
POWER PLANT MOUNT

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E32AA--

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SPECIFICATIONS

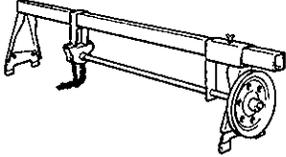
E32CB--

SERVICE SPECIFICATIONS

| Items | Specifications |
|---|----------------|
| Amount of protrusion of stabilizer bar installation bolt mm (in.) | 22 (0.9) |

SPECIAL TOOL

E32DA--

| Tool | Number | Name | Use |
|---|-------------------------------------|----------------------------|---|
|  | GENERAL SERVICE TOOL MZ203827 | Mechanic hanger, engine | To support the engine assembly during re- moval and installation of the centermember |

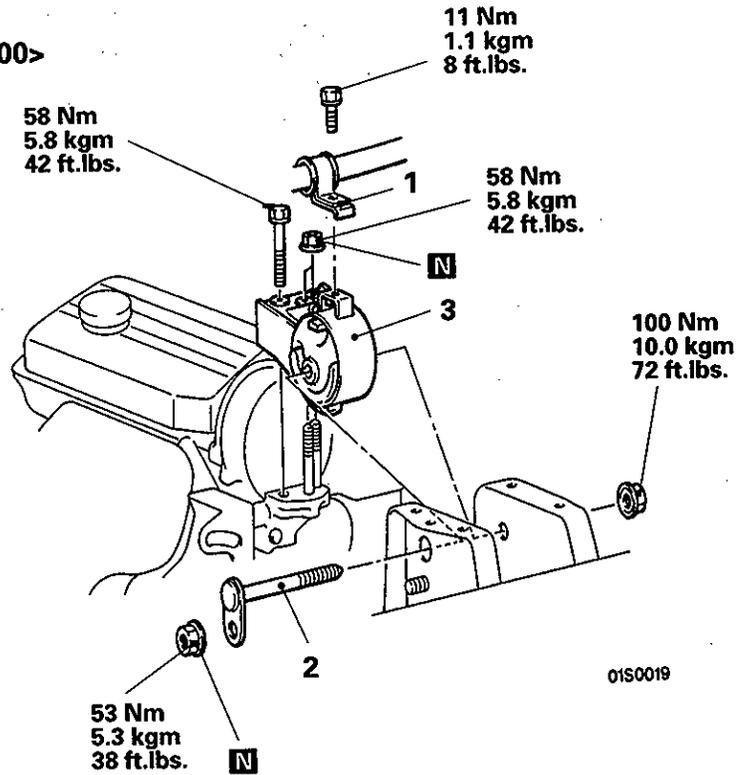
ENGINE MOUNTING

REMOVAL AND INSTALLATION

Pre-removal Operation

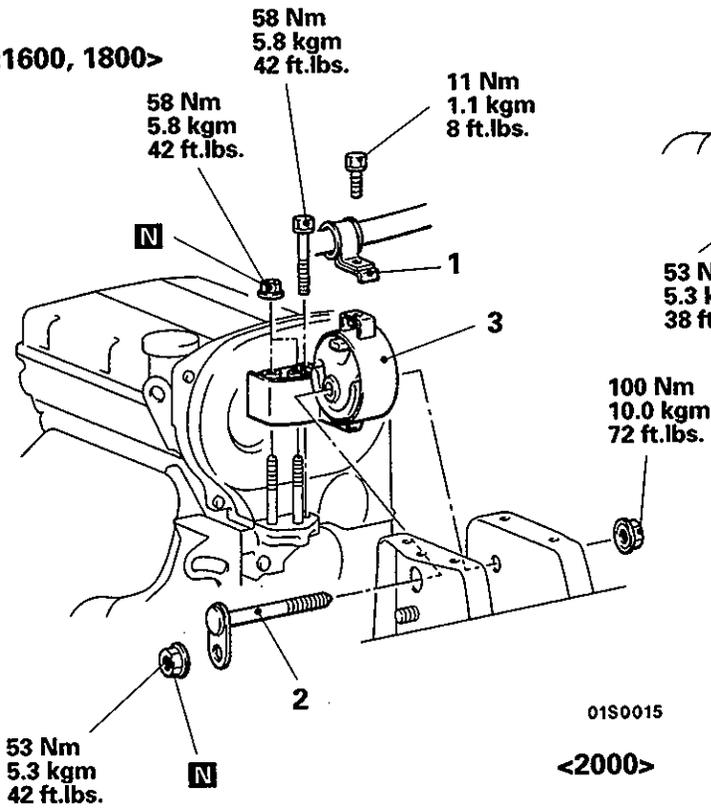
- Jack Up the Engine and Transmission Assembly Until. There is no Weight on the Engine Mount Bracket Insulator.

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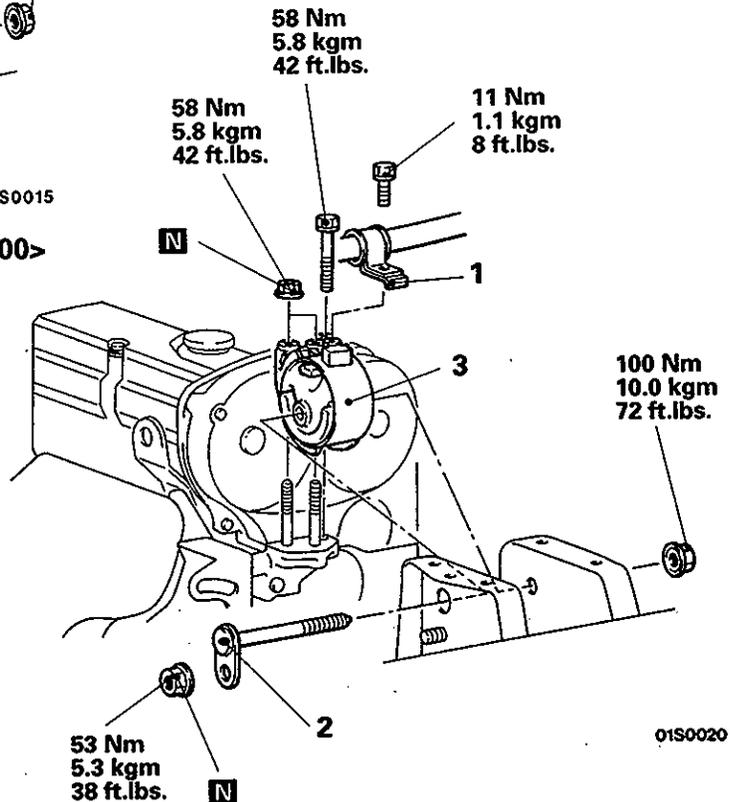
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01S0015

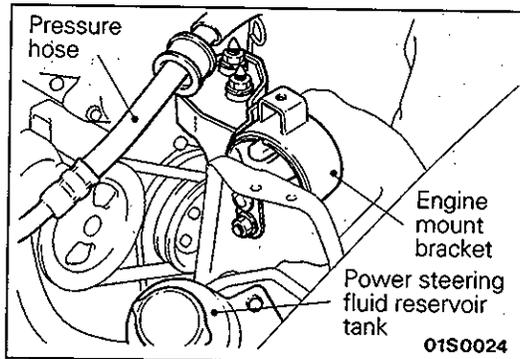
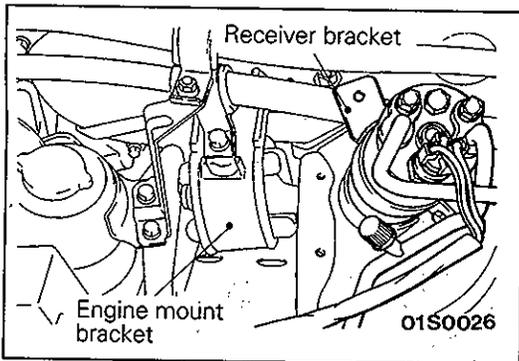
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01S0020

Removal steps

1. Pressure hose bracket
<Vehicles with power steering>
2. Engine mount insulator mounting bolt
3. Engine mount bracket



SERVICE POINTS OF REMOVAL

E32JBAC

2. REMOVAL OF ENGINE MOUNT INSULATOR MOUNTING BOLT

- (1) To make it easier to remove the engine mount insulator mounting bolt in vehicles with air-conditioner, remove the air-conditioner receiver bracket and support the receiver so that there are no bends in the pipe.
- (2) Remove the engine mount insulator mounting bolt.

3. REMOVAL OF ENGINE MOUNT BRACKET

- (1) For vehicles with power steering, remove the power steering fluid reservoir tank and bracket, and support them so that the pressure hose will not be in the way.
- (2) Remove the engine mount bracket.

TRANSMISSION MOUNTING

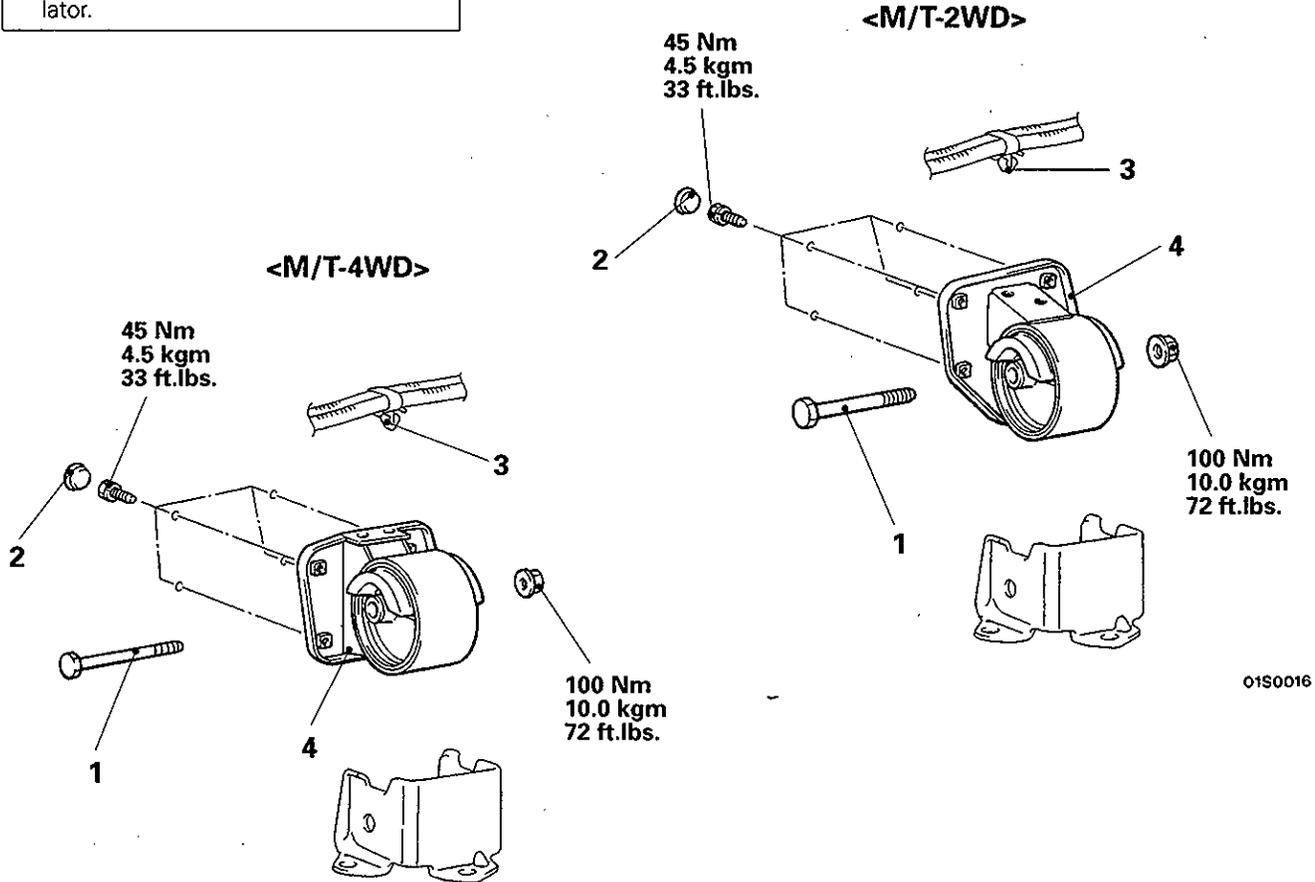
REMOVAL AND INSTALLATION

Pre-removal Operation

- (1) Removal of Air Cleaner Assembly
- (2) Jack Up the Engine and Transmission Assembly Until There is no Weight on the Transmission Mount Bracket Insulator.

Post-installation Operation

- Installation of Air Cleaner Assembly

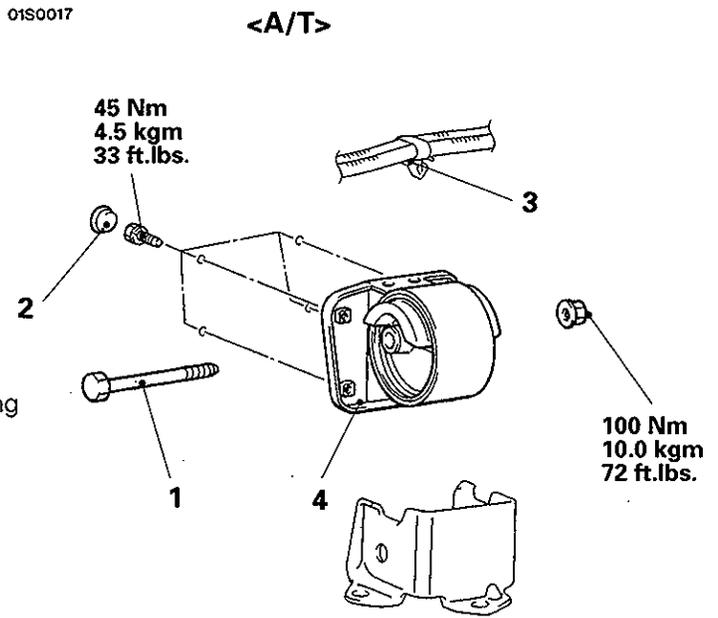


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01S0016

Removal Steps

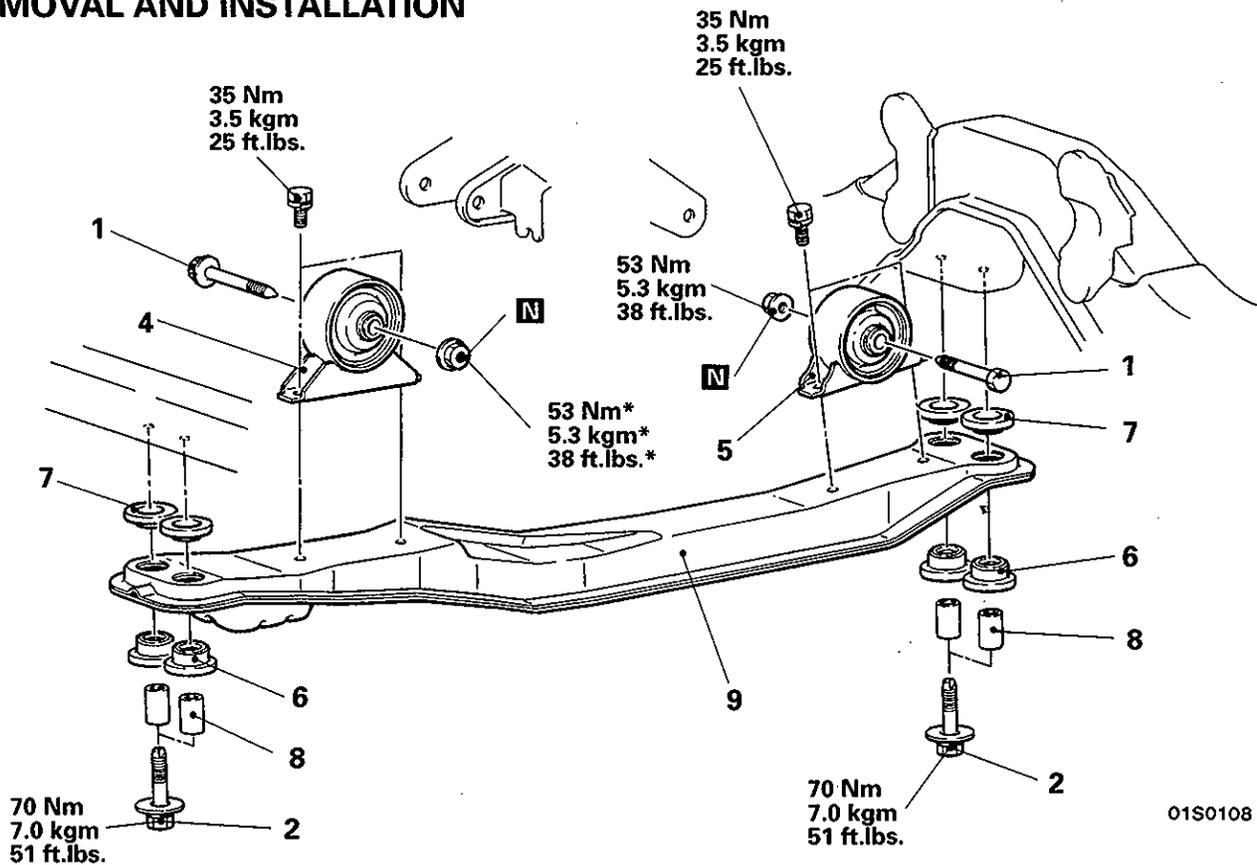
1. Transmission mount insulator mounting bolt
2. Grommet
3. Harness clamp
4. Transmission mount bracket



01S0018

ENGINE ROLL STOPPER, CENTERMEMBER

REMOVAL AND INSTALLATION



01S0108

Centermember assembly removal steps

1. Bolt
2. Bolt
3. Centermember assembly (Parts No. 4-9)

Roll stopper removal steps

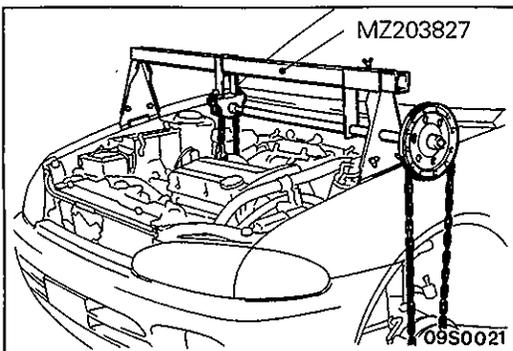
4. Front roll stopper bracket assembly
5. Rear roll stopper bracket assembly

Center member removal steps

6. Bushing (lower)
7. Bushing (upper)
8. Collar
9. Centermember

NOTE

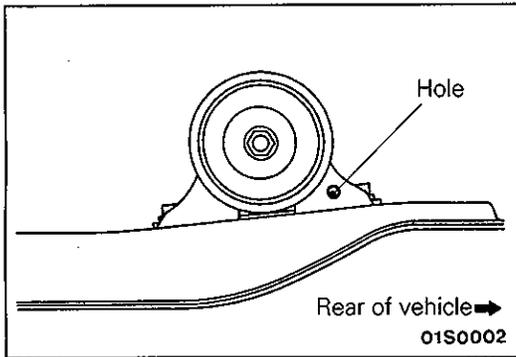
The fasteners marked * should be temporarily tightened before they are finally tightened once the total weight of the engine has been placed on the vehicle body.

**SERVICE POINTS OF REMOVAL**

E32MCAB

3. REMOVAL OF CENTERMEMBER ASSEMBLY

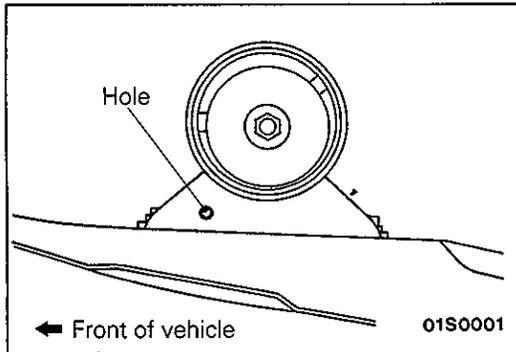
- (1) Set the special tool to the vehicle to support the engine assembly.
- (2) Remove the center member assembly.

**SERVICE POINTS OF INSTALLATION**

E32MBAF

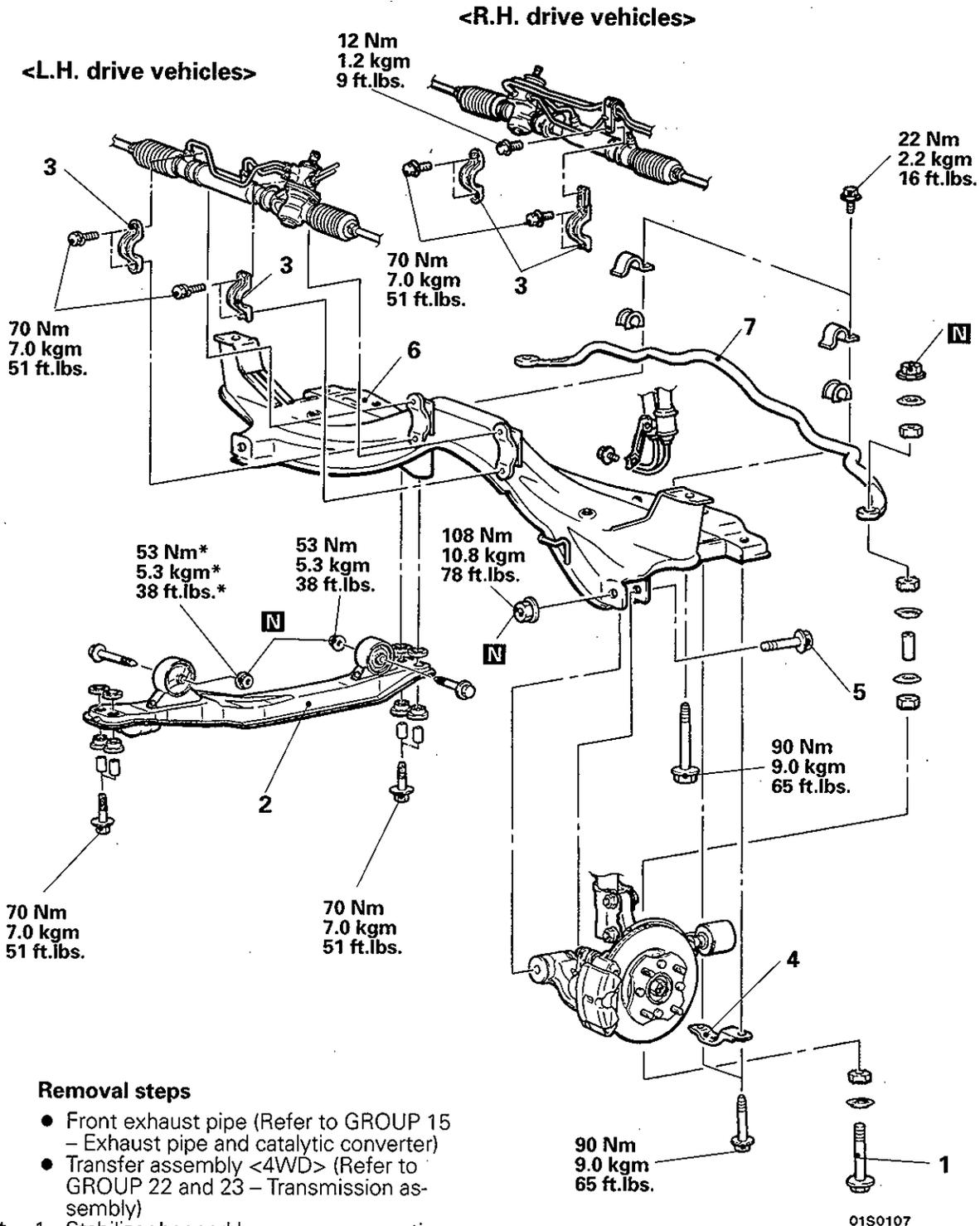
5. INSTALLATION OF REAR ROLL STOPPER ASSEMBLY

Install so that the hole in the rear roll stopper bracket is facing towards the rear of the vehicle.

**4. INSTALLATION OF FRONT ROLL STOPPER ASSEMBLY**

Install so that the hole in the front roll stopper bracket is facing towards the front of the vehicle.

No. 2 CROSSMEMBER REMOVAL AND INSTALLATION



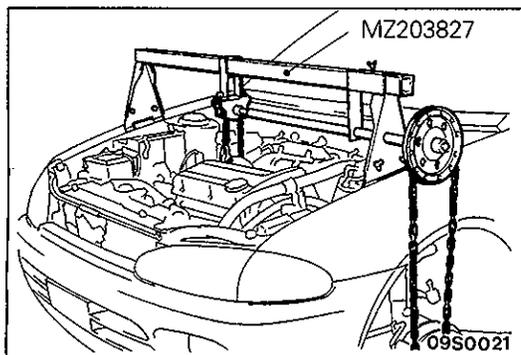
Removal steps

- Front exhaust pipe (Refer to GROUP 15 – Exhaust pipe and catalytic converter)
- Transfer assembly <4WD> (Refer to GROUP 22 and 23 – Transmission assembly)

1. Stabilizer bar and lower arm connection
2. Centermember assembly
3. Clamp
4. Support bracket
5. Bolt
6. No. 2 crossmember
7. Stabilizer bar

NOTE

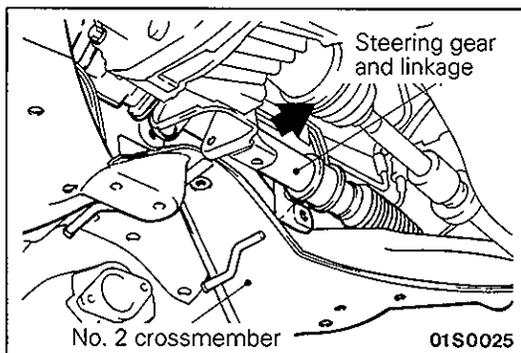
The fasteners marked * should be temporarily tightened before they are finally tightened once the total weight of the engine has been placed on the vehicle body.

**SERVICE POINTS OF REMOVAL**

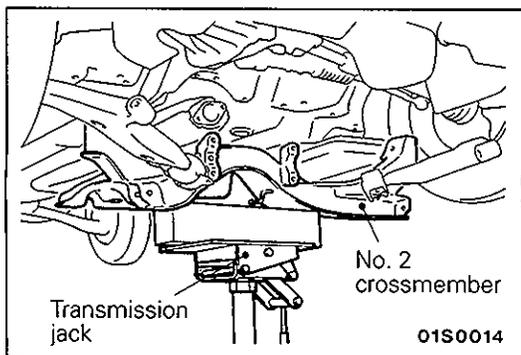
E32PBAL

2. REMOVAL OF CENTER MEMBER ASSEMBLY

- (1) Set the special tool to the vehicle to support the engine assembly.
- (2) Remove the center member assembly.

**6. REMOVAL OF NO. 2 CROSSMEMBER**

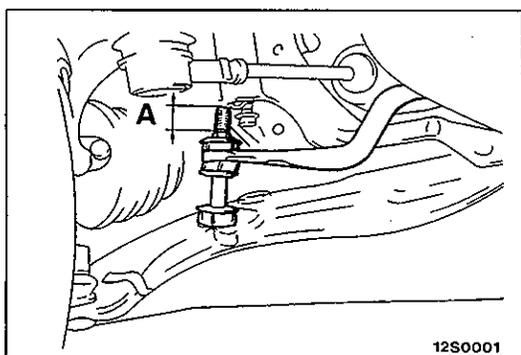
Remove the No.2 crossmember while supporting the steering gear and linkage on the vehicle side (in the direction of the arrow).

**SERVICE POINTS OF INSTALLATION**

E32PDAH

6. INSTALLATION OF NO. 2 CROSSMEMBER

Install the No.2 crossmember while supporting it with a transmission jack.

**1. CONNECTION OF STABILIZER BAR AND LOWER ARM**

Install the stabilizer bar so that the dimension shown in the illustration is at the standard value below.

Standard value (A) : 22 mm (0.9 in.)

NOTES