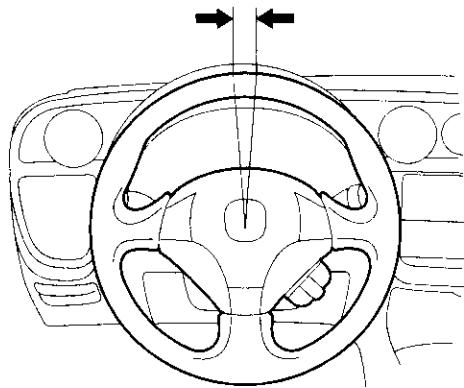




Steering Wheel Rotational Play Check

1. Turn the front wheels to the straight ahead position.
2. Measure how far you can turn the steering wheel left and right without moving the front wheels.
 - If the play is within the limit, the gearbox and linkages are OK.
 - If the play exceeds the limit, adjust the rack guide (see page 17-30). If the play is still excessive after rack guide adjustment, inspect the steering linkage and gearbox (see page 17-8).

ROTATIONAL PLAY: 0–10 mm (0–0.39 in.)



Power Assist Check

1. Check the power steering fluid level (see page 17-12).
2. Start the engine, let it idle, and turn the steering wheel from lock-to-lock several times to warm up the fluid.
3. Attach a commercially available spring scale to the steering wheel. With the engine idling and the vehicle on a clean, dry floor, pull the scale as shown and read it as soon as the tires begin to turn.
 - If the scale reads no more than specifications, the gearbox and pump are OK.
 - If the scale reads more than specifications, troubleshoot the steering system (see page 17-6).

INITIAL TURNING LOAD:

K20A3 Engine models: 37.2 N (3.8 kgf, 8.4 lbf)

K20A2 Engine models: 38.2 N (3.9 kgf, 8.6 lbf)

