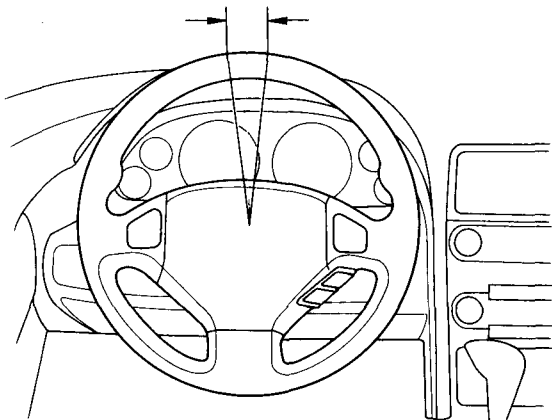


Inspection

Steering Wheel Rotational Play

- 1. Place the front wheels in a straight ahead position, and measure the distance the steering wheel can be turned without moving the front wheels.
- 2. If the play exceeds the service limit, check all steering components.

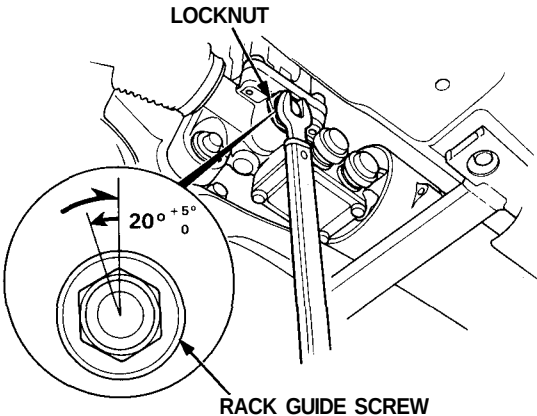
Service Limit: 5 mm (0.2 in) maximum



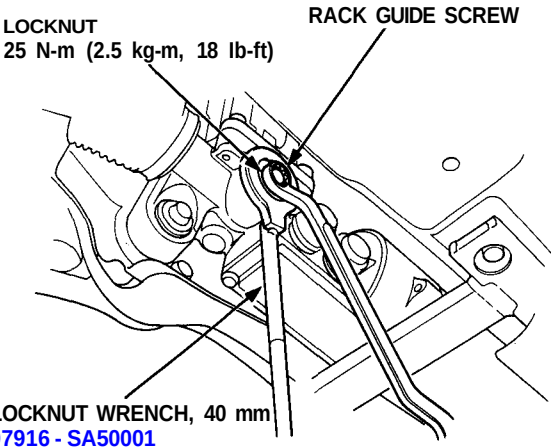
Steering Gearbox Adjustment

⚠ WARNING Serious burns may result if you touch any cooling components when the cooling system is hot.

- 1. Loosen the rack guide screw locknut.
- 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° ± 1°.



- 3. Tighten the locknut on the rack guide screw with the special tool.
- 4. Check for tight or loose steering through the complete turning travel.
- 5. Recheck steering assist.



Power Assist Check With Car Parked

Turn the steering wheel with a spring scale. Read the measurement when the front wheels or steering wheel start to move.

Operation Standard

Condition	Stationary Swing operation load
Without power assist (engine off)	120 N (12 kg, 26 lbs) maximum
With power assist (engine running)	42 N (4.2 kg, 9.3 lbs) maximum

