

Transmission Mounting System

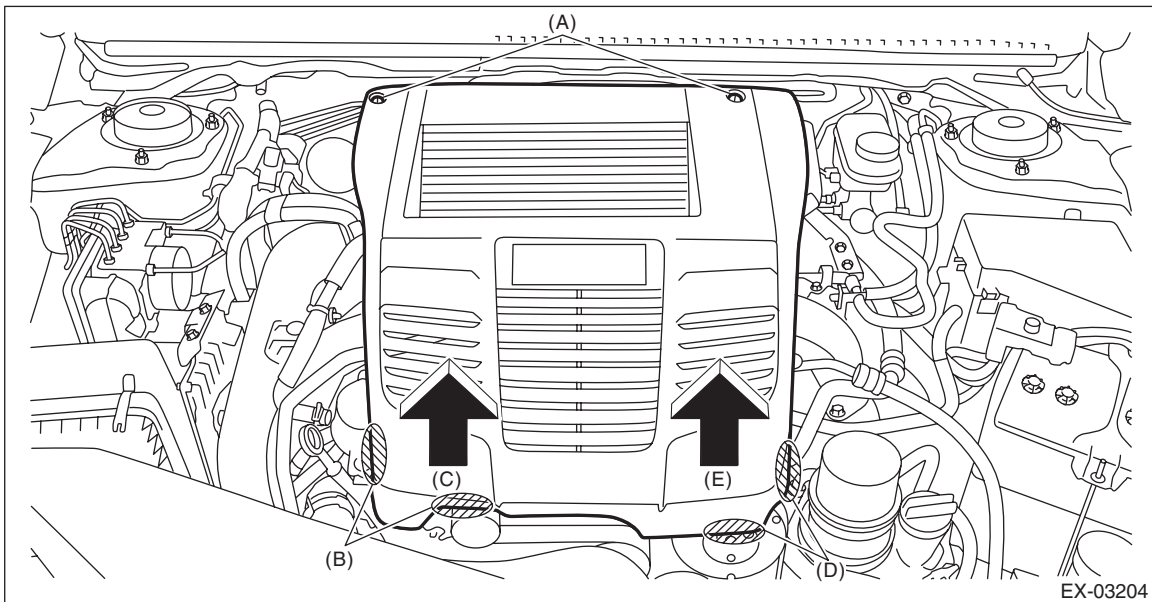
MANUAL TRANSMISSION AND DIFFERENTIAL

4. Transmission Mounting System

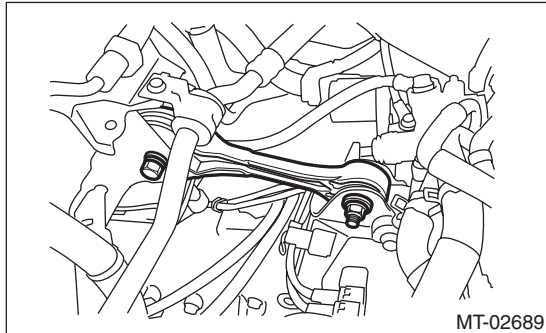
A: REMOVAL

1. PITCHING STOPPER

- 1) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>
- 2) Remove the collector cover.
 - (1) Remove the clips (A).
 - (2) Hold the shaded area (B) by hand and carefully pull the RH side (C) upward.
 - (3) Hold the shaded area (D) by hand and carefully pull the LH side (E) upward.



- 3) Remove the intercooler. <Ref. to IN(w/o STI)-38, REMOVAL, Intercooler.>
- 4) Remove the pitching stopper.

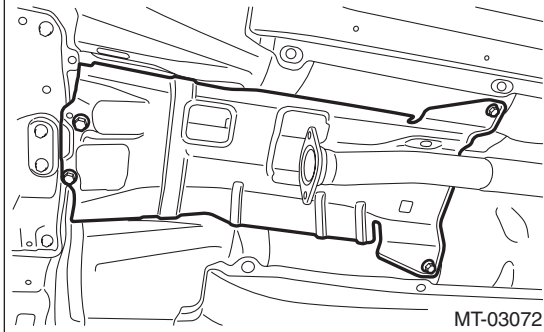


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2. CROSSMEMBER AND CUSHION RUBBER

- 1) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>
- 2) Lift up the vehicle.
- 3) Remove the center exhaust pipe (rear). <Ref. to EX(w/o STI)-35, REMOVAL, Center Exhaust Pipe.>
- 4) Remove the center exhaust cover.

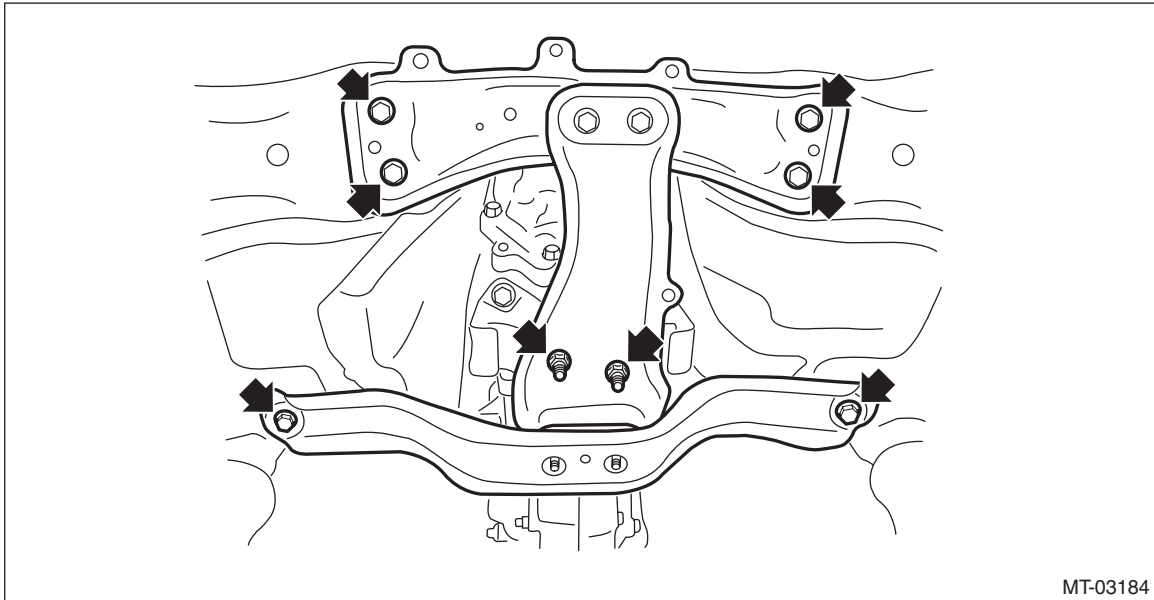


- 5) Set the transmission jack under the transmission case.

CAUTION:

Always support the transmission case with a transmission jack.

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



- 7) Remove the transmission cushion rubber.

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B: INSTALLATION

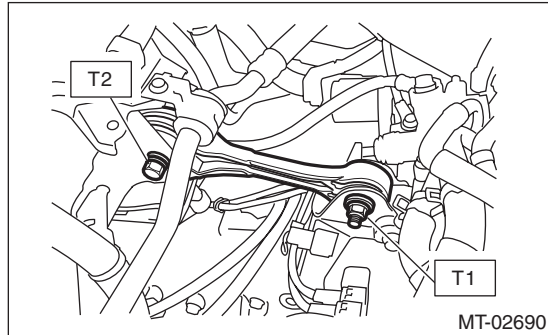
1. PITCHING STOPPER

- 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)-41, INSTALLATION, Intercooler.>
- 3) Install the collector cover.
- 4) Connect the battery ground terminal. <Ref. to NT-5, BATTERY, NOTE, Note.>

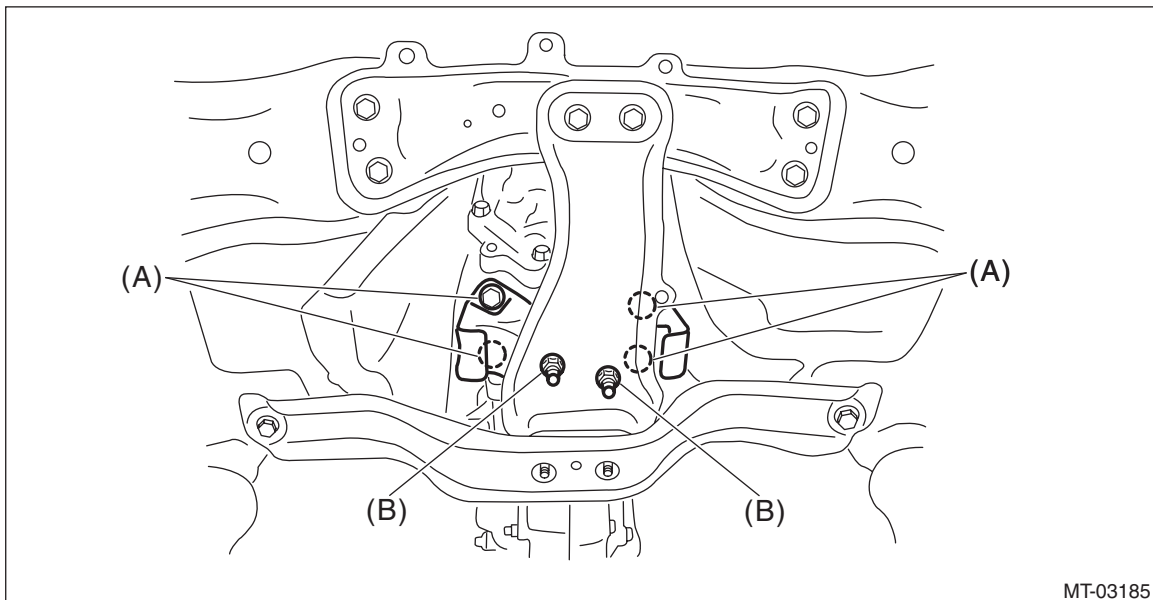
2. CROSSMEMBER AND CUSHION RUBBER

- 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 temporarily tighten the nut (B).

Tightening torque:

Bolt (A)

35 N·m (3.6 kgf-m, 25.8 ft-lb)



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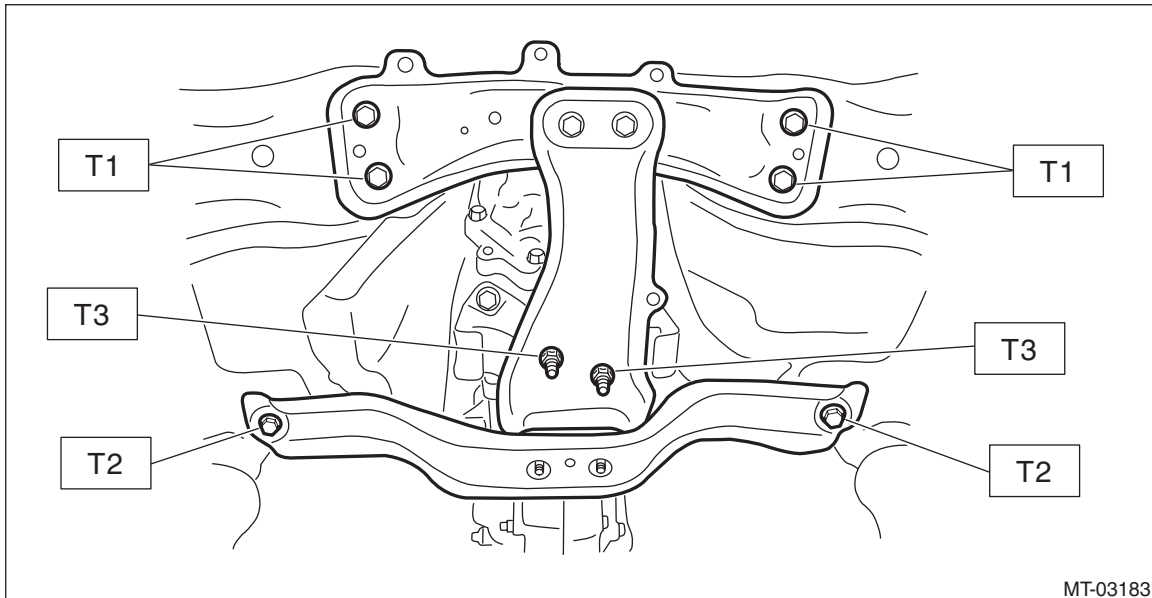
- 3) Tighten the mounting bolts for front crossmember and rear crossmember.
- 4) Tighten the transmission cushion rubber mounting nut.

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)

T3: 35 N·m (3.6 kgf-m, 25.8 ft-lb)



- 5) Remove the transmission jack.
- 6) Install the center exhaust cover.

Tightening torque:

18 N·m (1.8 kgf-m, 13.3 ft-lb)

- 7) Install the center exhaust pipe (rear). <Ref. to EX(w/o STI)-41, INSTALLATION, Center Exhaust Pipe.>
- 8) Lower the vehicle.
- 9) Connect the battery ground terminal. <Ref. to NT-5, BATTERY, NOTE, Note.>

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 bends or damage. Check that the cushion rubber is not stiff, cracked or otherwise damaged.