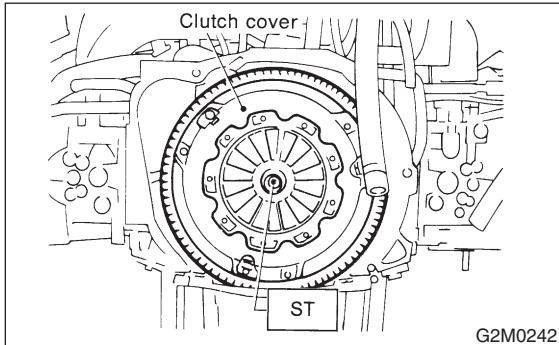


2. Clutch Disc and Cover S504252A2

A: REMOVAL S504252A18

1) Install ST on flywheel.

ST 498497100 CRANKSHAFT STOPPER

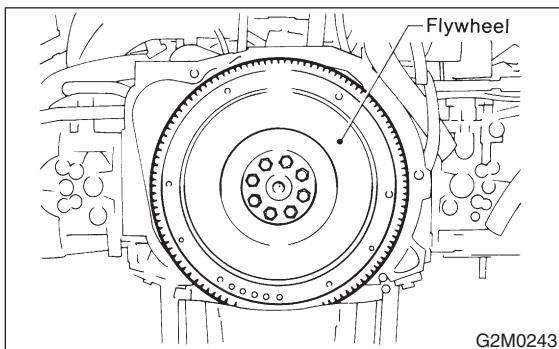


2) Remove clutch cover and clutch disc.

CAUTION:

- Take care not to allow oil on the clutch disc facing.
- Do not disassemble either clutch cover or clutch disc.

3) Remove flywheel.



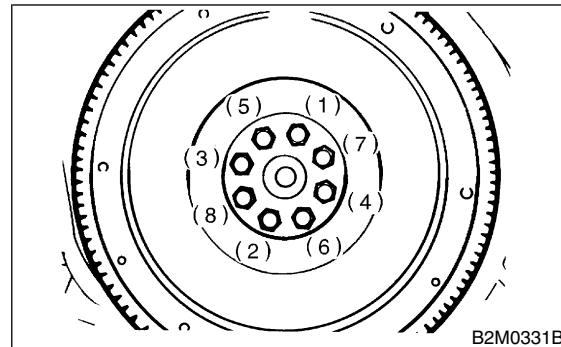
2) Tighten the flywheel attaching bolts to the specified torque.

NOTE:

Tighten flywheel installing bolts gradually. Each bolt should be tightened to the specified torque in a crisscross fashion.

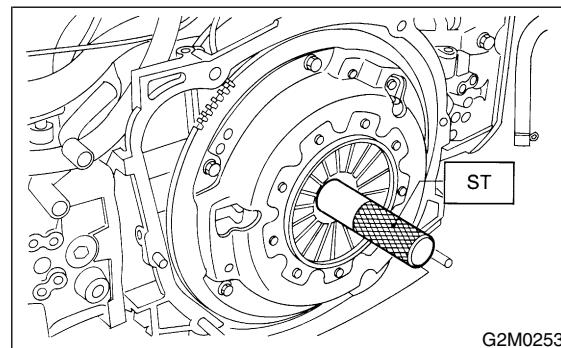
Tightening torque:

72 N·m (7.3 kgf·m, 52.8 ft-lb)



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

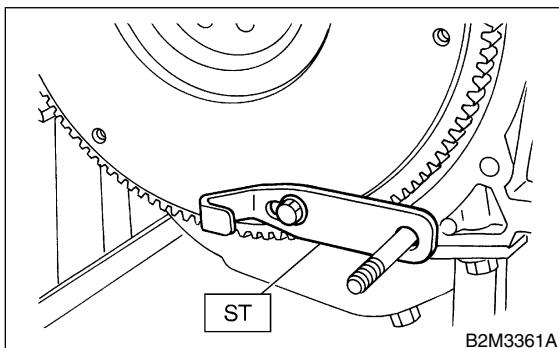
ST 499747100 CLUTCH DISC GUIDE



B: INSTALLATION S504252A11

1) Install flywheel and ST.

ST 498497100 CRANKSHAFT STOPPER



CLUTCH DISC AND COVER

Clutch System

4) Install clutch cover on flywheel and tighten bolts to the specified torque.

NOTE:

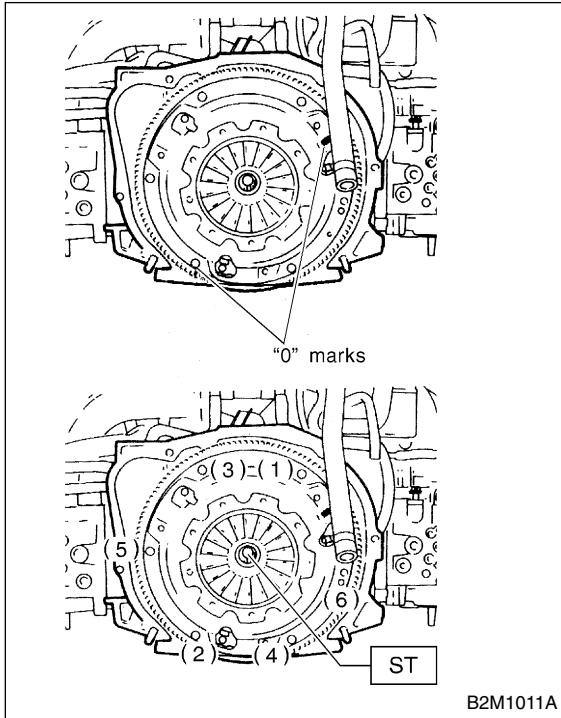
- When installing the clutch cover on the flywheel, position the clutch cover so that there is a gap of 120° or more between "0" marks on the flywheel and clutch cover. ("0" marks indicate the directions of residual unbalance.)
- Note the front and rear of the clutch disc when installing.
- Tighten clutch cover installing bolts gradually. Each bolt should be tightened to the specified torque in a crisscross fashion.

Tightening torque:

15.7 N·m (1.6 kgf-m, 11.6 ft-lb)

5) Remove ST.

ST 499747100 CLUTCH DISC GUIDE



C: INSPECTION

S504252A10

1. CLUTCH DISC

S504252A1001

1) Facing wear

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

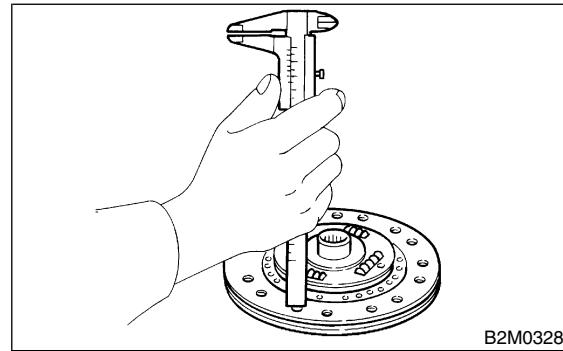
CAUTION:

Do not wash clutch disc with any cleaning fluid.

Depth of rivet head:

Limit of sinking

0.3 mm (0.012 in)

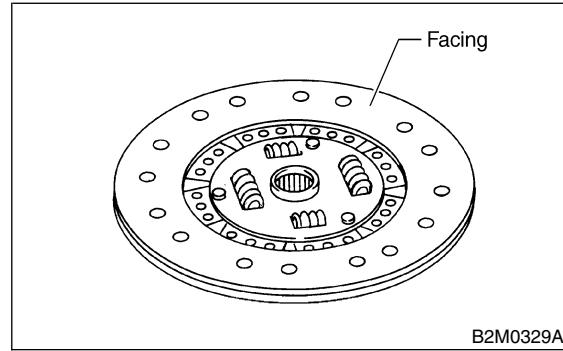


2) Hardened facing

Correct by using emery paper or replace.

3) Oil soakage on facing

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



CLUTCH DISC AND COVER

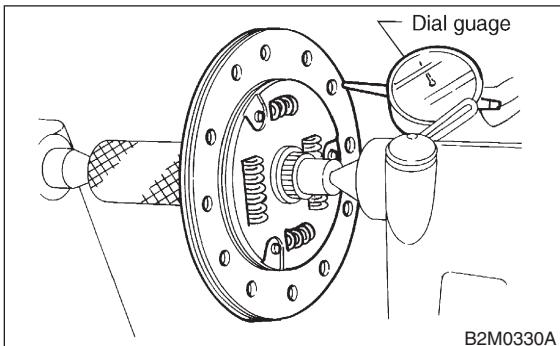
Clutch System

4) Deflection on facing

If deflection exceeds the specified value at the outer circumference of facing, repair or replace.

Limit for runout:

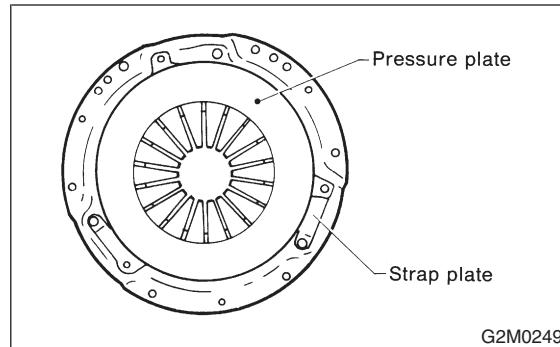
1.0 mm (0.039 in) at $R = 107 \text{ mm (4.21 in)}$



3) Damaged or worn disc contact surface of pressure plate.

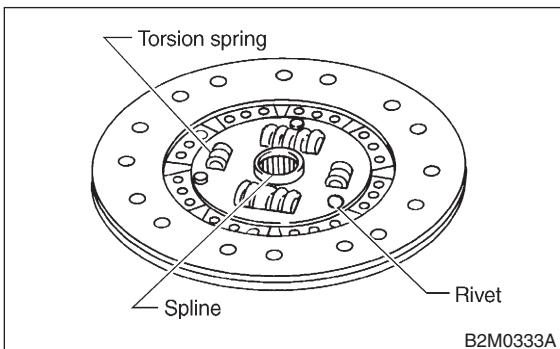
4) Loose strap plate setting bolt.

5) Worn diaphragm sliding surface.



5) Worn spline, loose rivets and torsion spring failure

Replace defective parts.



2. CLUTCH COVER S504252A1002

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

1) Loose thrust rivet.

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

