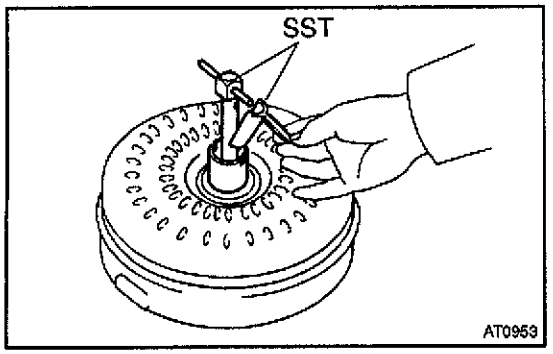


TORQUE CONVERTER AND DRIVE PLATE

AT031-01

INSPECTION

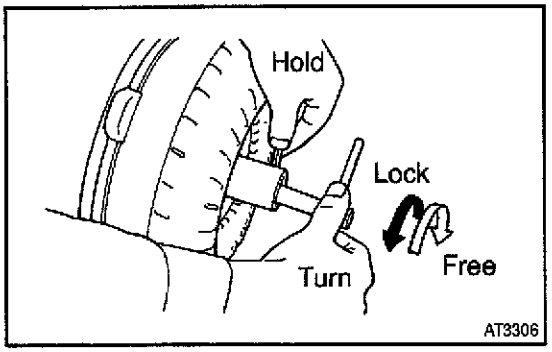
1. INSPECT ONE–WAY CLUTCH

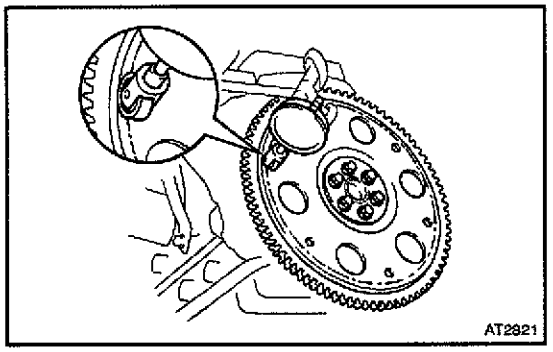
(a) Install SST into the inner race of the one–way clutch.
SST 09350–32020 (09351–32010)

(b) Install SST so that it fits in the notch of the converter hub and outer race of the one–way clutch.
SST 09350–32020 (09351–32020)

(c) With the torque converter standing on its side, check that the clutch locks when turned counterclockwise, and rotates freely and smoothly clockwise.

If necessary, clean the converter and retest the clutch.
Replace the converter if the clutch still fails the test.



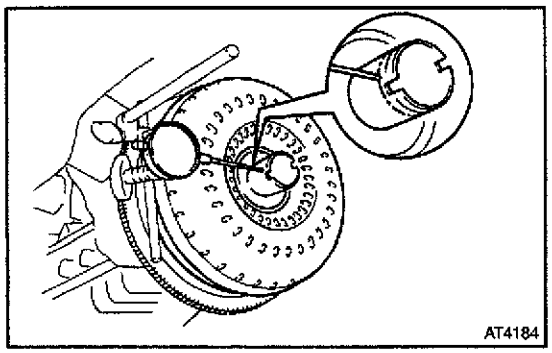


2. MEASURE DRIVE PLATE RUNOUT AND INSPECT RING GEAR

(a) Set up a dial indicator and measure the drive plate runout.

(b) Check the damage of the ring gear.
Maximum runout: 0.20 mm (0.0079 in.)

If the runout is not within the specification or ring gear is damaged, replace the drive plate.
Torque: 74 N·m (750 kgf·cm 54 ft·lbf)



3. MEASURE TORQUE CONVERTER SLEEVE RUNOUT

Temporarily mount the torque converter to the drive plate. Set up a dial indicator and measure the torque converter sleeve runout.
Maximum runout: 0.30 mm (0.0118 in.)

If the runout is not within the specification, try to correct by reorienting the installation of the converter.

HINT:
Mark the position of the converter to ensure the correct installation.