SERVICE BULLETIN

MITSUBISHI MOTORS

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CHANGE	ISSUE NO. : MSB-13EXML00-005	DATE : 2013-11-25
SUBJECT : REMOVAL & INSTALLATION OF STABILIZER BAR		<DESTINATION/MODEL> (G.EXP/GCC/EUR/MMNA/ USTP/MMAL/THAILAND) <M/Y> ALL
GROUP : GENERAL(Gr:00)		V80/V90/KA0T/KB0T/KH8W/HA3W

1. Description :

Please refer to the attached document for the information about the change of mention in the applicable service manual. (For well-known use of the hexagon wrench)

2. Affected destinations and models :

		EU	PAJERO (V80/V90) L200 (KA0T/KB0T) i-MiEV(HA3W)
G.EXP	PAJERO (V80/V90) L200/L200 SPORTERO/TRITON/ STRADA/STRADA SPORTERO(KA0T/KB0T) PAJERO SPORT/NATIVA/ MONTERO SPORT(KH8W) i-MiEV(HA3W)	GCC	PAJERO (V80/V90) L200/L200 SPORTERO/TRITON/ STRADA/STRADA SPORTERO (KA0T/KB0T) PAJERO SPORT/NATIVA/ MONTERO SPORT(KH8W)
MMAL	PAJERO (V80/V90) TRITON (KA0T/KB0T) i-MiEV (HA3W) PAJERO SPORT/NATIVA/ MONTERO SPORT (KH8W)	THAI	TRITON (KA0T/KB0T) PAJERO SPORT/NATIVA/ MONTERO SPORT (KH8W)
MMNA	i-MiEV (HA3W)	-	-

3. About the details : Please see the attached sheets

For overseas markets(except MMNA/USTP)

Applicable manual		Content
V80/V90	FRONT SUSPENSION	Attached sheet 2(1/8),(2/8)
	REAR SUSPENSION	Attached sheet 2(3/8),(4/8)
KA0T/KB0T/KH8W		Attached sheet 2(5/8),(6/8)
HA3W		Attached sheet 2(7/8),(8/8)

For overseas markets(MMNA/USTP)

Applicable manual	Content
HA3W	Attached sheet 3(1/3),(2/3),(3/3)

STABILIZER BAR

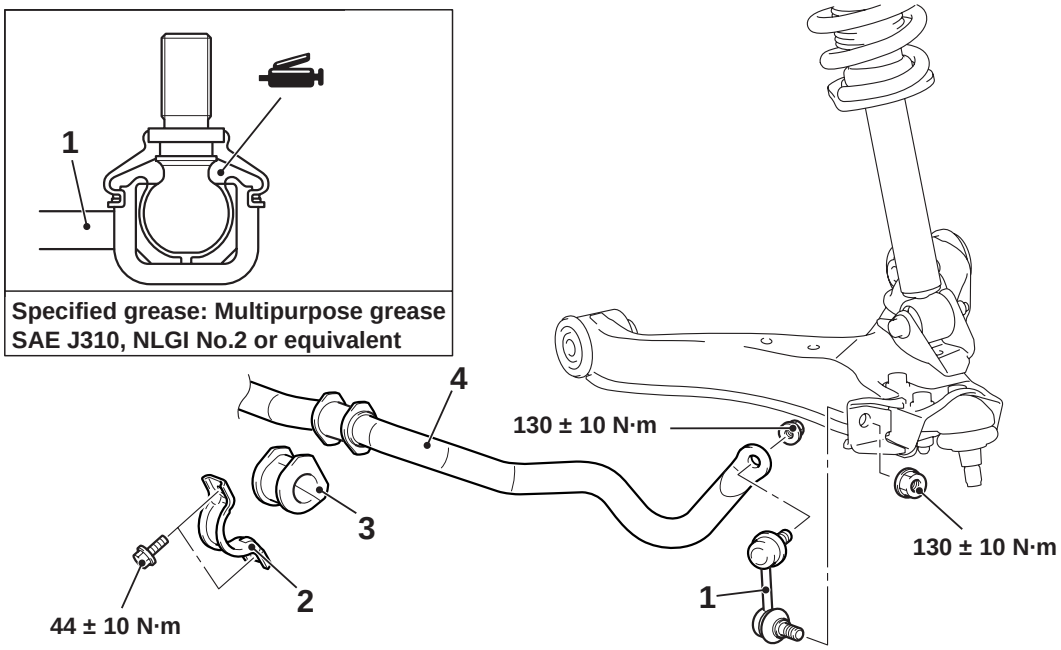
REMOVAL AND INSTALLATION

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⚠ CAUTION

When the suspension is adjusted or replaced, the calibration of steering wheel sensor must be performed (Refer to GROUP 35C– On-vehicle Service– Steering Wheel Sensor Initialisation).

Pre-removal Operation	Post-installation Operation
• Under Cover Removal (Refer to GROUP 51– Under Cover).	• Check the Dust Cover for Cracks or Damage by Pushing it with Your Finger. • Under Cover Installation (Refer to GROUP 51– Under Cover).



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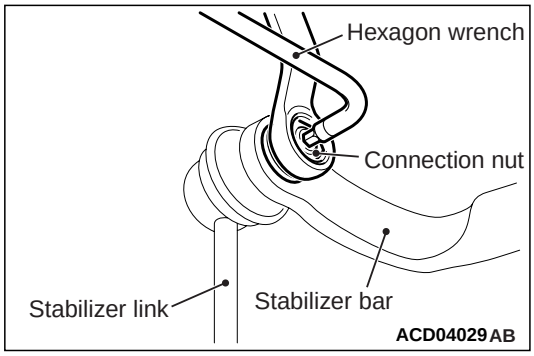
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			Removal steps
<<A>>	>>B<<	1.	Stabilizer link and stabilizer bar connection nut
<<B>>	>>C<<	2.	Stabilizer link and lower arm assembly connection nut
		1.	Stabilizer link assembly
		2.	Stabilizer clamp
	>>A<<	3.	Stabilizer bushing
		4.	Stabilizer bar

<Added>

REMOVAL SERVICE POINT

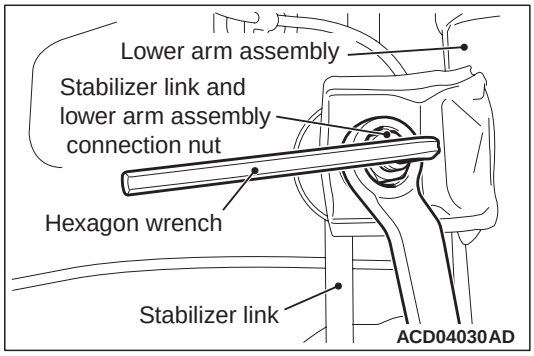
<<A>> STABILIZER LINK AND STABILIZER BAR CONNECTION NUT REMOVAL



Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to remove the nut securing the stabilizer link to the stabilizer bar.

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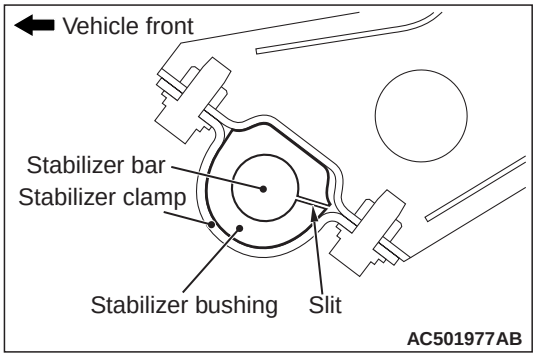
<<B>> STABILIZER LINK AND LOWER ARM ASSEMBLY CONNECTION NUT REMOVAL



Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to remove the nut securing the stabilizer link to the lower arm assembly.

INSTALLATION SERVICE POINT

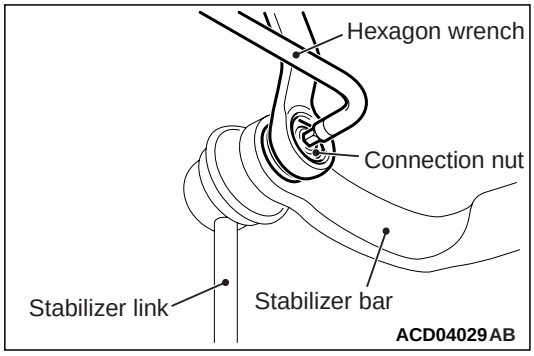
>>A<< STABILIZER BUSHING INSTALLATION



Install the bushing with its cut line located as shown in the figure.

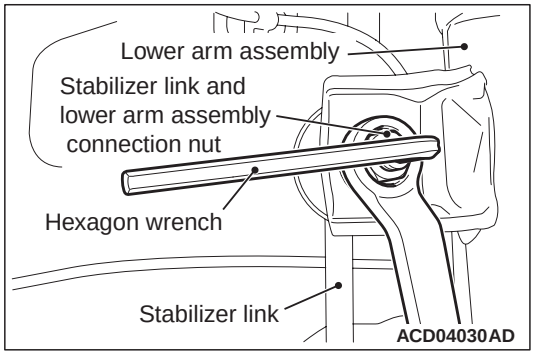
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>>B<< STABILIZER LINK AND STABILIZER BAR CONNECTION NUT INSTALLATION



Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to install the nut securing the stabilizer link to the stabilizer bar.

>>C<< STABILIZER LINK AND LOWER ARM ASSEMBLY CONNECTION NUT INSTALLATION



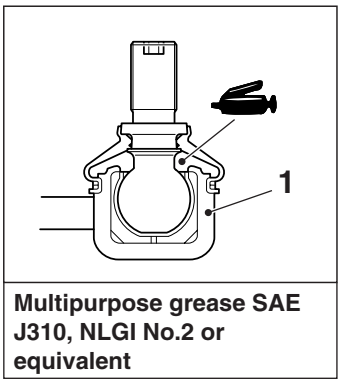
Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to install the nut securing the stabilizer link to the lower arm assembly.

STABILIZER BAR

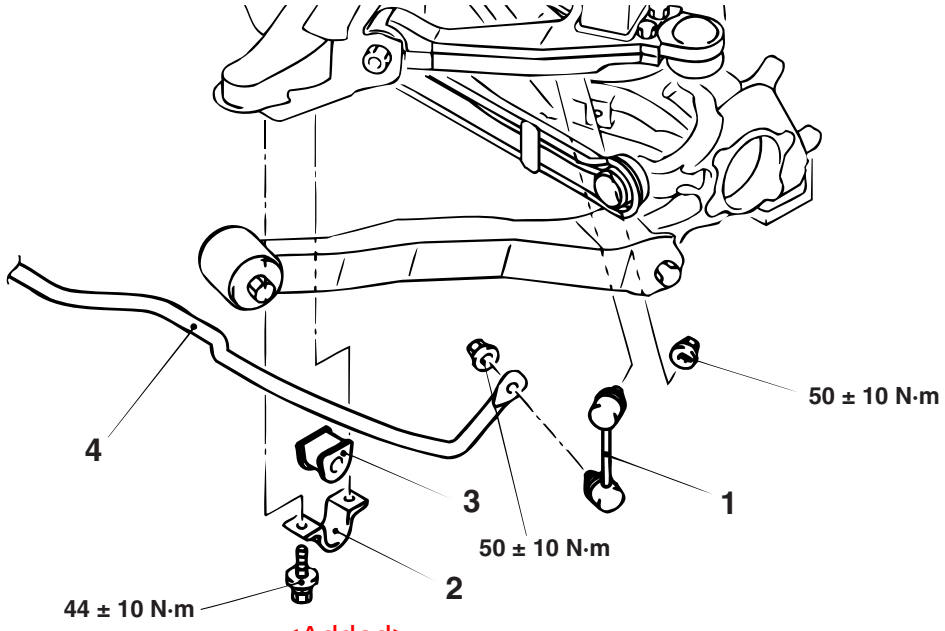
REMOVAL AND INSTALLATION

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Post-installation Operations
- Press the dust cover with your finger to check that there are no cracks or damage in the dust cover.



Multipurpose grease SAE J310, NLGI No.2 or equivalent



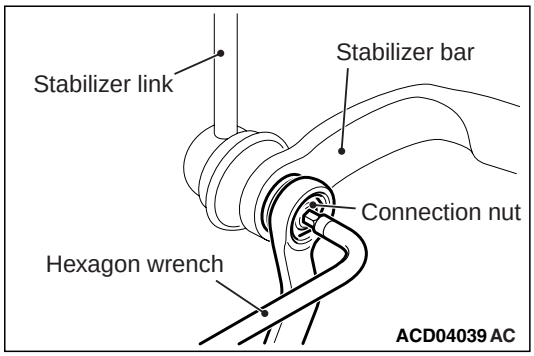
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<Added>

		Removal steps
<<A>>	>>B<<	1. Stabilizer link and stabilizer bar connection nut
<<B>>	>>C<<	2. Stabilizer link and upper arm connection nut
		1. Stabilizer link assembly
		2. Stabilizer clamp
	>>A<<	3. Bushing
<Added>		4. Stabilizer bar

REMOVAL SERVICE POINT

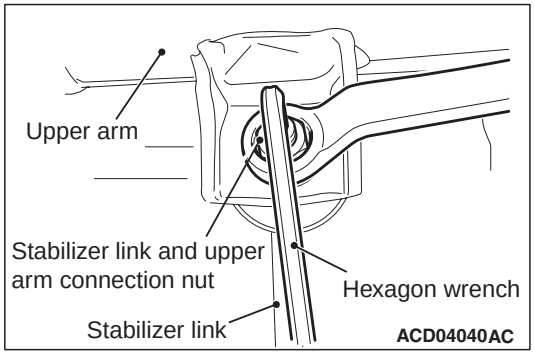
<<A>> STABILIZER LINK AND STABILIZER BAR CONNECTION NUT REMOVAL



<Added>

Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to remove the nut securing the stabilizer link to the stabilizer bar.

<<B>> STABILIZER LINK AND UPPER ARM CONNECTION NUT REMOVAL

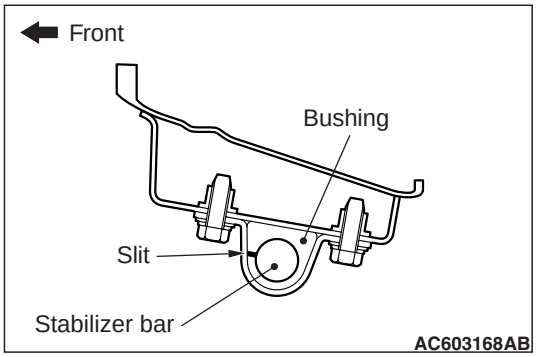


Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to remove the nut securing the stabilizer link to the upper arm.

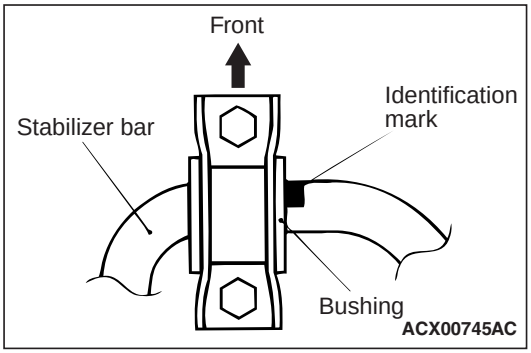
INSTALLATION SERVICE POINT

>>A<< BUSHING INSTALLATION

1. Install the stabilizer bar so that its identification mark faces the left side of the vehicle.



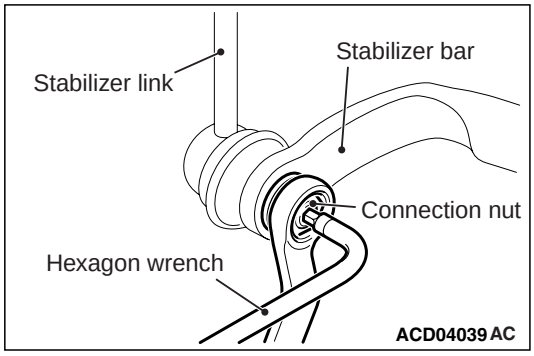
2. Install the bushing so that its slit faces the direction shown in the illustration.



3. Before tightening the mounting bolts, align the end of the identification mark with the end of the bushing.

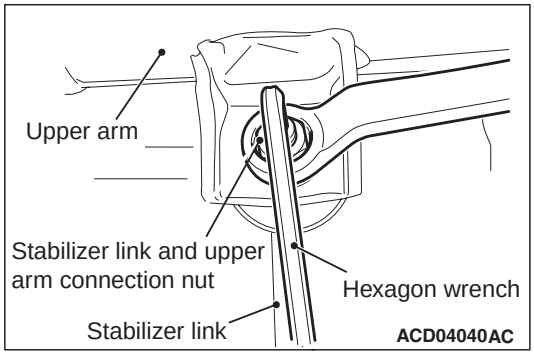
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>>B<< STABILIZER LINK AND STABILIZER BAR CONNECTION NUT INSTALLATION



Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to install the nut securing the stabilizer link to the stabilizer bar.

>>C<< STABILIZER LINK AND UPPER ARM CONNECTION NUT INSTALLATION



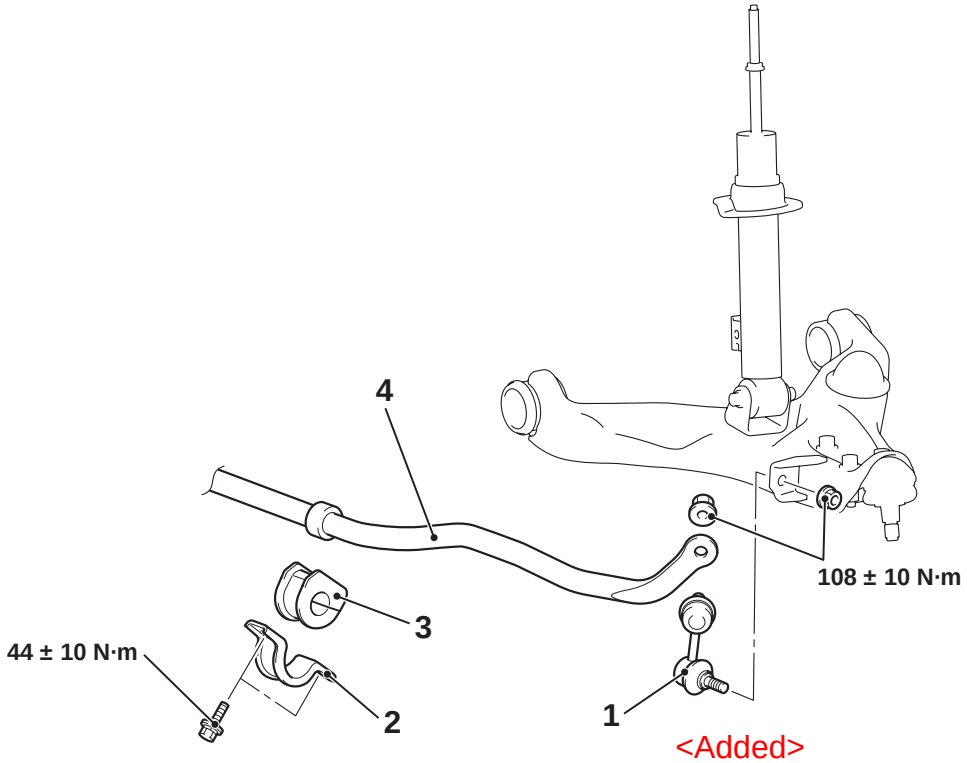
Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to install the nut securing the stabilizer link to the upper arm.

STABILIZER BAR

REMOVAL AND INSTALLATION

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Pre-removal Operation	Post-installation Operation
• Engine Room Under Cover (Refer to GROUP 51, Under Cover).	• Check the Dust Cover for Cracks or Damage by Pushing it with Finger. • Engine Room Under Cover (Refer to GROUP 51, Under Cover).



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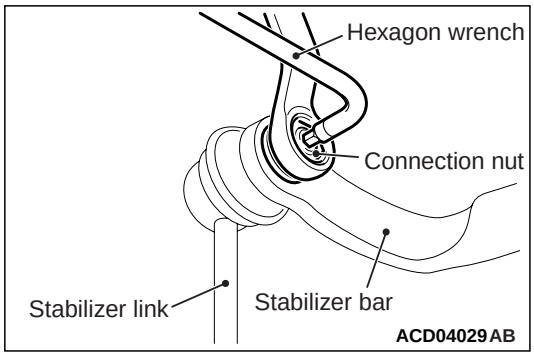
AC502730 AB

<Added>

			Removal steps
<<A>>	>>B<<	1.	Stabilizer link and stabilizer bar connection nut
<<B>>	>>C<<	2.	Stabilizer link and strut connection nut
		1.	Stabilizer link assembly
		2.	Stabilizer clamp
	>>A<<	3.	Stabilizer bushing
		4.	Stabilizer bar

REMOVAL SERVICE POINT

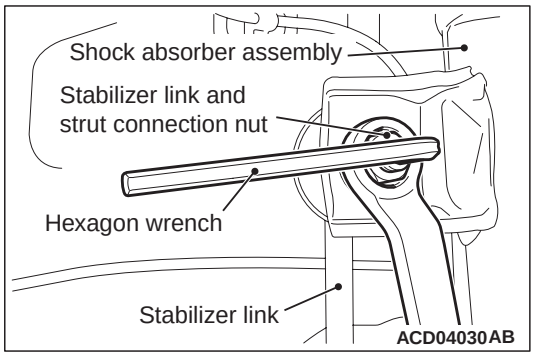
<<A>> STABILIZER LINK AND STABILIZER BAR CONNECTION NUT REMOVAL



Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to remove the nut securing the stabilizer link to the stabilizer bar.

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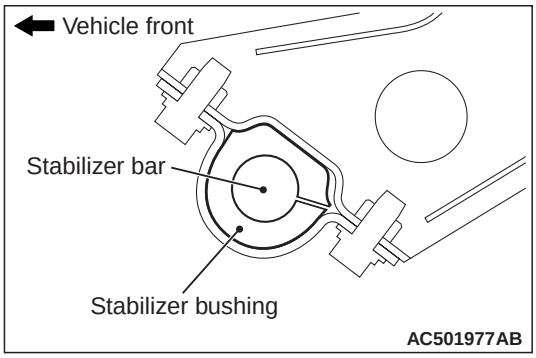
<<B>> STABILIZER LINK AND SHOCK ABSORBER ASSEMBLY CONNECTION NUT REMOVAL



Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to remove the nut securing the stabilizer link to the shock absorber assembly.

INSTALLATION SERVICE POINT

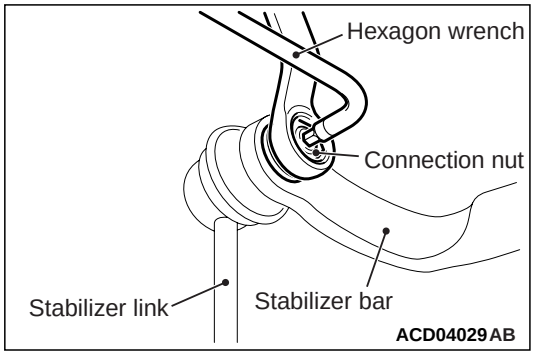
>>A<< STABILIZER BUSHING INSTALLATION



Install the bushing with its cut line located as shown in the figure.

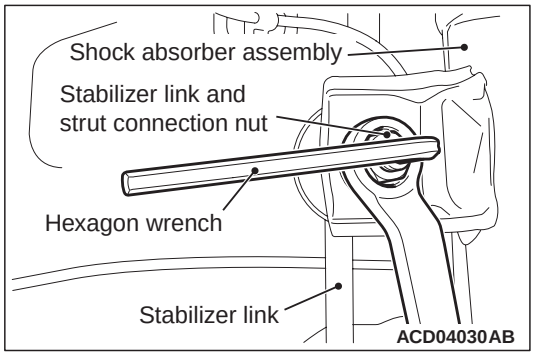
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>>B<< STABILIZER LINK AND STABILIZER BAR CONNECTION NUT INSTALLATION



Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to install the nut securing the stabilizer link to the stabilizer bar.

>>C<< STABILIZER LINK AND SHOCK ABSORBER ASSEMBLY CONNECTION NUT INSTALLATION



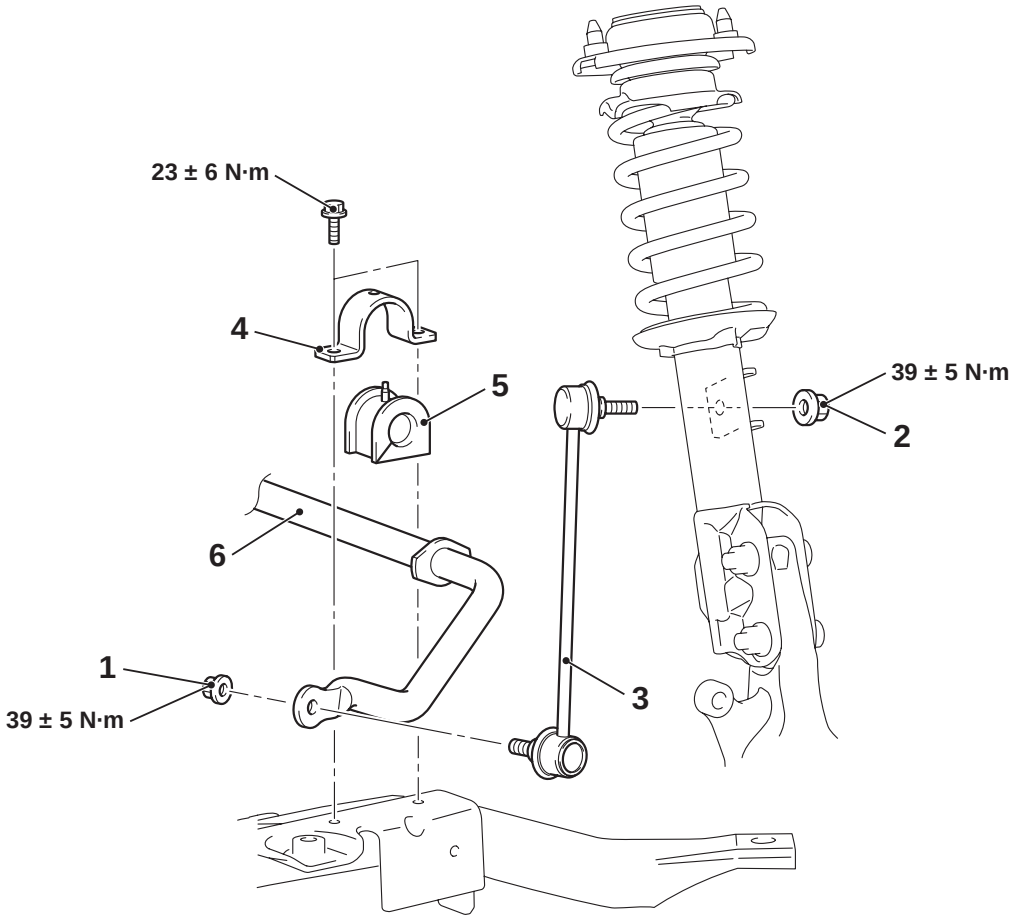
Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to install the nut securing the stabilizer link to the shock absorber assembly.

STABILIZER BAR

REMOVAL AND INSTALLATION

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Post-installation operation
- Wheel alignment check and adjustment



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<Added>

<<B>> >>B<<
<<C>> >>A<<

Stabilizer link removal steps
1. Stabilizer nut
2. Stabilizer nut
3. Stabilizer link

<Added>

<<B>> >>B<<

Stabilizer bushing removal steps
1. Stabilizer nut
4. Stabilizer bar bracket
5. Stabilizer bushing

<Added>

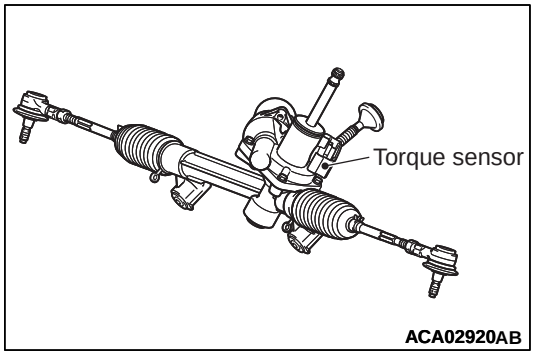
<<B>> >>B<<

Stabilizer bar removal steps
1. Stabilizer nut
4. Stabilizer bar bracket
5. Stabilizer bushing
6. Stabilizer bar

<<A>>

REMOVAL SERVICE POINTS

<<A>> STABILIZER BAR REMOVAL



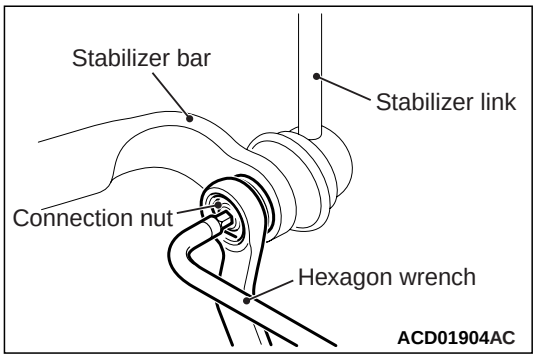
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⚠ CAUTION

When removing and installing the stabilizer bar, be careful not to hit it against the torque sensor for power steering.

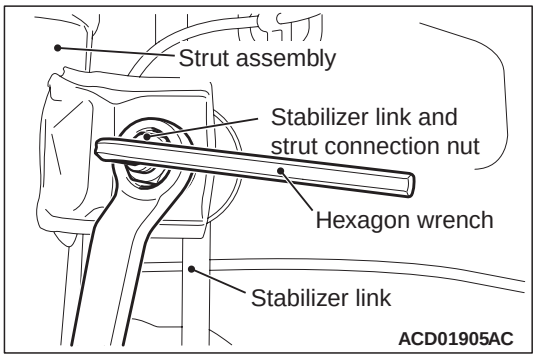
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<<B>> STABILIZER NUT REMOVAL



Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to remove the nut securing the stabilizer link to the stabilizer bar.

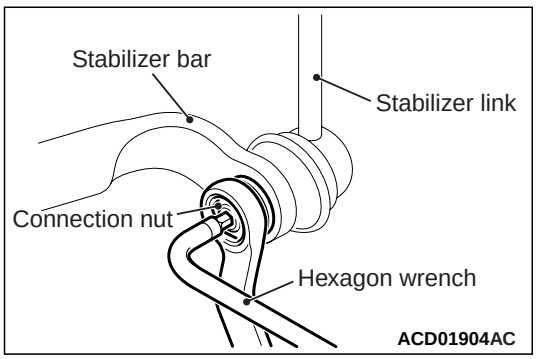
<<C>> STABILIZER NUT REMOVAL



Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to remove the nut securing the stabilizer link to the strut.

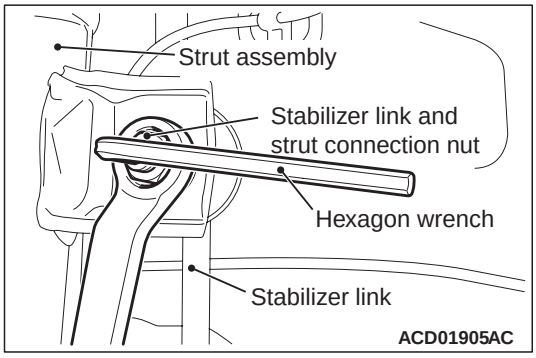
INSTALLATION SERVICE POINTS

>>A<< STABILIZER NUT INSTALLATION



Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to install the nut securing the stabilizer link to the stabilizer bar.

>>B<< STABILIZER NUT INSTALLATION



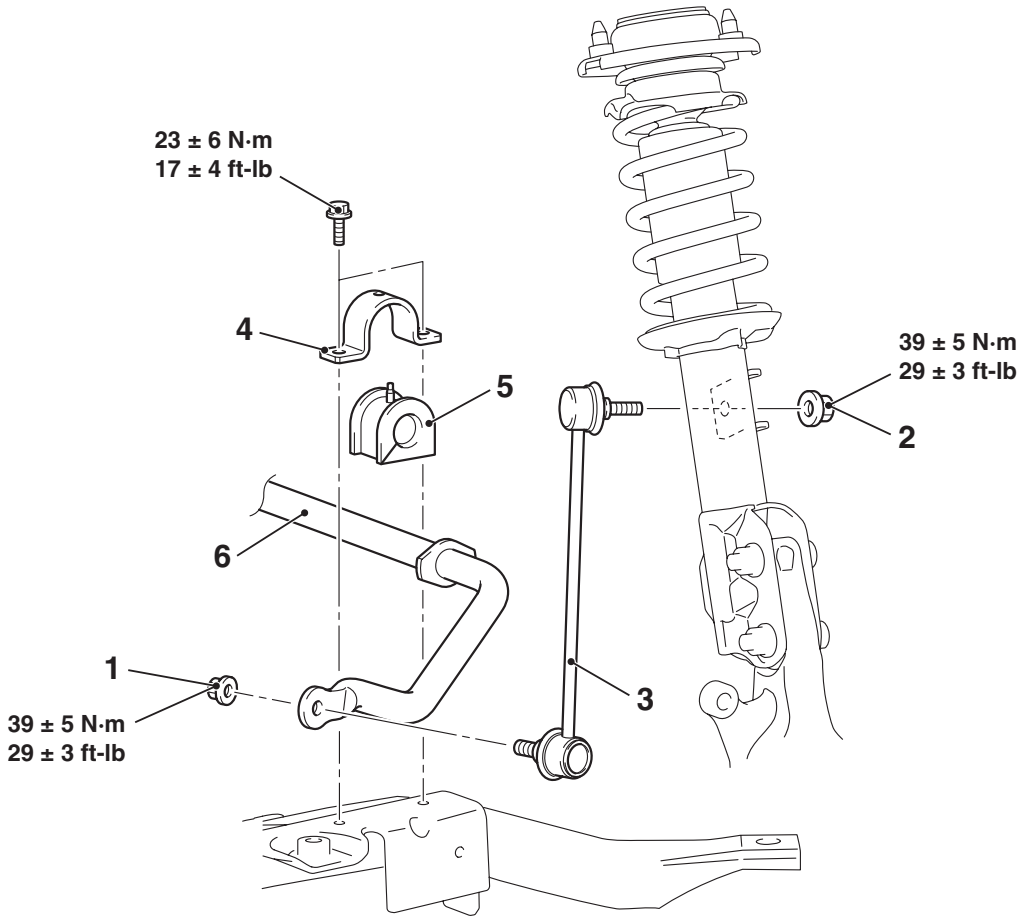
Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to install the nut securing the stabilizer link to the strut.

STABILIZER BAR

REMOVAL AND INSTALLATION

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Post-installation operation
- Front wheel alignment check and adjustment



AC706335AB

<Added>

<<B>> >>C<<
<<C>> >>D<<

<Added>

<<B>> >>C<<

Stabilizer link removal steps
1. Stabilizer nut
2. Stabilizer nut
3. Stabilizer link

Stabilizer bushing removal steps
1. Stabilizer nut
4. Stabilizer bar bracket
5. Stabilizer bushing

<Added>

<<B>> >>C<<

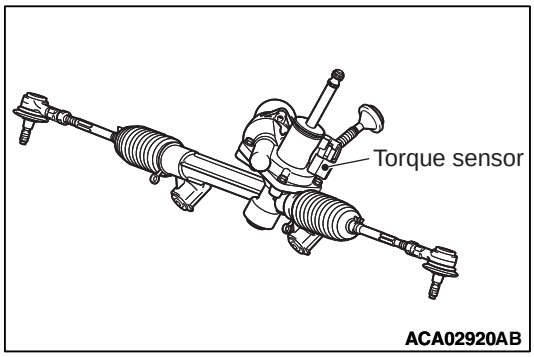
<<A>>

Stabilizer bar removal steps
1. Stabilizer nut
4. Stabilizer bar bracket
5. Stabilizer bushing
6. Stabilizer bar

REMOVAL SERVICE POINTS

<<A>> STABILIZER BAR REMOVAL

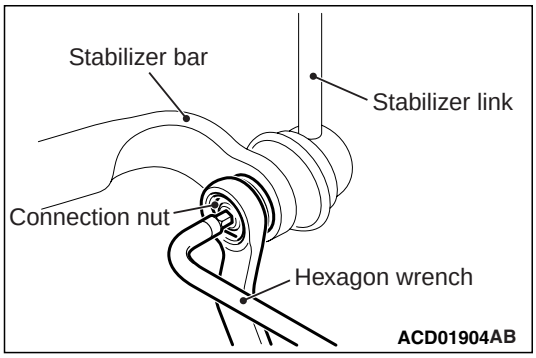
⚠ CAUTION
When removing and installing the stabilizer bar, be careful not to hit it against the torque sensor for power steering.



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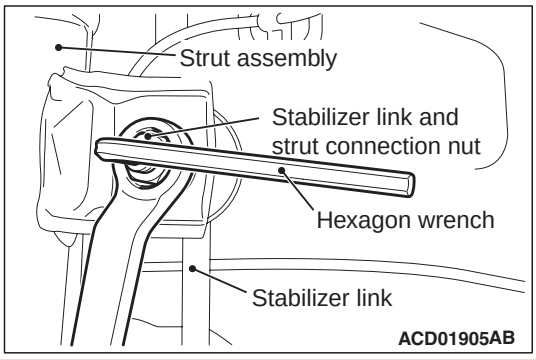
<<B>> STABILIZER NUT REMOVAL

Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to remove the nut securing the stabilizer link to the stabilizer bar.



<<C>> STABILIZER NUT REMOVAL

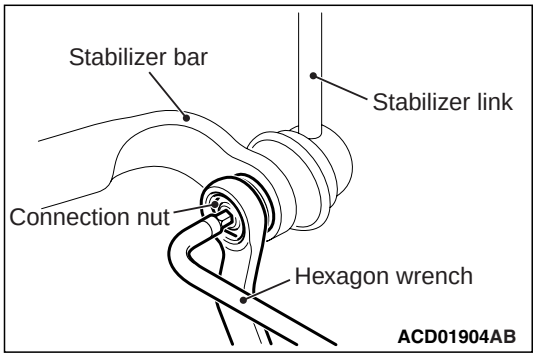
Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to remove the nut securing the stabilizer link to the strut.



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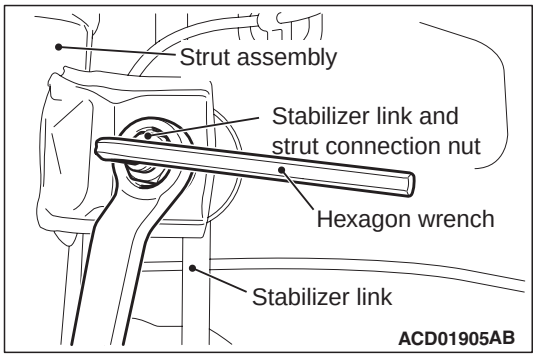
INSTALLATION SERVICE POINTS

>>A<< STABILIZER NUT INSTALLATION



Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to install the nut securing the stabilizer link to the stabilizer bar.

>>B<< STABILIZER NUT INSTALLATION



Use a hexagon wrench to counterhold the stabilizer link as shown. Then use a wrench to install the nut securing the stabilizer link to the strut.