

Transmission Mounting System

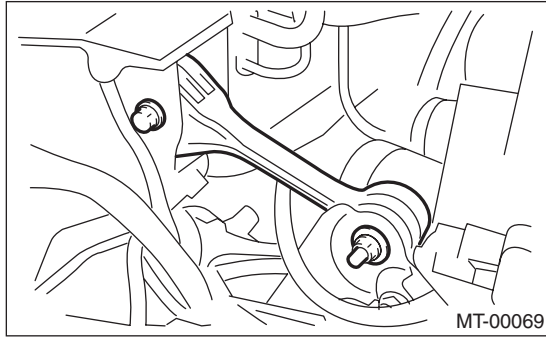
MANUAL TRANSMISSION AND DIFFERENTIAL

4. Transmission Mounting System

A: REMOVAL

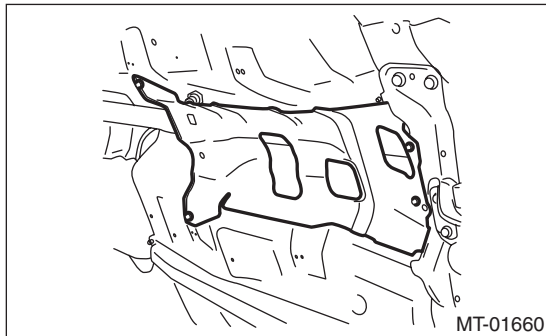
1. PITCHING STOPPER

- 1) Disconnect the ground cable from battery.
- 2) Remove the intercooler. <Ref. to IN(w/o STI)-12, REMOVAL, Intercooler.>
- 3) Remove the pitching stopper.



2. CROSSMEMBER AND CUSHION RUBBER

- 1) Disconnect the ground cable from battery.
- 2) Lift up the vehicle.
- 3) Remove the center exhaust pipe. <Ref. to EX(w/o STI)-2, General Description.>
- 4) Remove the rear exhaust pipe and muffler. <Ref. to EX(w/o STI)-2, General Description.>
- 5) Remove the heat shield cover.

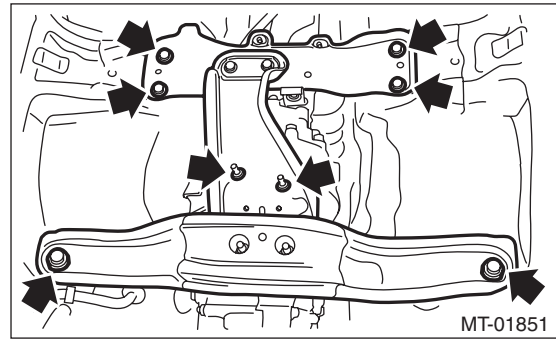


- 6) Set the transmission jack under the transmission case.

CAUTION:

Always support the transmission case with a transmission jack.

- 7) Remove the front crossmember and the rear crossmember.



- 8) Remove the transmission cushion rubber.

B: INSTALLATION

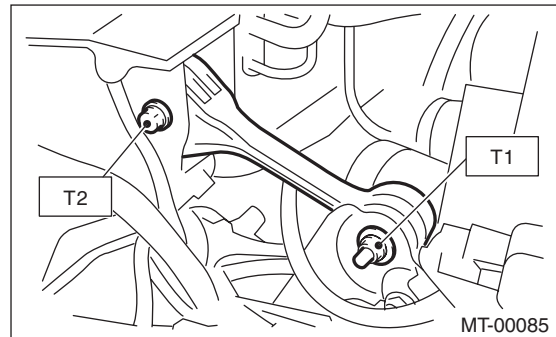
1. PITCHING STOPPER

- 1) Install the pitching stopper.

Tightening torque:

T1: 50 N·m (5.1 kgf-m, 36.9 ft-lb)

T2: 58 N·m (5.9 kgf-m, 42.8 ft-lb)



- 2) Install the intercooler. <Ref. to IN(w/o STI)-12, INSTALLATION, Intercooler.>
- 3) Connect the battery ground terminal.

Transmission Mounting System

MANUAL TRANSMISSION AND DIFFERENTIAL

2. CROSSMEMBER AND CUSHION RUBBER

- 1) Install the transmission cushion rubber to the transmission, and tighten the bolt (A).
- 2) Install the transmission cushion rubber to the center crossmember, and tighten the nut (B).

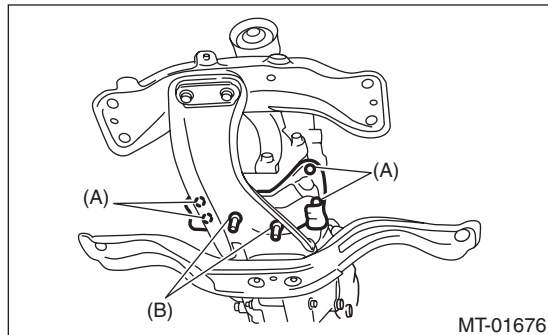
Tightening torque:

Bolt (A)

35 N·m (3.6 kgf-m, 25.8 ft-lb)

Nut (B)

35 N·m (3.6 kgf-m, 25.8 ft-lb)

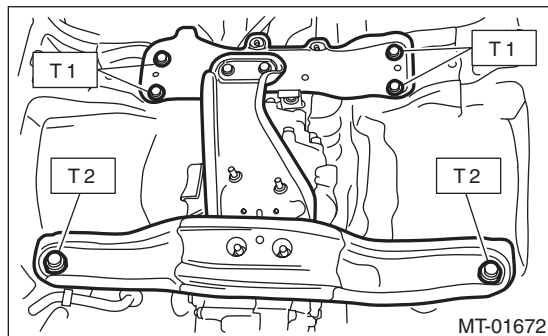


- 3) Install the front crossmember and rear crossmember.

Tightening torque:

T1: 70 N·m (7.1 kgf-m, 51.6 ft-lb)

T2: 140 N·m (14.3 kgf-m, 103.3 ft-lb)



- 4) Remove the transmission jack.
- 5) Install the heat shield cover. <Ref. to EI-74, INSTALLATION, Heat Shield Cover.>
- 6) Install the center exhaust pipe. <Ref. to EX(w/o STI)-2, General Description.>
- 7) Install the rear exhaust pipe and muffler. <Ref. to EX(w/o STI)-2, General Description.>
- 8) Lower the vehicle.
- 9) Connect the battery ground terminal.

C: INSPECTION

Check the following; repair or replace the faulty parts.

1. PITCHING STOPPER

Check the pitching stopper for bends or damage. Check that the rubber is not stiff, cracked or otherwise damaged.

2. CROSSMEMBER AND CUSHION RUBBER

Check the crossmember for bending or damage. Check that the cushion rubber does not have hardening, cracks or other damages.