

3. Flywheel

A: REMOVAL

1. 5MT TURBO MODEL

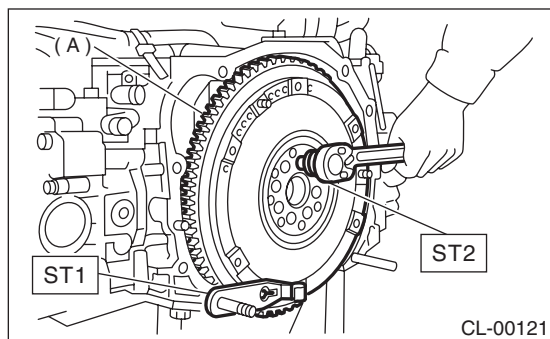
1) Remove the transmission assembly. <Ref. to 5MT-24, REMOVAL, Manual Transmission Assembly.>

2) Remove the clutch cover and clutch disc. <Ref. to CL-13, REMOVAL, Clutch Disc and Cover.>

3) Using ST1 and ST2, remove the flywheel.

ST1 498497100 CRANKSHAFT STOPPER

ST2 499057000 TORX® PLUS



(A) Flywheel

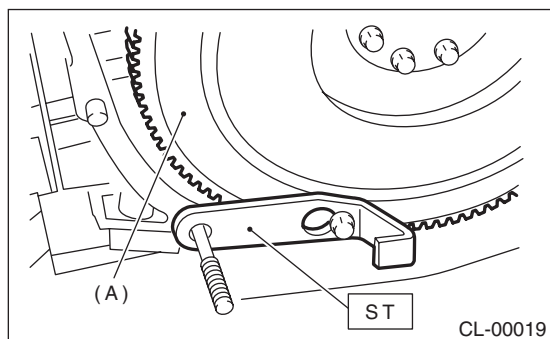
2. EXCEPT FOR 5MT TURBO MODEL

1) Remove the transmission assembly. <Ref. to 5MT-24, REMOVAL, Manual Transmission Assembly.> <Ref. to 6MT-33, REMOVAL, Manual Transmission Assembly.>

2) Remove the clutch cover and clutch disc. <Ref. to CL-13, REMOVAL, Clutch Disc and Cover.>

3) Using the ST, remove the flywheel.

ST 498497100 CRANKSHAFT STOPPER



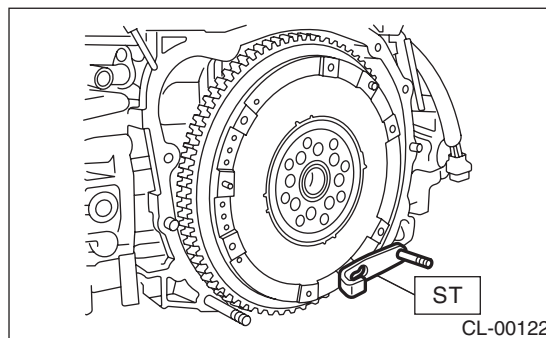
(A) Flywheel

B: INSTALLATION

1. 5MT TURBO MODEL

1) Install the flywheel and ST.

ST 498497100 CRANKSHAFT STOPPER

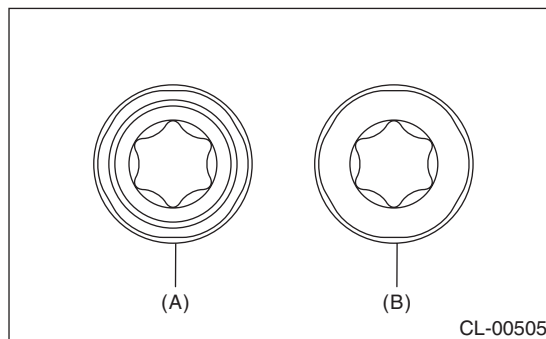


2) Tighten the flywheel mounting bolts to the specified torque.

ST 499057000 TORX® PLUS

CAUTION:

The bolts without identification groove as shown in the figure must be used as flywheel attaching bolts for 5MT turbo model.



(A) Bolt with identification groove

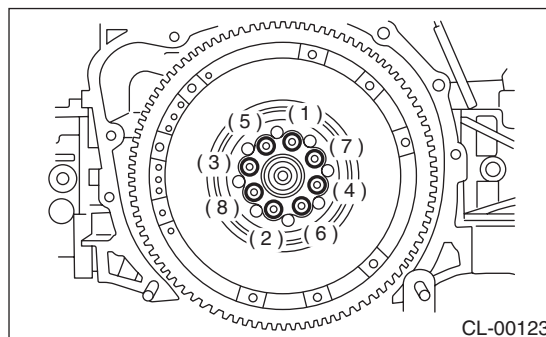
(B) Bolt without identification groove

NOTE:

Tighten the flywheel attachment bolts gradually. Each bolt should be tightened to the specified torque in crisscross order.

Tightening torque:

72 N·m (7.3 kgf-m, 52.8 ft-lb)



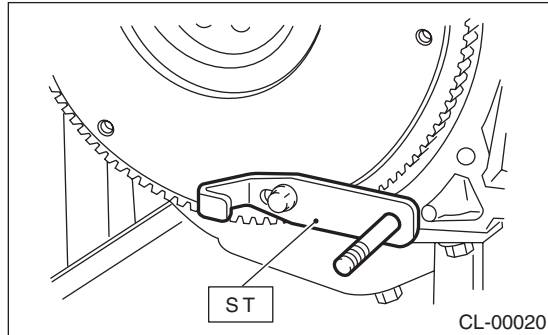
3) Install the clutch disc and cover. <Ref. to CL-13, INSTALLATION, Clutch Disc and Cover.>

4) Install the transmission assembly. <Ref. to 5MT-26, INSTALLATION, Manual Transmission Assembly.>

2. EXCEPT FOR 5MT TURBO MODEL

1) Install the flywheel and ST.

ST 499747100 CRANKSHAFT STOPPER



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

NOTE:

Tighten the flywheel attachment bolts gradually. Each bolt should be tightened to the specified torque in crisscross order.

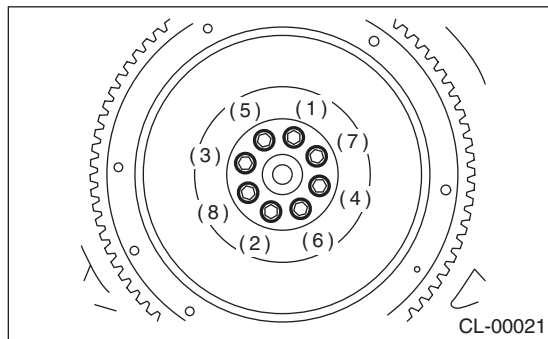
Tightening torque:

5MT model

72 N·m (7.3 kgf-m, 52.8 ft-lb)

6MT model

81 N·m (8.2 kgf-m, 59.4 ft-lb)



3) Install the clutch disc and cover. <Ref. to CL-13, INSTALLATION, Clutch Disc and Cover.>

4) Install the transmission assembly. <Ref. to 5MT-26, INSTALLATION, Manual Transmission Assembly.> <Ref. to 6MT-35, INSTALLATION, Manual Transmission Assembly.>

C: INSPECTION

NOTE:

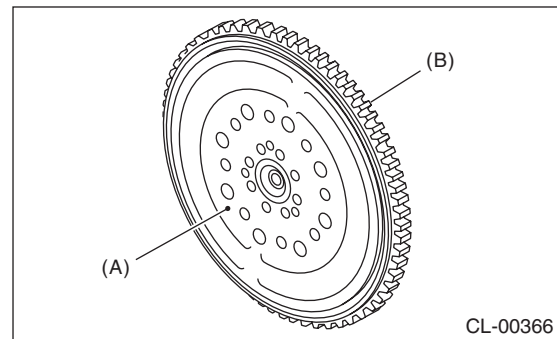
The illustration below is for a Turbo model. However, perform the same procedures for the Non-turbo model.

CAUTION:

Since this bearing is grease-sealed and is a non-lubrication type, do not wash with gasoline or any solvents.

1) Damage on sliding surface of facing and the ring gear

If defective, replace the flywheel.



(A) Flywheel

(B) Ring gear

2) Smoothness of rotation

Rotate the ball bearing while applying pressure in the thrust direction.

3) If noise or excessive play is noted, replace the flywheel.