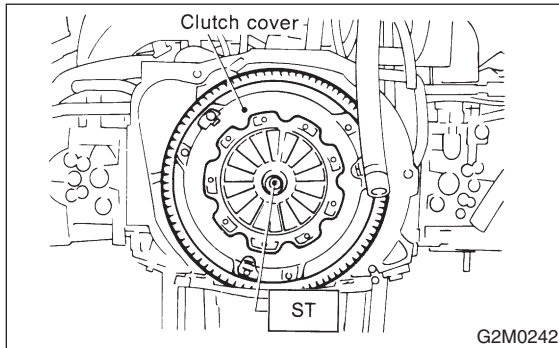


## 2. Clutch Disc and Cover S504252

### A: REMOVAL S504252A18

- 1) Install ST on flywheel.  
ST 498497100 CRANKSHAFT STOPPER

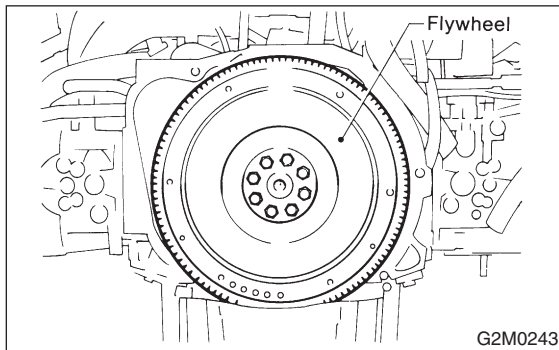


- 2) Remove clutch cover and clutch disc.

#### CAUTION:

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

- 3) Remove flywheel.



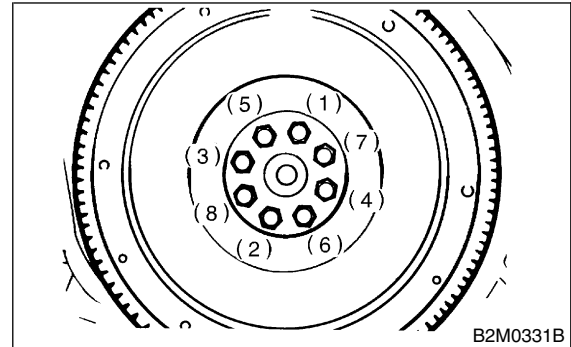
- 2) Tighten the flywheel attaching bolts to the specified torque.

#### NOTE:

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

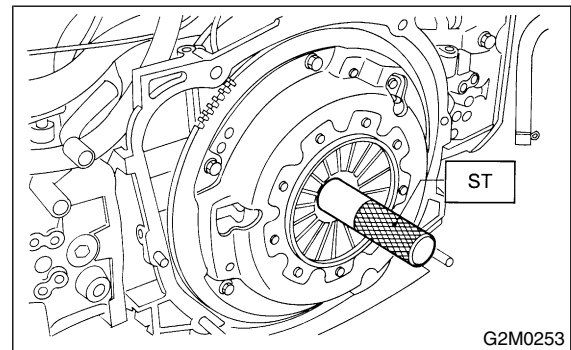
#### Tightening torque:

72 N·m (7.3 kgf-m, 52.8 ft-lb)



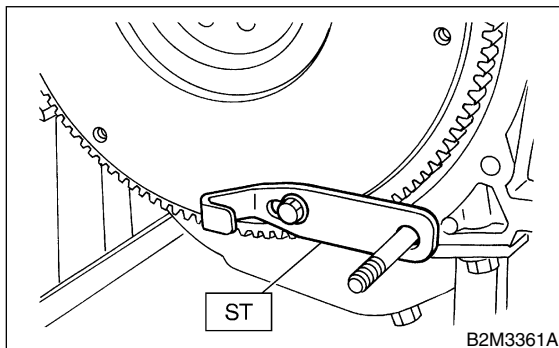
- 3) Insert ST into the clutch disc and install them on the flywheel by inserting the ST end into the pilot bearing.

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:

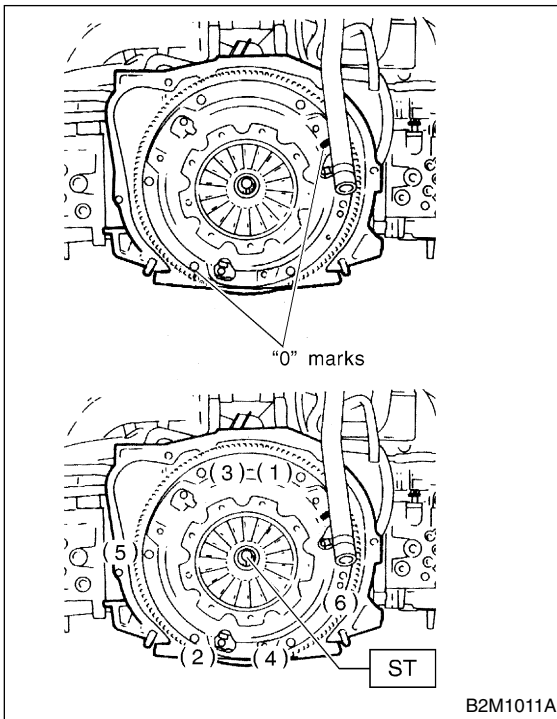
- When installing the clutch cover on the flywheel, position the clutch cover so that there is a gap of 120° or more between "0" marks on the flywheel and clutch cover. ("0" marks indicate the directions of residual unbalance.)
- Note the front and rear of the clutch disc when installing.
- Tighten clutch 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.

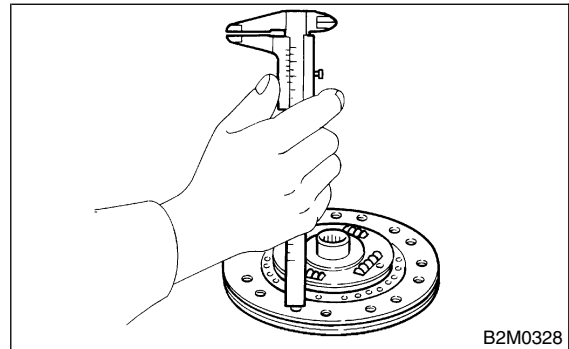
#### CAUTION:

**Do not wash clutch disc with any cleaning fluid.**

#### Depth of rivet head:

##### Limit of sinking

**0.3 mm (0.012 in)**

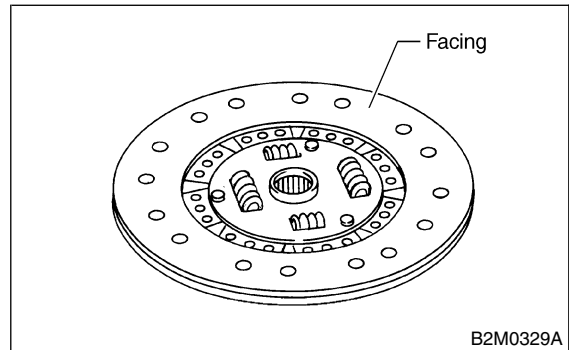


#### 2) Hardened facing

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.

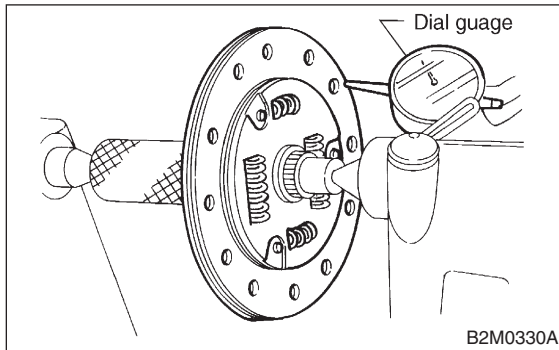


## 4) Deflection on facing

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

### Limit for runout:

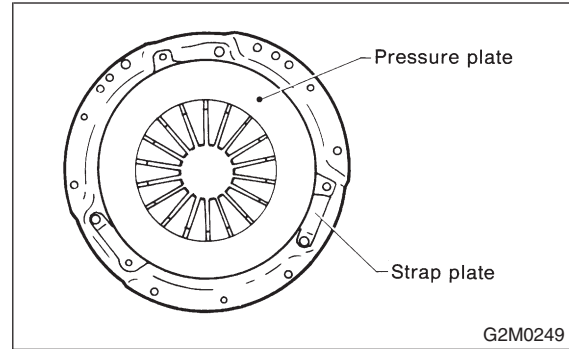
**1.0 mm (0.039 in) at R = 107 mm (4.21 in)**



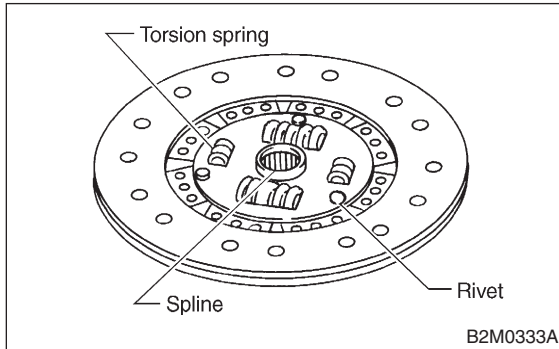
## 3) Damaged or worn disc contact surface of pressure plate.

## 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.

