


Your Ultimate Source for OEM Repair Manuals

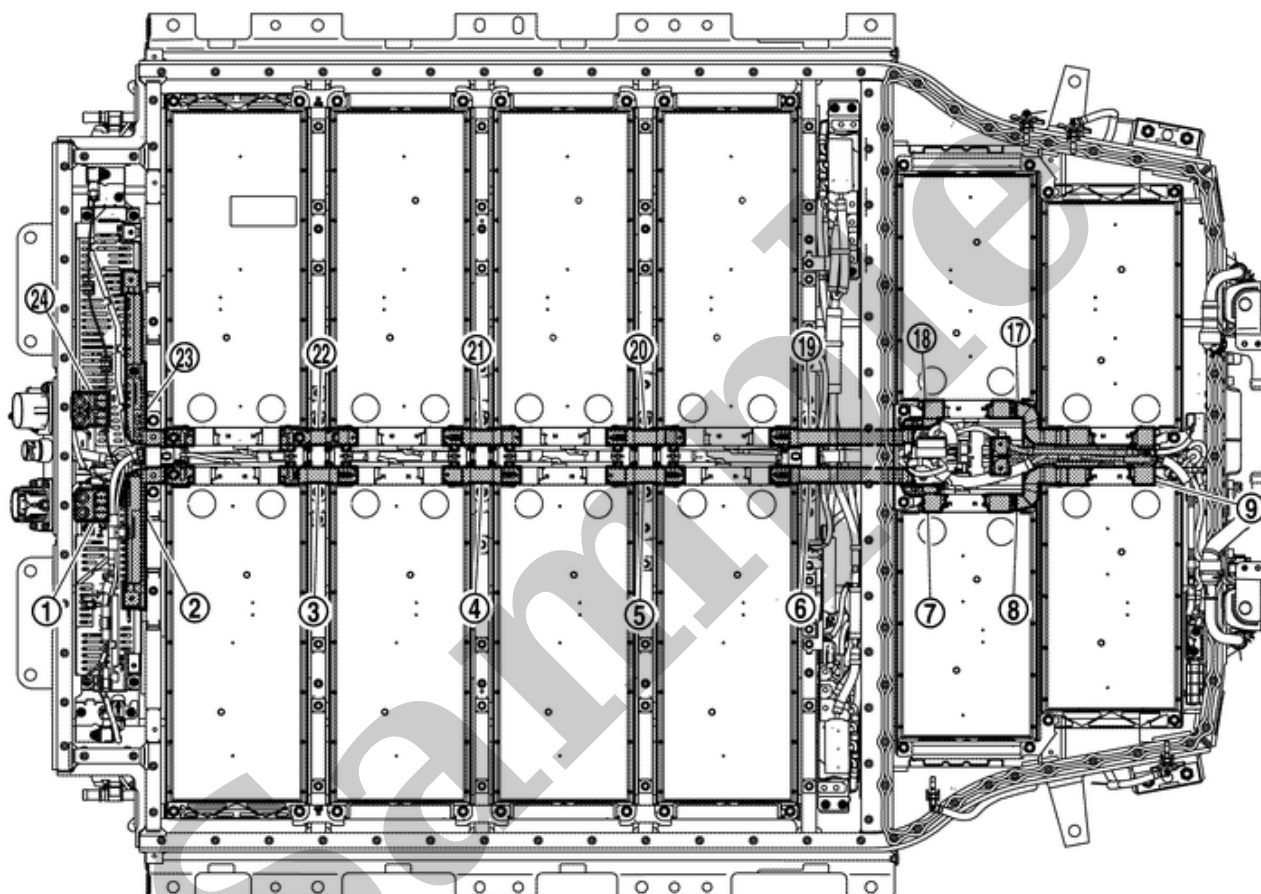
FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

2009 NISSAN Murano OEM Service and Repair Workshop Manual

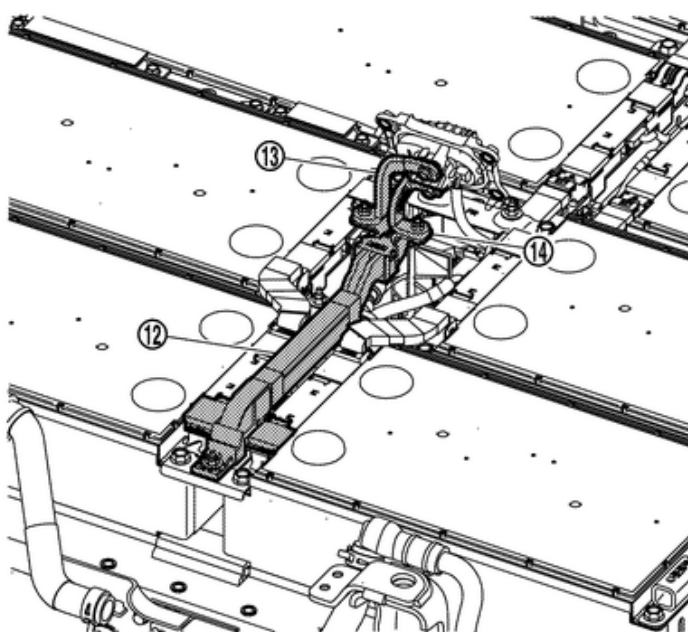
[Go to manual page](#)

④	Busbar 5	⑤	Busbar 6	⑥	Busbar 7
⑦	Busbar 8	⑧	Busbar 9	⑨	Busbar 10
⑩	Busbar 11	⑪	Busbar 15	⑫	Busbar 16
⑬	Busbar 17	⑭	Busbar 18	⑮	Busbar 19
⑯	Busbar 20	⑰	Busbar 21	⑱	Busbar 22
⑲	Busbar 23	⑳	Nut cap		
	: N·m (kg-m, in-lb)				

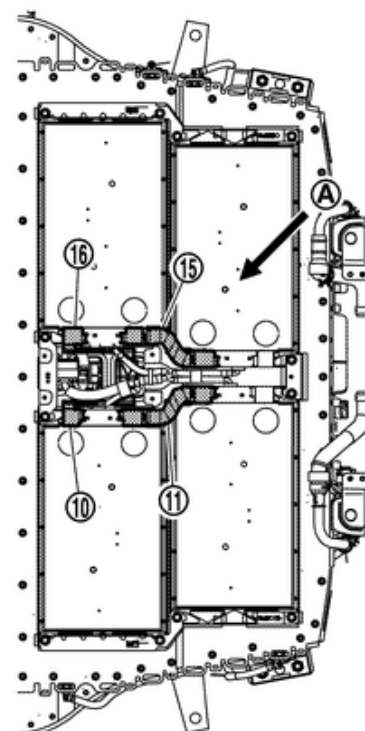
BUSBAR LAYOUT



Ⓐ



Ⓑ

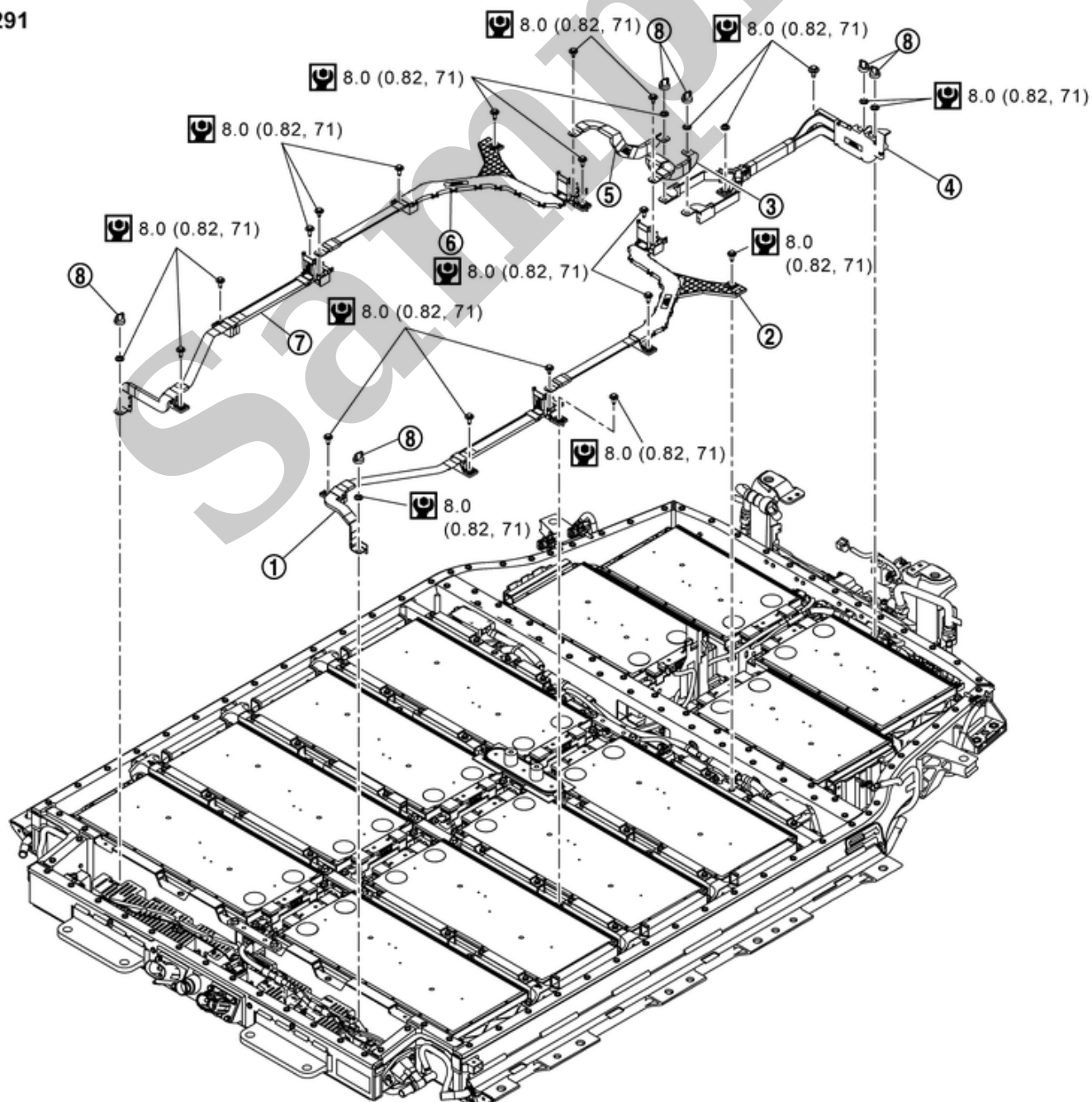



①	Busbar 1	②	Busbar 2	③	Busbar 3
④	Busbar 4	⑤	Busbar 5	⑥	Busbar 6
⑦	Busbar 7	⑧	Busbar 8	⑨	Busbar 9
⑩	Busbar 10	⑪	Busbar 11	⑫	Busbar 12
⑬	Busbar 13	⑭	Busbar 14	⑮	Busbar 15
⑯	Busbar 16	⑰	Busbar 17	⑱	Busbar 18
⑲	Busbar 19	⑳	Busbar 20	㉑	Busbar 21
㉒	Busbar 22	㉓	Busbar 23	㉔	Busbar 24
Ⓐ	: Around Service bracket				
Ⓑ	: Rear module stack 2nd floor				

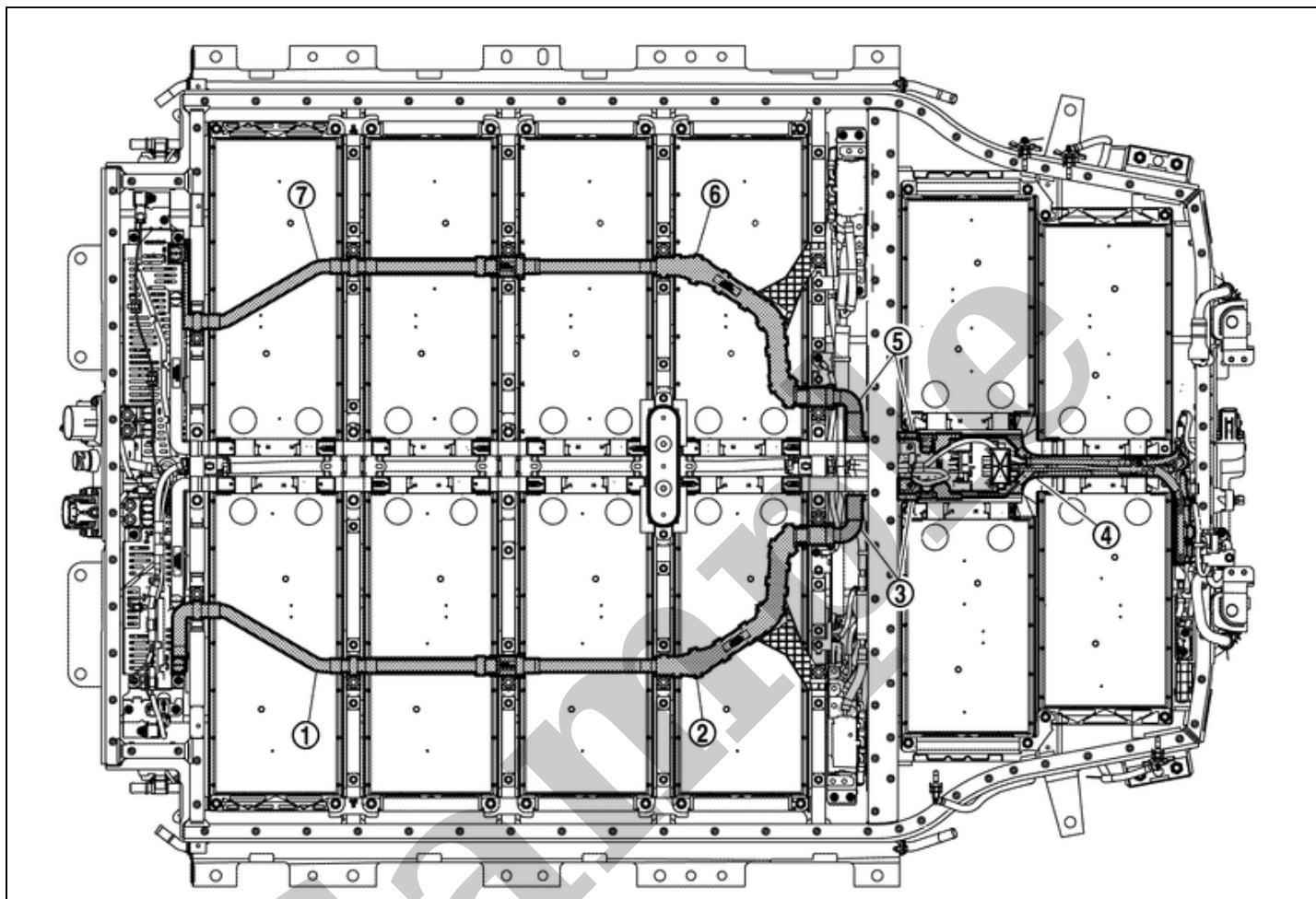
REAR POWER SUPPLY

DISASSEMBLY

SEC. 291



①	Busbar 41	②	Busbar 42	③	Busbar 43
④	Busbar 44	⑤	Busbar 45	⑥	Busbar 46
⑦	Busbar 47	⑧	Nut cap		
	: N·m (kg-m, in-lb)				



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①	Busbar 41	②	Busbar 42	③	Busbar 43
④	Busbar 44	⑤	Busbar 45	⑥	Busbar 46
⑦	Busbar 47				

DANGER:

Because hybrid vehicles and electric vehicles contain a high voltage battery, there is a risk of electric shock, electric leakage, or similar accidents if the vehicle is handled incorrectly. Be sure to follow the correct work procedures when performing inspection and maintenance.

WARNING:

- Be sure to remove the service plug in order to shut off the high voltage circuits before performing inspection or maintenance of high voltage system harnesses and parts.
- Be sure to put the removed service plug in pocket and carry it or store it in a tool box or other container so that another person does not accidentally connect it while work is in progress.
- Be sure to put on insulating protective gear before beginning work on the high voltage system.
- Clearly identify the persons responsible for high voltage work and ensure that other persons do not touch the vehicle. When not working, cover high voltage components with an anti-static cover sheet or similar item to prevent contact with other persons.
- Refer to [PRECAUTIONS FOR HIGH VOLTAGE : Precautions.](#)
- If the battery pack is to be disassembled, be sure to remove the Li-ion battery controller for preventing electric shock, fire, and damage to parts.

CAUTION:

There is the possibility of a malfunction occurring if the vehicle is changed to READY status while the service plug is removed. Therefore do not change the vehicle to READY status unless instructed to do so in the Service Manual.

ENVIRONMENT FOR LI-ION BATTERY DISASSEMBLY WORK

1 Must be an indoor environment.

- The environment must utilize a shutter or other means to shut out the outside environment and prevent rain, snow, dust, or other substances from entering.
- The environment must not cause the intrusion of sweat during work, or cause condensation to occur due to high temperature or humidity.

2 Metal powder, grease, and other foreign substances must not enter.

- The indoor environment must also prevent metal powder, grease, and other foreign substances from entering due to maintenance performed on other vehicles and other sources during disassembly work.
- If there is a risk of the above substances entering, take appropriate countermeasures, such as use of a vinyl curtain or an equivalent to shut out the outside environment.

3 The floor must be dry.

- The floor must not be wet as a result of factors such as vehicle entry during rain or snow.

4 Work space

- The work space must be approximately the size of one entire vehicle.
- Take appropriate countermeasures so that persons other than the operator do not enter the work space, such as by placing signs indicating that disassembly work is in progress.

5 Standard fire fighting equipment

- Always place a standard fire fighting equipment in the disassembly work area.
- Depending on type of fire (vehicle or battery) use standard fire fighting equipment (water or extinguisher).

busbar 1 and busbar 24

Refer to [Disassembly & Assembly](#).

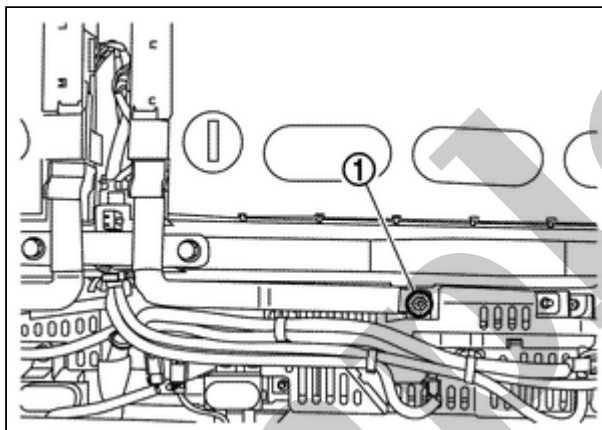
busbar 12 to busbar 14

Refer to [Disassembly & Assembly](#).

busbar 2 and busbar 23

DISASSEMBLY

1 Remove nut cap ①.



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WARNING:



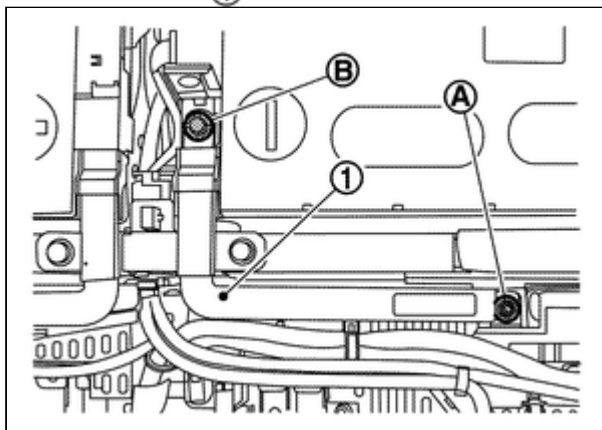
To prevent electric shock, wear insulated protective gear and use insulated tools.



NOTE:

The figure shows busbar 2.

2 Remove nut (A) and bolt (B), and then remove busbar 2 ①.



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WARNING:



To prevent electric shock, wear insulated protective gear and use insulated tools.



NOTE:

The figure shows busbar 2.

3 Remove busbar 23 in the same way.

Assembly

Note the following items, and assemble in the reverse order of disassembly.

DANGER:

- ⚡ There is the danger of electric shock caused by contact with the terminals. Be sure to wear insulated protective gear and use insulated tools.

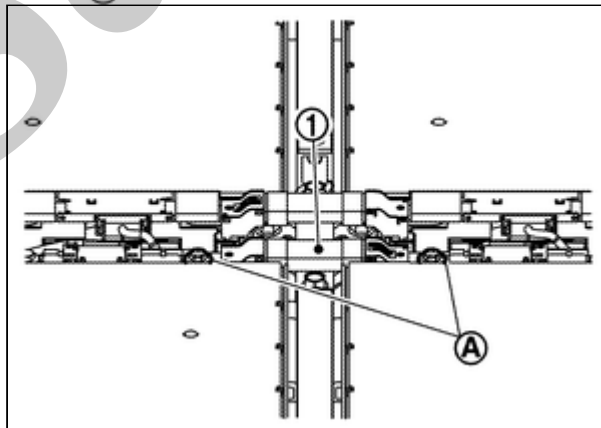


- ⚡ Because there is a danger of electric shock and fire, never allow bus bar to contact a wrong terminal.
 - If bus bar contacts a wrong terminal, the circuit becomes energized and a short may occur.
 - Always keep the busbar cover closed until immediately before the installation of busbar .

busbar 3, busbar 4, busbar 21 and busbar 22

DISASSEMBLY

1 Remove bolts (A) and then remove busbar 3 (1).



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WARNING:



To prevent electric shock, wear insulated protective gear and use insulated tools.



NOTE:

The figure shows busbar 3.

2 Remove the other busbar s in the same way.

Assembly

Note the following items, and assemble in the reverse order of disassembly.

DANGER:

- ⚡ There is the danger of electric shock caused by contact with the terminals. Be sure to wear insulated protective gear and use insulated tools.

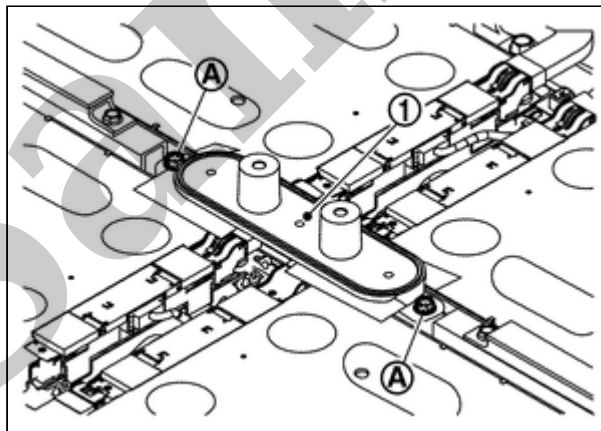


- ⚡ Because there is a danger of electric shock and fire, never allow bus bar to contact a wrong terminal.
 - If bus bar contacts a wrong terminal, the circuit becomes energized and a short may occur.
 - Always keep the bus bar cover closed until immediately before the installation of bus bar.

busbar 5 and busbar 20

DISASSEMBLY

1 Remove bracket ①.



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Ⓐ

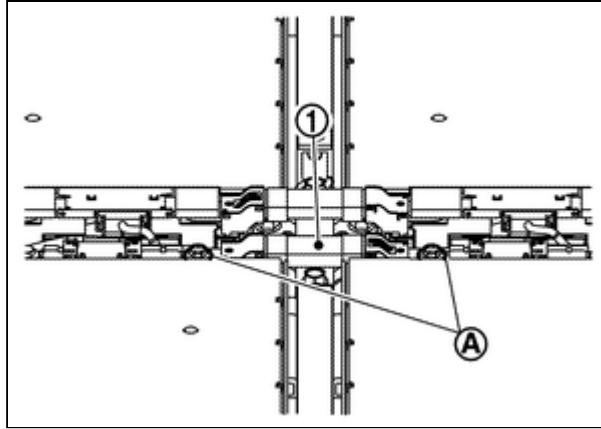
: Bolts

WARNING:

- ⚡ To prevent electric shock, wear insulated protective gear and use insulated tools.



2 Remove bolts Ⓐ and then remove busbar 5①.



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WARNING:



To prevent electric shock, wear insulated protective gear and use insulated tools.



NOTE:

The figure shows busbar 5.

3 Remove busbar 20 in the same way.


Assembly

Note the following items, and assemble in the reverse order of disassembly.

DANGER:

-  There is the danger of electric shock caused by contact with the terminals. Be sure to wear insulated protective gear and use insulated tools.






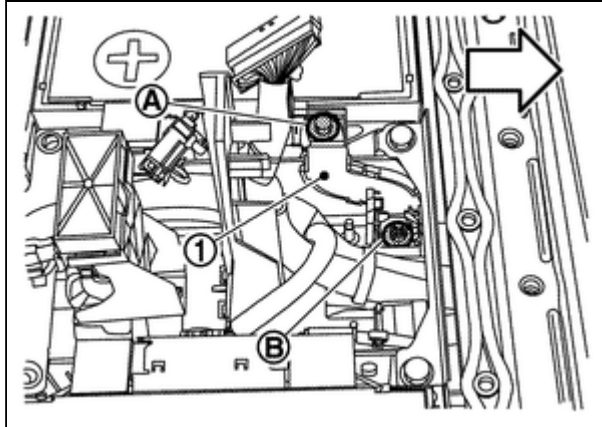
-  Because there is a danger of electric shock and fire, never allow bus bar to contact a wrong terminal.
 - If bus bar contacts a wrong terminal, the circuit becomes energized and a short may occur.
 - Always keep the bus bar cover closed until immediately before the installation of bus bar.

busbar 6, busbar 7, busbar 18 and busbar 19

DISASSEMBLY

1 Remove the battery upper floor assembly. Refer to [Disassembly & Assembly](#).

2 Remove bolt  and nut . And then remove busbar 7 .



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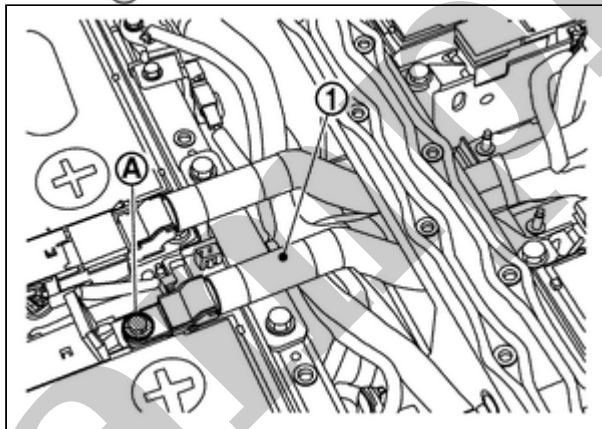
WARNING:



To prevent electric shock, wear insulated protective gear and use insulated tools.



3 Remove the bolt (A). and then remove busbar 6 (1).



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WARNING:



To prevent electric shock, wear insulated protective gear and use insulated tools.



4 Remove other busbar in the same way.

Assembly

Note the following items, and assemble in the reverse order of disassembly.

DANGER:

-  There is the danger of electric shock caused by contact with the terminals. Be sure to wear insulated protective gear and use insulated tools.



-  Because there is a danger of electric shock and fire, never allow bus bar to contact a wrong terminal.