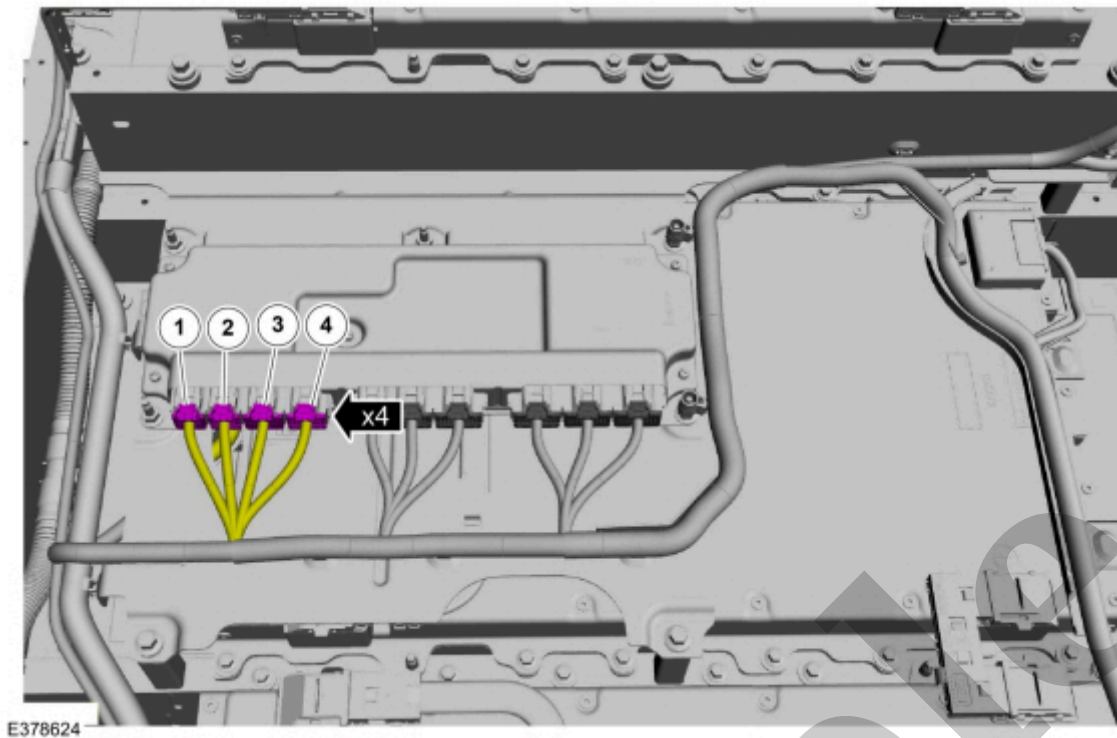


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2012 FORD Fusion European OEM Service and Repair Workshop Manual

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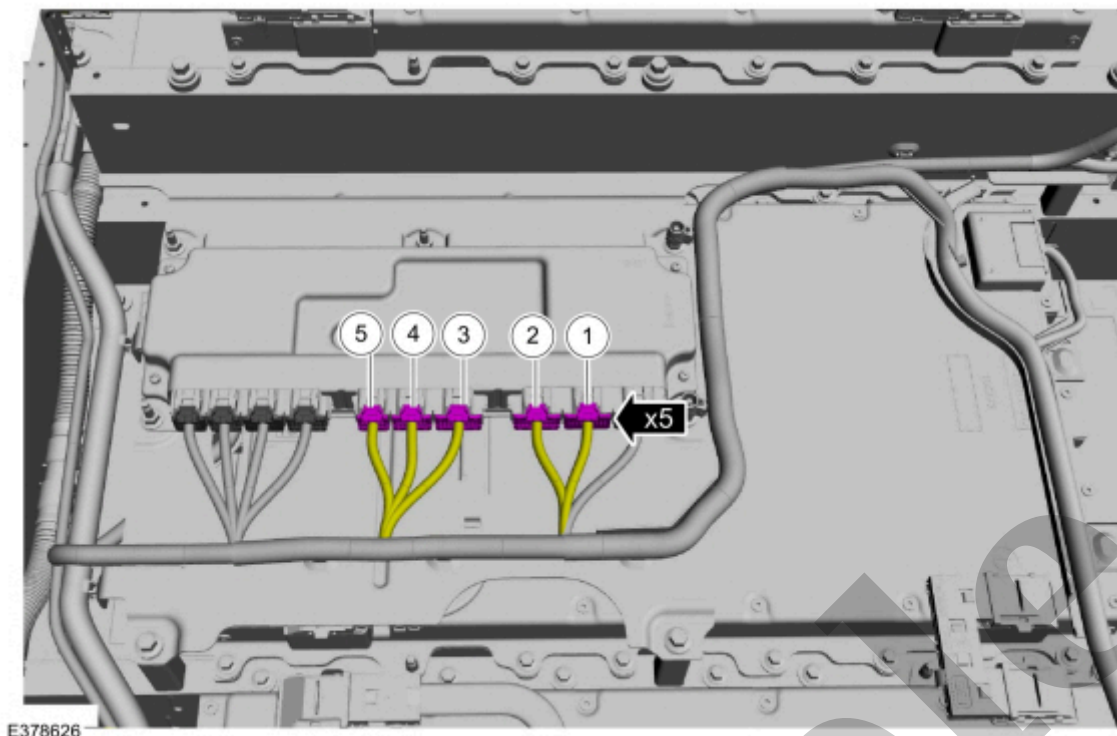
E378624

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5. NOTICE

Wait 10 seconds after disconnecting the BECM electrical connector shown, before disconnecting the remaining electrical connectors or component damage may occur.

Disconnect the BECM (battery energy control module) electrical connector.



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7. 1. Open the terminal cover and remove the bus bar bolt.

Torque : 119 lb.in (13.5 Nm)

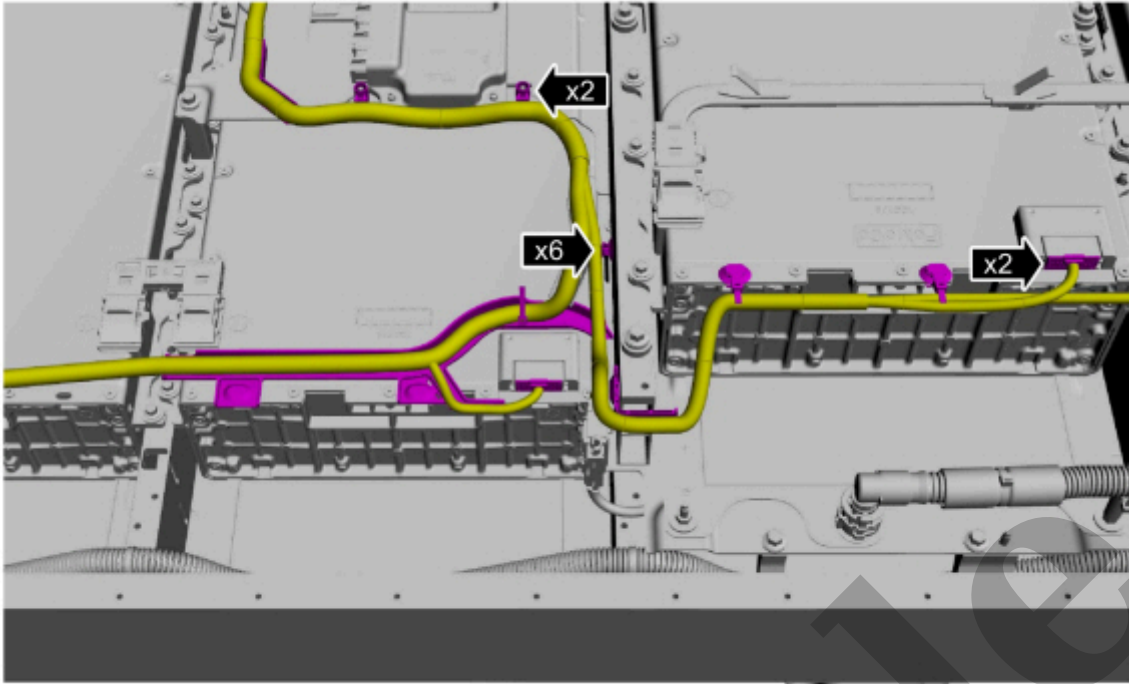
2. Install the battery module terminal cover.

3. Open the terminal cover and remove the bus bar bolt.

Torque : 119 lb.in (13.5 Nm)

4. Install the battery module terminal cover.

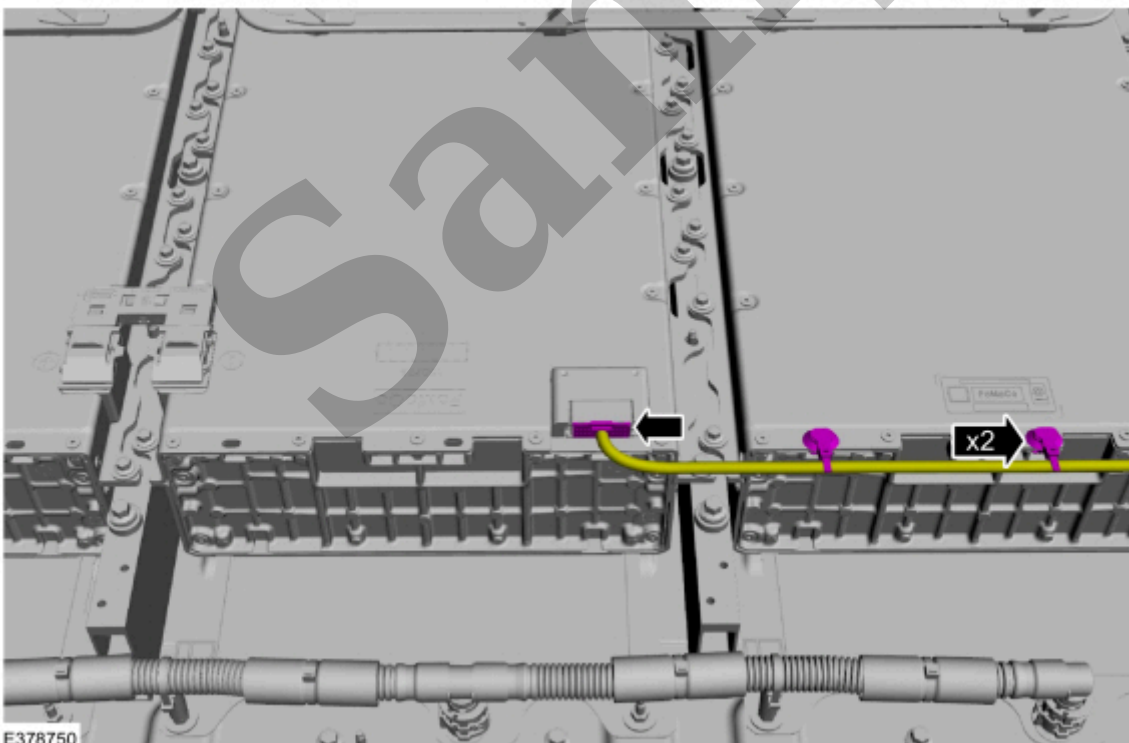
5. Detach the retainers and remove the bus bar.



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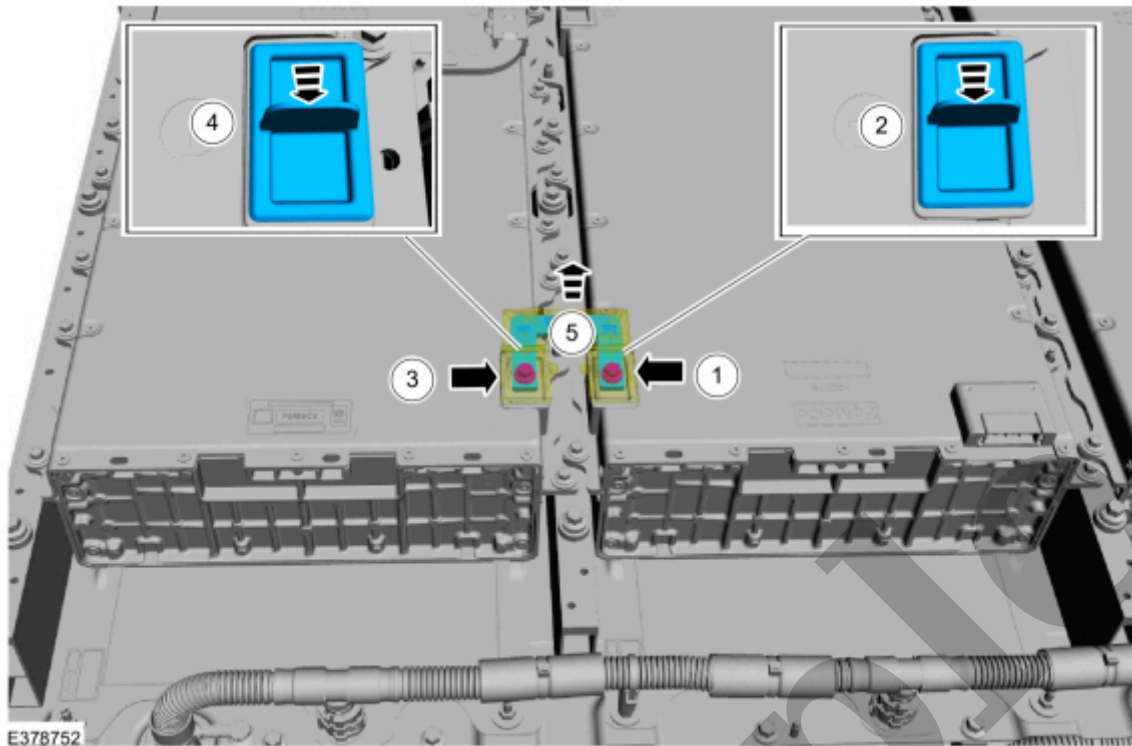
10. Detach the retainers, disconnect the electrical connectors and position the wire harness aside.



E378750

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5. Remove the bus bar.



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13. 1. Open the terminal cover and remove the bus bar bolt.

Torque : 119 lb.in (13.5 Nm)

2. Install the battery module terminal cover.

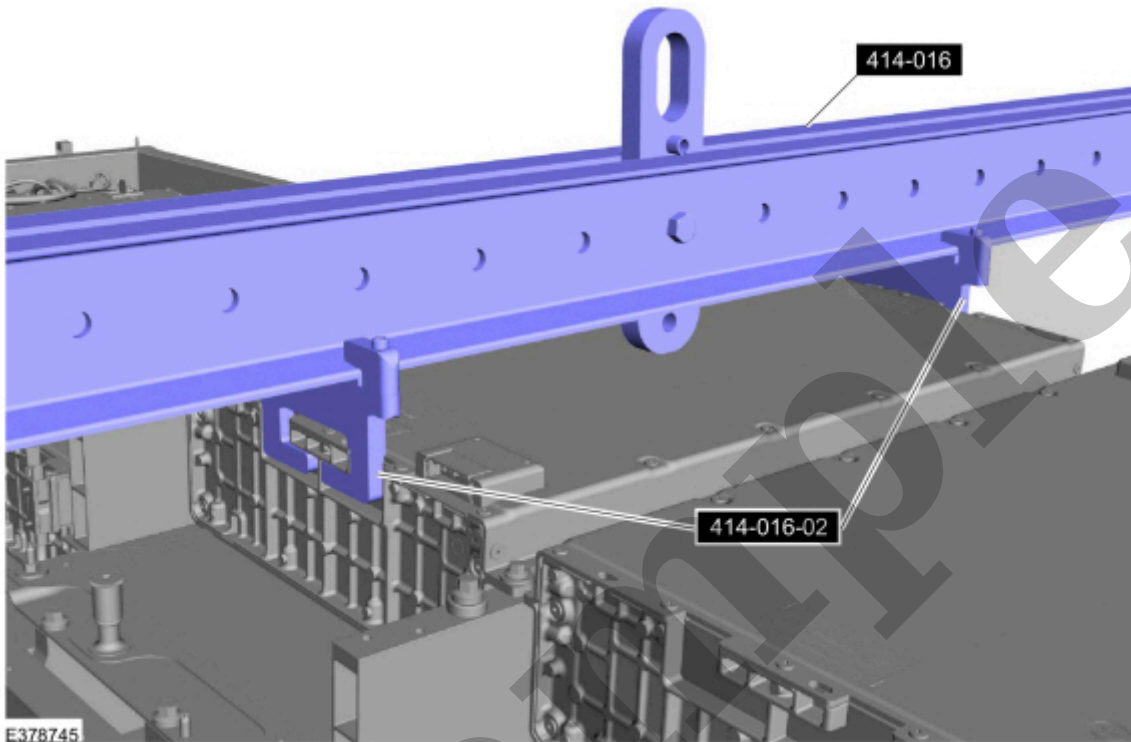
3. Detach the retainer and position the bus bar aside.

15. 1. Install the battery array lift adaptors.

Use Special Service Tool : 414-016-02 Adapter for 414-016

2. Install the battery lift fixture and position the battery array lift adaptors to the lift fixture and secure.

Use Special Service Tool : 414-016 Battery Lift Fixture



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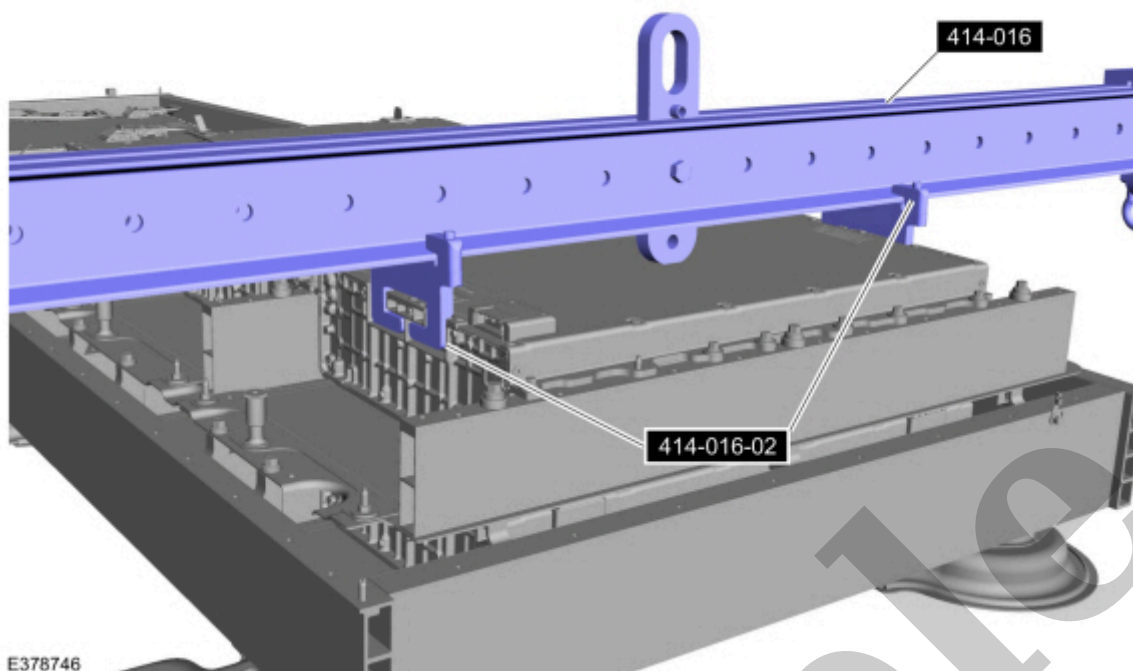
16. Mark the battery location for installation if not being replaced.

- Remove the cold plate nuts.

Torque : 80 lb.in (9 Nm)

- Using a floor crane, remove the bolts and the battery array number eight assembly.

Torque : 133 lb.in (15 Nm)



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18. Mark the battery location for installation if not being replaced.

- Remove the cold plate nuts.

Torque : 80 lb.in (9 Nm)

- Using a floor crane, remove the bolts and the battery array number six assembly.

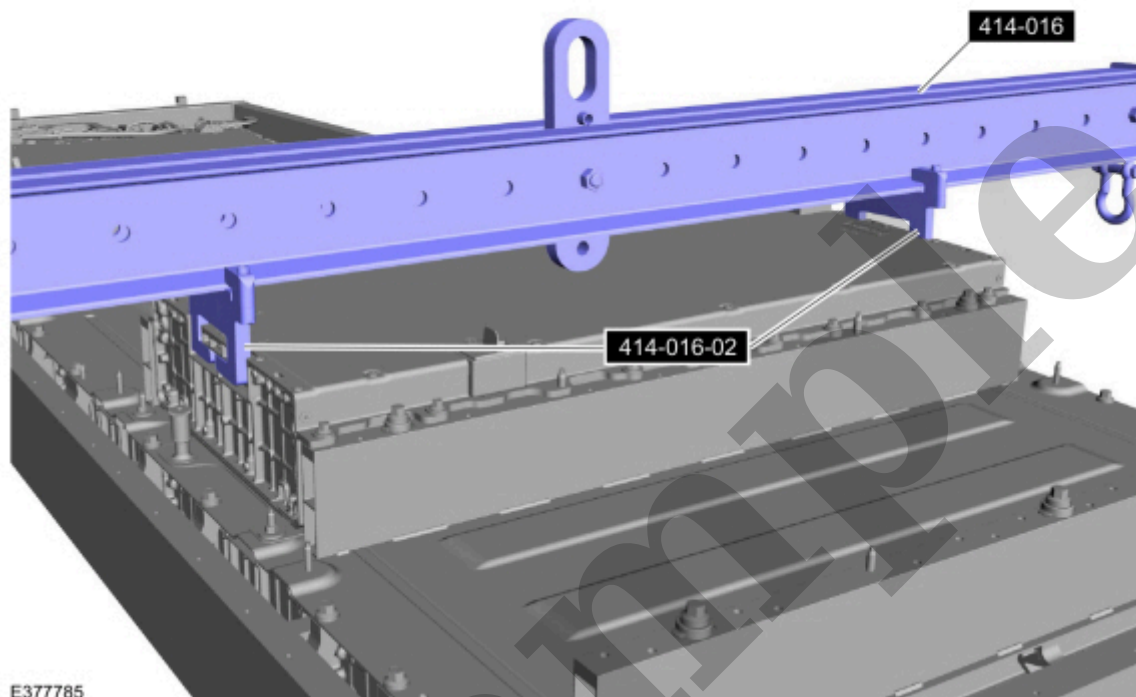
Torque : 133 lb.in (15 Nm)

20. 1. Install the battery array lift adaptors.

Use Special Service Tool : 414-016-02 Adapter for 414-016

2. Install the battery lift fixture and position the battery array lift adaptors to the lift fixture and secure.

Use Special Service Tool : 414-016 Battery Lift Fixture

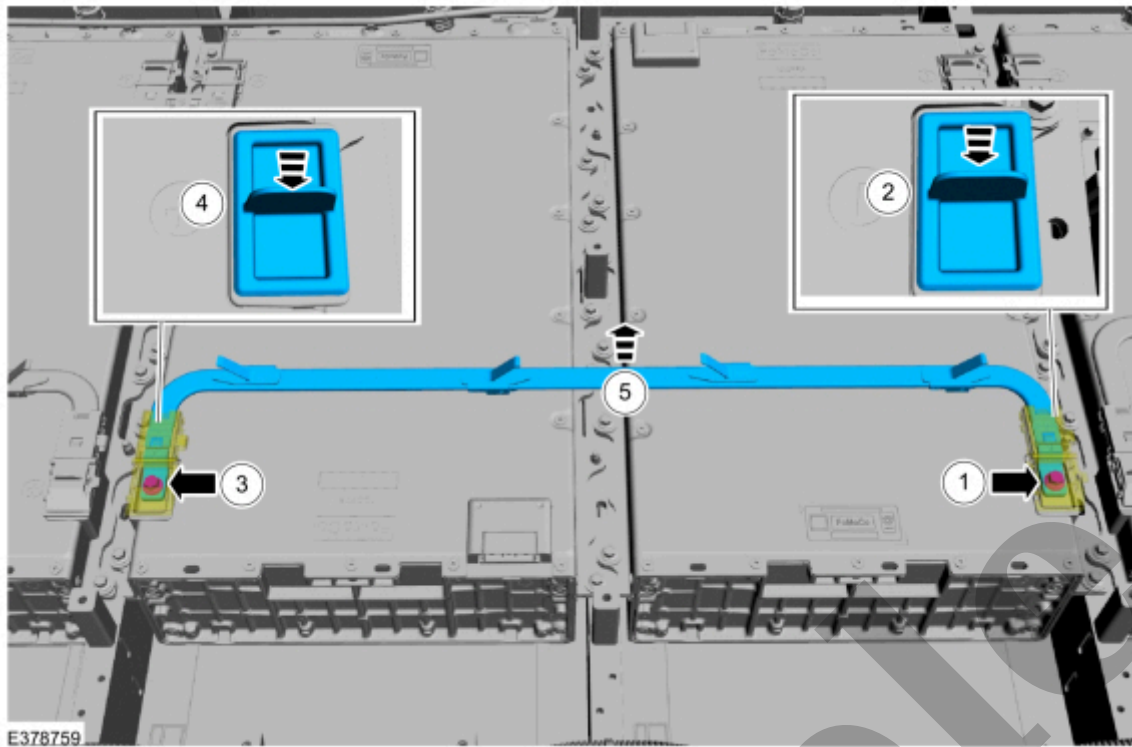


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21. Remove the bolts, the mid plate tray and battery.

Use the General Equipment: Floor Crane

Torque : 150 lb.in (17 Nm)



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23. 1. Open the terminal cover and remove the bus bar bolt.

Torque : 119 lb.in (13.5 Nm)

2. Install the battery module terminal cover.

3. Open the terminal cover and remove the bus bar bolt.

Torque : 119 lb.in (13.5 Nm)

4. Install the battery module terminal cover.

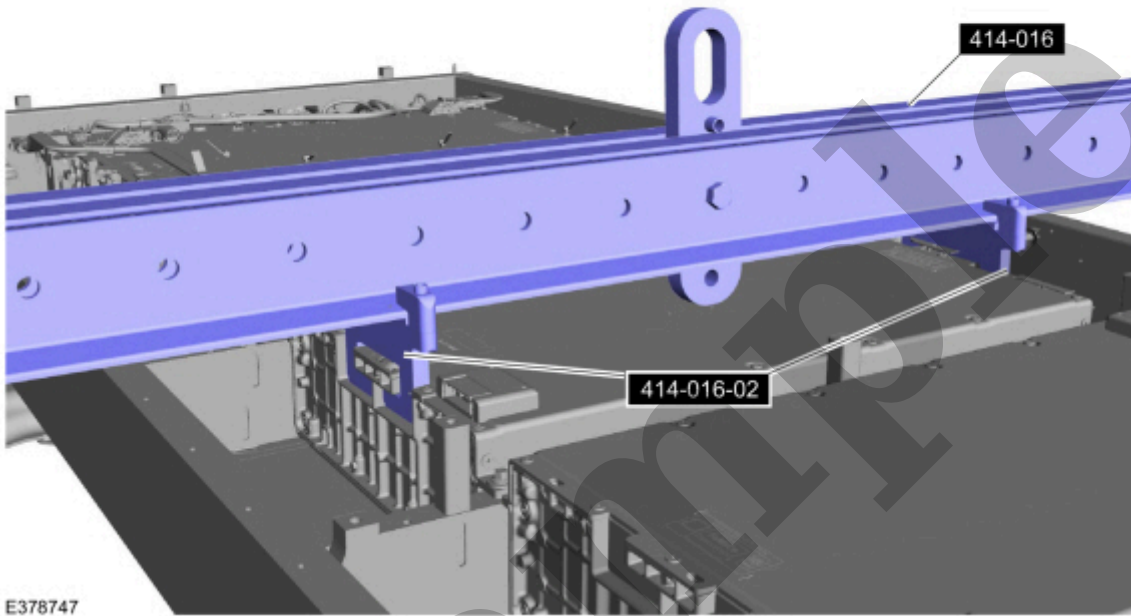
5. Remove the bus bar.

25. 1. Install the battery array lift adaptors.

Use Special Service Tool : 414-016-02 Adapter for 414-016

2. Install the battery lift fixture and position the battery array lift adaptors to the lift fixture and secure.

Use Special Service Tool : 414-016 Battery Lift Fixture



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26. • Remove the cold plate nuts.
- Using a floor crane. Remove the bolts, battery array and cold plate.

Use the General Equipment: Floor Crane

Torque : 133 lb.in (15 Nm)