

Last Modified: 7-13-2007		1.6 G
Service Category: Drivetrain	Section: Axle/Differential	
Model Year: 2008	Model: ES350	Doc ID: RM0000011XM001X
Title: AXLE: REAR AXLE HUB AND BEARING: ON-VEHICLE INSPECTION (2008 ES350)		

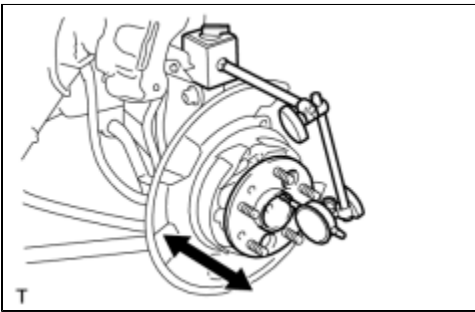
## ON-VEHICLE INSPECTION

### 1. REMOVE REAR WHEEL

### 2. SEPARATE REAR DISC BRAKE CALIPER ASSEMBLY [INFO](#)

### 3. REMOVE REAR DISC [INFO](#)

### 4. INSPECT REAR AXLE HUB BEARING LOOSENESS



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

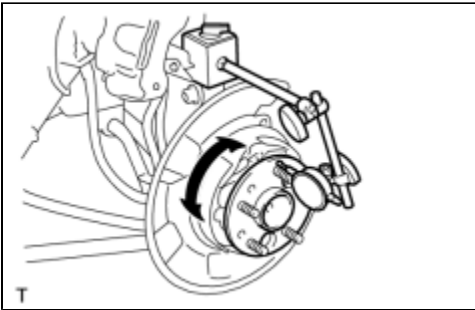
Maximum:  
0.05 mm (0.0020 in.)

#### NOTICE:

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

If looseness exceeds the maximum, replace the axle hub assembly.

### 5. INSPECT REAR AXLE HUB RUNOUT



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

Maximum:  
0.07 mm (0.0027 in.)

#### NOTICE:

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

If runout exceeds the maximum, replace the axle hub assembly.

### 6. INSTALL REAR DISC [INFO](#)

### 7. INSTALL REAR DISC BRAKE CALIPER ASSEMBLY [INFO](#)

### 8. INSTALL REAR WHEEL

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

