

# TRANSMISSION MOUNTING SYSTEM

Manual Transmission and Differential

## 4. Transmission Mounting System

S503233

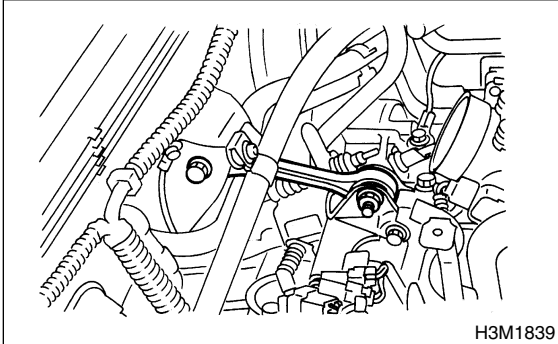
### A: REMOVAL

S503233A18

#### 1. PITCHING STOPPER

S503233A1801

- 1) Disconnect battery ground terminal.
- 2) Remove the air intake duct <Ref. to IN-5 REMOVAL, Air Intake Duct.> and air cleaner case. <Ref. to IN-4 REMOVAL, Air Cleaner Case.>
- 3) Remove the pitching stopper.



#### 2. CROSSMEMBER AND CUSHION RUBBER

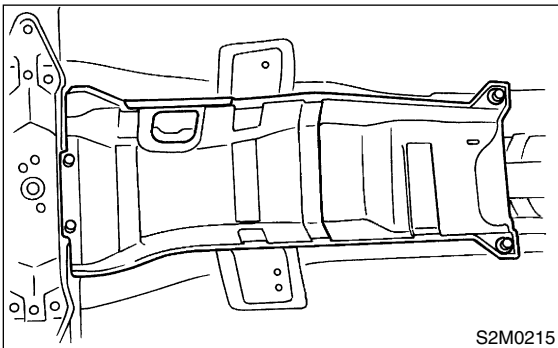
S503233A1802

- 1) Disconnect battery ground terminal.
- 2) Jack-up vehicle and support it with sturdy racks.
- 3) Remove the center exhaust pipe <Ref. to EX-9 REMOVAL, Center Exhaust Pipe.>, rear exhaust pipe <Ref. to EX-10 REMOVAL, Rear Exhaust Pipe.> and muffler. <Ref. to EX-12 REMOVAL, Muffler.>

#### CAUTION:

**When removing exhaust pipes, be careful each exhaust pipe does not drop out.**

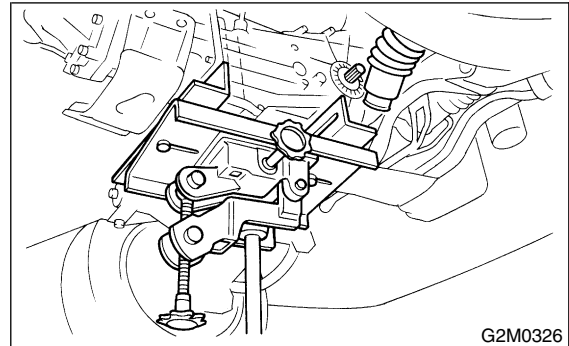
- 4) Remove the heat shield cover.



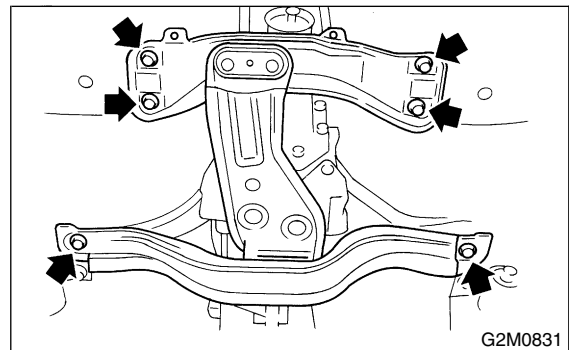
- 5) Set the transmission jack under the transmission.

#### CAUTION:

**Always support transmission case with a transmission jack.**



- 6) Remove the rear crossmember.



- 7) Remove the rear cushion rubber.

### B: INSTALLATION

S503233A11

#### 1. PITCHING STOPPER

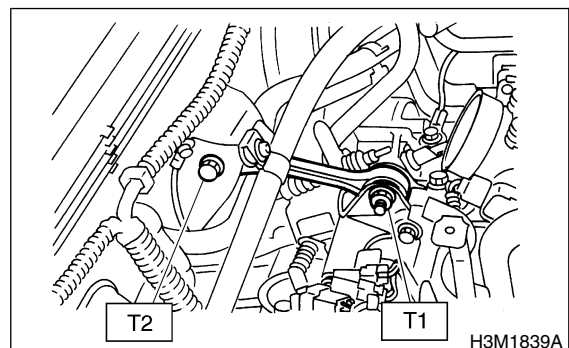
S503233A1101

- 1) Install the pitching stopper.

#### Tightening torque:

**T1: 49 N·m (5.0 kgf-m, 36.2 ft-lb)**

**T2: 57 N·m (5.8 kgf-m, 42 ft-lb)**



- 2) Install the air intake duct <Ref. to IN-5 INSTALLATION, Air Intake Duct.> and air cleaner case. <Ref. to IN-4 INSTALLATION, Air Cleaner Case.>

## 2. CROSSMEMBER AND CUSHION RUBBER

S503233A1102

1) Install the rear cushion rubber.

**Tightening torque:**

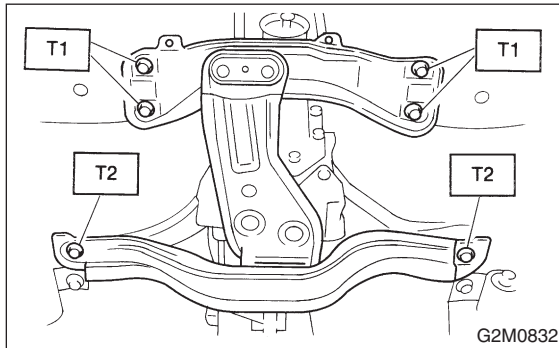
**34 N·m (3.5 kgf-m, 25.3 ft-lb)**

2) Install the crossmember.

**Tightening torque:**

**T1: 69 N·m (7.0 kgf-m, 51 ft-lb)**

**T2: 137 N·m (14 kgf-m, 101 ft-lb)**



3) Remove the transmission jack.

4) Install the heat shield cover.

5) Install the center exhaust pipe <Ref. to EX-9 INSTALLATION, Center Exhaust Pipe.>, rear exhaust pipe <Ref. to EX-10 INSTALLATION, Rear Exhaust Pipe.> and the muffler. <Ref. to EX-12 INSTALLATION, Muffler.>

## C: INSPECTION

S503233A10

Repair or replace parts if the results of the inspection below are not satisfactory.

### 1. PITCHING STOPPER

S503233A1001

Make sure that the pitching stopper is not bent or damaged. Make sure that the rubber is not stiff, cracked, or otherwise damaged.

### 2. CROSSMEMBER AND CUSHION RUBBER

S503233A1002

Make sure that the crossmember is not bent or damaged. Make sure that the cushion rubber is not stiff, cracked, or otherwise damaged.