

Preset Torque

Inspection

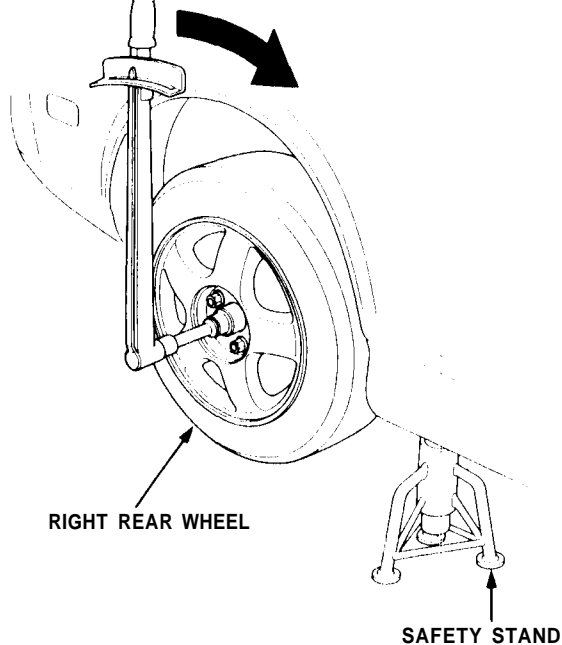
On-Vehicle:

1. Block the front wheels.
2. Shift to low gear.
3. Lift up rear wheels, and place the safety stand (Lift and Support Points, see [section 1](#)).
4. Measure preset torque clockwise using a torque wrench as shown.

Standard: 118 - 275 N-m (12 - 28 kgf m,
87 - 203 lbf-ft)

Service Limit: 60 N-m (6 kgf-m, 43 lbf-ft)

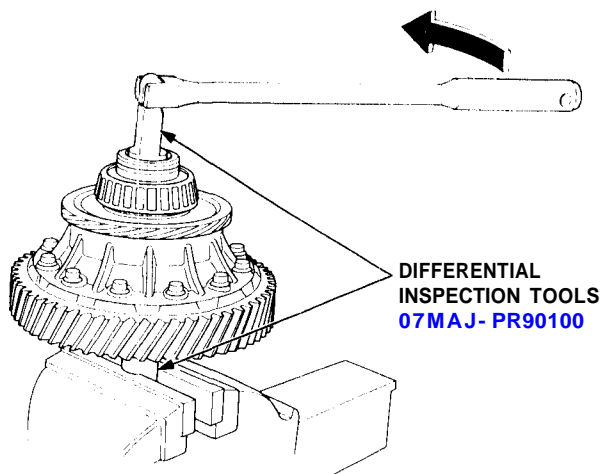
TORQUE WRENCH



5. If preset torque is less than the service limit, replace the limited slip differential clutch set. Adjust the 65 mm (differential housing cover side) and 112 mm (differential housing cover side) shims whenever the clutch set is replaced.

Assembly:

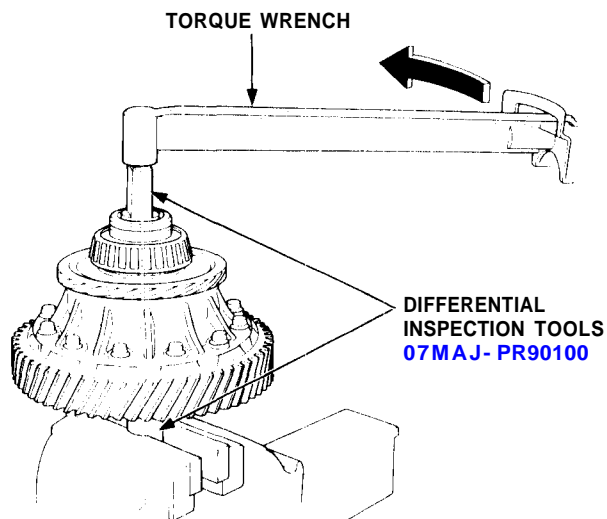
1. Place one special tool in a vise. Place the left side of the differential assembly on the special tool, then preset the differential with 3 - 5 rotations, counter clockwise.



2. Measure preset torque counterclockwise using a torque wrench as shown.

Standard: 59 - 137 N-m (6 - 14 kgf-m,
43 - 101 lbf-ft)

Service Limit: 30 N-m (3 kgf-m, 22 lbf-ft)



3. If preset torque is less than the service limit, replace the limited slip differential clutch set. Adjust the 65 mm and 112 mm shims whenever the clutch set is replaced.