
GROUP 32

POWER PLANT MOUNT

CONTENTS

GENERAL DESCRIPTION	32-2	ENGINE ROLL STOPPER AND CENTERMEMBER	32-7
SPECIAL TOOL	32-3	REMOVAL AND INSTALLATION	32-7
ENGINE MOUNTING	32-4	CROSSMEMBER	32-10
REMOVAL AND INSTALLATION	32-4	REMOVAL AND INSTALLATION	32-10
INSPECTION		INSPECTION	32-19
TRANSAXLE (TRANSMISSION) MOUNTING	32-5	SPECIFICATION(S)	32-19
REMOVAL AND INSTALLATION	32-5	FASTENER TIGHTENING SPECIFICATIONS	32-19

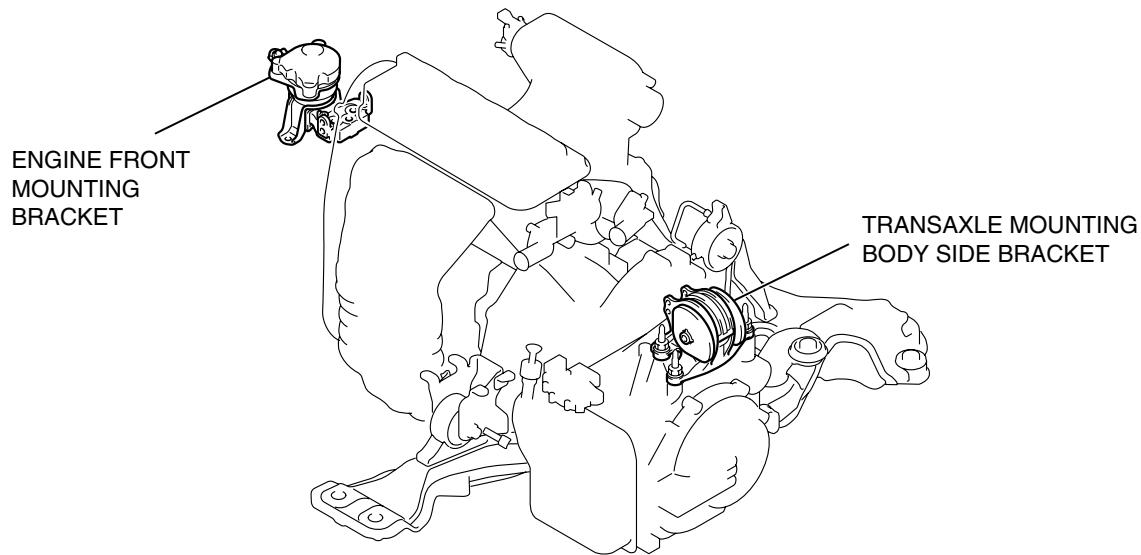
GENERAL DESCRIPTION

M1321000100373

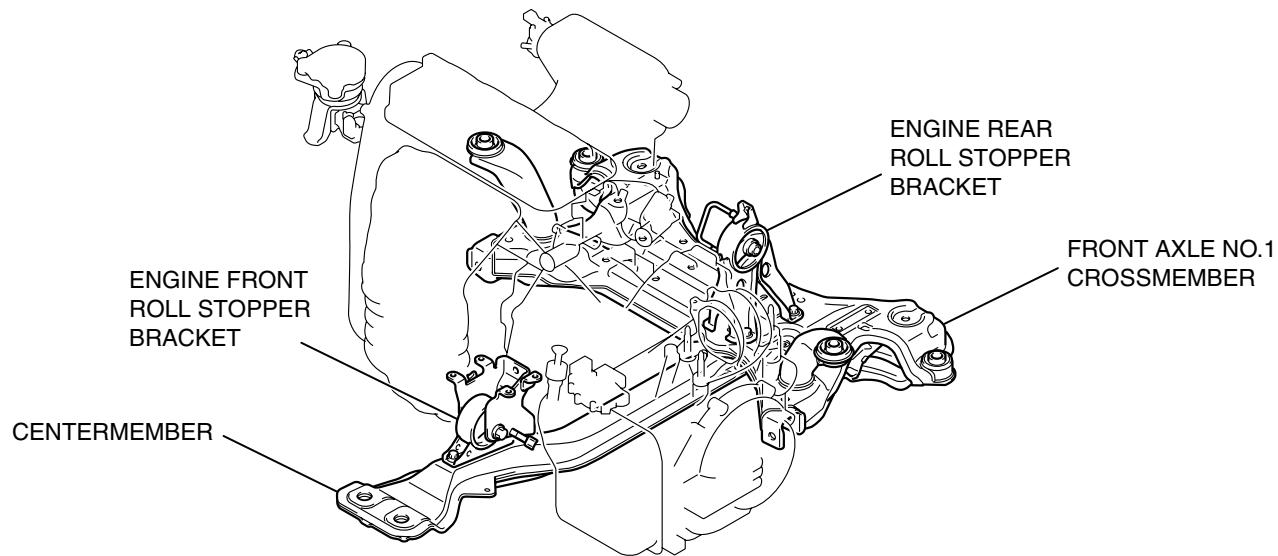
- The engine front mounting bracket is a dome-shaped fluid-filled mount for improved responsiveness during acceleration and more stable vehicle performance against road disturbances.
- The liquid-filled transaxle mounting body side bracket improves riding comfort by its refined insulator.
- A roll stopper bracket in the upper area limits engine rolling. Furthermore, large diameter insulator reduces idle vibration.

CONSTRUCTION DIAGRAM

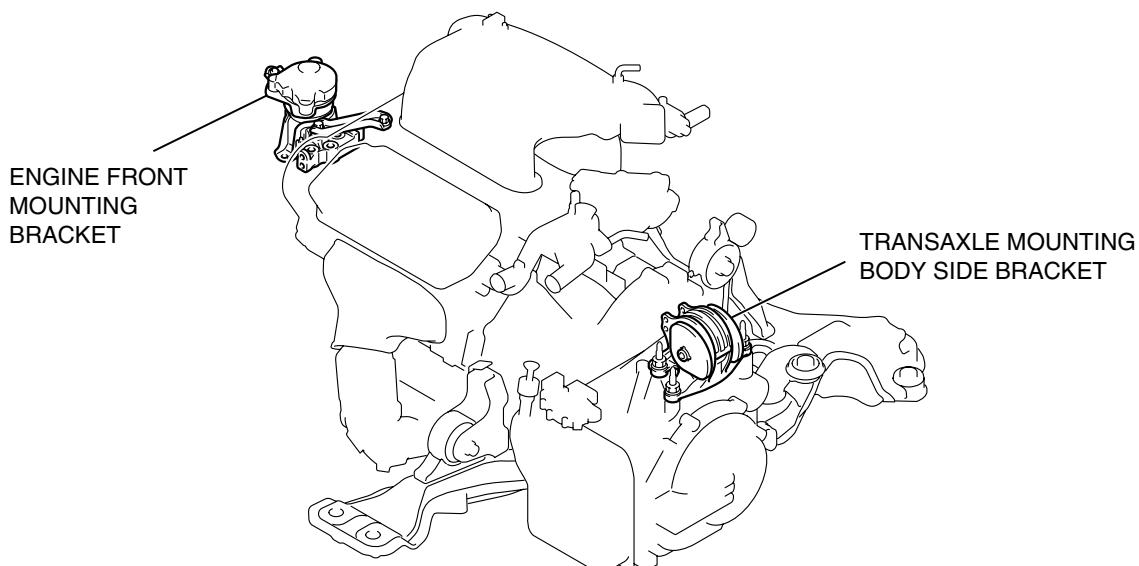
<2.4L ENGINE>



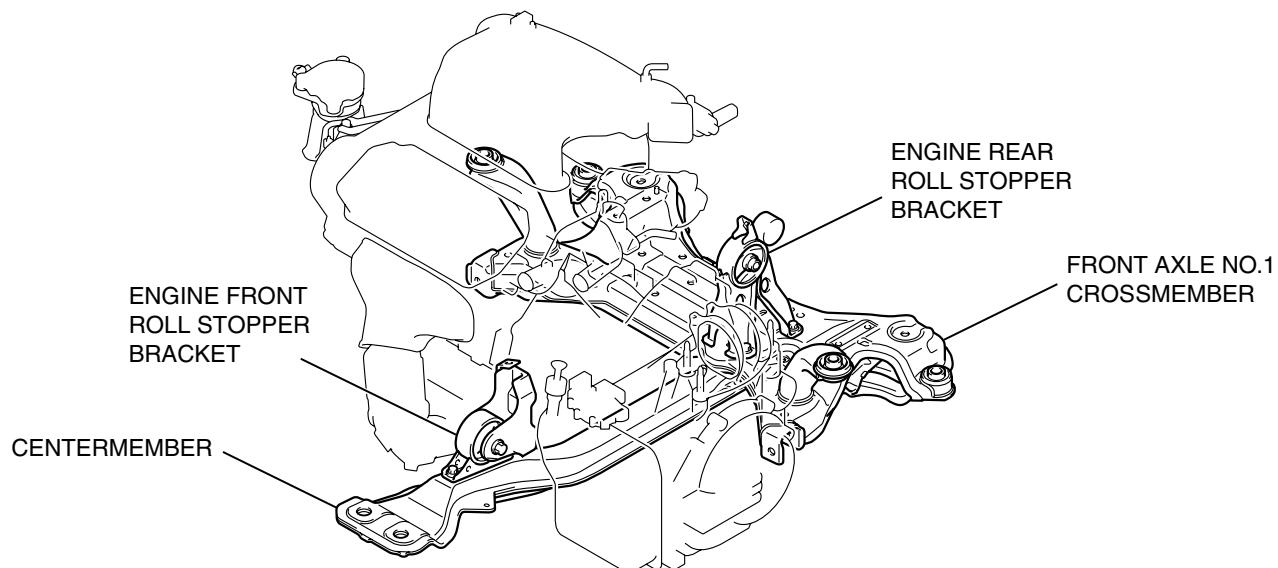
AC305857

AC305858
AC305859AB

<3.8L ENGINE>



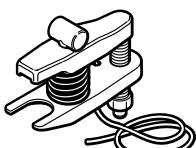
AC305860



AC305861
AC305862AB

SPECIAL TOOL

M1321000600390

TOOL	TOOL NUMBER AND NAME	SUPERSESSION	APPLICATION
 AC106827	MB991897 Ball joint remover	MB991113-01, MB990635-01 or General service tool	Knuckle and tie rod end ball joint disconnection <i>NOTE: Steering linkage puller (MB990635 or MB991113) is also used to disconnect the knuckle and tie rod end ball joint.</i>

ENGINE MOUNTING

REMOVAL AND INSTALLATION

M1321001101324

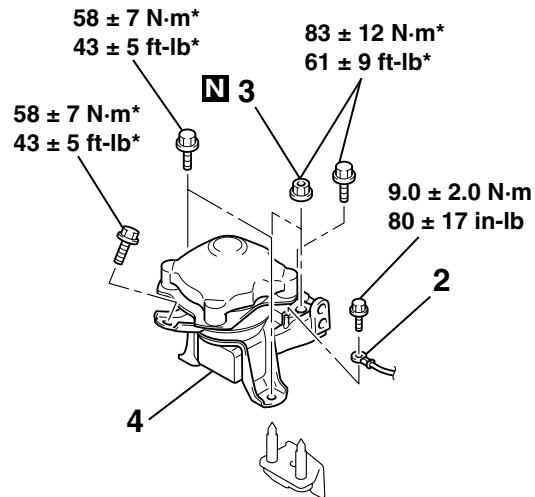
CAUTION

*: Indicates parts which should be initially tightened, and then fully tightened after placing the vehicle horizontally and loading the full weight of the engine on the vehicle body.

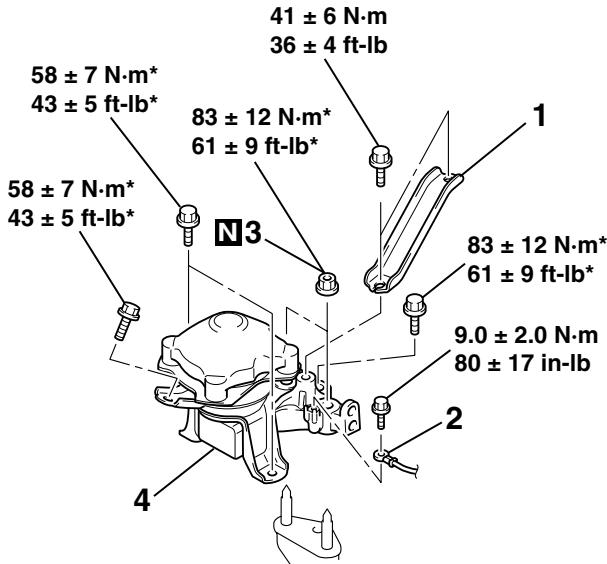
Pre-removal Operation

Raise the engine and transaxle assembly until its weight is not applied to the insulator, and support it securely.

<2.4L ENGINE>



<3.8L ENGINE>



AC307311AC

REMOVAL STEPS

1. ENGINE MOUNTING STAY <3.8L ENGINE>
2. GROUNDING CABLE CONNECTION

REMOVAL STEPS (Continued)

- POWER STEERING OIL RESERVOIR
- 3. SELF-LOCKING NUTS
- 4. ENGINE FRONT MOUNTING BRACKET

REMOVAL SERVICE POINT

<<A>> POWER STEERING OIL RESERVOIR REMOVAL

With the hose installed, remove the power steering oil reservoir from the vehicle. (Refer to GROUP 37, Power Steering Hoses P.37-54).

NOTE: After removing the power steering oil reservoir, secure it with a cord in the location where the removal and installation of the engine front mounting bracket cannot be hindered.

TRANSAXLE (TRANSMISSION) MOUNTING

REMOVAL AND INSTALLATION

M1321001401143

CAUTION

*: Indicates parts which should be initially tightened, and then fully tightened after placing the vehicle horizontally and loading the full weight of the engine on the vehicle body.

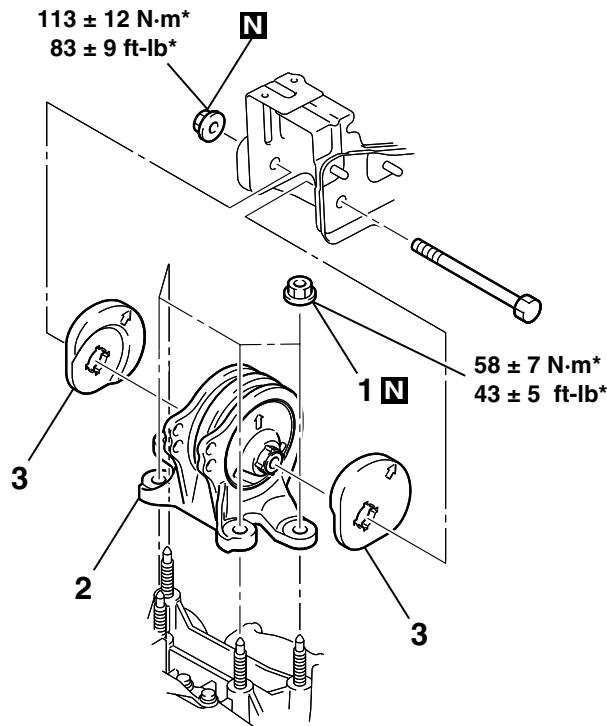
Pre-removal Operation

- Powertrain Control Module (PCM) Removal (2.4L ENGINE: Refer to GROUP 13A, Powertrain Control Module (PCM) [P.13A-1180](#), 3.8L ENGINE: Refer to GROUP 13B, Powertrain Control Module (PCM) [P.13B-1447](#)).
- Air Cleaner Removal (Refer to GROUP 15, Air Cleaner [P.15-4](#)).
- Battery and Battery Tray Removal
- Centermember Removal (Refer to [P.32-7](#)).
- Engine Rear Roll Stopper Bracket Removal (Refer to [P.32-7](#)).
- Raise the engine and transaxle assembly until its weight is not applied to the insulator, and support it securely.

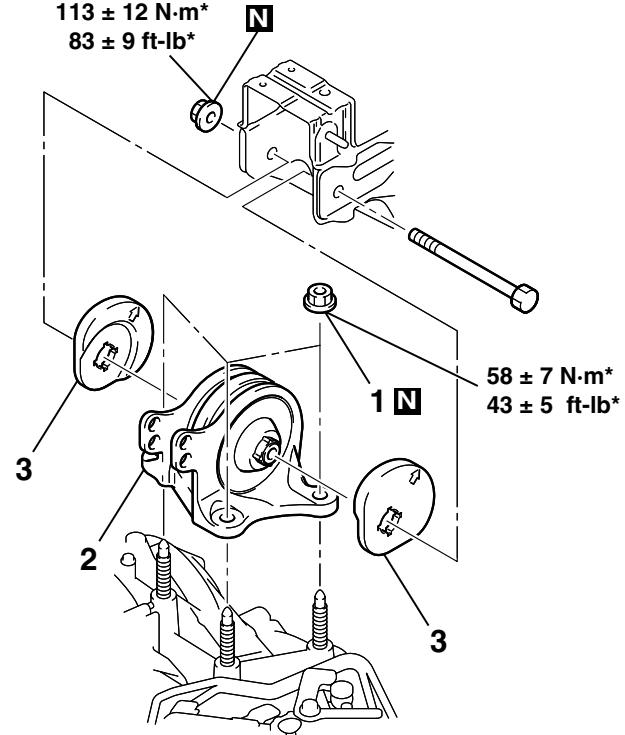
Post-installation Operation

- Engine Rear Roll Stopper Bracket Installation (Refer to [P.32-7](#)).
- Centermember Installation (Refer to [P.32-7](#)).
- Battery and Battery Tray Installation
- Air Cleaner Installation (Refer to GROUP 15, Air Cleaner [P.15-4](#)).
- Powertrain Control Module (PCM) Installation (2.4L ENGINE: Refer to GROUP 13A, Powertrain Control Module (PCM) [P.13A-1180](#), 3.8L ENGINE: Refer to GROUP 13B, Powertrain Control Module (PCM) [P.13B-1447](#)).

<4A/T>



<5A/T>



AC601024AB

REMOVAL STEPS

- SELF-LOCKING NUTS

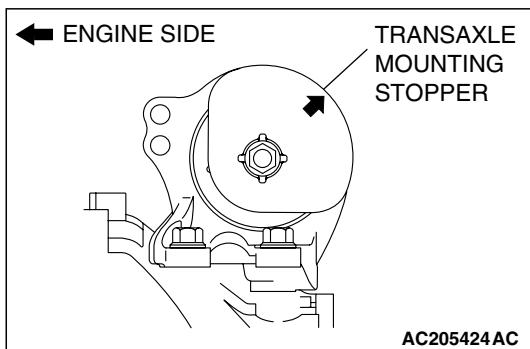
- TRANSAXLE MOUNTING BODY SIDE BRACKET
- TRANSAXLE MOUNTING STOPPER

>>A<<

INSTALLATION SERVICE POINT

>>A<< TRANSAXLE MOUNTING STOPPER INSTALLATION

Install the transaxle mounting stopper so that its arrow points upward.



ENGINE ROLL STOPPER AND CENTERMEMBER REMOVAL AND INSTALLATION

M1321002300641

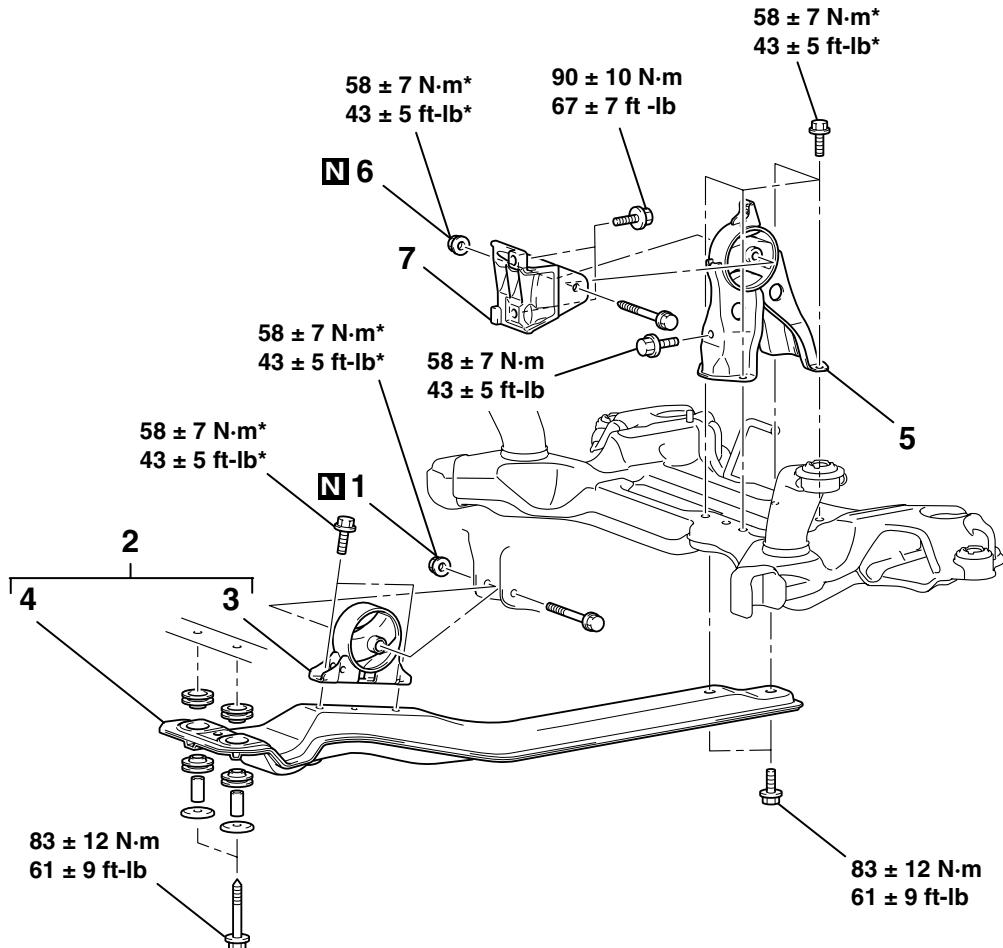
<2.4L ENGINE>

! CAUTION

***: Indicates parts which should be initially tightened, and then fully tightened after placing the vehicle horizontally and loading the full weight of the engine on the vehicle body.**

Pre-removal and Post-installation Operation

Side Under Cover Removal and Installation (Refer to GROUP 51, Under Cover [P.51-12](#)).



FRONT ROLL STOPPER AND CENTERMEMBER REMOVAL STEPS

STEP 6

1. SELF-LOCKING NUT
2. ENGINE FRONT ROLL STOPPER
BRACKET AND
CENTERMEMBER
- >>B<< 3. ENGINE FRONT ROLL STOPPER
BRACKET
4. CENTERMEMBER

REAR ROLL STOPPER REMOVAL STEPS

- FRONT AXLE NO.1
CROSSMEMBER ASSEMBLY
(REFER TO [P.32-10](#)).
- 5. ENGINE REAR ROLL STOPPER
BRACKET

REAR ROLL STOPPER

BRACKET REMOVAL STEPS

- FRONT NO.1 EXHAUST PIPE AND FRONT NO.2 EXHAUST PIPE CONNECTION (REFER TO GROUP 15, EXHAUST PIPE AND MAIN MUFFLER P.15-32).
- 1. SELF-LOCKING NUT
- 2. ENGINE FRONT ROLL STOPPER BRACKET AND CENTERMEMBER
- 6. SELF-LOCKING NUT
- 7. TRANSAXLE CASE REAR ROLL STOPPER BRACKET

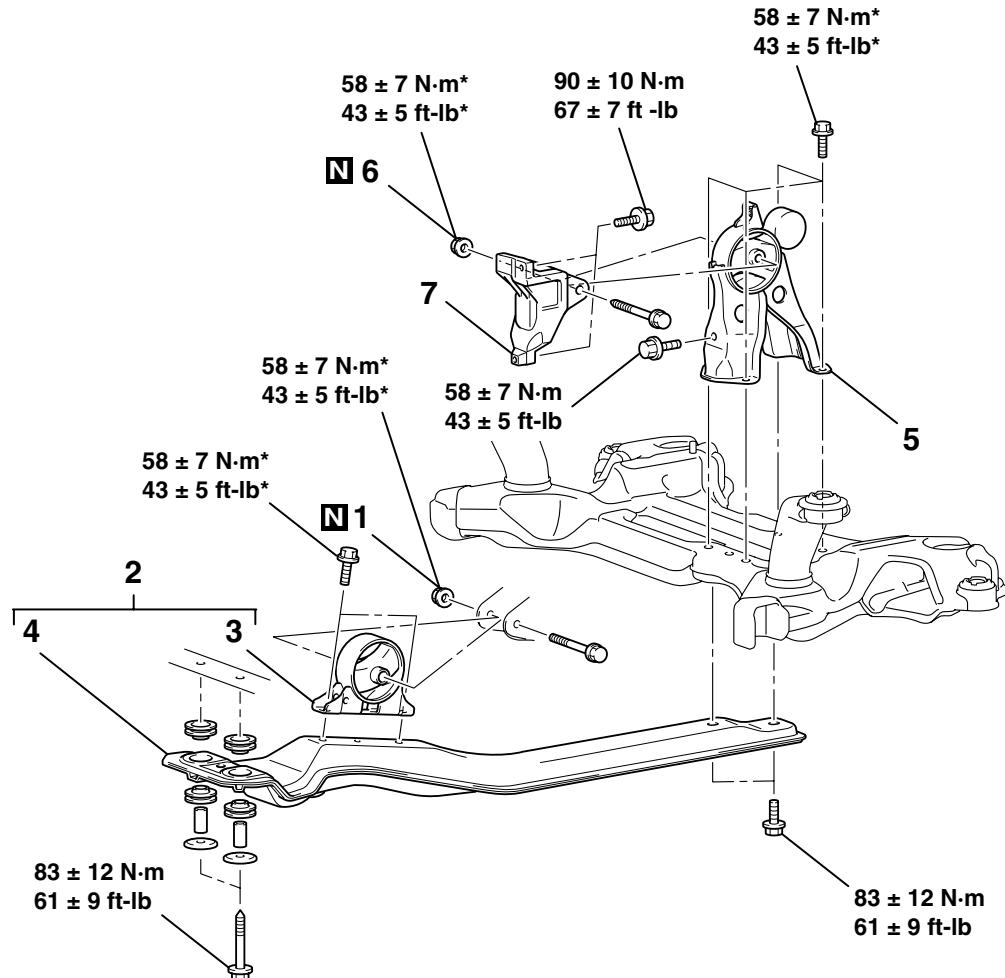
<3.8L ENGINE>

CAUTION

*: Indicates parts which should be initially tightened, and then fully tightened after placing the vehicle horizontally and loading the full weight of the engine on the vehicle body.

Pre-removal and Post-installation Operation

Side Under Cover Removal and Installation (Refer to GROUP 51, Under Cover P.51-12).



**FRONT ROLL STOPPER AND
CENTERMEMBER REMOVAL
STEPS**

1. SELF-LOCKING NUT
2. ENGINE FRONT ROLL STOPPER
BRACKET AND
CENTERMEMBER
- >>B<< 3. ENGINE FRONT ROLL STOPPER
BRACKET
4. CENTERMEMBER
**REAR ROLL STOPPER
REMOVAL STEPS**
- FRONT AXLE NO.1
CROSSMEMBER ASSEMBLY
(REFER TO P.32-10).
- >>A<< 5. ENGINE REAR ROLL STOPPER
BRACKET

**REAR ROLL STOPPER
BRACKET REMOVAL STEPS**

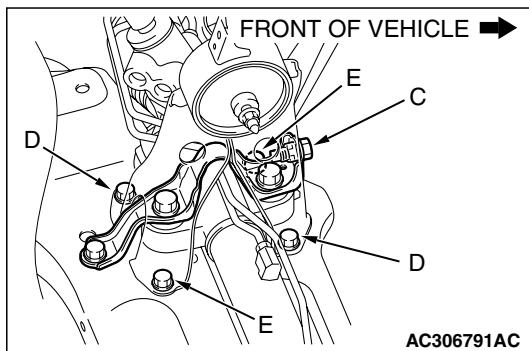
- FRONT NO.1 EXHAUST PIPE
(REFER TO GROUP 15,
EXHAUST PIPE AND MAIN
MUFFLER P.15-32).
- 1. SELF-LOCKING NUT
- 2. ENGINE FRONT ROLL STOPPER
BRACKET AND
CENTERMEMBER
- 6. SELF-LOCKING NUT
- 7. TRANSAXLE CASE REAR ROLL
STOPPER BRACKET

INSTALLATION SERVICE POINTS

**>>A<< ENGINE REAR ROLL STOPPER BRACKET INSTAL-
LATION**

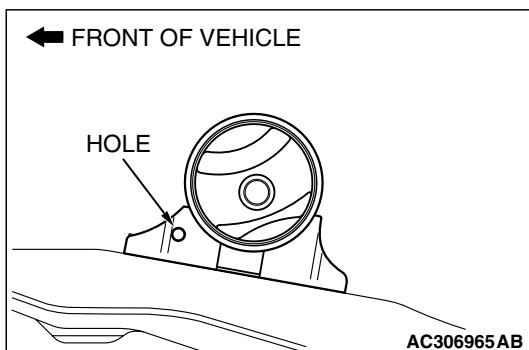
Tighten the bolts in the following sequence:

1. Tighten bolts E finger tight.
2. Tighten bolt C and then tighten bolts D.
3. Tighten bolts E.



**>>B<< ENGINE FRONT ROLL STOPPER BRACKET
INSTALLATION**

Install the engine front roll stopper bracket so that its hole
points towards the front side of the vehicle.



CROSSMEMBER

REMOVAL AND INSTALLATION

M1321003200852

<2.4L ENGINE>

⚠ CAUTION

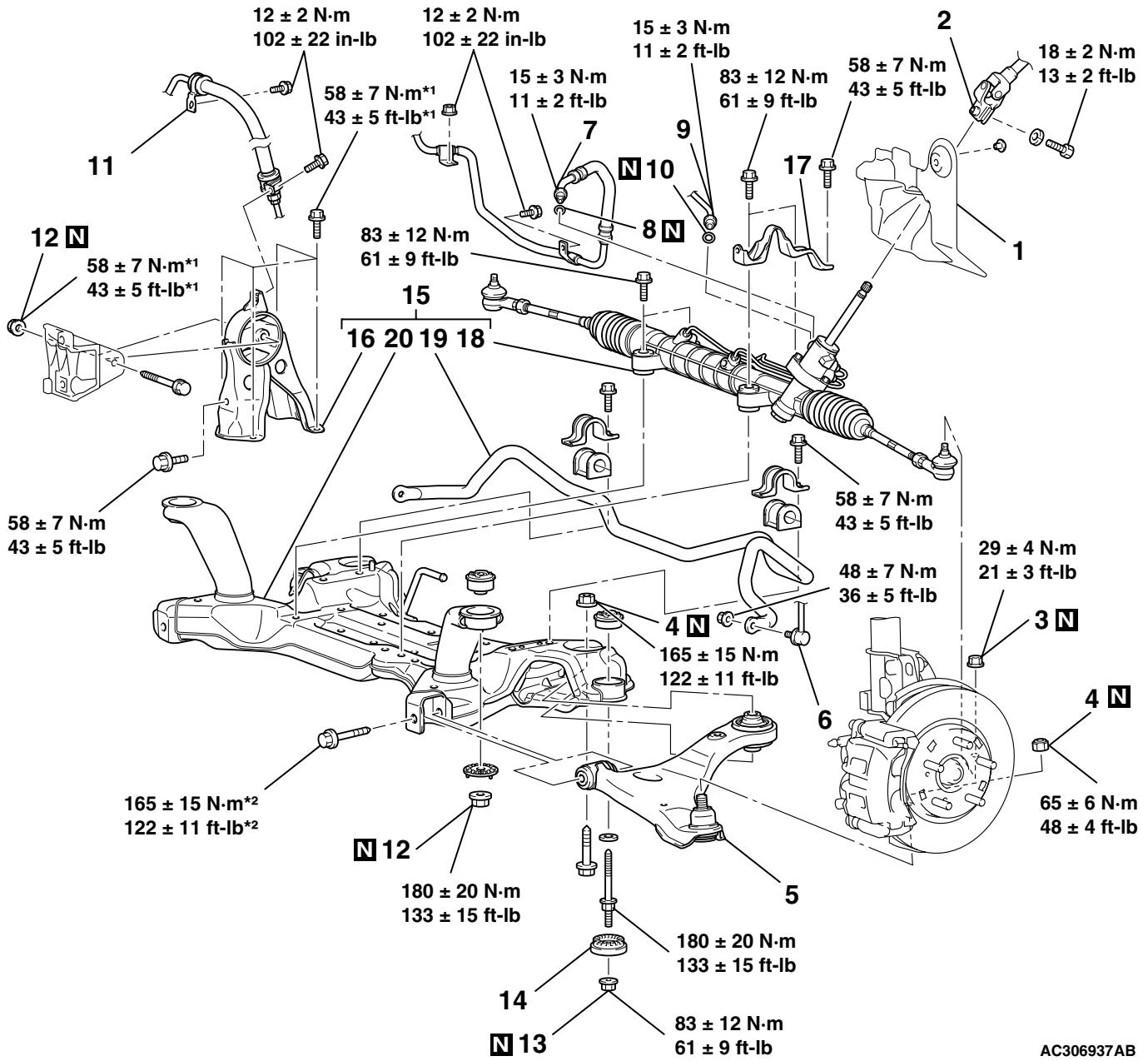
- Before removing the steering wheel and air bag module assembly, always refer to GROUP 52B - Service Precautions ([P.52B-29](#)), Air bag Module and Clock Spring ([P.52B-408](#)). Also, set the front wheels so that they are facing straight forward, and remove the ignition key. If you fail to do this, the SRS clock spring will be damaged, causing the SRS air bag to be inoperative and serious injury.
- *¹: Indicates parts which should be initially tightened, and then fully tightened after placing the vehicle horizontally and loading the full weight of the engine on the vehicle body.
- *²: Indicates parts which should be temporarily tightened, and then fully tightened with the vehicle on the ground in the unladen condition.

Pre-removal Operation

- Power Steering Fluid Draining (Refer to GROUP 37, On-vehicle Service – Fluid Replacement [P.37-20](#)).
- Air Bag Module and Steering Wheel Assembly Removal (Refer to GROUP 37, Steering Wheel [P.37-24](#)).
- Clock Spring Removal (Refer to GROUP 52B, Air Bag Module and Clock Spring [P.52B-408](#)).
- Floor Console Assembly Removal (Refer to GROUP 52A, Floor Console Assembly [P.52A-22](#)).
- Front Scuff Plate (LH) and Cowl Side Trim (LH) Removal (Refer to GROUP 52A, Trims [P.52A-23](#)).
- Trunk Lid Release Handle Cover Removal (Refer to GROUP 42, Trunk Lid [P.42-62](#)).
- Accelerator Stopper Removal (Refer to GROUP 17, Accelerator Pedal [P.17-8](#)).
- Front Floor Carpet Removal
- Centermember Removal (Refer to [P.32-7](#)).

Post-installation Operation

- Centermember Installation (Refer to [P.32-7](#)).
- Front Floor Carpet Installation
- Accelerator Stopper Installation (Refer to GROUP 17, Accelerator Pedal [P.17-8](#)).
- Trunk Lid Release Handle Cover Installation (Refer to GROUP 42, Trunk Lid [P.42-62](#)).
- Front Scuff Plate (LH) and Cowl Side Trim (LH) Installation (Refer to GROUP 52A, Trims [P.52A-23](#)).
- Floor Console Assembly Installation (Refer to GROUP 52A, Floor Console Assembly [P.52A-22](#)).
- Clock Spring Installation (Refer to GROUP 52B, Air Bag Module and Clock Spring [P.52B-408](#)).
- Steering Wheel Assembly and Air Bag Module Installation (Refer to GROUP 37, Steering Wheel [P.37-24](#)).
- Check the dust cover for cracks or damage by pushing it with your finger.
- Power Steering Fluid Supplying (Refer to GROUP 37, On-vehicle Service – Fluid Replacement [P.37-20](#)).
- Power Steering Fluid Line Bleeding (Refer to GROUP 37, On-vehicle Service – Power Steering System Air Bleeding [P.37-20](#)).
- Checking Steering Wheel Position with Wheels Straight Ahead.
- Front Wheel Alignment Adjustment (Refer to GROUP 33, On-vehicle Service – Front Wheel Alignment Check and Adjustment [P.33-6](#)).



REMOVAL STEPS

- <<A>>
 - 1. STEERING SHAFT PAD
 - 2. STEERING COLUMN ASSEMBLY AND STEERING GEAR CONNECTION
- <>
 - 3. SELF-LOCKING NUTS (CONNECTION FOR TIE ROD END)
 - 4. SELF-LOCKING NUTS (CONNECTION FOR LOWER ARM BALL JOINT)
 - 5. LOWER ARM ASSEMBLY
 - 6. STABILIZER LINK CONNECTION
 - 7. RETURN TUBE CONNECTION
 - 8. O-RING
 - 9. PRESSURE HOSE CONNECTION
 - 10. O-RING
 - 11. PRESSURE HOSE CLAMP

REMOVAL STEPS (Continued)

- FRONT NO.2 EXHAUST PIPE HANGER (REFER TO GROUP 15, EXHAUST PIPE AND MAIN MUFFLER [P.15-32](#)).
- 12. SELF-LOCKING NUTS
- 13. SELF-LOCKING NUTS
- 14. FRONT AXLE CROSSMEMBER STOPPER
- 15. ENGINE REAR ROLL STOPPER BRACKET, POWER STEERING GEAR AND LINKAGE, STABILIZER BAR AND FRONT AXLE NO.1 CROSSMEMBER ASSEMBLY
- 16. ENGINE REAR ROLL STOPPER BRACKET

<<**C**>> >>**E**<< 12. SELF-LOCKING NUTS

<<**E**>> >>**C**<< 14. FRONT AXLE CROSSMEMBER STOPPER

>>**B**<< 16. ENGINE REAR ROLL STOPPER BRACKET

REMOVAL STEPS (Continued)

>>**B**<< 17. POWER STEERING GEAR
BRACKET
18. POWER STEERING GEAR AND
LINKAGE

>>**A**<< 19. STABILIZER BAR
20. FRONT AXLE NO.1
CROSSMEMBER

Required Special Tool:

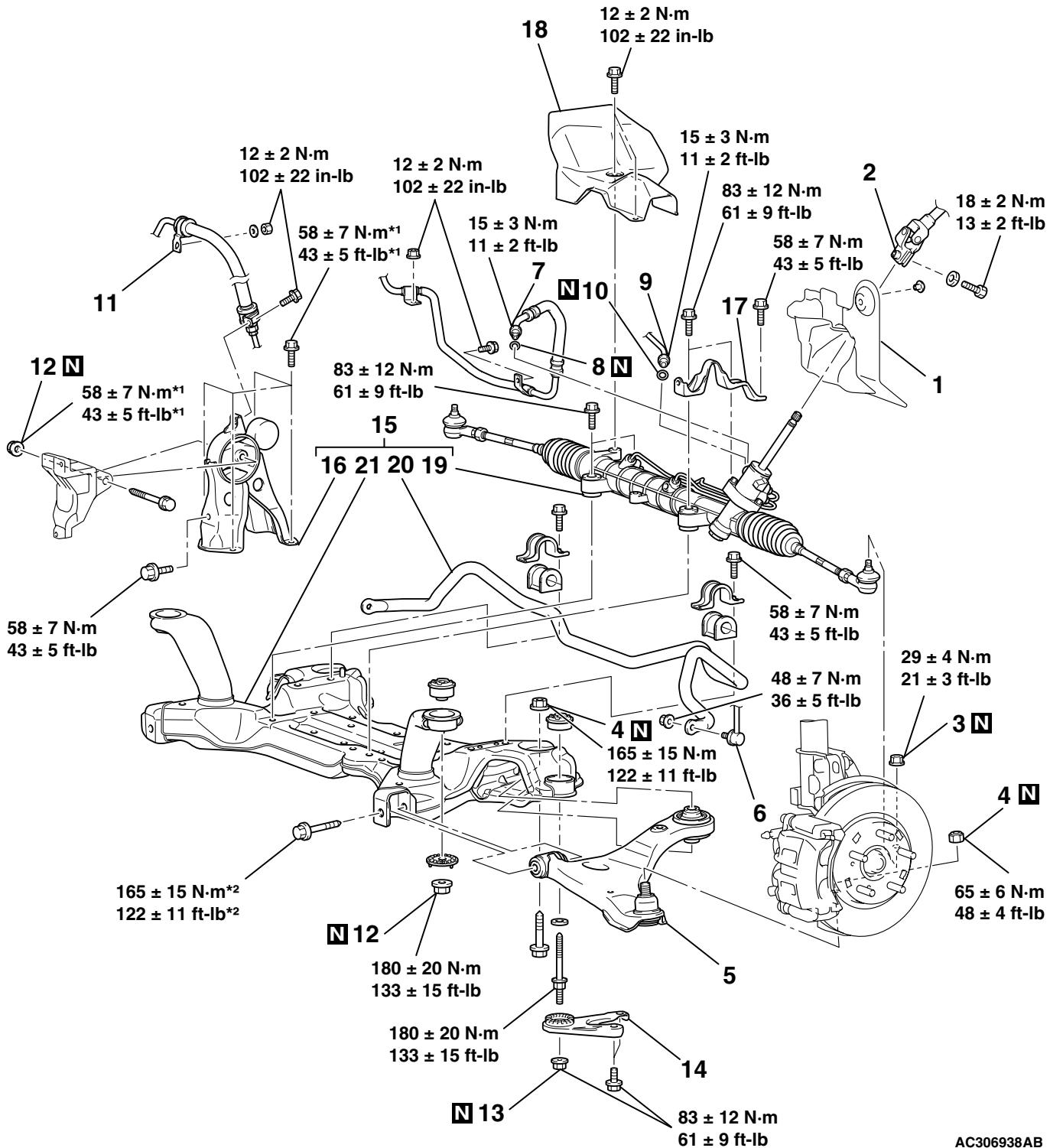
- MB991897: Ball Joint Remover

<3.8L ENGINE>

CAUTION

- Before removing the steering wheel and air bag module assembly, always refer to GROUP 52B - Service Precautions ([P.52B-29](#)), Air bag Module and Clock Spring ([P.52B-408](#)). Also, set the front wheels so that they are facing straight forward, and remove the ignition key. If you fail to do this, the SRS clock spring will be damaged, causing the SRS air bag to be inoperative and serious injury.
- *¹: Indicates parts which should be initially tightened, and then fully tightened after placing the vehicle horizontally and loading the full weight of the engine on the vehicle body.
- *²: Indicates parts which should be temporarily tightened, and then fully tightened with the vehicle on the ground in the unladen condition.

Pre-removal Operation	Post-installation Operation
<ul style="list-style-type: none">• Power Steering Fluid Draining (Refer to GROUP 37, On-vehicle Service – Fluid Replacement P.37-20).• Air Bag Module and Steering Wheel Assembly Removal (Refer to GROUP 37, Steering Wheel P.37-24).• Clock Spring Removal (Refer to GROUP 52B, Air Bag Module and Clock Spring P.52B-408).• Floor Console Assembly Removal (Refer to GROUP 52A, Floor Console Assembly P.52A-22).• Front Scuff Plate (LH) and Cowl Side Trim (LH) Removal (Refer to GROUP 52A, Trims P.52A-23).• Trunk Lid Release Handle Cover Removal (Refer to GROUP 42, Trunk Lid P.42-62).• Accelerator Stopper Removal (Refer to GROUP 17, Accelerator Pedal P.17-8).• Front Floor Carpet Removal• Centermember Removal (Refer to P.32-7).	<ul style="list-style-type: none">• Centermember Installation (Refer to P.32-7).• Front Floor Carpet Installation• Accelerator Stopper Installation (Refer to GROUP 17, Accelerator Pedal P.17-8).• Trunk Lid Release Handle Cover Installation (Refer to GROUP 42, Trunk Lid P.42-62).• Front Scuff Plate (LH) and Cowl Side Trim (LH) Installation (Refer to GROUP 52A, Trims P.52A-23).• Floor Console Assembly Installation (Refer to GROUP 52A, Floor Console Assembly P.52A-22).• Clock Spring Installation (Refer to GROUP 52B, Air Bag Module and Clock Spring P.52B-408).• Steering Wheel Assembly and Air Bag Module Installation (Refer to GROUP 37, Steering Wheel P.37-24).• Check the dust cover for cracks or damage by pushing it with your finger.• Power Steering Fluid Supplying (Refer to GROUP 37, On-vehicle Service – Fluid Replacement P.37-20).• Power Steering Fluid Line Bleeding (Refer to GROUP 37, On-vehicle Service – Power Steering System Air Bleeding P.37-20).• Checking Steering Wheel Position with Wheels Straight Ahead.• Front Wheel Alignment Adjustment (Refer to GROUP 33, On-vehicle Service – Front Wheel Alignment Check and Adjustment P.33-6).



AC306938AB

REMOVAL STEPS

<<A>>

1. STEERING SHAFT PAD
2. STEERING COLUMN ASSEMBLY AND STEERING GEAR CONNECTION

<>

3. SELF-LOCKING NUTS (CONNECTION FOR TIE ROD END)
4. SELF-LOCKING NUTS (CONNECTION FOR LOWER ARM BALL JOINT)

REMOVAL STEPS (Continued)

5. LOWER ARM ASSEMBLY
6. STABILIZER LINK CONNECTION
7. RETURN TUBE CONNECTION
8. O-RING
9. PRESSURE HOSE CONNECTION
10. O-RING
11. PRESSURE HOSE CLAMP
12. SELF-LOCKING NUTS
13. SELF-LOCKING NUTS

>>D<<

REMOVAL STEPS (Continued)

<<D>> >>D<< 14. FRONT AXLE CROSSMEMBER
STAY

<<E>> >>C<< 15. ENGINE REAR ROLL STOPPER
BRACKET, POWER STEERING
GEAR AND LINKAGE,
STABILIZER BAR AND FRONT
AXLE NO.1 CROSSMEMBER
ASSEMBLY

>>B<< 16. ENGINE REAR ROLL STOPPER
BRACKET

>>B<< 17. POWER STEERING GEAR
BRACKET

18. STEERING GEAR AND LINKAGE
PROTECTOR

19. POWER STEERING GEAR AND
LINKAGE

>>A<< 20. STABILIZER BAR

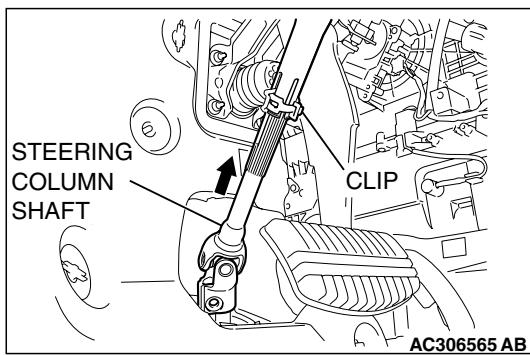
21. FRONT AXLE NO.1
CROSSMEMBER

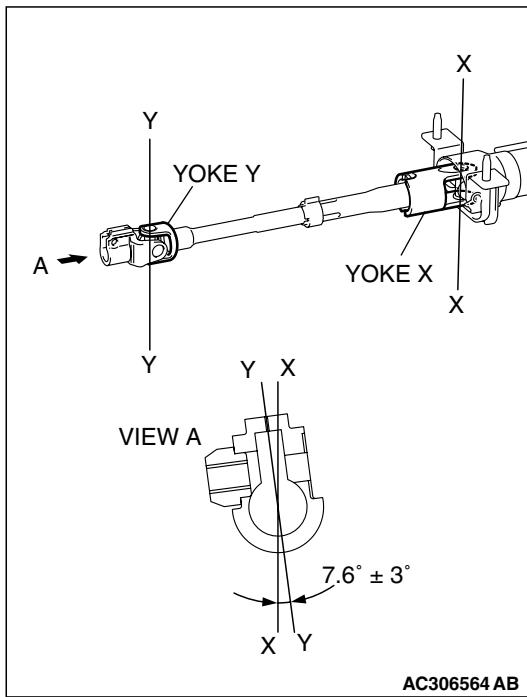
Required Special Tool:

- MB991897: Ball Joint Remover

REMOVAL SERVICE POINTS**<<A>> STEERING COLUMN ASSEMBLY AND STEERING
GEAR DISCONNECTION**

Pinch the steering column shaft clip with pliers, and pull up the shaft in the direction shown to disengage the steering column assembly.





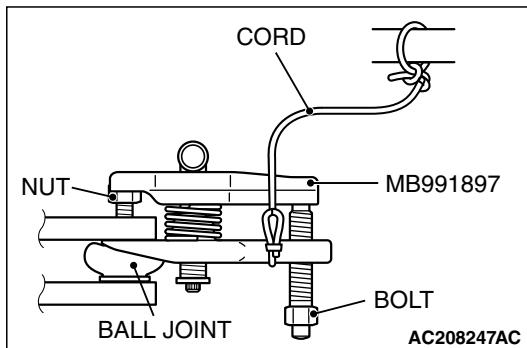
NOTE: If the steering column shaft is removed accidentally, remove the steering column assembly and be sure to insert the steering column shaft into the steering column as shown in the figure.

<> SELF-LOCKING NUTS (CONNECTION FOR TIE ROD END AND LOWER ARM BALL JOINT) REMOVAL

⚠ CAUTION

- Do not remove the nut from ball joint. Loosen it and use special tool MB991897 to avoid possible damage to ball joint threads.
- Hang special tool MB991897 with a cord to prevent it from falling.

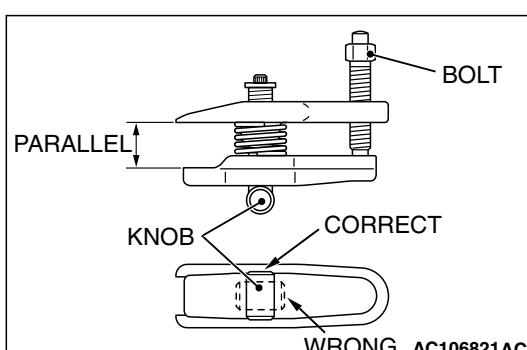
1. Replace the self-locking nut for lower arm ball joint with a regular nut, because the original one is a little bit large to install special tool MB991897. Install special tool MB991897 as shown in the figure.

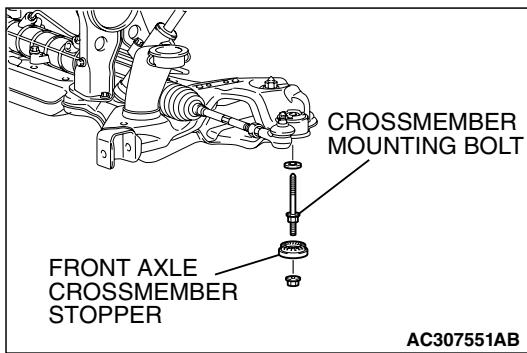


2. Turn the bolt and knob as necessary to make the jaws of special tool parallel, tighten the bolt by hand and confirm that the jaws are still parallel.

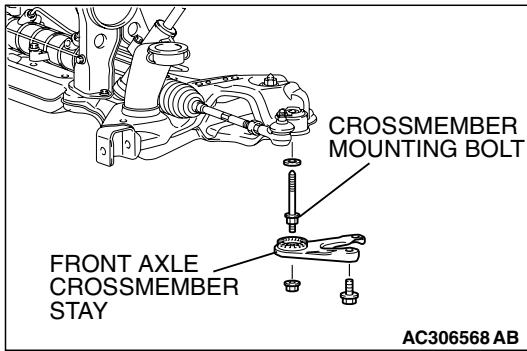
NOTE: When adjusting the jaws in parallel, make sure the knob is in the position shown in the figure.

3. Tighten the bolt with a wrench to disconnect the lower arm ball joint, tie rod end and remove the self-locking nut.

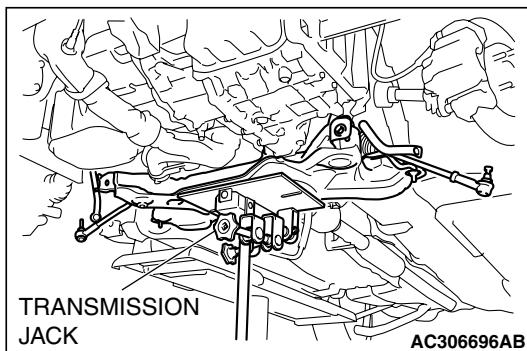


**<<C>> FRONT AXLE CROSSMEMBER STOPPER
REMOVAL**

The crossmember mounting bolts need not be unscrewed when the front axle crossmember stopper is replaced. However, the bolts may become loosened when the front axle crossmember stopper is removed. Retighten the bolts to 180 ± 20 N·m (133 \pm 15 ft-lb).

**<<D>> FRONT AXLE CROSSMEMBER STAY REMOVAL**

The crossmember mounting bolts need not be unscrewed when the front axle crossmember stay is replaced. However, the bolts may become loosened when the front axle crossmember stay is removed. Retighten the bolts to 180 ± 20 N·m (133 \pm 15 ft-lb).

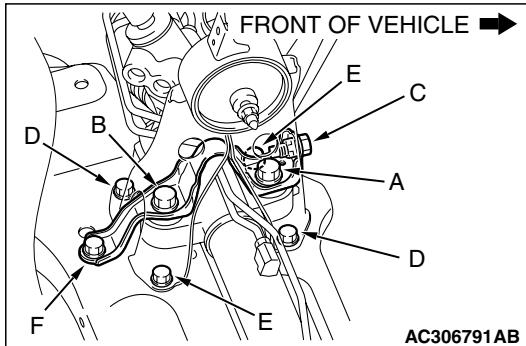
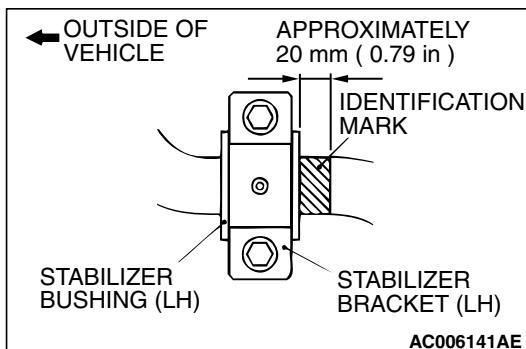
**<<E>> ENGINE REAR ROLL STOPPER BRACKET, POWER
STEERING GEAR AND LINKAGE, STABILIZER BAR AND
FRONT AXLE NO.1 CROSSMEMBER ASSEMBLY
REMOVAL**

Support the front axle number 1 crossmember with a transmission jack, and then remove the crossmember mounting nuts and bolts.

INSTALLATION SERVICE POINTS

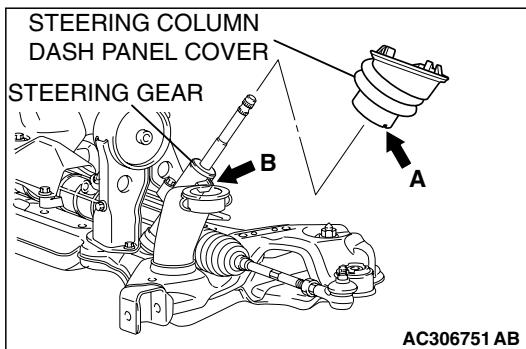
>>A<< STABILIZER BAR INSTALLATION

Align the stabilizer bar identification mark with the right end of the bushing (LH).

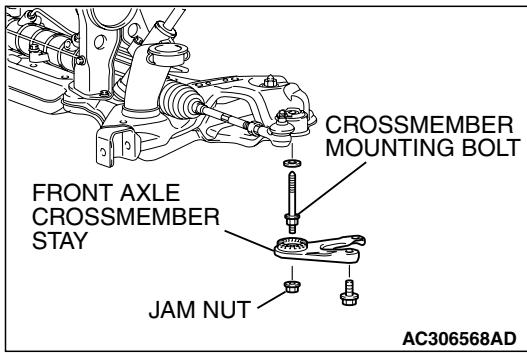
>>B<< POWER STEERING GEAR BRACKET/ENGINE
REAR ROLL STOPPER BRACKET INSTALLATION

Tighten the bolts in the following sequence:

1. Tighten bolt A and then tighten bolt B.
2. Tighten bolts E finger tight.
3. Tighten bolt C and then tighten bolts D.
4. Tighten bolts E and then tighten bolt F.

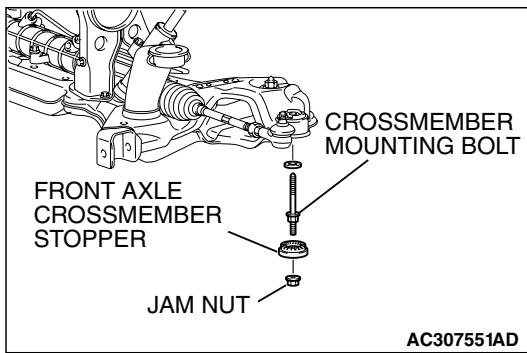
>>C<< ENGINE REAR ROLL STOPPER BRACKET, POWER
STEERING GEAR AND LINKAGE, STABILIZER BAR AND
FRONT AXLE NO.1 CROSSMEMBER ASSEMBLY
INSTALLATION

Align the steering column dash panel cover notch (arrow A) with the steering gear lug (arrow B), and install the engine rear roll stopper bracket, power steering gear and linkage, stabilizer bar and front axle number 1 crossmember assembly.



>>D<< FRONT AXLE CROSSMEMBER STAY/SELF-LOCKING NUTS INSTALLATION

Ensure that the crossmember mounting bolts have been tightened to 180 ± 20 N·m (133 ± 15 ft-lb), and then install the front crossmember stay with the self-locking nut.



>>E<< FRONT AXLE CROSSMEMBER STOPPER/SELF-LOCKING NUTS INSTALLATION

Ensure that the crossmember mounting bolts have been tightened to 180 ± 20 N·m (133 ± 15 ft-lb), and then install the front crossmember stopper with the self-locking nut.

INSPECTION

M1321003300194

- Check the crossmembers for cracks or damage.

SPECIFICATION(S)
FASTENER TIGHTENING SPECIFICATIONS

M1321004100450

ITEM	SPECIFICATION	
Crossmember		
Engine rear roll stopper bracket bolt and nut	58 ± 7 N·m (43 ± 5 ft-lb)	
Front axle crossmember stay bolt and nut <3.8L ENGINE>	83 ± 12 N·m (61 ± 9 ft-lb)	
Front axle crossmember stopper nut <2.4L ENGINE>	83 ± 12 N·m (61 ± 9 ft-lb)	
Front axle No.1 crossmember bolt and nut	180 ± 20 N·m (133 ± 15 ft-lb)	
Lower arm assembly bolt	165 ± 15 N·m (122 ± 11 ft-lb)	
Lower arm assembly nut (flange nut, jam)	M14	165 ± 15 N·m (122 ± 11 ft-lb)
Lower arm assembly nut (nut, jam)	M14	65 ± 6 N·m (48 ± 4 ft-lb)
Power steering gear and linkage bolt	83 ± 12 N·m (61 ± 9 ft-lb)	
Power steering gear bracket bolt	M10	58 ± 7 N·m (43 ± 5 ft-lb)
	M12	83 ± 12 N·m (61 ± 9 ft-lb)
Pressure hose clamp bolt and nut	12 ± 2 N·m (102 ± 22 in-lb)	

ITEM	SPECIFICATION	
Pressure hose nut		15 ± 3 N·m (11 ± 2 ft-lb)
Return tube clamp bolt and nut		12 ± 2 N·m (102 ± 22 in-lb)
Return tube nut		15 ± 3 N·m (11 ± 2 ft-lb)
Stabilizer bracket bolt		58 ± 7 N·m (43 ± 5 ft-lb)
Stabilizer link nut		48 ± 7 N·m (36 ± 5 ft-lb)
Steering column assembly bolt		18 ± 2 N·m (13 ± 2 ft-lb)
Steering gear and linkage protector bolt <3.8L ENGINE>		12 ± 2 N·m (102 ± 22 in-lb)
Tie rod end nut		29 ± 4 N·m (21 ± 3 ft-lb)
Engine mounting		
Engine front mounting bracket bolt	M10	58 ± 7 N·m (43 ± 5 ft-lb)
Engine front mounting bracket bolt and nut	M12	83 ± 12 N·m (61 ± 9 ft-lb)
Engine mounting stay bolt <3.8L ENGINE>		41 ± 6 N·m (31 ± 4 ft-lb)
Grounding cable bolt		9.0 ± 2.0 N·m (80 ± 17 in-lb)
Engine roll stopper and centermember		
Centermember bolt		83 ± 12 N·m (61 ± 9 ft-lb)
Engine front roll stopper bracket bolt and nut		58 ± 7 N·m (43 ± 5 ft-lb)
Engine rear roll stopper bracket bolt and nut		58 ± 7 N·m (43 ± 5 ft-lb)
Transaxle case rear roll stopper bracket bolt		90 ± 10 N·m (67 ± 7 ft-lb)
Transaxle mounting		
Transaxle mounting body side bracket nut (nut, flange)	M12	113 ± 12 N·m (83 ± 9 ft-lb)
Transaxle mounting body side bracket nut (nut, jam)	M12	58 ± 7 N·m (43 ± 5 ft-lb)