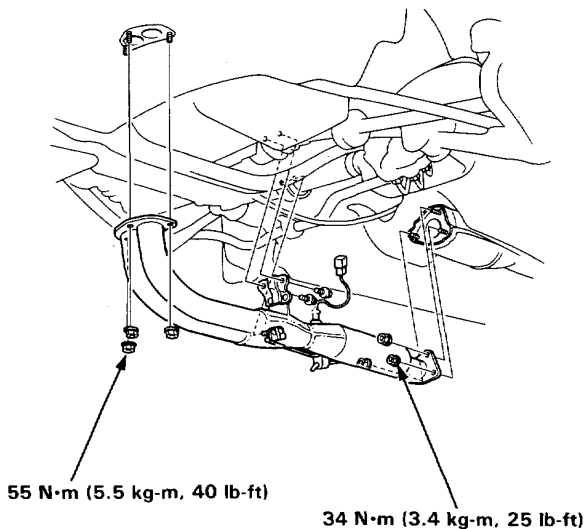
NOTE: Check the gearbox for leaks.

8. Install the splash guard.

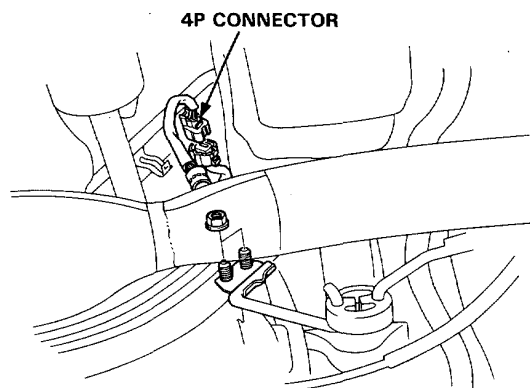


9. Install the header pipe with a new gasket, then tighten the new self-locking nuts and bolts.

**CAUTION:** Replace the exhaust gasket and self-locking nuts when you reinstall the pipe.

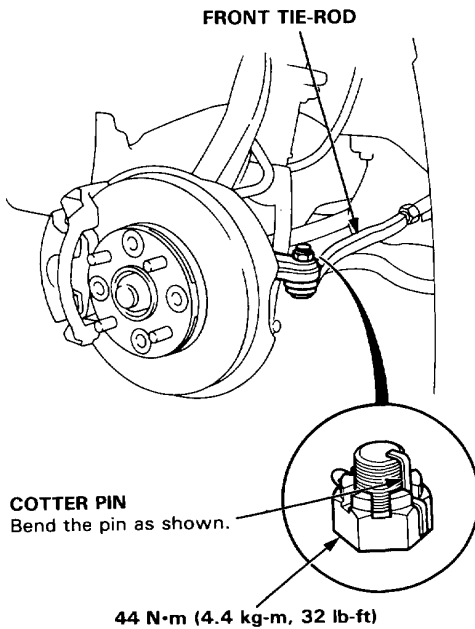


10. Install the header pipe bracket. Connect the 4P connector to the oxygen sensor.





11. Reconnect the tie-rods to the steering knuckles, tighten the ball joint nut to the specified torque, and install new cotter pins.



12. Fill the system:
- Fill the reservoir with new Honda Power Steering Fluid.
  - Start the engine and let it run at fast idle, then turn the steering wheel from lock-to-lock several times to bleed air from the system.
  - Check the fluid again, and add more if necessary.