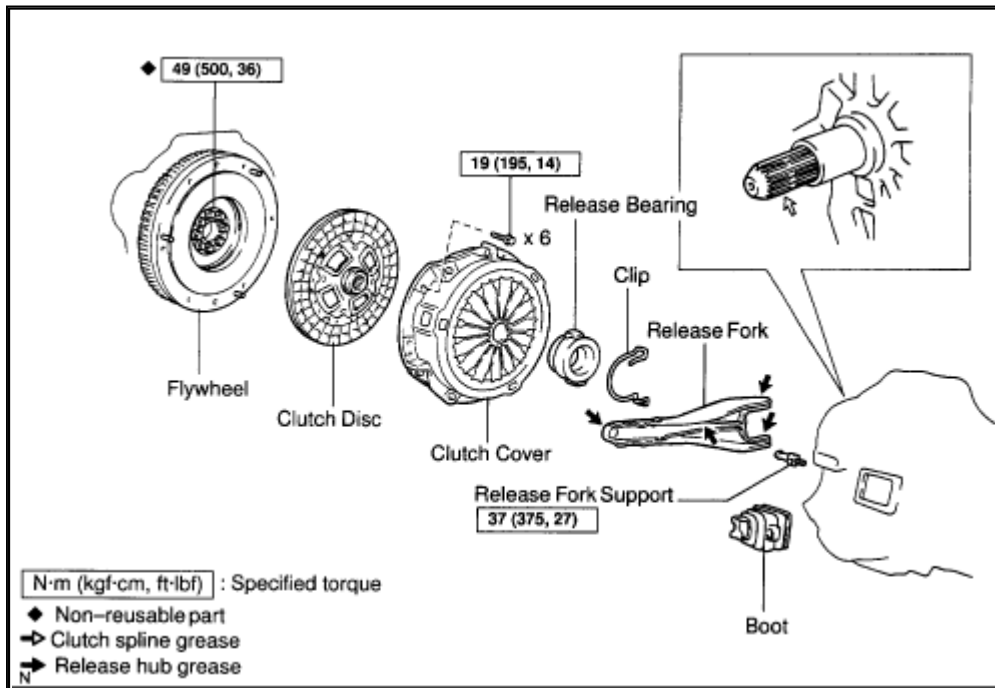


Service and Repair

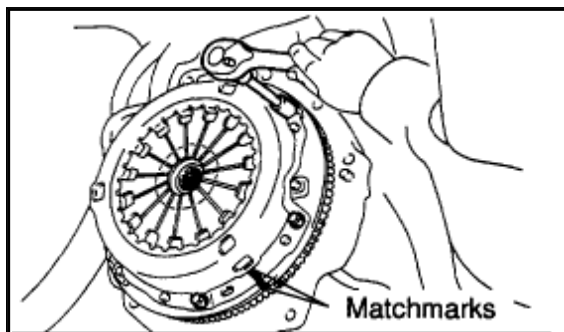


ZOOM

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REMOVAL

1. REMOVE TRANSAXLE FROM ENGINE



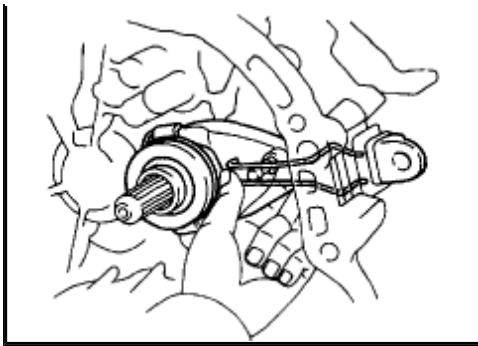
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2. REMOVE CLUTCH COVER AND DISC

- a) Align the matchmark on the clutch cover with the one on the [flywheel](#).
- 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 with the [clutch disc](#).

NOTICE: Do not drop the [clutch disc](#).

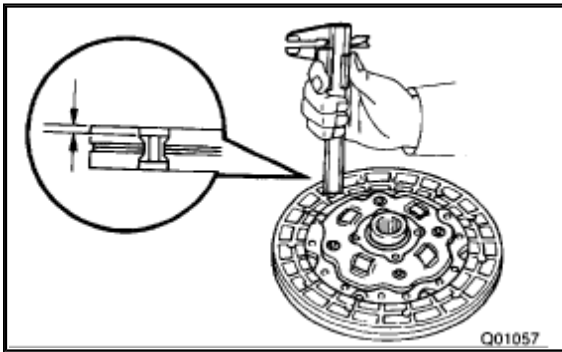


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3. REMOVE RELEASE BEARING AND FORK FROM TRANSAXLE Remove the release bearing with the fork together and then separate them.
4. REMOVE RELEASE FORK SUPPORT AND BOOT

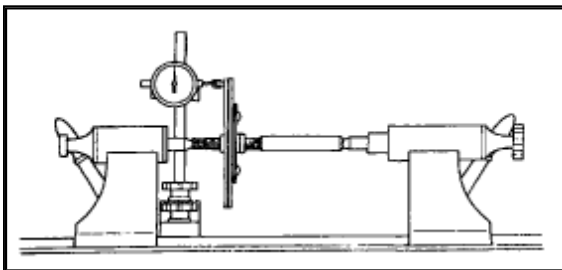
INSPECTION



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1. INSPECT **CLUTCH DISC** FOR WEAR OR DAMAGE Using vernier calipers, measure the rivet head depth. Minimum rivet depth: **0.3 mm (0.012 inch)** If necessary, replace the **clutch disc**.

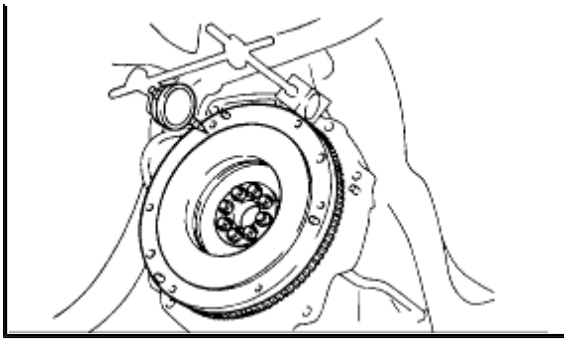


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2. INSPECT **CLUTCH DISC** RUNOUT Using a dial indicator, check the disc runout. Maximum runout: **0.8 mm (0.031 inch)** If necessary, replace the **clutch disc** runout.

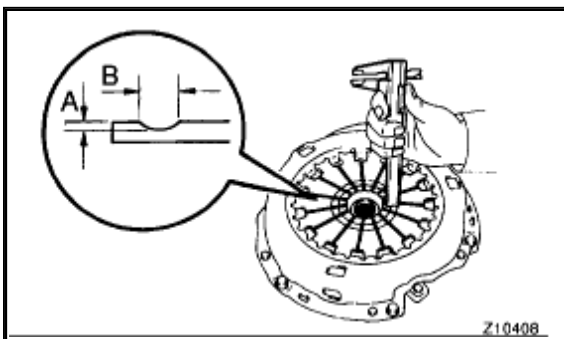




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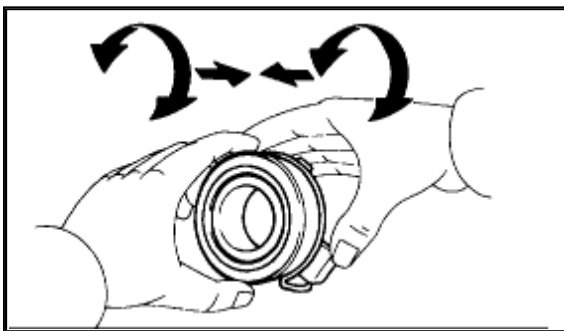
3. INSPECT **FLYWHEEL** RUNOUT Using a dial indicator, check the **flywheel** runout. Maximum runout:**0.1 mm (0.004 inch)** If necessary, replace the **flywheel**. Torque: **49 Nm (500 kgf-cm, 36 ft. lbs.)**



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4. INSPECT DIAPHRAGM SPRING FOR WEAR Using vernier calipers, measure the diaphragm spring for depth and width of wear. Maximum: A (Depth): **0.5 mm (0.020 inch)** B (Width): **6.0 mm (0.236 inch)** If necessary, replace the clutch cover.



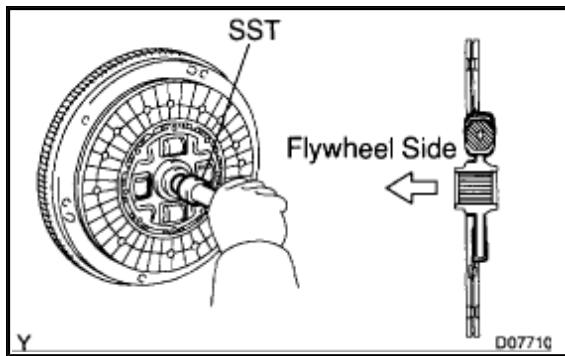
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5. INSPECT RELEASE BEARING Turn the bearing by hand while applying force in the axial direction. **HINT:** The bearing is permanently lubricated and requires no cleaning or lubrication. If necessary, replace the release bearing.

INSTALLATION

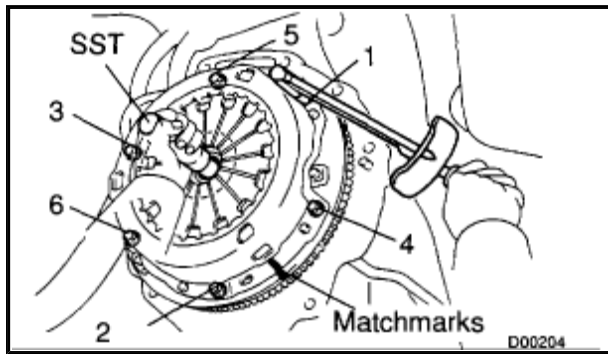
1. INSTALL **CLUTCH DISC** AND CLUTCH COVER ON **FLYWHEEL**



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- a) Insert SST in the [clutch disc](#), then insert them in the [flywheel](#).
SST 09301-00210

HINT: Take care not to insert [clutch disc](#) in the wrong direction.



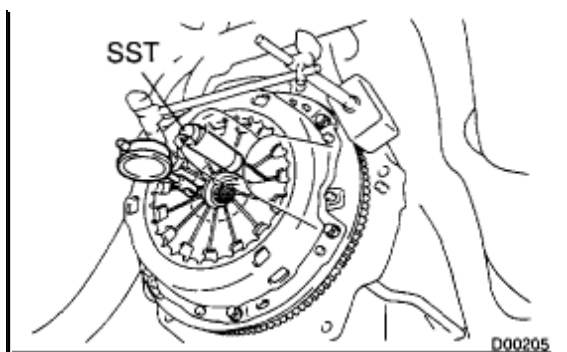
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- b) Align the matchmarks on the clutch cover and [flywheel](#).
- c) Following the procedures shown in the illustration, tighten the 6 bolts in the order starting the bolt locating near the knock pin on the top.
Torque: **19 Nm (195 kgf-cm, 14 ft. lbs.)**

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.

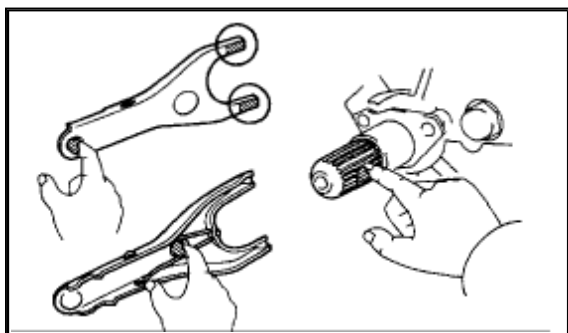




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2. **CHECK DIAPHRAGM SPRING TIP ALIGNMENT** Using a dial indicator with roller instrument, check the diaphragm spring tip alignment. Maximum non-alignment: 0.5 mm (0.020 inch) If alignment is not as specified, using SST, adjust the diaphragm spring tip alignment. SST 09333-00013
3. **INSTALL BOOT AND RELEASE FORK SUPPORT TO TRANSAXLE** Torque: 37 Nm (375 kgf-cm, 27 ft. lbs.)



ZOOM

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4. **APPLY RELEASE HUB GREASE** Apply release hub grease to the release fork and hub contact, release fork and push rod contact and release fork pivot points. Sealant: Part No. 08887-01806, RELEASE HUB GREASE or equivalent
5. **APPLY CLUTCH SPRING GREASE** Apply **clutch** spline grease to the **input shaft** spline. Sealant: Part No. 08887-01706, **CLUTCH** SPLINE GREASE or equivalent
6. **INSTALL RELEASE BEARING AND FORK TO TRANSAXLE** Install the bearing to the release fork, and then install them to the transaxle.
7. **INSTALL TRANSAXLE TO ENGINE**