

2. Clutch Disc and Cover

A: REMOVAL

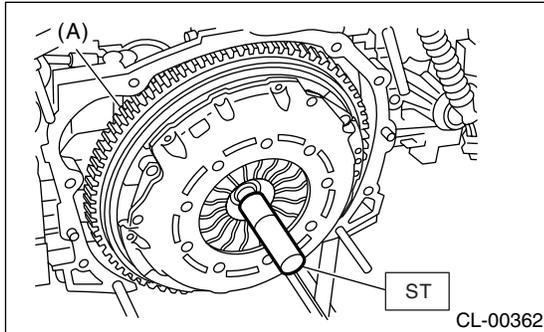
NOTE:

The illustration below is for Turbo model. However, perform the same procedure for Non-turbo model.

1) Remove the transmission assembly from vehicle. <Ref. to 5MT-25, REMOVAL, Manual Transmission Assembly.>

2) Insert the ST on flywheel.

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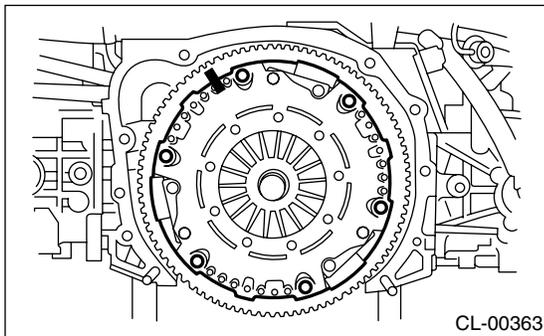


(A) Dual mass flywheel

3) Remove the clutch cover and clutch disc.

NOTE:

- Take care not to allow oil on the clutch disc surface.
- Do not disassemble the clutch cover or clutch disc.
- Be sure to mark alignment marks on the flywheel and clutch cover before removing clutch cover.



B: INSTALLATION

NOTE:

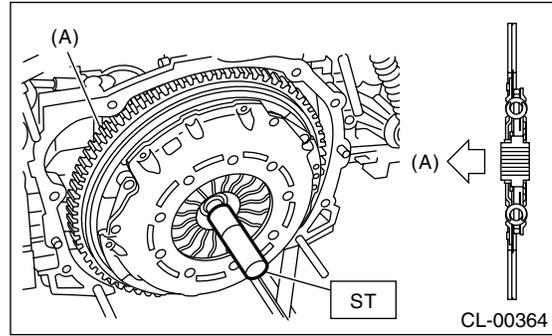
The illustration below is for Turbo model. However, perform the same procedure for Non-turbo model.

1) Insert the ST into clutch disc and install on the flywheel by inserting the ST end into pilot bearing.

NOTE:

When installing the clutch disc, be careful of its direction.

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(A) Flywheel side

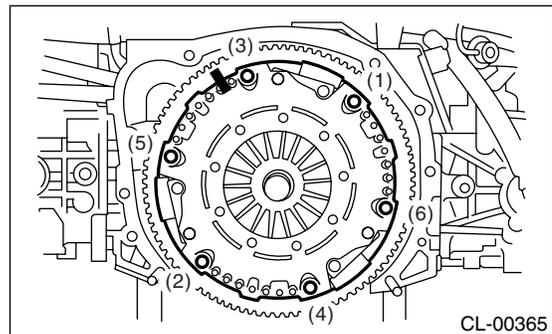
2) Place the clutch cover on flywheel and tighten the bolts to specified torque.

NOTE:

- When reinstalling, align the alignment marks.
- When installing a new clutch cover and flywheel, position the clutch cover in order to make the gap between "0" marks of flywheel and clutch cover 120° or more.
- Note the front and rear of the clutch disc when installing.
- Tighten the clutch cover installing bolts gradually. Each bolt should be tightened to the specified torque in a crisscross order.

Tightening torque:

16 N·m (1.6 kgf-m, 11.8 ft-lb)



3) Remove the ST.

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4) Install the transmission assembly. <Ref. to 5MT-27, INSTALLATION, Manual Transmission Assembly.>

C: INSPECTION

NOTE:

The illustration below is for Non-turbo model. However, perform the same procedure for Turbo model.

Clutch Disc and Cover

CLUTCH SYSTEM

1. CLUTCH DISC

1) Facing wear:

Measure the depth from the surface of facing to rivet head. Replace if the facings are worn locally or worn down to less than the specified value.

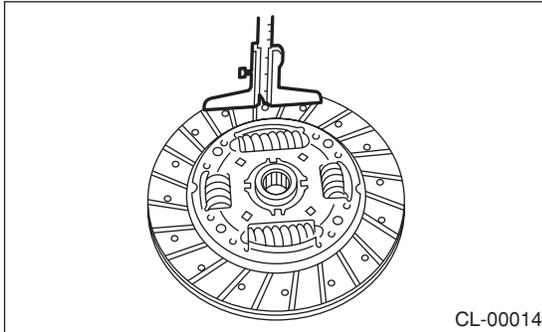
Depth of rivet head:

Limit of sinking

0.3 mm (0.012 in)

NOTE:

Do not wash the clutch disc with any cleaning fluid.

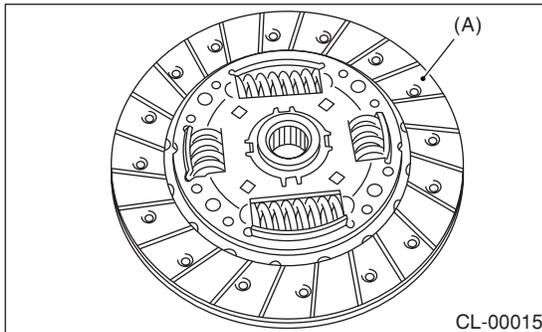


2) Hardened facing:

Replace the clutch disc.

3) Oil leakage on facing:

Replace the clutch disc and inspect the transmission front oil seal, transmission case mating surface, engine rear oil seal and other points for oil leakage.



(A) Clutch facing

4) Deflection on facing:

If deflection exceeds the specified value at the outer circumference of facing, replace the clutch disc.

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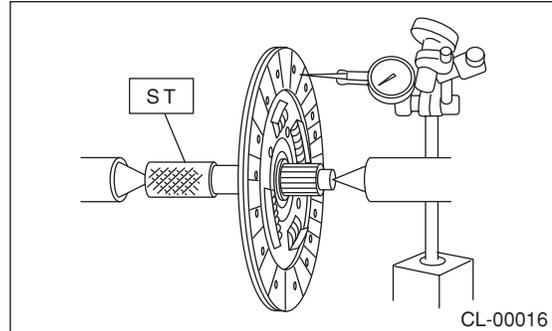
Limit for deflection:

Turbo model

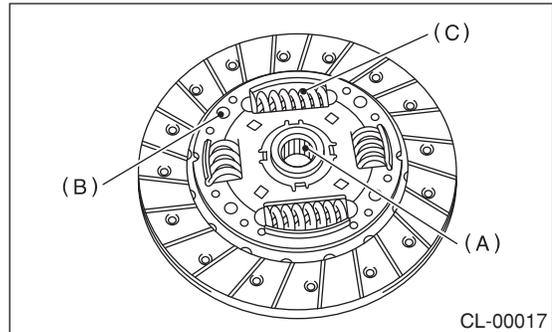
1.0 mm (0.039 in) at R = 110 mm (4.33 in)

Non-turbo model

0.7 mm (0.027 in) at R = 110 mm (4.33 in)



5) If the spline wears, rivets loosen and damper spring is failure, replace the clutch disc.



(A) Spline

(B) Rivet

(C) Damper spring

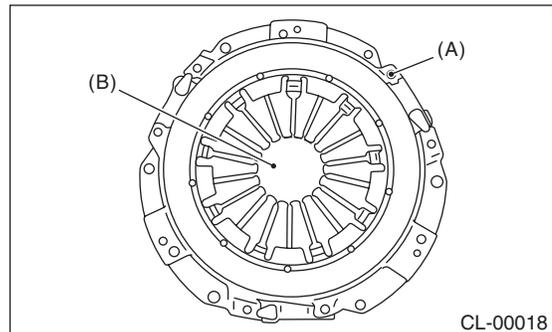
2. CLUTCH COVER

NOTE:

Visually check the following items without disassembling, and replace or repair if defective.

1) Loose thrust rivet

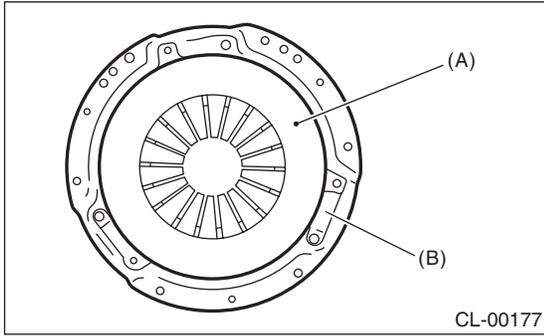
2) Damaged or worn bearing contact area at the center of diaphragm spring



(A) Thrust rivet

(B) Diaphragm spring

- 3) Damaged or worn disc contact surface of pressure plate
- 4) Loose strap plate installation area
- 5) Worn diaphragm sliding area



- (A) Pressure plate
- (B) Strap plate