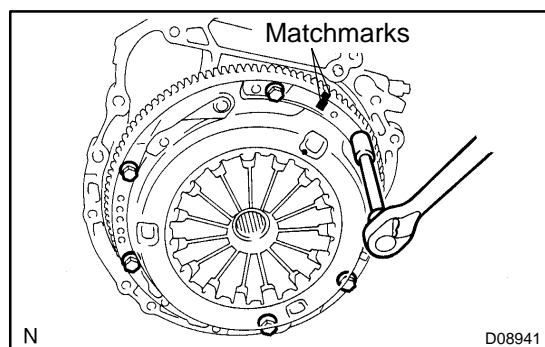


CLUTCH UNIT OVERHAUL

4202F-03

1. REMOVE MANUAL TRANSAXLE ASSY
(SEE PAGE 41-11)
2. REMOVE CLUTCH RELEASE FORK BOOT
3. REMOVE CLUTCH RELEASE BEARING ASSY
4. REMOVE CLUTCH RELEASE FORK SUB-ASSY
5. REMOVE RELEASE BEARING HUB CLIP
6. REMOVE RELEASE FORK SUPPORT

- (a) Remove the release fork support from the manual transaxle assy.



7. REMOVE CLUTCH COVER ASSY

- (a) Place the matchmarks on the clutch cover assy with the one on the flywheel sub-assy.
- (b) Loosen each set bolt one turn at a time until spring tension is released.
- (c) Remove the set bolts and pull off the clutch cover assy.

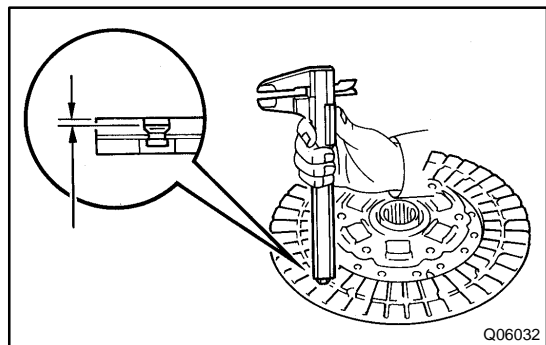
NOTICE:

Do not drop the clutch disc assy.

8. REMOVE CLUTCH DISC ASSY

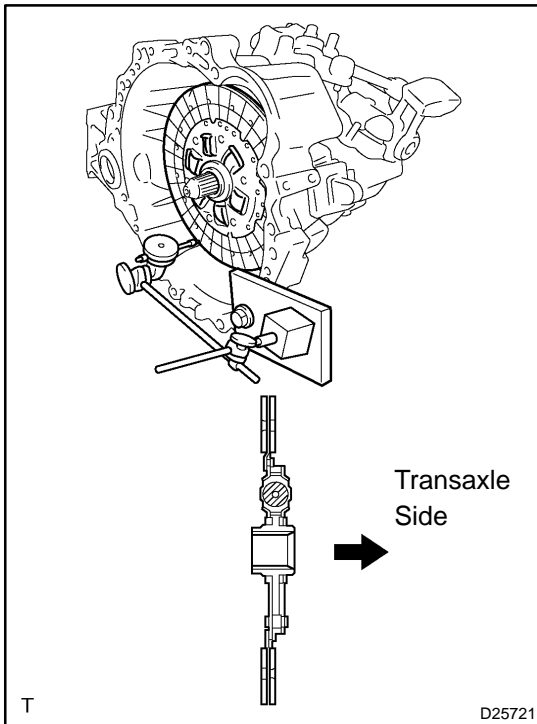
NOTICE:

Keep the lining part of the clutch disc assy, the pressure plate and surface of the flywheel sub-assy away from oil and foreign attachment.



9. INSPECT CLUTCH DISC ASSY

- (a) Using vernier calipers, measure the rivet head depth.
Maximum rivet depth: 0.3 mm (0.012 in.)
If necessary, replace the clutch disc assy.



- (b) Install the clutch disc assy to the transaxle assy.

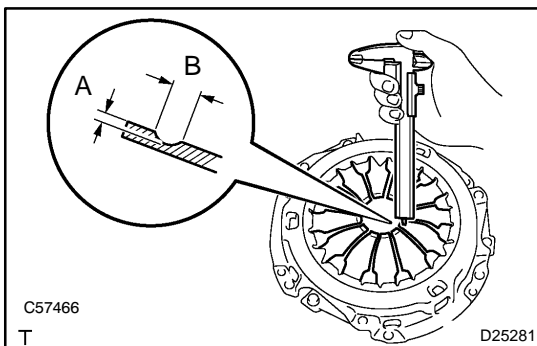
NOTICE:

Take care not to insert the clutch disc assy in the wrong direction

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

Minimum runout: 0.8 mm (0.031 in.)

If necessary, replace the clutch disc assy.



10. INSPECT CLUTCH COVER ASSY

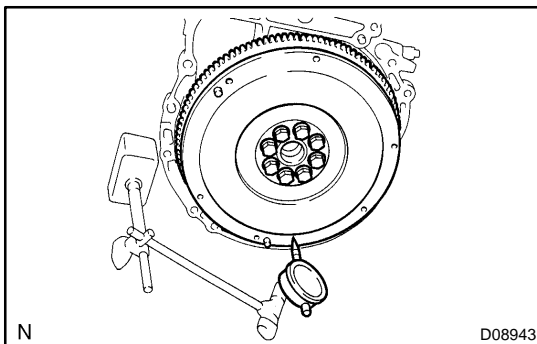
- (a) Using vernier calipers, inspect the diaphragm spring for depth and width of wear.

Maximum:

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

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

If necessary, replace clutch cover assy.

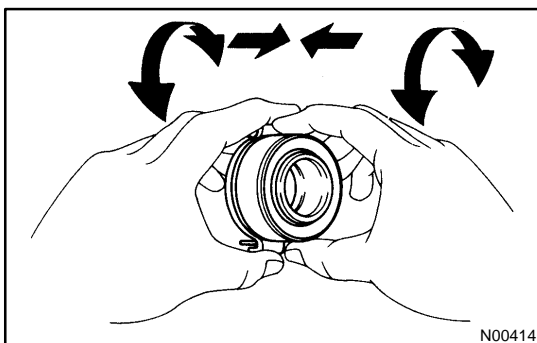


11. INSPECT FLYWHEEL SUB-ASSY

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

Maximum runout: 0.1 mm (0.004 in.)

If necessary, replace the flywheel sub-assy.



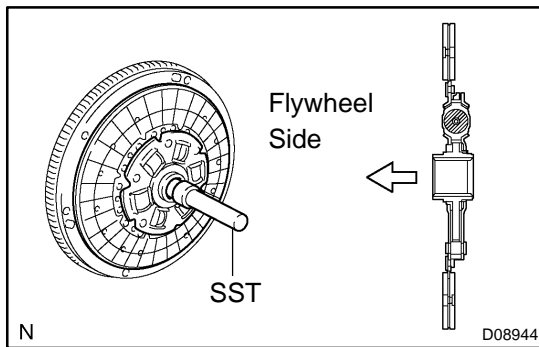
12. INSPECT CLUTCH RELEASE BEARING ASSY

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

HINT:

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

If necessary, replace the release bearing assy.



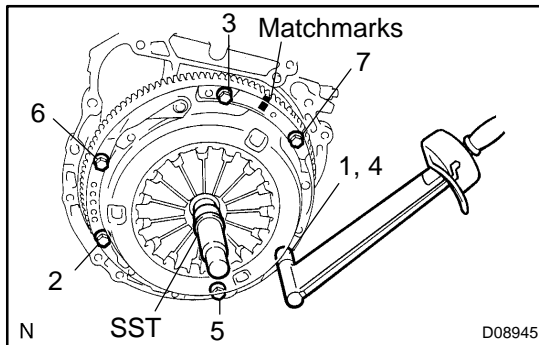
13. INSTALL CLUTCH DISC ASSY

- (a) Insert SST in the clutch disc assy, then insert them in the flywheel sub-assy.

SST 09301-00220

NOTICE:

Take care not to insert clutch disc assy in the wrong direction.



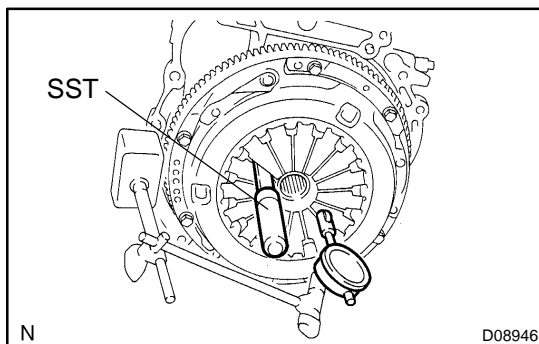
14. INSTALL CLUTCH COVER ASSY

- (a) Align the matchmarks on the clutch cover assy and flywheel sub-assy.
- (b) Following the procedures shown in the illustration, tighten the 6 bolts, in the order starting the bolt locating near the knock pin on the top.

Torque: 19 N·m (195 kgf·cm, 14 ft·lbf)

HINT:

- Following the order in the illustration, tighten the bolts at a time evenly.
- Move SST up and down, right and left lightly, after checking that the disc is in the center, tighten the bolts.



15. INSPECT AND ADJUST CLUTCH COVER ASSY

- (a) Using a dial indicator with roller instrument, check the diaphragm spring tip alignment.

Maximum non-alignment: 0.5 mm (0.020 in.)

If alignment is not as specified, using SST, adjust the diaphragm spring tip alignment.

SST 09333-00013

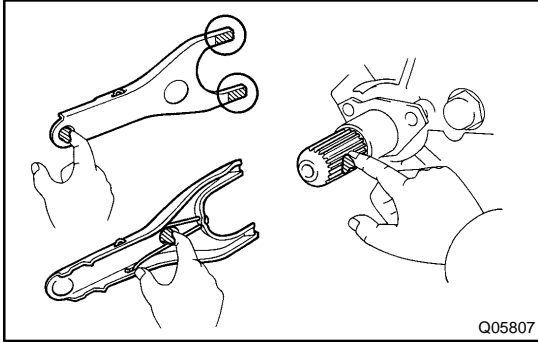
16. INSTALL RELEASE FORK SUPPORT

- (a) Install the release fork support to the manual transaxle assy.

Torque: 47 N·m (480 kgf·cm, 35 ft·lbf)

17. INSTALL RELEASE BEARING HUB CLIP

- (a) Install the release bearing hub clip to the release bearing assy.

**18. INSTALL CLUTCH RELEASE FORK SUB-ASSY**

- (a) Apply release hub grease to the release fork and release bearing assy contact, release fork and push rod contact and release fork pivot points.

Sealant:

Part No. 08887-01806, RELEASE HUB GREASE or equivalent

- (b) Install the release fork to the release bearing assy.

19. INSTALL CLUTCH RELEASE BEARING ASSY

- (a) Apply the clutch spline grease to the input shaft spline.

Sealant:

Part No. 08887-01706, CLUTCH SPLINE GREASE or equivalent

- (b) Install the release fork with release bearing assy to the manual transaxle assy.

NOTICE:

After the installation, move the fork forward and backward to check that the release bearing slides smoothly.

20. INSTALL CLUTCH RELEASE FORK BOOT**21. INSTALL MANUAL TRANSAXLE ASSY
(SEE PAGE 41-11)**