



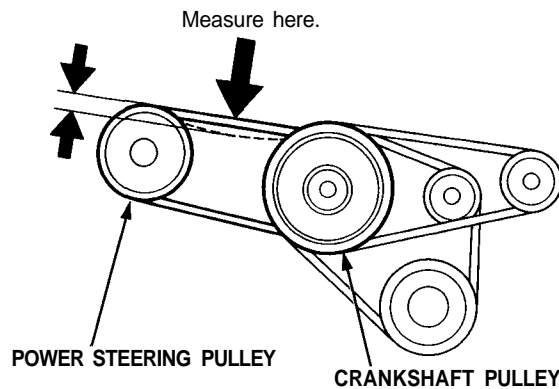
Maintenance

Pump Belt Adjustment

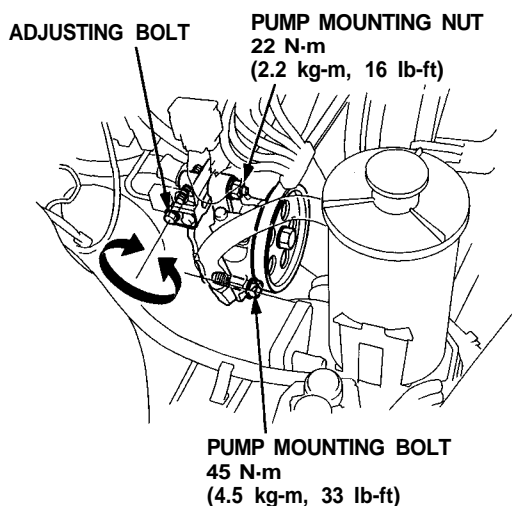
NOTE: When using a new power steering (PIS) pump belt, first adjust the deflection or tension to the values for the new pump belt, then readjust the deflection or tension to the values for the used pump belt after running engine for five minutes.

1. Remove the air cleaner housing cover and intake air duct (see [section 11](#)).
2. A properly adjusted pump belt should deflect about 11.5—13.5 mm (0.45—0.53 in) when you push on it mid-way between the pulleys with a force of about 100 N (10 kg, 22 lbs).

NOTE: On a brand new pump belt, the deflection should be 7.5-9.5 mm (0.30-0.37 in) when first measured.



3. Loosen the pump mounting bolt and nut and turn the adjusting bolt to get proper tension, then retighten the pump mounting bolt and nut.



4. Start the engine and turn the steering wheel from lock-to-lock several times, then stop the engine and recheck the pump belt tension.

On-Car Checks

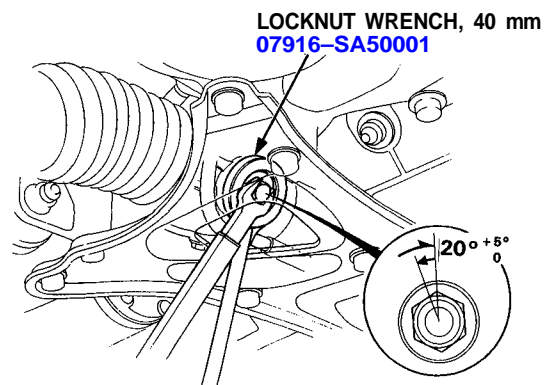
Rack Guide Adjustment

CAUTION: When servicing, be careful not to damage power steering fluid lines with the special tool.

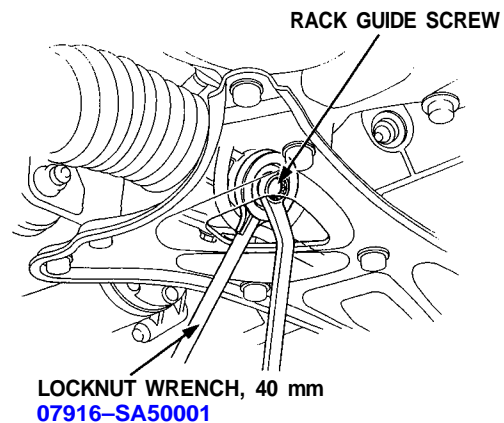
1. Loosen the rack guide screw locknut using the special tool as shown.

NOTE: Perform rack guide adjustment at the wheels straight ahead position.

2. Tighten, loosen and retighten the rack guide screw two times to 4 N·m (0.4 kg-m, 2.9 lb-ft), then back it off $20^{\circ} + 5^{\circ}_0$.



3. Tighten the locknut to about 25N·m (2.5 kg-m, 18 lb-ft) while preventing the guide screw from turning.



4. Check for tight or loose steering through the complete turning travel.
5. Recheck steering assist (see page [17-20](#)).