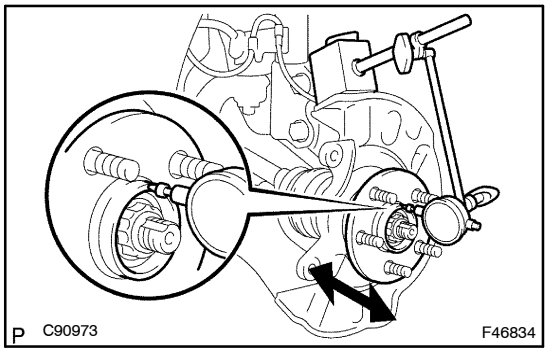
300O5–01

ON–VEHICLE INSPECTION



1. INSPECT FRONT AXLE HUB BEARING LOOSENESS

(a) Remove the front tire.

(b) Remove the front disc brake caliper.

(c) Remove the front disc.

HINT:

Put matchmarks on the front disc and front axle hub.

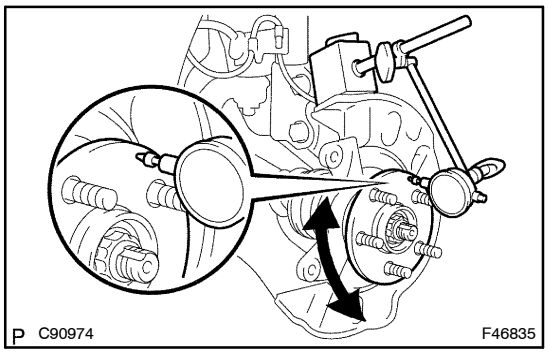
(d) Inspect the front axle hub & bearing looseness.

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

Maximum: 0.05 mm (0.0020 in.)

NOTICE:

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



2. INSPECT FRONT AXLE HUB RUNOUT

(a) Using a dial indicator, check for runout of the axle hub.

Maximum: 0.05 mm (0.0020 in.)

NOTICE:

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

(b) Install the front disc.

HINT:

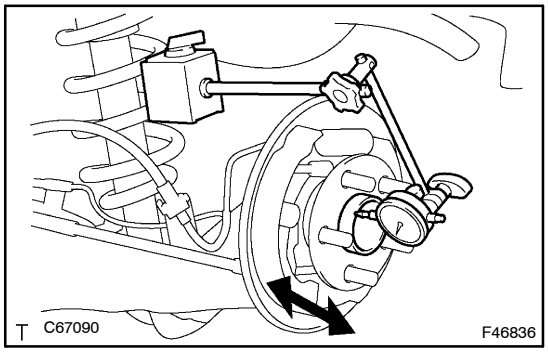
Align the matchmarks of the front disc and front axle hub before installing them.

(c) Install the front disc brake caliper.

Torque: 109 N·m (1,114 kgf·cm, 81 ft·lbf)

(d) Install the front tire.

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



3. INSPECT REAR AXLE HUB BEARING LOOSENESS

(a) Remove the rear tire.

(b) Remove the rear disc brake caliper.

(c) Remove the rear disc.

HINT:

Put matchmarks on the rear disc and rear axle hub.

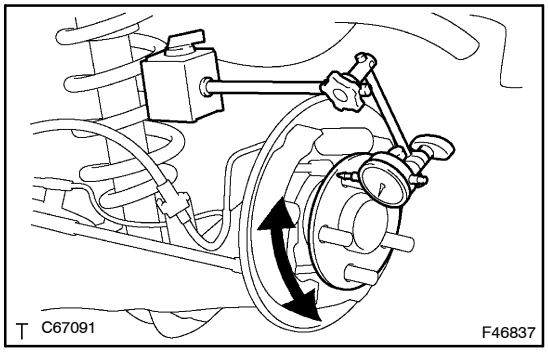
(d) Inspect the rear axle hub & bearing looseness.

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

Maximum: 0.05 mm (0.0020 in.)

NOTICE:

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



4. INSPECT FRONT AXLE HUB BEARING RUNOUT

(a) Using a dial indicator, check for runout of the axle hub.
Maximum: 0.07 mm (0.0028 in.)

NOTICE:

If runout exceeds the maximum, replace the axle hub.

(b) Install the rear disc.

HINT:

Align the matchmarks of the rear disc and rear axle hub before installing them.

(c) Install the rear disc brake caliper.
Torque: 47 N·m (475 kgf·cm, 35 ft·lbf)

(d) Install the rear tire.
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)