

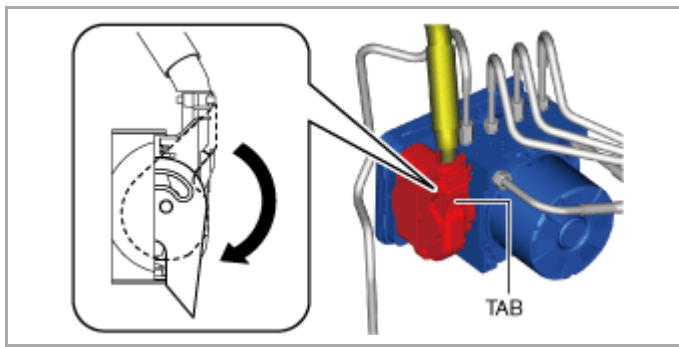
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FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

2012 MAZDA 6/Atenza Sedan OEM Service and Repair Workshop Manual

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Sample

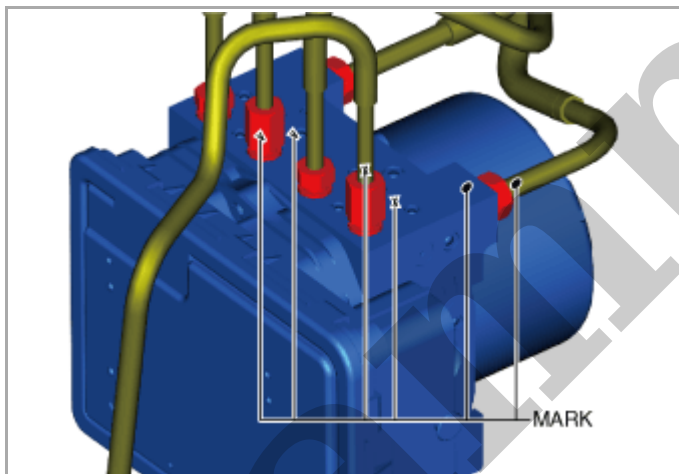


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2. Disconnect the DSC HU/CM connector.

Brake Pipe Removal Note

1. Place an alignment mark on the brake pipe and DSC HU/CM.



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2. Apply protective tape to the connector to prevent brake uid fr om entering.

3. Disconnect the brake pipes.

Bolt and Nuts Installation Note

1. Tighten bolt to the specified torue .

DSC HU/CM REMOVAL/INSTALLATION [SKYACTIV-G 2.5T]

SM2898212

id0415008010d

Warning

- If the DSC HU/CM configuration is not completed, it could result in an unexpected accident due to the DSC being inoperative. If the DSC HU/CM is replaced, always use the automatic configuration function so that the DSC operation conditions are correct.
- If the DSC related parts sensor initialization procedure is not completed, the DSC will not operate properly and it might cause an unexpected accident. Therefore, after replacing or removing the DSC HU/CM, make sure to perform the DSC related parts sensor initialization procedure to insure proper DSC operation.

Caution

- The internal parts of the DSC HU/CM could be damaged if dropped. Be careful not to drop the DSC HU/CM. Replace the DSC HU/CM if it is subjected to an impact.
- Brake fluid will damage painted surfaces. Be careful not to spill any on painted surfaces. In addition, if there is any brake fluid on the wiring harness, the wire insulation may corrode causing a malfunction such as a short circuit. If brake fluid gets on a painted surface or wiring harness, wash and flush it off completely with water immediately.

Note

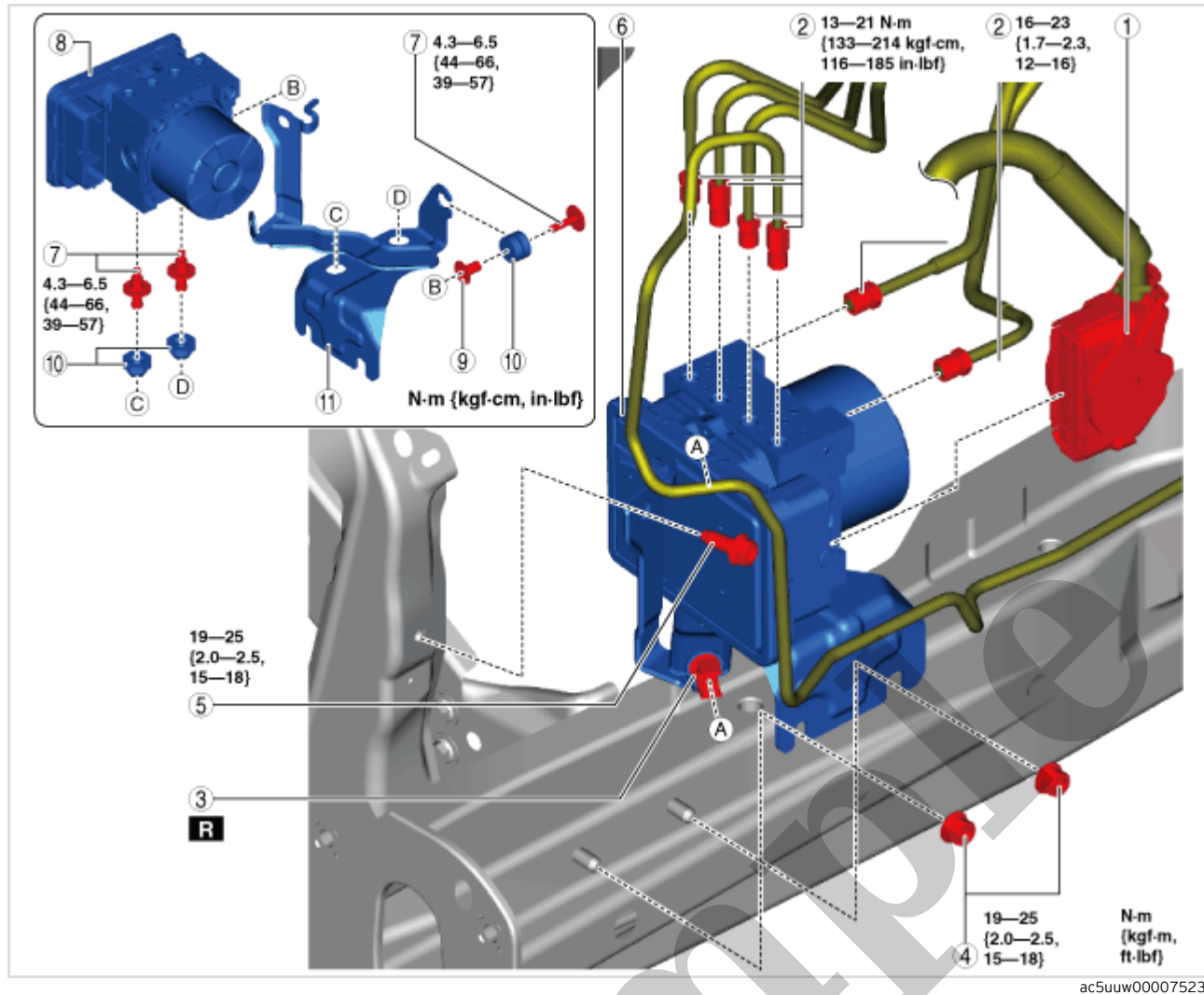
- When the ignition is switched ON or the engine is started after the DSC HU/CM have been replaced, the DSC CM reads data from the instrument cluster via CAN communication to perform automatic configuration.
- The DSC HU/CM prior to replacement stores the vehicle specification information.
- A new DSC HU/CM does not store any vehicle specification information.
- Tighten the brake pipe flare nut using any commercially available flare nut wrench.

1.Disconnect the negative battery terminal. (See [NEGATIVE BATTERY TERMINAL DISCONNECTION/CONNECTION.](#))

2.Remove the plug hole plate. (See [PLUG HOLE PLATE REMOVAL/INSTALLATION \[SKYACTIV-G 2.5T\].](#))

3.Remove the washer tank bracket. (See [WASHER TANK REMOVAL/INSTALLATION.](#))

4.Remove the bolts.



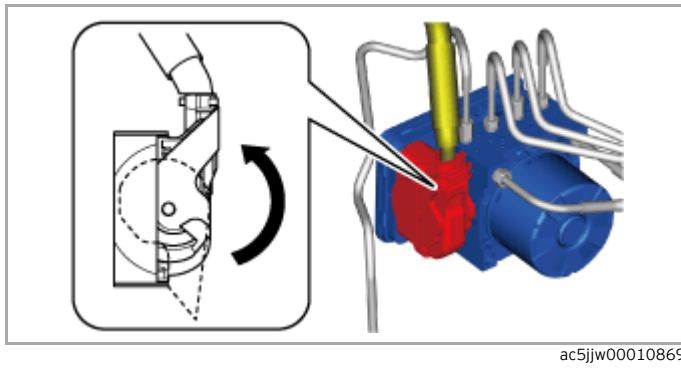
1	DSC HU/CM connector (See DSC HU/CM Connector Removal Note.) (See DSC HU/CM Connector Installation Note.)
2	Brake pipe (See Brake Pipe Removal Note.) (See Brake Pipe Installation Note.)
3	Pipe holder
4	Nut (See Bolt and Nuts Installation Note.)
5	Bolt (See Bolt and Nuts Installation Note.)
6	DSC HU/CM component
7	Bolt
8	DSC HU/CM
9	Spacer
10	Mount rubber
11	Bracket

DSC HU/CM Connector Removal Note

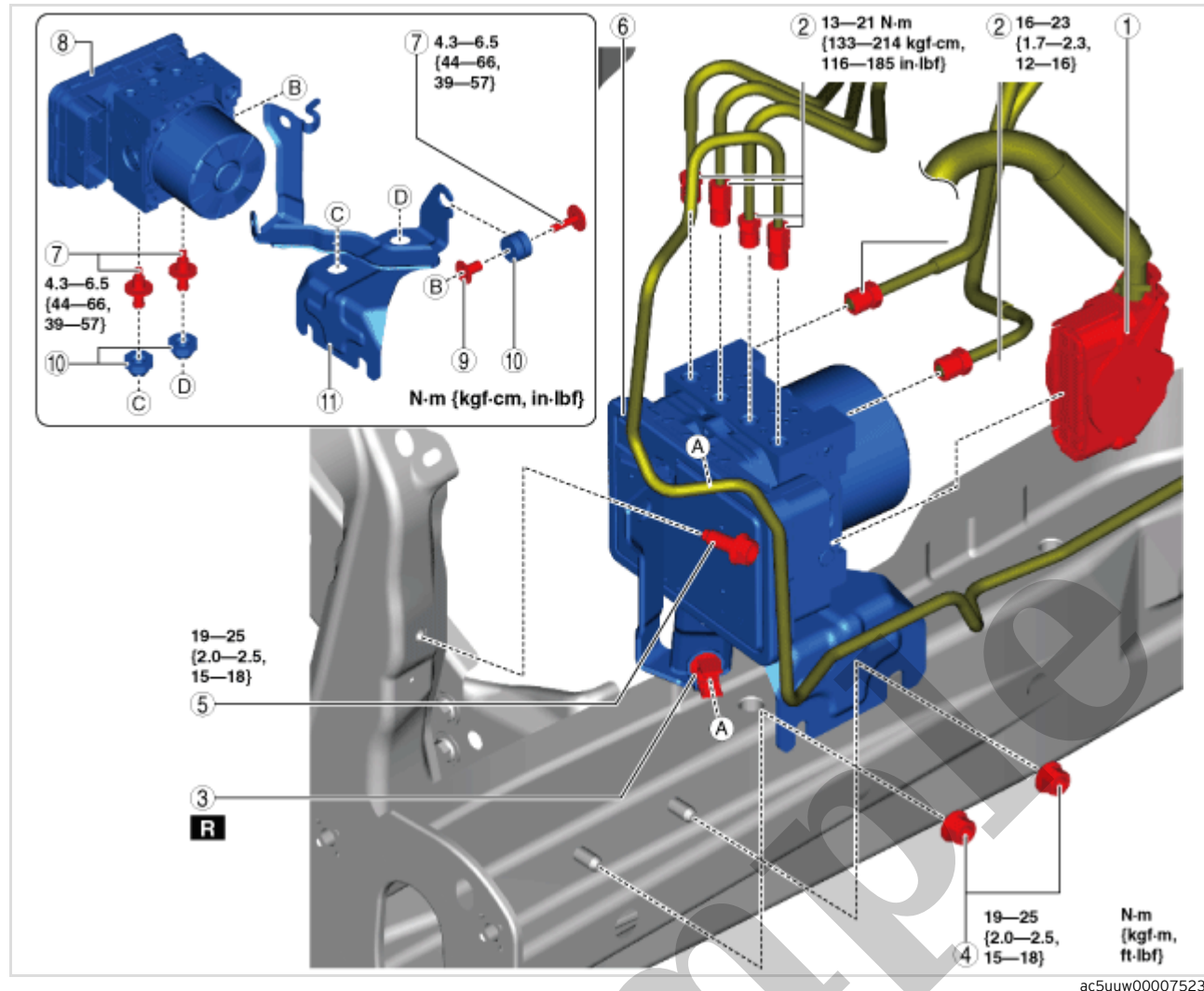
Caution

- If sand or other particles get into the connector, it may be difficult to remove. To prevent damaging the connector, be careful not to use excessive force when disconnecting it.

1. Pull the lock lever down in the direction of the arrow while pressing the tab of the lock lever.



2. After connecting the connector, verify that the connector cover is completely pushed in.



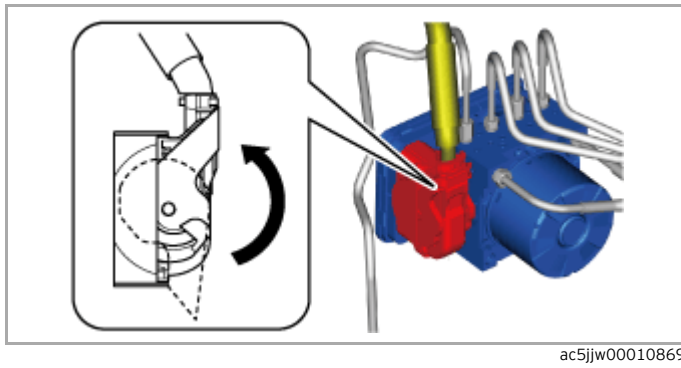
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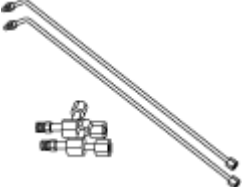

2. After connecting the connector, verify that the connector cover is completely pushed in.

BRAKE FLUID PRESSURE SENSOR INSPECTION

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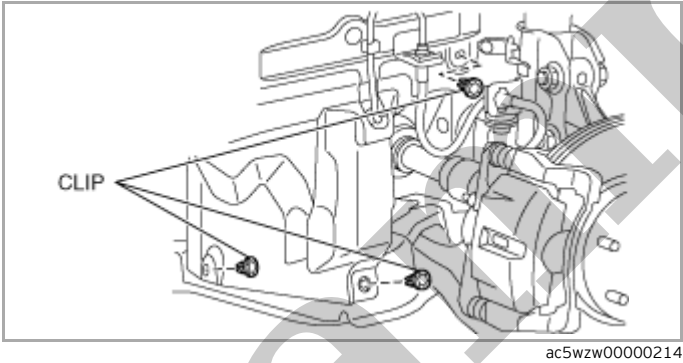
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Special Service Tool (SST)

49 U043 004A		49 U043 005		49 U043 006	
Oil pressure gauge (Part of 49 U043 0A0A)		Joint (Part of 49 U043 0A0A)		Hose (Part of 49 U043 0A0A)	

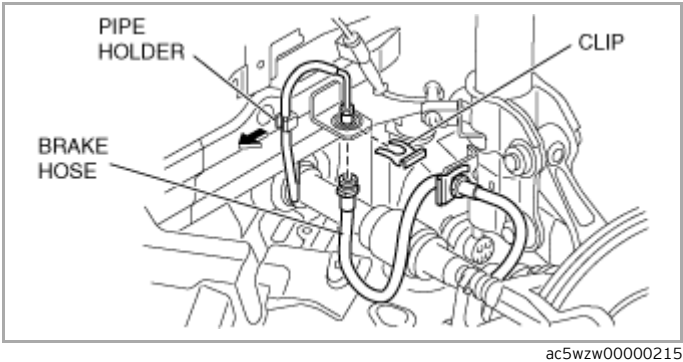
1.Switch the ignition to off.

2.Remove the clips.



3.Set the splash shield out of the way.

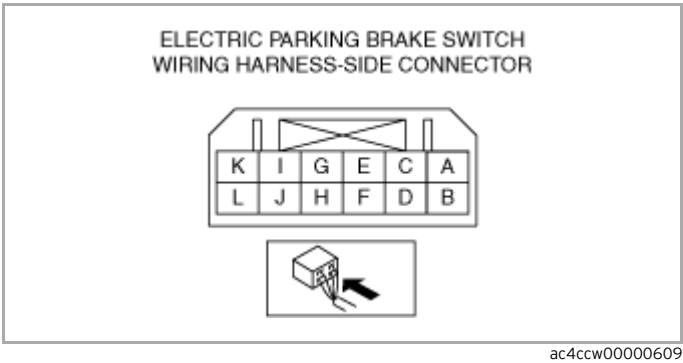
4.Disconnect the brake pipe from the LF brake hose.



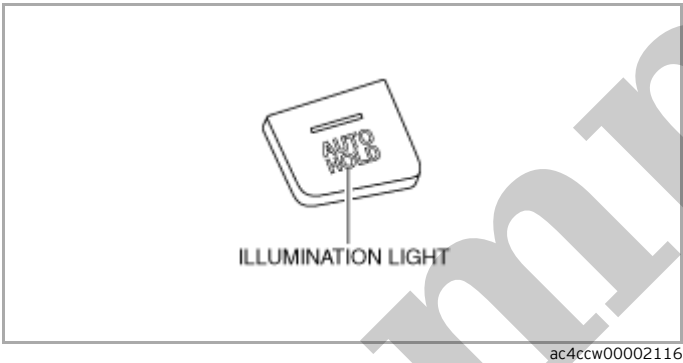
5.Remove the clip.

2.Remove the electric parking brake switch. (See [ELECTRIC PARKING BRAKE SWITCH REMOVAL/INSTALLATION.](#))

3.Apply battery positive voltage to electric parking brake switch terminal I, and connect terminal J to ground.



4.Verify that the illumination light turns on.



- If there is any malfunction, replace the electric parking brake switch.

Indicator Light Inspection

Note

- The indicator light is built into the AUTO HOLD switch. If there is any malfunction, replace the electric parking brake switch.

1.Disconnect the negative battery terminal. (See [NEGATIVE BATTERY TERMINAL DISCONNECTION/CONNECTION.](#))

2.Remove the electric parking brake switch. (See [ELECTRIC PARKING BRAKE SWITCH REMOVAL/INSTALLATION.](#))

3.Apply battery positive voltage to electric parking brake switch terminal K, and connect terminal B to ground.