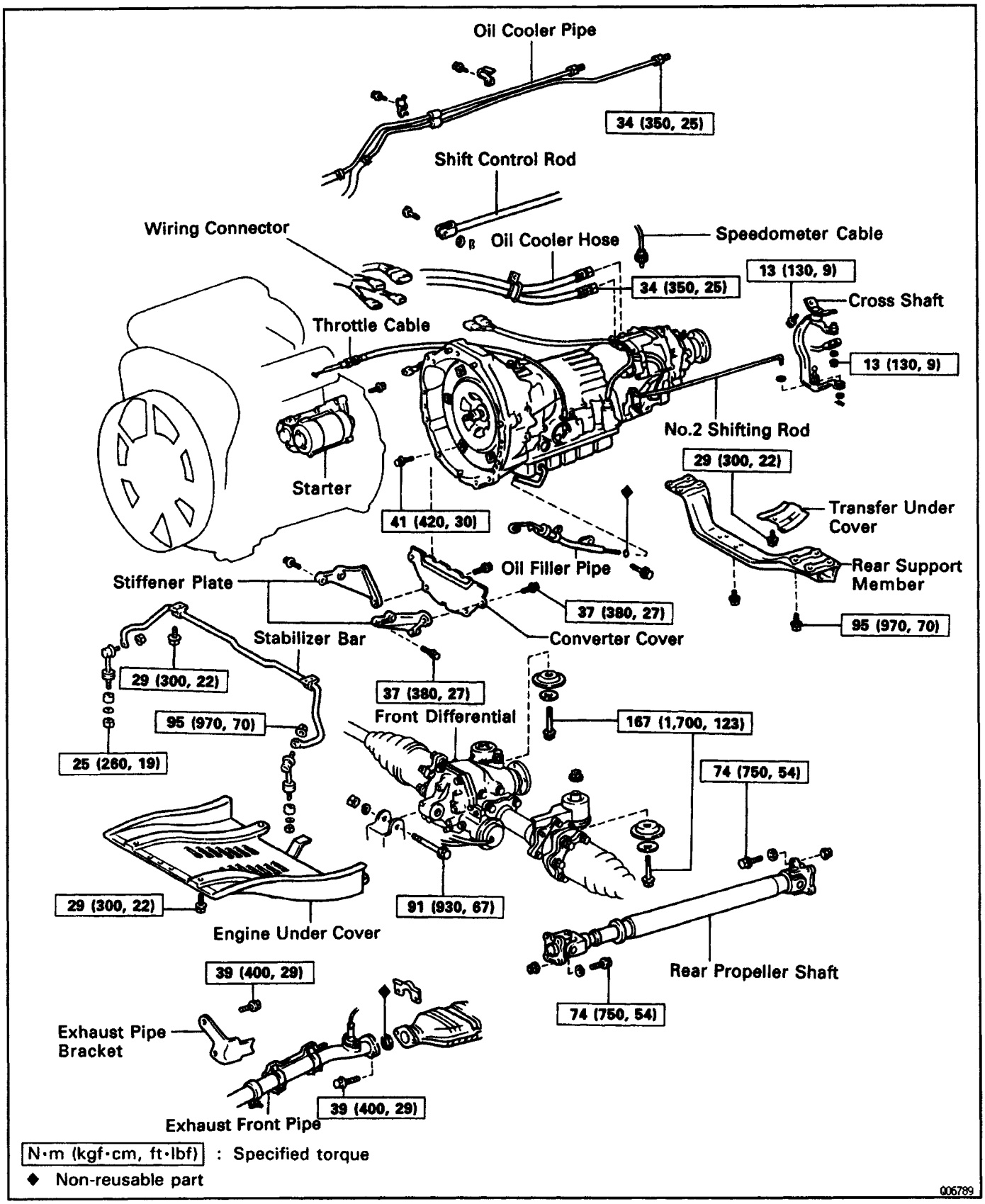
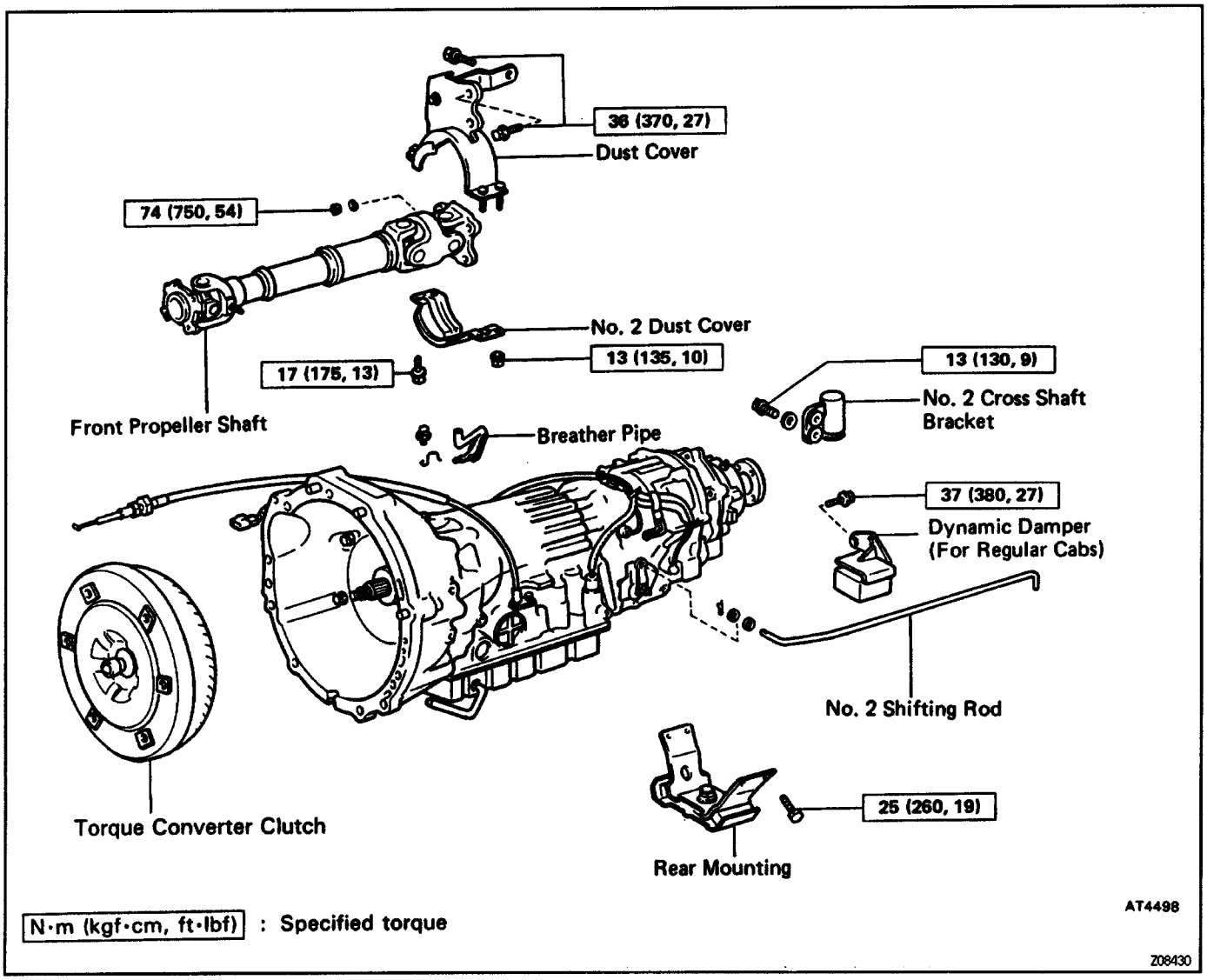
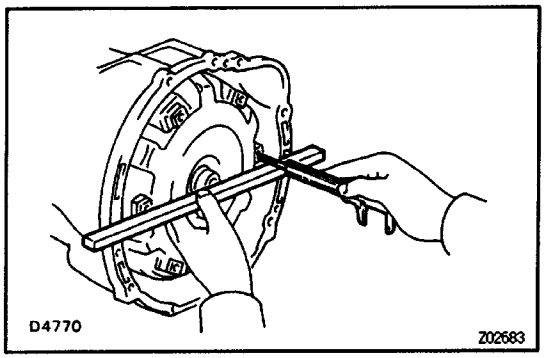
ASSEMBLY REMOVAL AND INSTALLATION

Remove and install the parts, as shown.







MAIN POINTS OF INSTALLATION

1. CHECK TORQUE CONVERTER CLUTCH INSTALLATION

Using calipers and a straight edge, measure from the installed surface of the torque converter clutch to the front surface of the transmission housing.

Correct distance:

18.0 mm (0.709 in.)

If the distance is less than the standard, check for improper installation.

2. ADJUST TRANSMISSION THROTTLE CABLE

(See page AT2–26)

3. FILL TRANSMISSION WITH ATF AND CHECK FLUID LEVEL

Fluid type:

ATF DEXRON II

Capacity:

	Transmission liter (US qts, Imp. qts)	Transfer liter (US qts, Imp. qts)
Drain and refill	**4.5 (4.8, 4.0)**	**0.8 (0.8, 0.7)**
Dry fill	**10.3 (10.9, 9.1)**	**1.1 (1.2, 1.0)**

NOTICE: Do not overfill.

TORQUE CONVERTER CLUTCH CLEANING

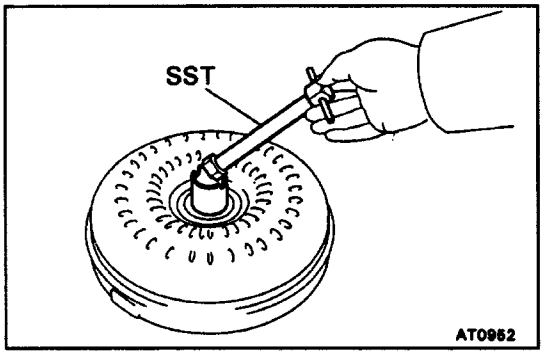
If the transmission is contaminated, the torque converter clutch and transmission cooler should be thoroughly flushed with ATF.

TORQUE CONVERTER CLUTCH AND DRIVE PLATE INSPECTION

1. INSPECT ONE–WAY CLUTCH

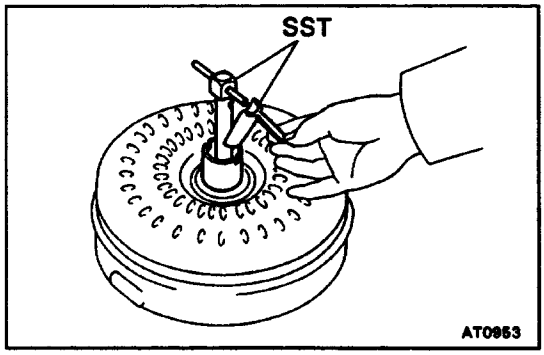
(a) Install SST in the inner race of one–way clutch.

SST 09350–30020 (09351–32010)



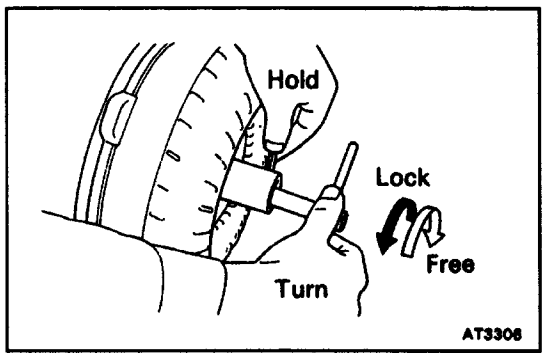
(b) Install SST so that it fits in the notch of the converter hub and outer race of the one–way clutch.

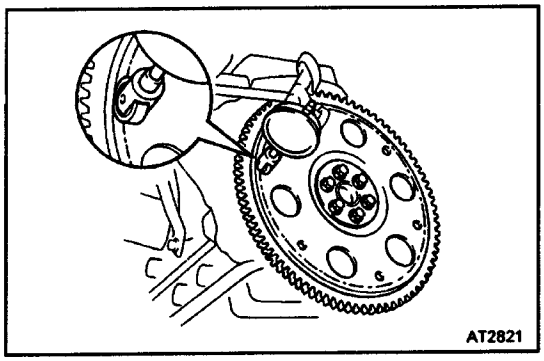
SST 09350–30020 (09351–32020)

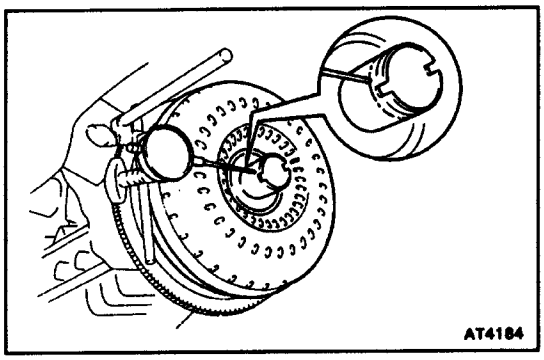


(c) With the torque converter clutch held upright, the clutch should lock when turned counterclockwise, and rotate freely and smoothly clockwise.

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







2. MEASURE DRIVE PLATE RUNOUT AND INSPECT RING GEAR .

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

Maximum runout:

0.20 mm (0.0079 in.)

If the runout is not within specification, or if the ring gear is damaged, replace the drive plate. If installing a new drive plate, note the orientation of spacers and tighten the bolts.

Torque: 83 N–m (850 kgf–em, 61 ft–lbf)

3. MEASURE TORQUE CONVERTER CLUTCH SLEEVE RUNOUT

(a) Temporarily mount the torque converter clutch to the drive plate. Set up a dial indicator.

Maximum runout:

0.30 mm (0.0118 in.)

If the runout is not within specification, try to correct by re–orienting the installation of the converter clutch.

If excessive runout cannot be corrected, replace the torque converter clutch.

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

(b) Remove the torque converter clutch.