SERVICE BULLETIN

MITSUBISHI MOTORS

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CHANGE	ISSUE NO. : MSB-15EXML34-002	DATE : 2015-07-03
SUBJECT : Deletion of the description about the installation point for the shock absorber assembly		<DESTINATION/MODEL> (As per attached sheet 1) <M/Y> 11-16
GROUP : Gr:34(Rear suspention)		

1. Description :

Please refer to the attached document for the information about the change of mention in the applicable service manual.

2. Affected service manuals :

Please refer to the attached document (Attached sheet 1)

3. About the details :

Please refer to the attached document (Attached sheet 3-6)

＜For overseas market＞

Except MMNA: Refer to attached sheet 3 and 4.

MMNA: Refer to Attached sheet 5 and 6

4. Effective time : From the initial vehicles.

Attached sheet 1

<EU / RUSSIA>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Contents
2012 ASX Workshop manual	CGWE12E1-CD (ENG) CGWF12E1-CD (FRE) CGWG12E1-CD (GER) CGWS12E1-CD (SPA) CGWI12E1-CD (ITA) RUSSIA:N/A	Shock absorber assembly removal and installation (M341-00-250-89600-01)	Attached sheet 3
2013 LANCER/ LANCER SPORTBACK Workshop manual	CCAE13E1-CD (ENG) CCAF13E1-CD (FRE) CCAG13E1-CD (GER) CCAS13E1-CD (SPA) CCAI13E1-CD (ITA) RUSSIA:N/A	Shock absorber assembly removal and installation (M341-00-250-65802-01)	
2014 LANCER/ LANCER SPORTBACK Workshop manual	CCAE14E1-CD (ENG) CCAF14E1-CD (FRE) CCAG14E1-CD (GER) CCAS14E1-CD (SPA) CCAI14E1-CD (ITA) RUSSIA:N/A	Shock absorber assembly removal and installation (M341-00-250-65802-01)	
2015 LANCER/ LANCER SPORTBACK Workshop manual	CCAE15E1-CD (ENG) CCAF15E1-CD (FRE) CCAG15E1-CD (GER) CCAS15E1-CD (SPA) CCAI15E1-CD (ITA) RUSSIA:N/A	Shock absorber assembly removal and installation (M341-00-250-65803-01)	
2013 OUTLANDER Workshop manual	CGFE13E1-CD (ENG) CGFF13E1-CD (FRE) CGFG13E1-CD (GER) CGFS13E1-CD (SPA) CGFI13E1-CD (ITA) RUSSIA:N/A	Shock absorber assembly removal and installation (M341-00-251-02600-01)	Attached sheet 4
2014 OUTLANDER/ OUTLANDER PHEV Workshop manual	CGFE14E2-CD (ENG) CGFF14E2-CD (FRE) CGFG14E2-CD (GER) CGFS14E2-CD (SPA) CGFI14E2-CD (ITA) RUSSIA:N/A	Shock absorber assembly removal and installation (M341-00-251-04801-01)	
2014.5 OUTLANDER/ OUTLANDER PHEV Workshop manual	CGFE14E3-CD (ENG) CGFF14E3-CD (FRE) CGFG14E3-CD (GER) CGFS14E3-CD (SPA) CGFI14E3-CD (ITA) RUSSIA:N/A	Shock absorber assembly removal and installation (M341-00-251-05900-01)	

<RUSSIA / SOUTH AFRICA / ARGENTINA>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2016 OUTLANDER Workshop manual	RUSSIA:N/A SOUTH AFRICA/ATGENTINA: DRAFT	Shock absorber assembly removal and installation (M341-00-251-05901-01)	Attached sheet 4

Attached sheet 1

<GENERAL EXPORT / GCC>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Contents
2011 LANCER/ LANCER EX Workshop manual	PWME1010R (ENG) PWMS1011R (SPA)	Shock absorber assembly removal and installation (M341-00-250-76600-01)	Attached sheet 3
2012 LANCER/ LANCER EX Workshop manual	PWME1111R (ENG) PWMS1112R (SPA)	Shock absorber assembly removal and installation (M341-00-250-76600-01)	
2013 LANCER/ LANCER EX Workshop manual	PWME1202R (ENG) PWMS1203R (SPA)	Shock absorber assembly removal and installation (M341-00-250-76600-01)	
2015 LANCER/ LANCER EX Workshop manual	PWME1403R (ENG) PWMS1404R (SPA)	Shock absorber assembly removal and installation (M341-00-250-76600-01)	
2012 OUTLANDER SPORT/ASX Workshop manual	PWPE1107R (ENG) PWPS1108R (SPA)	Shock absorber assembly removal and installation (M341-00-250-90400-01)	
2014 OUTLANDER Workshop manual	PWRE1303R (ENG) PWRS1304R (SPA)	Shock absorber assembly removal and installation (M341-00-251-02600-01)	Attached sheet 4
2016 OUTLANDER Workshop manual	PWRE1504R (ENG) PWRS1505R (SPA)	Shock absorber assembly removal and installation (M341-00-251-02600-01)	

<EU/RUSSIA/GENERAL EXPORT / GCC / AUSTRALIA / NEW ZEALAND>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2012 PEUGEOT 4008/ CITROEN C4 AIRCROSS Workshop manual	N/A AUSTRALIA: NEW ZEALAND:DRAFT	Shock absorber assembly removal and installation (M341-00-250-89600-01)	Attached sheet 3

Attached sheet 1

<AUSTRALIA / NEW ZEALAND>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Contents
2013 LANCER Workshop manual	MMAL: AU900298 NZ: DRAFT	Shock absorber assembly removal and installation (M341-00-250-76600-01)	Attached sheet 3
2015 LANCER/ Workshop manual	MMAL: AU900420 NZ: DRAFT	Shock absorber assembly removal and installation (M341-00-250-76600-01)	
2013 LANCER SPORTBACK Workshop manual	MMAL:AU900299 NZ: DRAFT	Shock absorber assembly removal and installation (M341-00-250-76600-01)	
2015 LANCER SPORTBACK Workshop manual	MMAL: AU900421 NZ: DRAFT	Shock absorber assembly removal and installation (M341-00-250-76600-01)	
2013 OUTLANDER Workshop manual	MMAL: AU900304 NZ: DRAFT	Shock absorber assembly removal and installation (M341-00-251-02600-01)	Attached sheet 4
2014 OUTLANDER PHEV Workshop manual	MMAL: AU900408 NZ: DRAFT	Shock absorber assembly removal and installation (M341-00-251-02600-01)	
2014 OUTLANDER Workshop manual	MMAL: AU900428 NZ: DRAFT	Shock absorber assembly removal and installation (M341-00-251-02600-01)	
2015 OUTLANDER Workshop manual	MMAL: AU900424 NZ: DRAFT	Shock absorber assembly removal and installation (M341-00-251-02600-01)	
2016 OUTLANDER Workshop manual	MMAL: AU900424 NZ: DRAFT	Shock absorber assembly removal and installation (M341-00-251-02600-01)	

<CHINA>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2013 OUTLANDER Workshop manual	DRAFT	Shock absorber assembly removal and installation (M341-00-251-02600-01)	Attached sheet 4

Attached sheet 1

<MMNA>

Applicable manual	Pub. No.	Applicable title (INFO ID)	Contents
2013 LANCER/ LANCER SPORTBACK Service manual	MSCD-106B-2013	Shock absorber assembly removal and installation (M341-00-250-97101-01)	Attached sheet 5
2014 LANCER/ LANCER SPORTBACK Service manual	MSCD-106B-2014	Shock absorber assembly removal and installation (M341-00-250-97103-01)	
2015 LANCER/ LANCER SPORTBACK Service manual	MSCD-106B-2015	Shock absorber assembly removal and installation (M341-00-250-97103-01)	
2014 OUTLANDER Service manual	MSCD-007B-2014	Shock absorber assembly removal and installation (M341-00-251-02601-01)	Attached sheet 6
2015 OUTLANDER Service manual	MSCD-007B-2015	Shock absorber assembly removal and installation (M341-00-251-02601-01)	

SHOCK ABSORBER ASSEMBLY

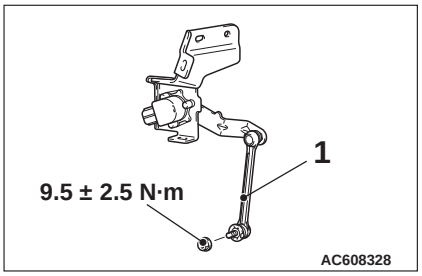
REMOVAL AND INSTALLATION

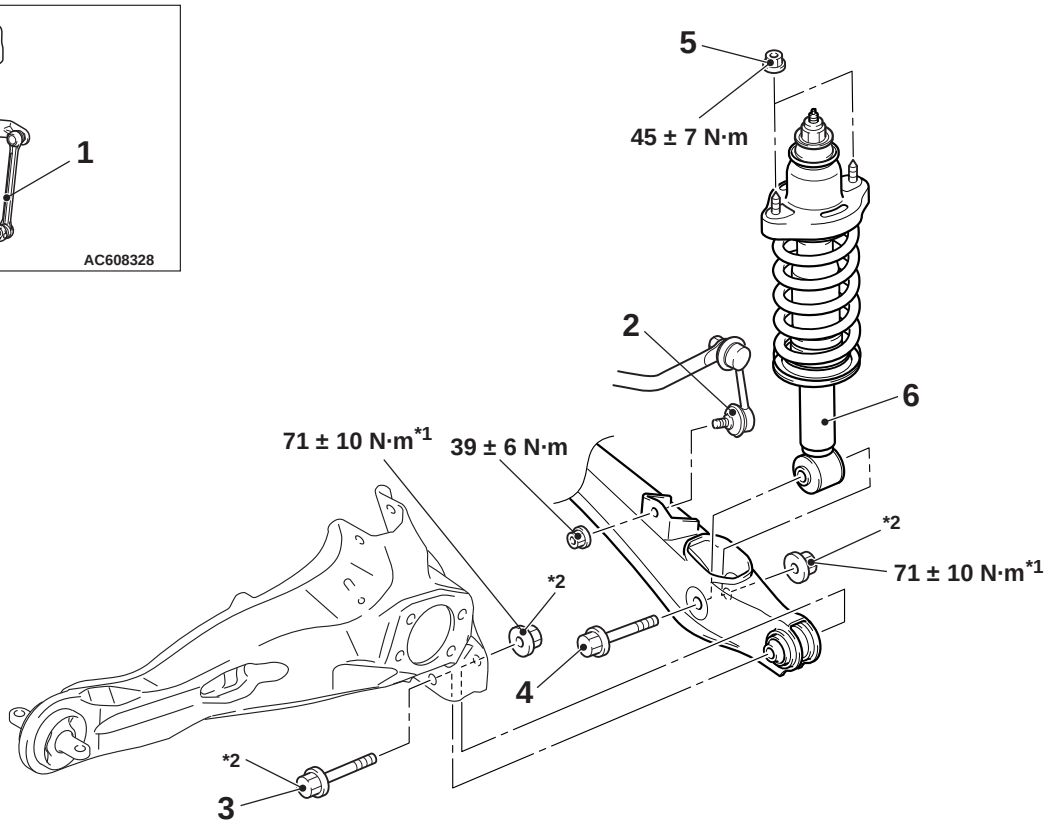
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⚠ CAUTION

- **The parts indicated by *1 should be temporarily tightened, and then fully tightened with the vehicle standing on the ground and the curb weight condition.**
- **The parts indicated by *2 are the bolts/nuts with friction coefficient stabilizer. In removal, ensure there is no damage, clean dust and soiling from the bearing and thread surfaces, and tighten them to the specified torque.**

Pre-removal operation	Post-installation operation
• Trunk Side Trim Removal (Refer to GROUP 52A – Trim .)	• Using your fingers, press the Ball Joint Dust Cover to check for a crack or damage. • Trunk Side Trim Installation (Refer to GROUP 52A – Trim .) • Check the beam direction of the headlamp (Low beam) (Refer to GROUP 54A – Headlamp Aiming).





Removal steps

1. Rear height sensor to control link connection <Vehicles with headlamp automatic levelling system>

<<A>> >>B<< 2. Stabilizer link connection

<<B>> 3. Lower arm and trailing arm connection

<<B>> 4. Shock absorber and lower arm connection

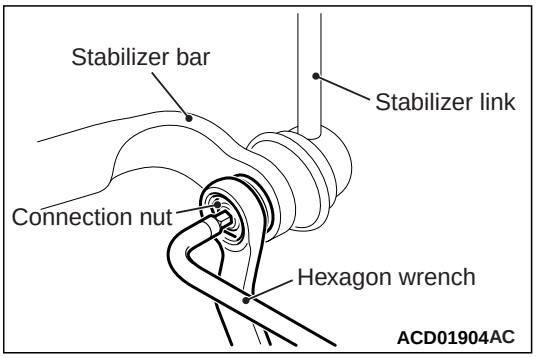
5. Shock absorber mounting nut

<<C>> ~~>>A<<~~ 6. Shock absorber assembly

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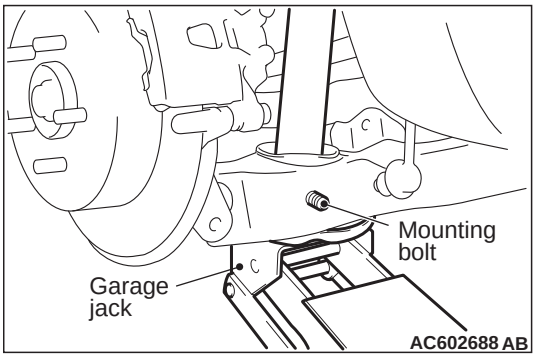
REMOVAL SERVICE POINT

<<A>> STABILIZER LINK CONNECTION 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.

<<B>> LOWER ARM AND TRAILING ARM/SHOCK ABSORBER AND LOWER ARM DISCONNECTION



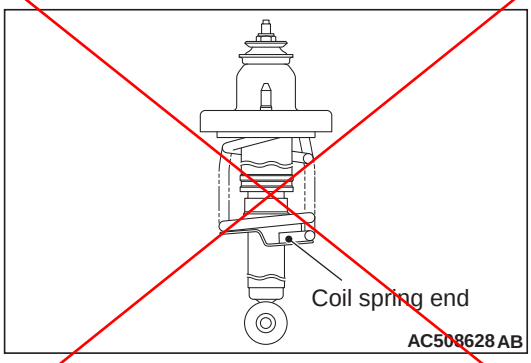
While jacking-up the lower arm with garage jack, remove the mounting bolts.

<<C>> SHOCK ABSORBER ASSEMBLY REMOVAL

After having loosened the lower arm and rear suspension crossmember connection, remove the shock absorber assembly.

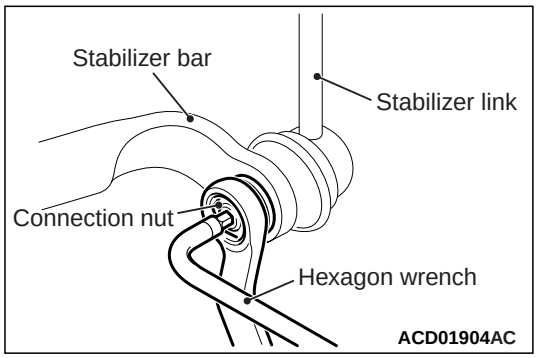
INSTALLATION SERVICE POINT <Deleted>

>>A<< SHOCK ABSORBER ASSEMBLY INSTALLATION



Install the shock absorber assembly so that the coil spring end faces the rear of the vehicle <LH>, or the coil spring end faces the front of the vehicle <RH>.

>>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.

INSPECTION

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- Check the rubber parts for cracks and wear.
- Check the shock absorber for malfunctions, oil leakage, or abnormal noise.

SHOCK ABSORBER ASSEMBLY

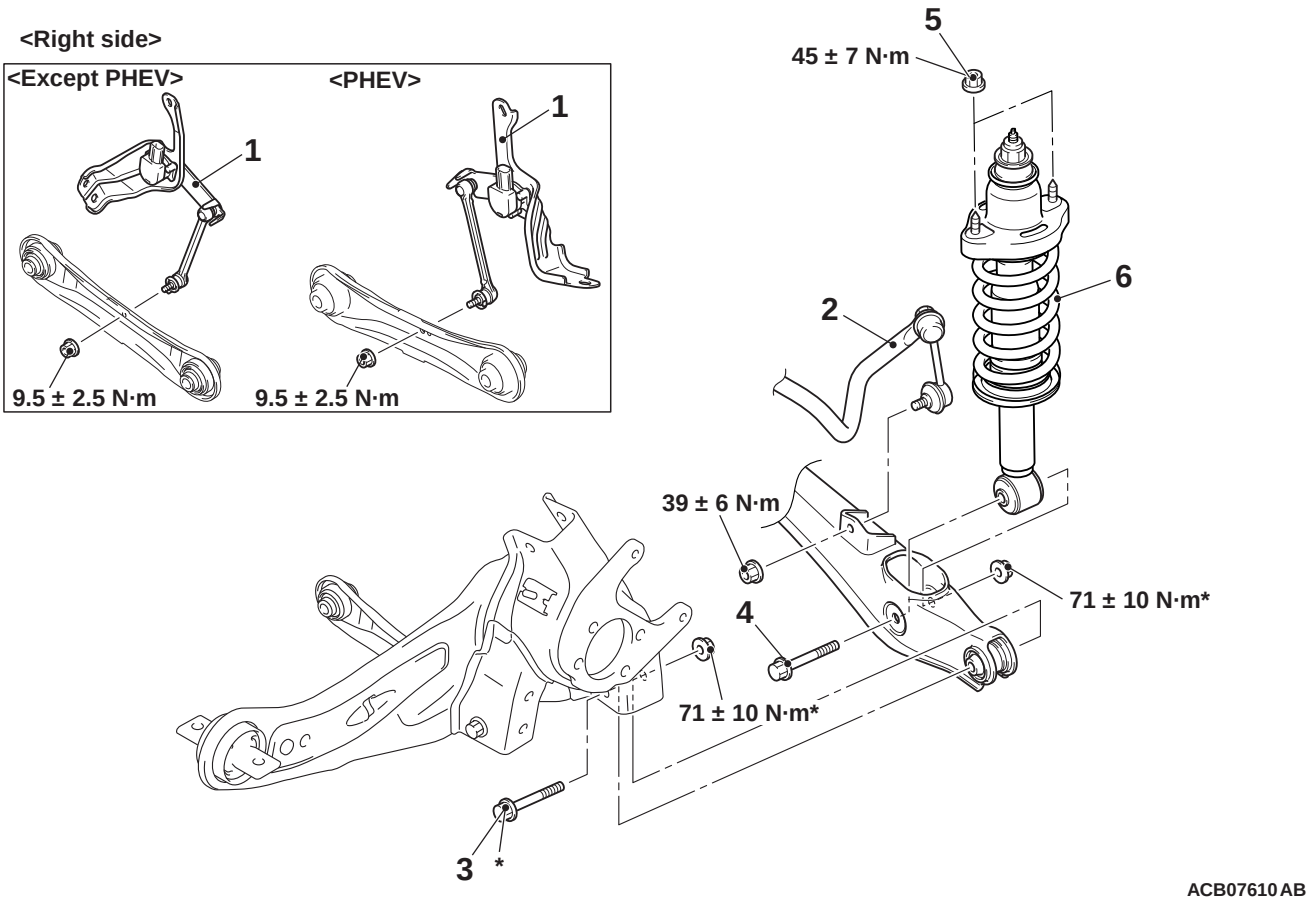
REMOVAL AND INSTALLATION

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⚠ CAUTION

The parts indicated by * are the bolts/nuts with friction coefficient stabilizer. Prior to reinstallation, ensure there is no damage, clean dust and soiling from the bearing and thread surfaces, and tighten them to the specified torque.

Pre-removal operation	Post-installation operation
Quarter trim tray removal (Refer to GROUP 52A – Interior Trim <Except PHEV>, <PHEV>).	• Quarter trim tray installation (Refer to GROUP 52A – Interior Trim <Except PHEV>, <PHEV>). • Check the dust cover for cracks or damage by pushing it with your finger. • Check the beam direction of the headlamp (Low beam) (Refer to GROUP 54A – Headlamp Aiming).



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Removal steps

1. Rear height sensor to control link connection <Vehicles with headlamp automatic levelling system>

<<A>> >>B<< 2. Stabilizer link connection

<<B>> 3. Lower arm and trailing arm connection

<<B>> 4. Shock absorber and lower arm connection

5. Shock absorber mounting nut

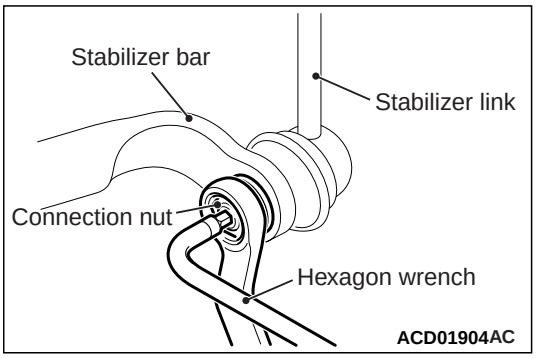
<<C>> ~~>>A<<~~ 6. Shock absorber assembly

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Removal steps (Continued)

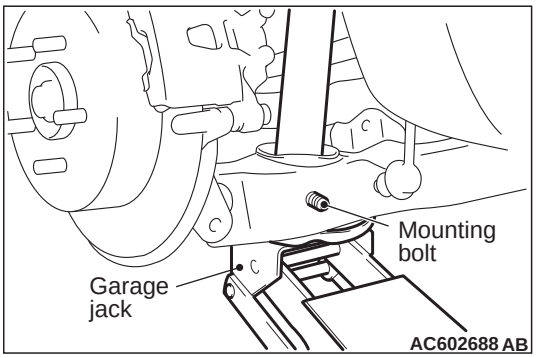
REMOVAL SERVICE POINTS

<<A>> STABILIZER LINK CONNECTION 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.

<<B>> LOWER ARM AND TRAILING ARM/SHOCK ABSORBER AND LOWER ARM DISCONNECTION



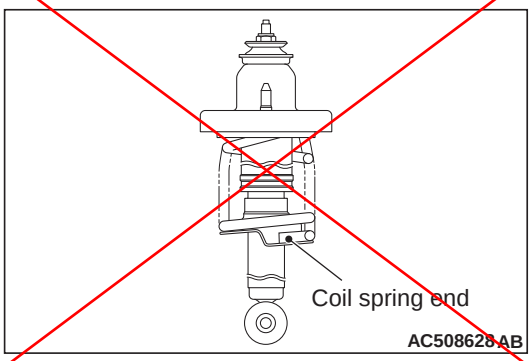
While jacking-up the lower arm with garage jack, remove the mounting bolts.

<<C>> SHOCK ABSORBER ASSEMBLY REMOVAL

After having loosened the lower arm and rear suspension crossmember connection, remove the shock absorber assembly.

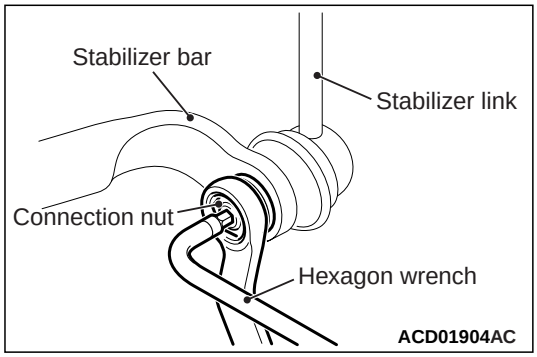
INSTALLATION SERVICE POINT <Deleted>

>>A<< SHOCK ABSORBER ASSEMBLY INSTALLATION



Install the shock absorber assembly so that the coil spring end faces the rear of the vehicle.

>>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.

INSPECTION

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- Check the rubber parts for cracks and wear.
- Check the shock absorber for malfunctions, oil leakage, or abnormal noise.

SHOCK ABSORBER ASSEMBLY

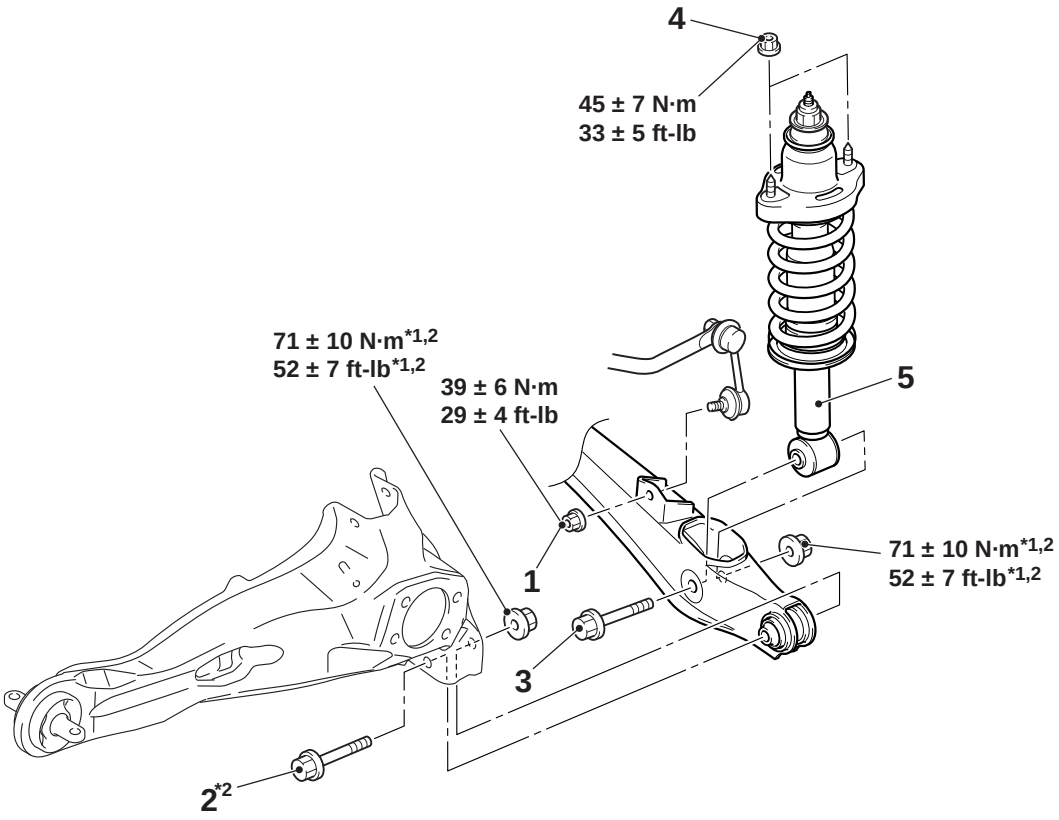
REMOVAL AND INSTALLATION

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⚠ CAUTION

- **The parts indicated by *1 should be temporarily tightened, and then fully tightened with the vehicle standing on the ground and the curb weight condition.**
- **The parts indicated by *2 are the bolts/nuts with friction coefficient stabilizer. In removal, ensure there is no damage, clean dust and soiling from the bearing and thread surfaces, and tighten them to the specified torque.**

Pre-removal operation	Post-installation operation
• Cargo Floor Box (LH/RH) Removal (Refer to GROUP 52A – Trim). • Rear Speaker Box Assembly Removal (RH) (Refer to GROUP 54A – Speaker).	• Rear Speaker Box Assembly Installation (RH) (Refer to GROUP 54A – Speaker). • Cargo Floor Box (LH/RH) Installation (Refer to GROUP 52A – Trim).



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Removal steps

<<A>> >>B<< 1. Stabilizer link connection
<<B>> 2. Lower arm and trailing arm connection

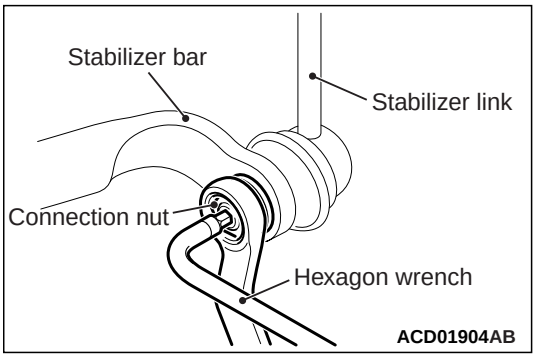
Removal steps (Continued)

<<B>> 3. Shock absorber and lower arm connection
4. Shock absorber mounting nut
~~>>A<<~~ 5. Shock absorber assembly

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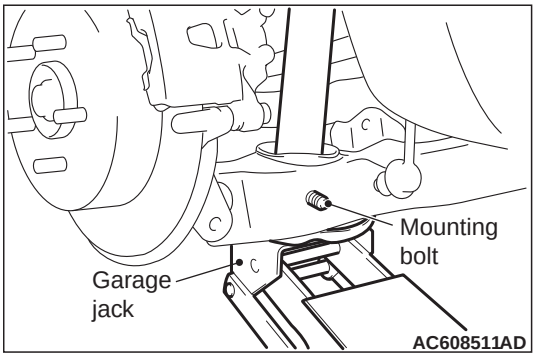
REMOVAL SERVICE POINT

<<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.

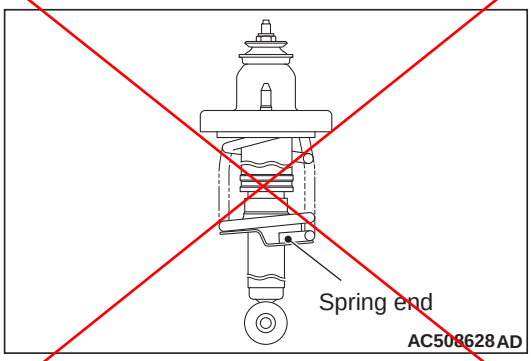
<<B>> LOWER ARM AND TRAILING ARM/SHOCK ABSORBER AND LOWER ARM DISCONNECTION



While jacking-up the lower arm with the garage jack, remove the mounting bolts.

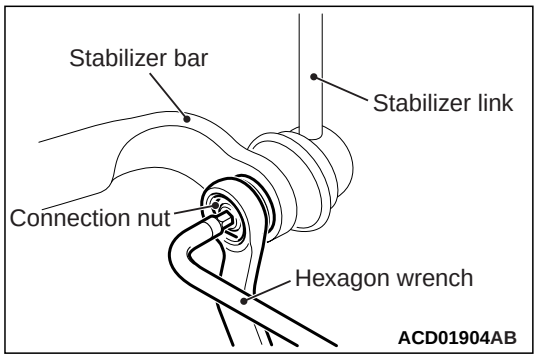
INSTALLATION SERVICE POINT <Deleted>

>>A<< SHOCK ABSORBER ASSEMBLY INSTALLATION



Install the shock absorber assembly so that the coil spring end faces the rear of the vehicle <LH>, or the coil spring end faces the front of the vehicle <RH>.

>>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.

INSPECTION

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- Check the rubber parts for cracks and wear.
- Check the shock absorber for malfunctions, oil leakage, or abnormal noise.

SHOCK ABSORBER ASSEMBLY

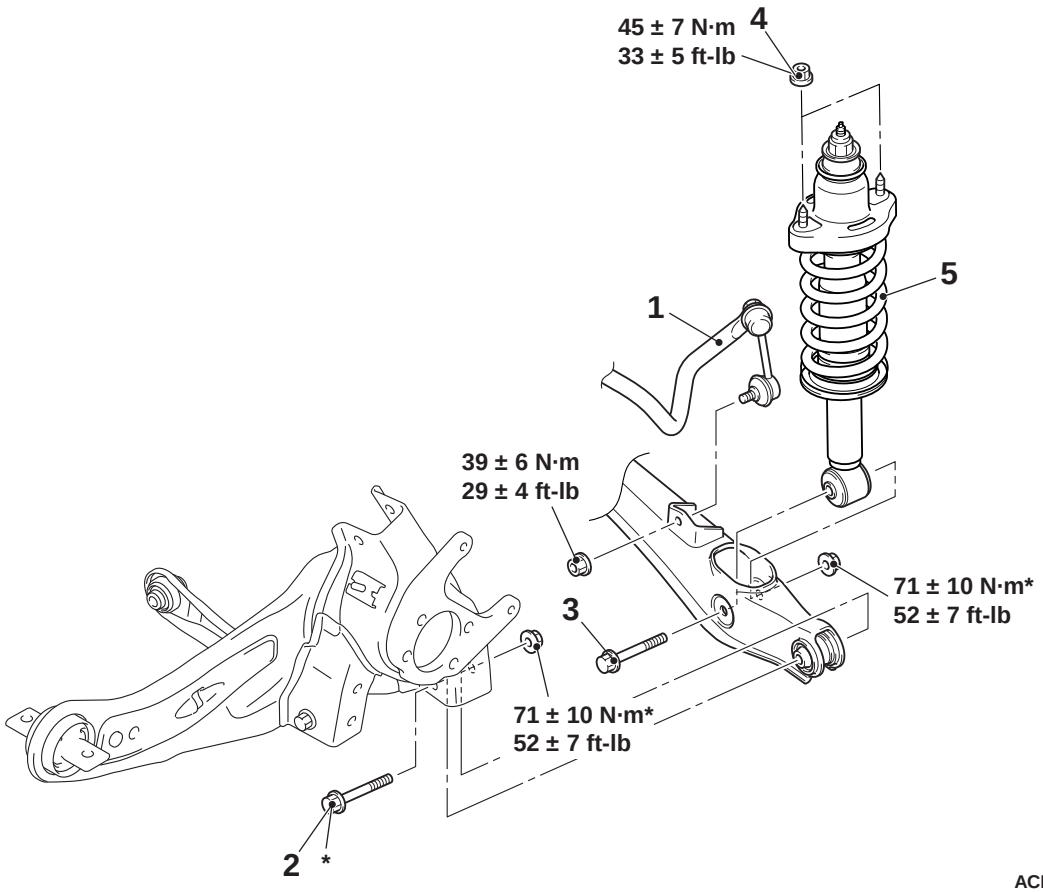
REMOVAL AND INSTALLATION

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⚠ CAUTION

The parts indicated by * are the bolts/nuts with friction coefficient stabilizer. In removal, ensure there is no damage, clean dust and soiling from the bearing and thread surfaces, and tighten them to the specified torque.

Post-installation operation
- Check the dust cover for cracks or damage by pushing it with your finger.

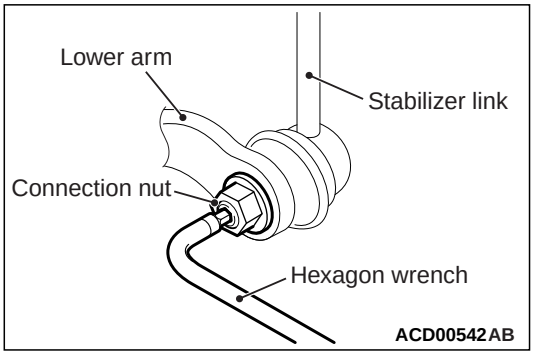


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			Removal steps
<<A>>	>>B<<	1.	Stabilizer link connection
<<B>>		2.	Lower arm and trailing arm connection
<<B>>		3.	Shock absorber and lower arm connection
<<C>>		4.	Shock absorber mounting nut
<<D>>	~~>>A<<~~ <Deleted>	5.	Shock absorber assembly

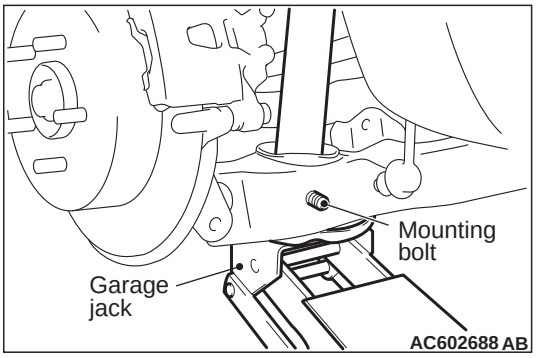
REMOVAL SERVICE POINTS

<<A>> STABILIZER LINK AND LOWER ARM CONNECTION NUT REMOVAL



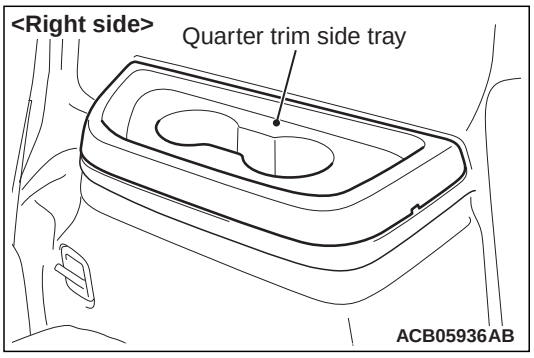
Use a hexagon wrench to remove the stabilizer link and lower arm connection nut as shown in the figure.

<<B>> LOWER ARM AND TRAILING ARM/SHOCK ABSORBER AND LOWER ARM DISCONNECTION



While jacking-up the lower arm with garage jack, remove the mounting bolts.

<<C>> SHOCK ABSORBER MOUNTING NUT REMOVAL



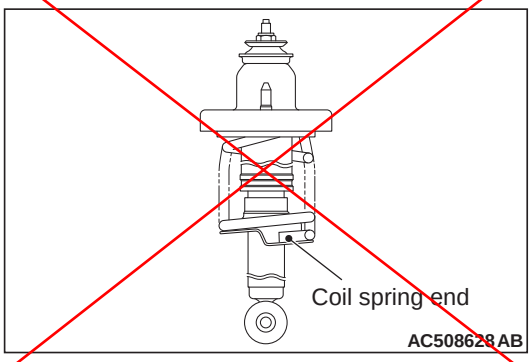
Remove the appropriate quarter trim side tray to remove the shock absorber mounting nut. <Right side>
On the left side, remove the quarter trim (Refer to GROUP 52A – Interior Trim). <Left side>

<<D>> SHOCK ABSORBER ASSEMBLY REMOVAL

After having loosened the lower arm and rear suspension crossmember connection, remove the shock absorber assembly.

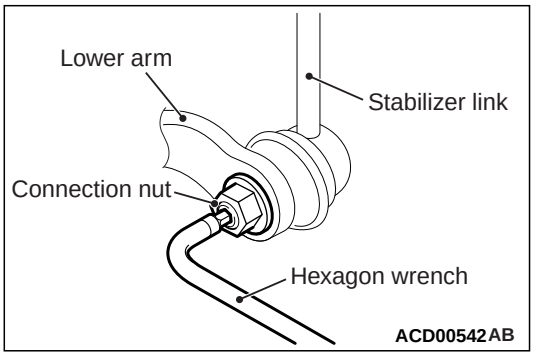
INSTALLATION SERVICE POINT <Deleted>

>>A<< SHOCK ABSORBER ASSEMBLY INSTALLATION



Install the shock absorber assembly so that the coil spring end faces the rear of the vehicle.

>>B<< STABILIZER LINK AND LOWER ARM CONNECTION NUT INSTALLATION



Use a hexagon wrench to install the stabilizer link and lower arm connection nut as shown in the figure.

INSPECTION

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- Check the rubber parts for cracks and wear.
- Check the shock absorber for malfunctions, oil leakage, or abnormal noise.