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Service Category: Drivetrain	Section: Axle/Differential	
Model Year: 2008	Model: ES350	Doc ID: RM000001IX2001X
Title: AXLE: FRONT AXLE HUB: ON-VEHICLE INSPECTION (2008 ES350)		

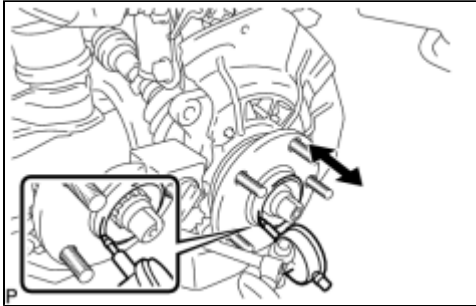
ON-VEHICLE INSPECTION

1. REMOVE FRONT WHEEL

2. SEPARATE FRONT DISC BRAKE CALIPER ASSEMBLY INFO

3. REMOVE FRONT DISC INFO

4. INSPECT FRONT AXLE HUB BEARING LOOSENESS



(a) Using a dial indicator, check for looseness near the center of the axle hub.

Maximum:
0.05 mm (0.0020 in.)

NOTICE:

Ensure that the dial indicator is set perpendicular to the measurement surface.

HINT:

If looseness exceeds the maximum, replace the bearing.

5. INSPECT FRONT AXLE HUB RUNOUT



(a) Using a dial indicator, check for runout on the surface of the axle hub outside the hub bolt.

Maximum:
0.05 mm (0.0020 in.)

NOTICE:

Ensure that the dial indicator is set perpendicular to the measurement surface.

HINT:

If runout exceeds the maximum, replace the axle hub.

6. INSTALL FRONT DISC INFO

7. INSTALL FRONT DISC BRAKE CALIPER ASSEMBLY INFO

8. INSTALL FRONT WHEEL

Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

