

B12-3

2 ENGINE MOUNTING LEFT INSULATOR

2-1 REMOVAL AND INSTALLATION

2-1-1 ARTICLES TO BE PREPARED

Instrument

Torque wrench

Lubricant, adhesive, others

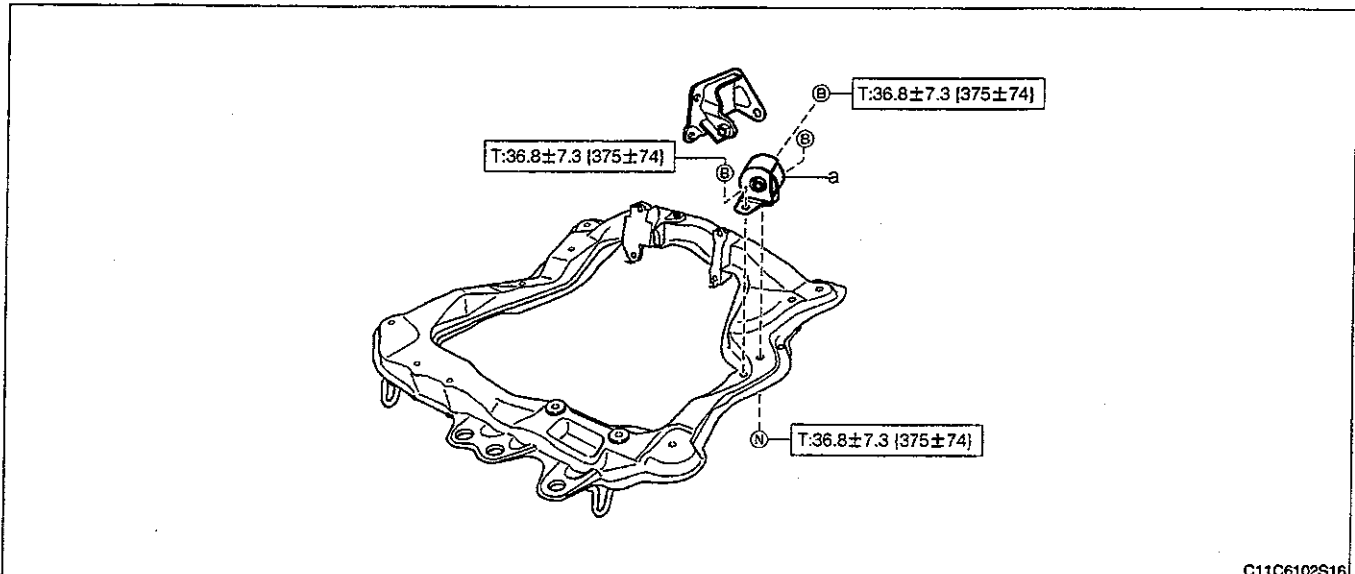
Wooden block

2-1-2 OPERATION BEFORE REMOVAL

1. Remove the battery.
2. Remove the battery carrier subassembly No.2 as well as the battery carrier support located underneath the subassembly.
3. Lift up the vehicle.
4. Install the front disc wheels LH.

2-1-3 REMOVAL AND INSTALLATION PROCEDURES

(1) COMPONENTS



Unit: N·m {kgf·cm}

(2) REMOVAL AND INSTALLATION PROCEDURES

- ▼ ▲ 1 a Insulator, engine mounting, lower left

2-1-4 POINTS OF REMOVAL

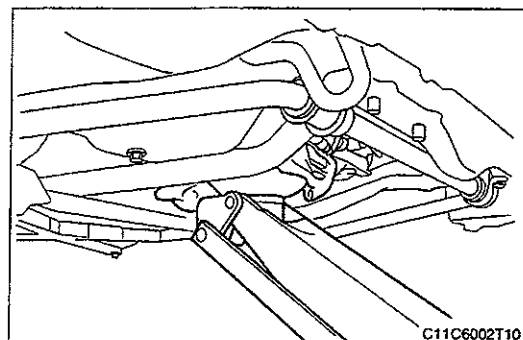
(1) ENGINE MOUNTING LOWER LEFT INSULATOR

1. Place a garage jack at a connecting point between the engine assembly and the transaxle assembly so as to sustain it.

CAUTION

- Never apply a jack to the oil pan of the engine assembly or the transaxle assembly.
- When applying a garage jack, interpose a wooden block or cloth so as not to cause any scratch.

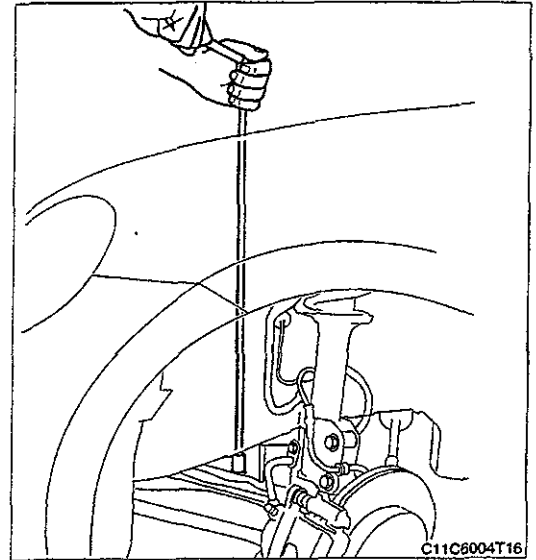
2. Turn the steering wheel to the left as far as it will go.
3. Remove the bolts connecting the frame assembly with the engine mounting lower left insulator.



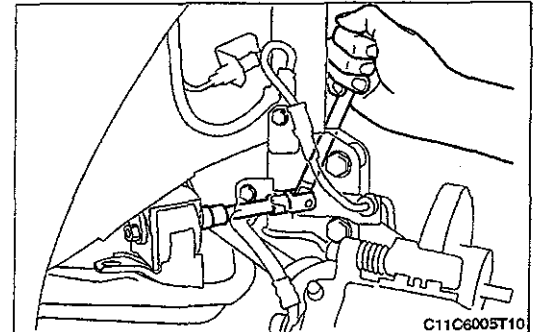
NOTE

- As for the bolts at the front side of the vehicle, it is advisable to carry out the work from around the battery carrier that was removed in the work prior to removal, using a long extension bar.

4. Lift up the engine assembly and transaxle assembly, using the garage jack.



5. Remove the engine mounting lower left insulator from the engine mounting left bracket.



2-1-5 INSPECTION

(1) ENGINE MOUNTING LOWER LEFT INSULATOR

Replace any insulator that exhibits cracks, fluid leakage or a flattened condition.

2-1-6 POINTS OF INSTALLATION

(1) ENGINE MOUNTING LOWER LEFT INSULATOR

1. Install the engine mounting lower left insulator to the frame assembly.
2. Fit the engine mounting left bracket into the engine mounting lower left insulator, while adjusting the position of the transaxle assembly, using a garage jack. Temporarily tighten the bolts.
3. After the garage jack has been lowered fully, securely tighten the bolts connecting the engine mounting lower left insulator with the engine mounting left bracket, with the engine mounting lower left insulator in a loaded state.

2-1-7 OPERATION AFTER INSTALLATION

1. Install the front disc wheels LH.

TIGHTENING TORQUE: $103.0 \pm 14.7 \text{ N} \cdot \text{m}$ { $1050 \pm 150 \text{ kgf} \cdot \text{cm}$ }

2. Lift down the vehicle.
3. Install the battery carrier support and battery carrier subassembly No.2.
4. Install the battery.

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3 ENGINE MOUNTING REAR INSULATOR

3-1 REMOVAL AND INSTALLATION

3-1-1 ARTICLES TO BE PREPARED

Instrument

Torque wrench

Lubricant, adhesive, others

Wooden block

3-1-2 OPERATION BEFORE REMOVAL

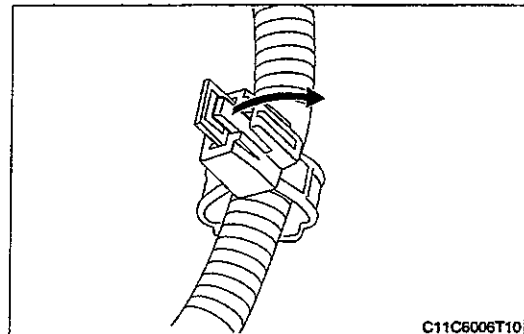
1. Remove the foot rest.
2. Turn over the carpet near the steering column hole.
3. Remove the dust cover retainer.
4. Remove the steering shaft dust cover.
5. Separate the universal joint at the steering gear side of the steering column assembly.
6. Push out the steering column hole shield to the vehicle outside under a condition where it is attached to the steering gear assembly.
7. Remove the pressure feed hose (pressure side) from the engine mounting rear right bracket.
8. Disconnect the alternator harness that is attached to the engine mounting rear right bracket.

NOTE

- Raise the claw of the clamp so as to unlock the lock, as indicated in the right figure.

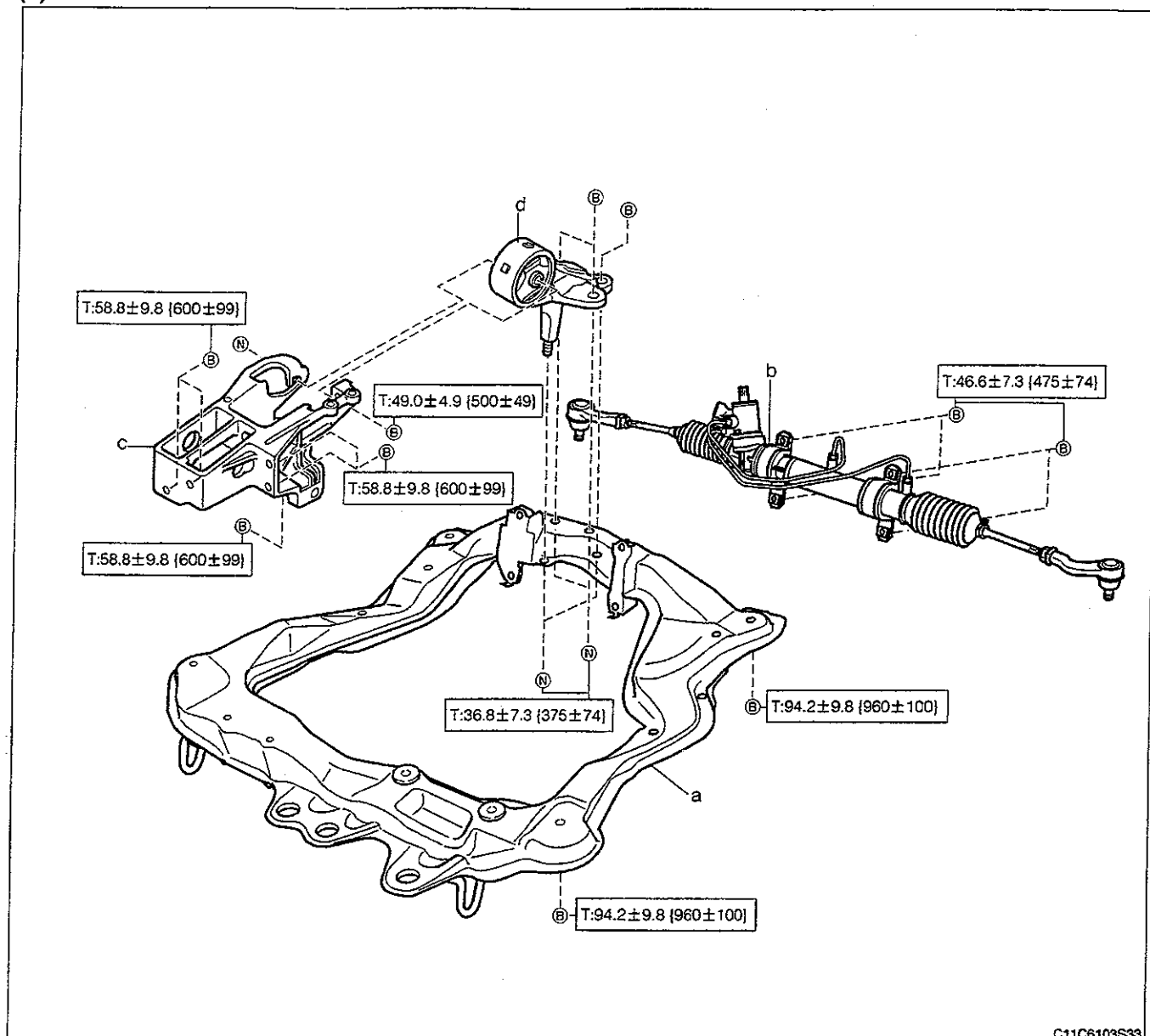
9. Lift up the vehicle.
10. Remove the front disc wheels.
11. Remove the front floor center brace S/A.
12. Disconnect the connector of the rear O₂ sensor.
13. Remove the two bolts connecting the exhaust pipe with the manifold converter assembly.
14. Separate the shift & select shaft and extension rod from the transmission.

Refer to Page F2-8.



3-1-3 REMOVAL AND INSTALLATION PROCEDURES

(1) COMPONENTS



Unit:N·m(kgf·cm)

(2) REMOVAL AND INSTALLATION PROCEDURES

- ▼ ▲ 1 c Bracket,engine mounting,rear right
- ▼ 2 a Frame Ay
- ▼ 3 b Gear assembly, power steering
- ▼ ▲ 4 c Bracket,engine mounting,rear right
- ▼ ▲ 5 d Insulator S/A, engine mounting, rear

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3-1-4 POINTS OF REMOVAL

(1) ENGINE MOUNTING REAR RIGHT BRACKET

1. Place a garage jack at a connecting point between the engine assembly and the transaxle assembly so as to sustain it.

CAUTION

- Never apply a jack to the oil pan of the engine assembly or the transaxle assembly.
- When applying a garage jack, interpose a wooden block or cloth so as not to cause any scratch.
- Care must be exercised not to allow the engine to lower while the engine is sustained with the jack.

2. Disconnect the engine mounting rear insulator S/A from the engine mounting rear right bracket.

NOTE

- It is advisable to carry out the work from the tire house at the left side of the vehicle, using a long extension bar.

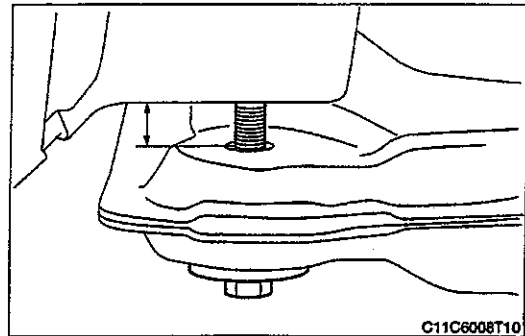
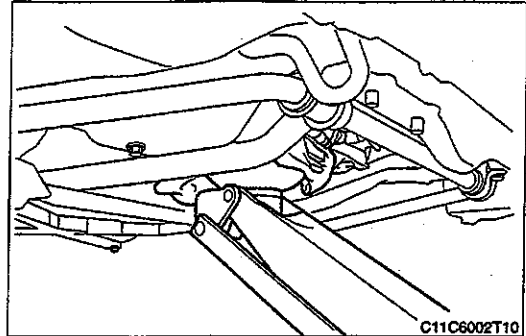
3. Remove the engine mounting rear right bracket from the engine block. Temporarily secure it.

(2) Frame Ay

Slacken the retaining bolts of the frame assembly a little at a time so as to lower the front side about 15 mm; the rear side about 25mm.

CAUTION

- Since there are possibilities that the frame assembly may drop, do not lower it more than 25 mm.



(3) POWER STEERING GEAR AY

Remove the retaining bolts that attach the power steering gear assembly to the frame assembly.

(4) ENGINE MOUNTING REAR RIGHT BRACKET

Pull out the engine mounting rear right bracket from the right side of the vehicle.

(5) ENGINE MOUNTING REAR INSULATOR S/A

Remove the engine mounting rear insulator S/A. Pull it out from the right side of the vehicle.

3-1-5 INSPECTION

(1) ENGINE MOUNTING REAR INSULATOR S/A

Replace any insulator that exhibits cracks, or a flattened condition.

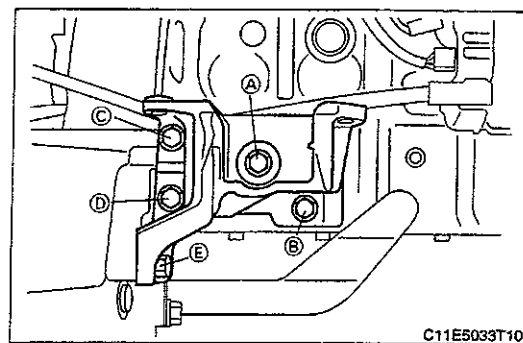
3-1-6 POINTS OF INSTALLATION

(1) ENGINE MOUNTING REAR INSULATOR S/A

Install the engine mounting rear insulator S/A to the frame assembly.

(2) ENGINE MOUNTING REAR RIGHT BRACKET

1. Install the engine mounting rear right bracket.
 - (1) Temporarily secure the engine mounting rear right bracket to the engine block by means of the bolt A.
 - (2) Tighten the bolt C to the specified torque.
 - (3) Securely tighten the bolts B and D to the specified torque.
 - (4) Securely tighten the bolt A to the specified torque.
 - (5) Tighten the bolt E to the transaxle assembly to the specified torque.

**(3) POWER STEERING GEAR AY**

Install the power steering gear assembly to the frame assembly.

(4) Frame Ay

Install the frame assembly to the body. At this time, push the steering column hole cover into the column hole.

(5) ENGINE MOUNTING REAR RIGHT BRACKET

1. Temporarily connect the engine mounting rear insulator S/A to the engine mounting rear right bracket, while adjusting the position of the transaxle assembly, using a garage jack.
2. After lowering the garage jack, securely tighten the engine mounting rear insulator S/A to the engine mounting rear right bracket.