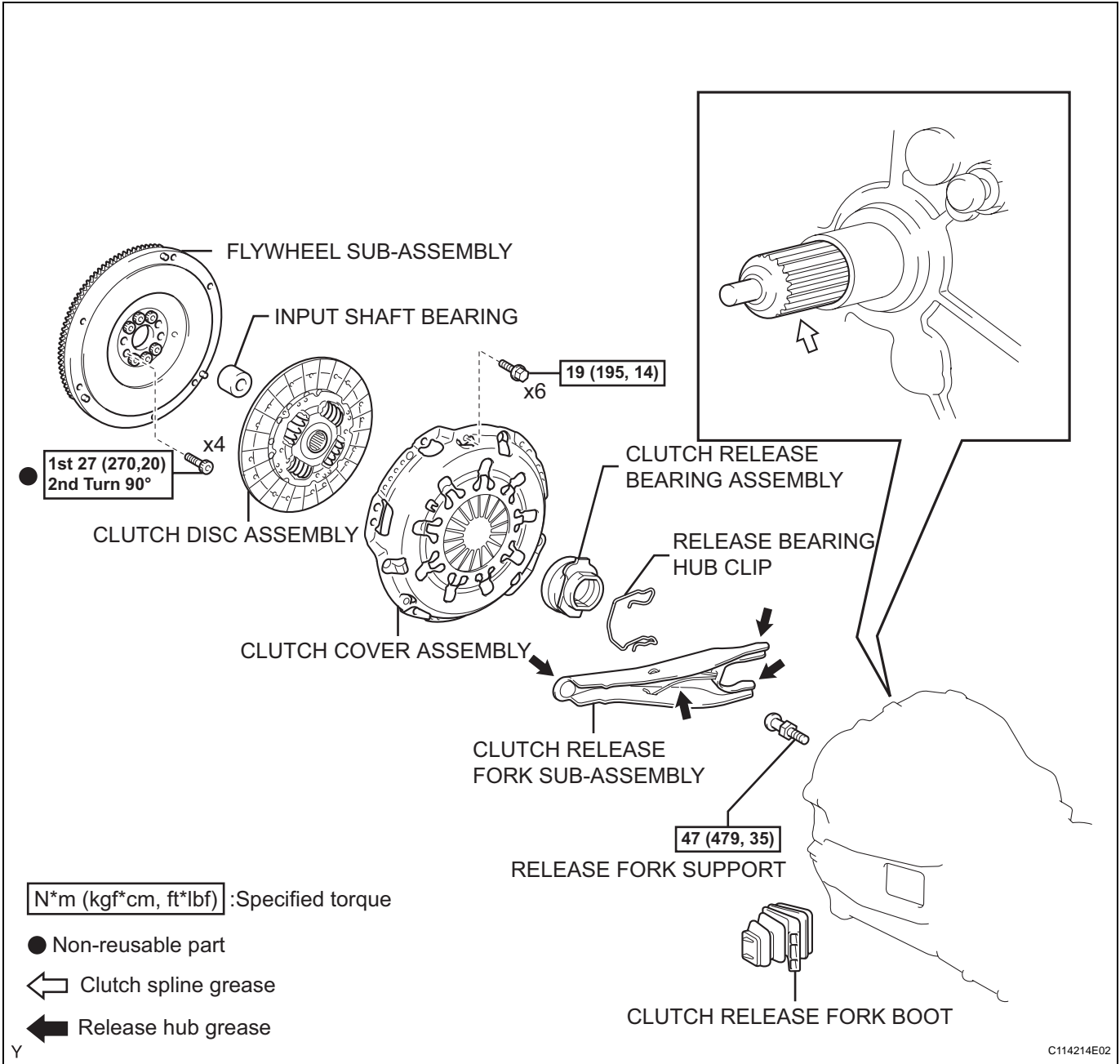


CLUTCH UNIT (for R155)

COMPONENTS

CL



REMOVAL

1. REMOVE MANUAL TRANSMISSION UNIT ASSEMBLY

(See page [MT-6](#))

2. REMOVE CLUTCH RELEASE FORK SUB-ASSEMBLY

(a) Remove the clutch release fork together with the clutch release bearing from the transmission assembly.

3. REMOVE CLUTCH RELEASE BEARING ASSEMBLY

(a) Remove the clutch release bearing assembly from the clutch release fork.

4. REMOVE RELEASE FORK SUPPORT

(a) Remove the release fork support from the transaxle assembly.

5. REMOVE RELEASE BEARING HUB CLIP

6. REMOVE CLUTCH RELEASE FORK BOOT

7. REMOVE CLUTCH COVER ASSEMBLY

(a) Align the matchmark on the clutch cover assembly with the one on the flywheel sub-assembly.

(b) Loosen each set bolt one turn at a time until the spring tension is released.

(c) Remove the 6 bolts and clutch cover assembly.

NOTICE:

Do not drop the clutch disc assembly.

8. REMOVE CLUTCH DISC ASSEMBLY

NOTICE:

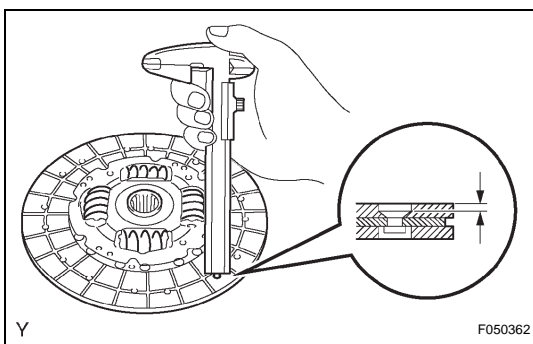
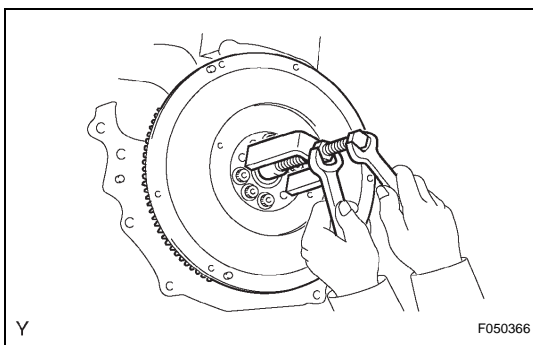
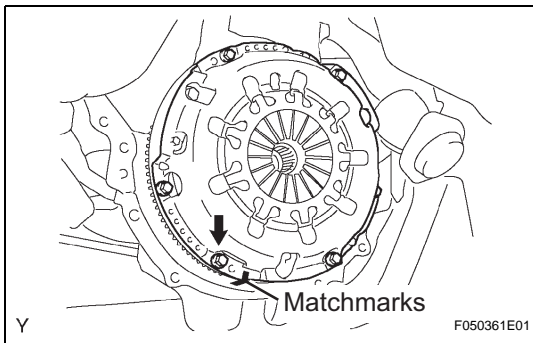
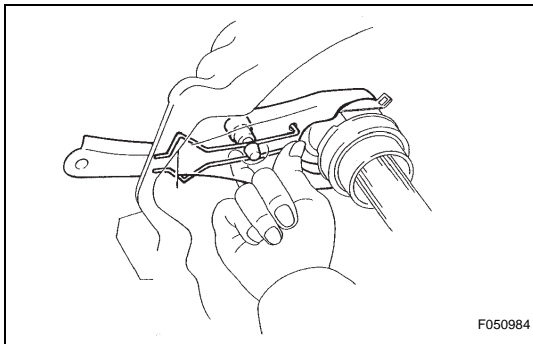
Keep the lining part of the clutch disc assembly, pressure plate and surface of the flywheel sub-assembly free from oil and foreign matter.

9. REMOVE INPUT SHAFT BEARING

(a) Remove the 4 bolts at diametrically opposite points.

(b) Using SST, remove the pilot bearing.

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INSPECTION

1. INSPECT CLUTCH DISC ASSEMBLY

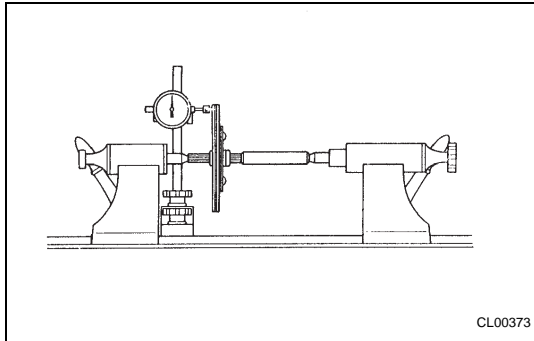
(a) Using vernier calipers, measure the rivet head depth.

Maximum rivet depth:

0.3 mm (0.012 in.)

If necessary, replace the clutch disc assembly.

CL



- (b) Install the clutch disc assembly onto the transaxle assembly.

NOTICE:

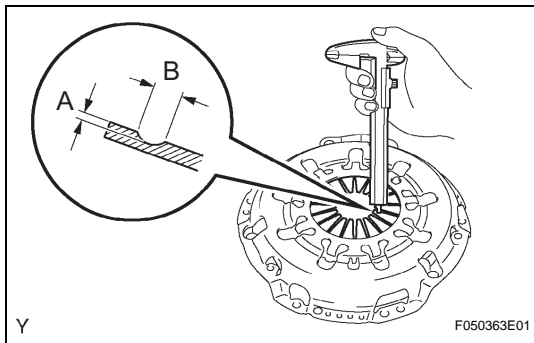
Take care not to insert the clutch disc assembly in the wrong orientation.

- (c) Using a dial indicator, check the clutch disc assembly runout.

Minimum runout:

0.8 mm (0.031 in.)

If necessary, replace the clutch disc assembly.

**2. INSPECT CLUTCH COVER ASSEMBLY**

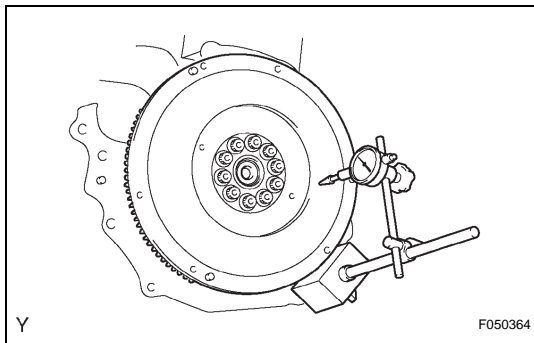
- (a) Using vernier calipers, inspect the depth and width of wear of the diaphragm spring.

Minimum:

A (Depth): 0.5 mm (0.020 in.)

B (Width): 6.0 mm (0.236 in.)

If necessary, replace the clutch cover assembly.

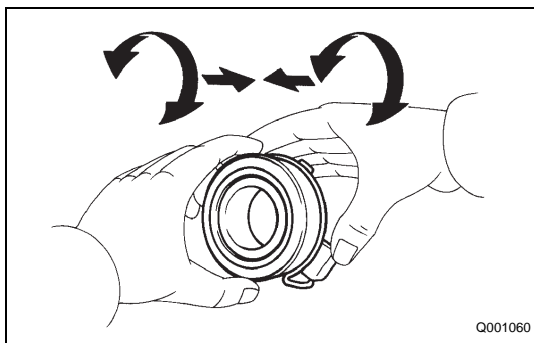
**3. INSPECT FLYWHEEL SUB-ASSEMBLY**

- (a) Using a dial indicator, inspect the flywheel sub-assembly runout.

Maximum runout:

0.1 mm (0.004 in.)

If necessary, replace the flywheel sub-assembly.

**4. INSPECT CLUTCH RELEASE BEARING ASSEMBLY**

- (a) Turn the release bearing by hand while applying force in the axial direction.

HINT:

The bearing is permanently lubricated and requires no cleaning or lubrication.

If necessary, replace the release bearing assembly.