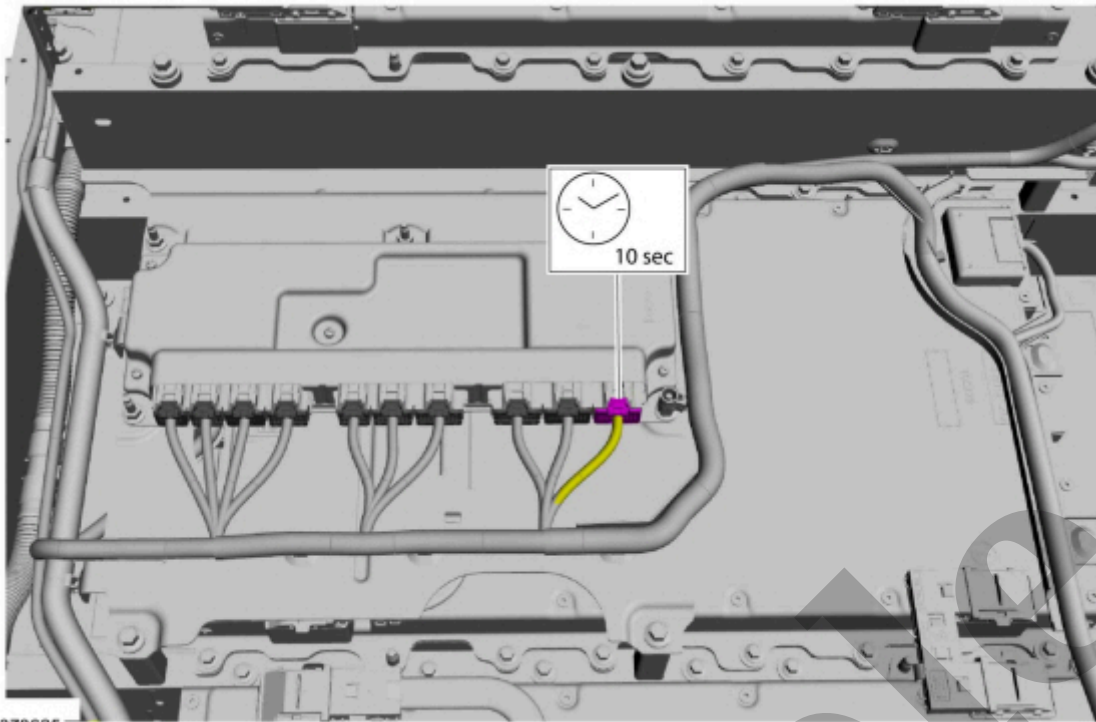


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2012 FORD Grand C-Max OEM Service and Repair Workshop Manual

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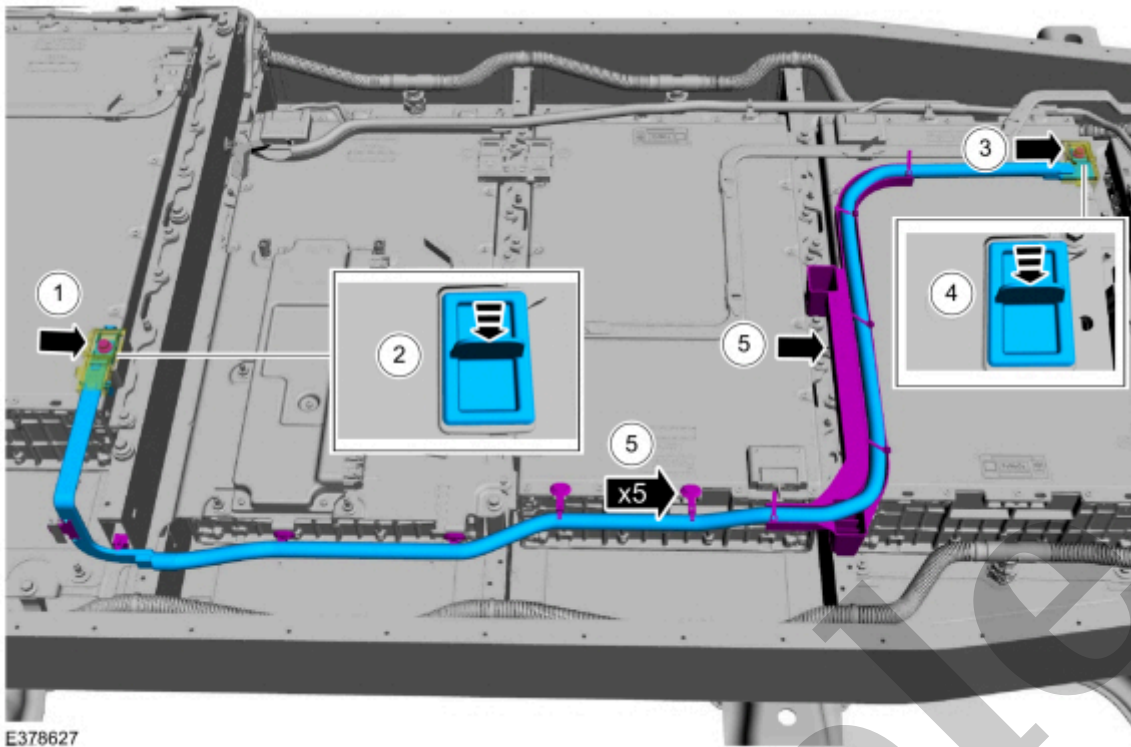


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6. NOTICE

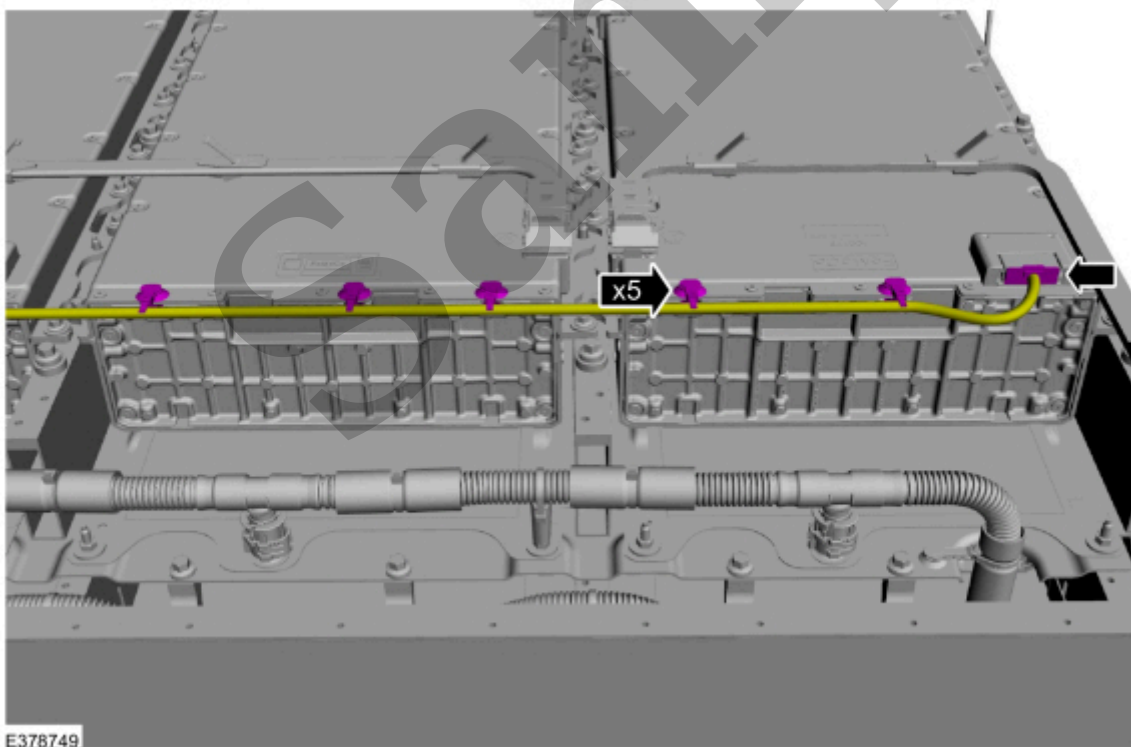
The BECM electrical connectors must be disconnected in the sequence shown or component damage may occur.

Disconnect the BECM (battery energy control module) electrical connectors in the sequence shown.



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



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

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

Torque : 119 lb.in (13.5 Nm)

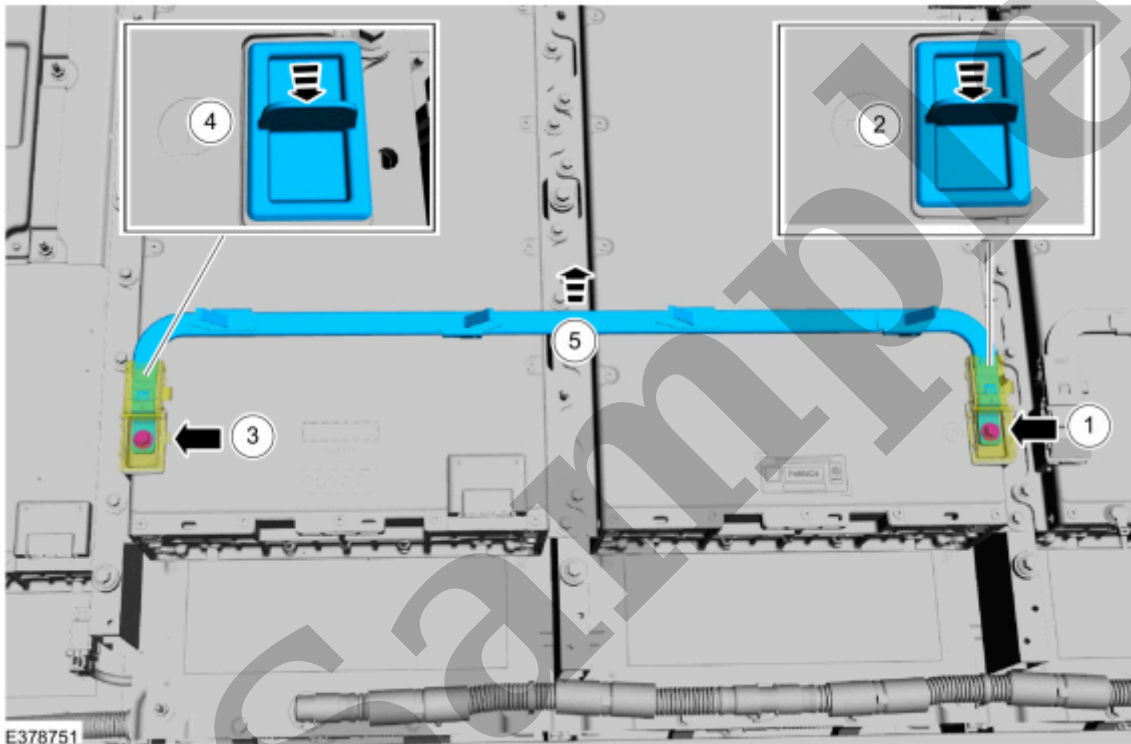
2. Install the battery module terminal cover.

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.



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

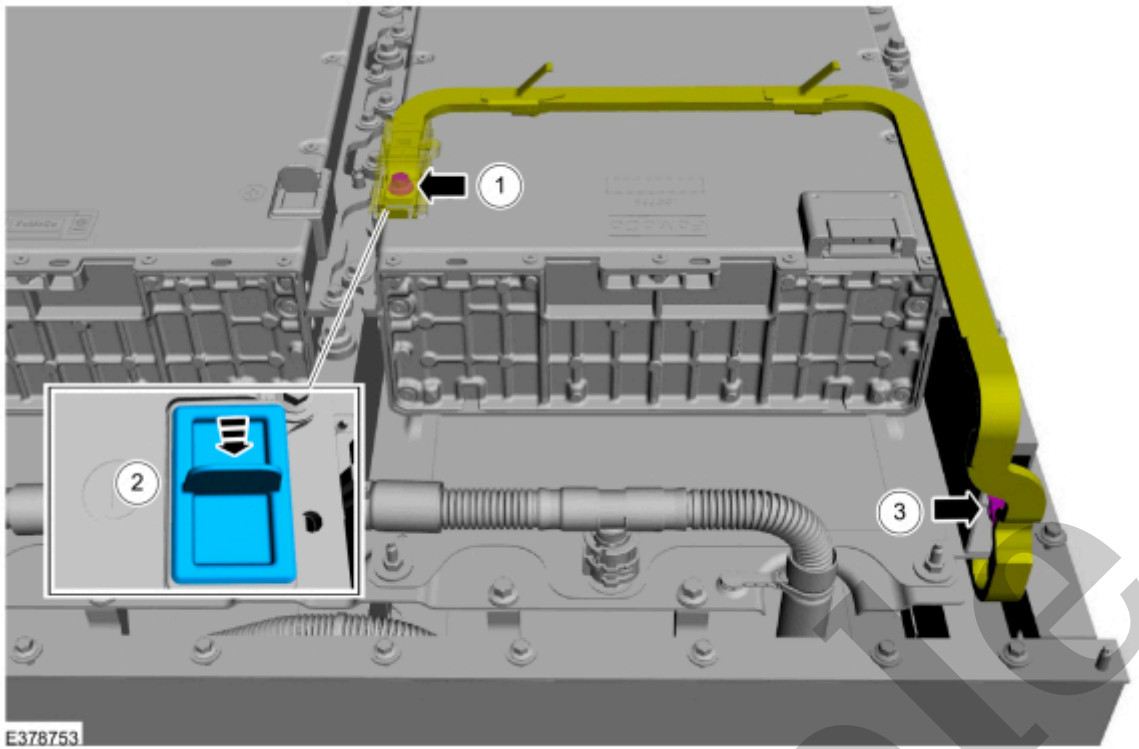
Torque : 119 lb.in (13.5 Nm)

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.

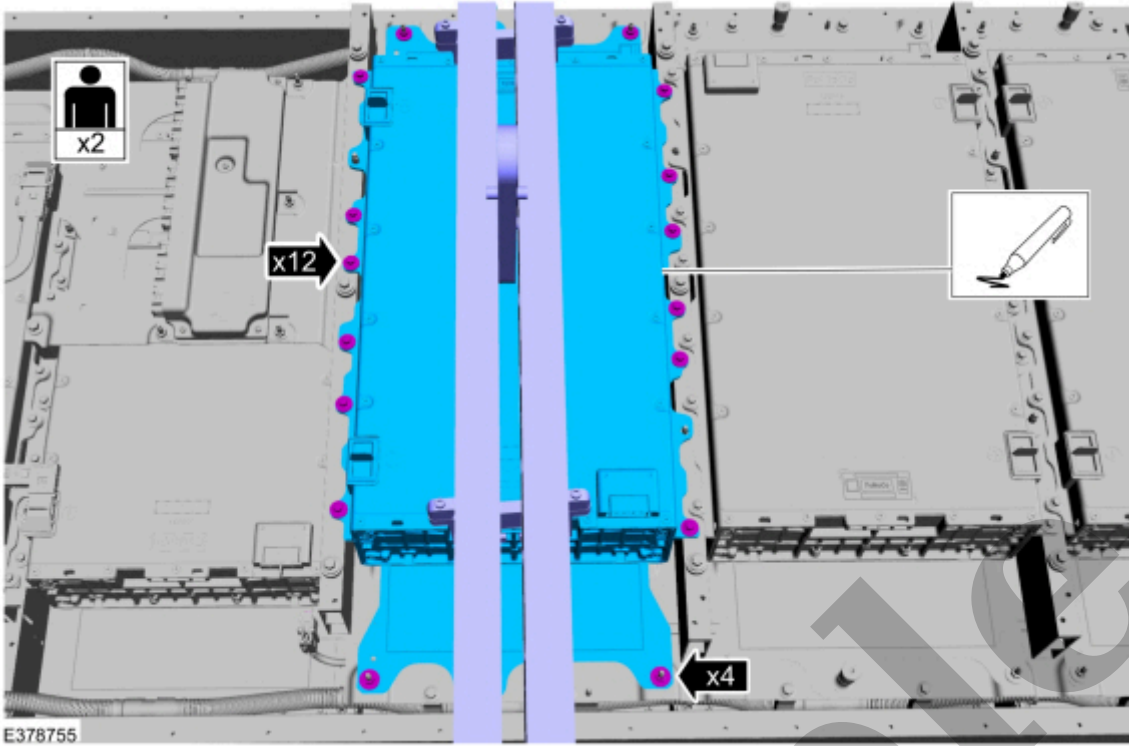


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14. Detach the retainers, release the cooling hose connectors to cooling plates and position the hose aside.



[Click here to learn about symbols, color coding, and icons used in this manual.](#)



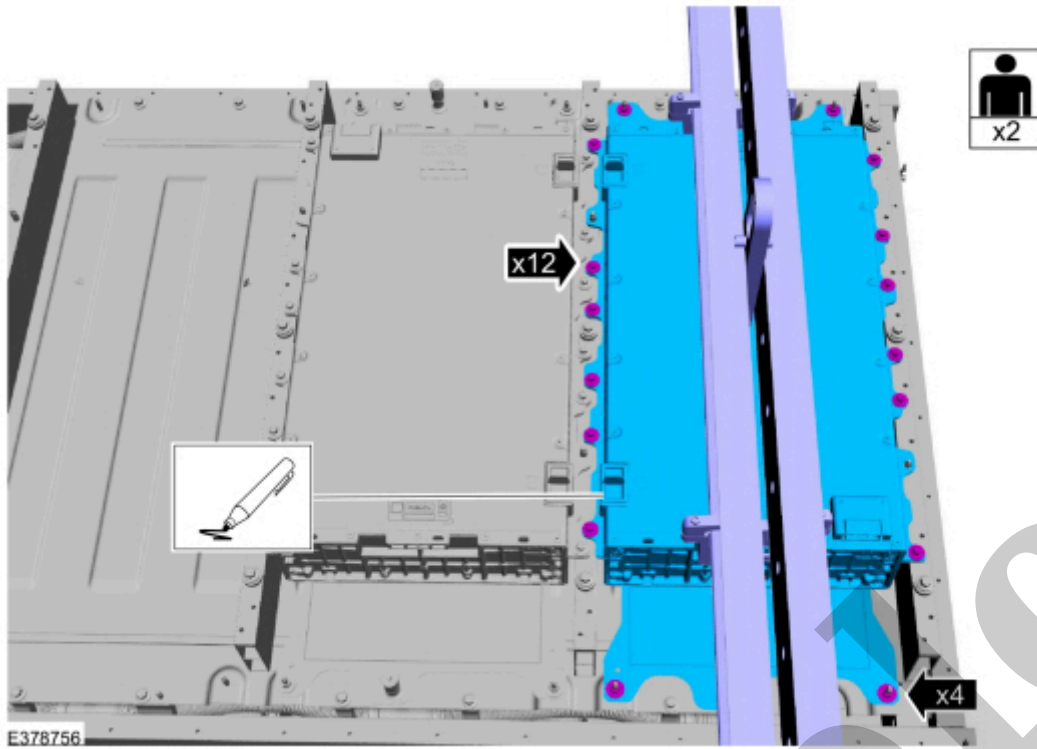
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17. 1. Install the battery array lift adaptors.

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

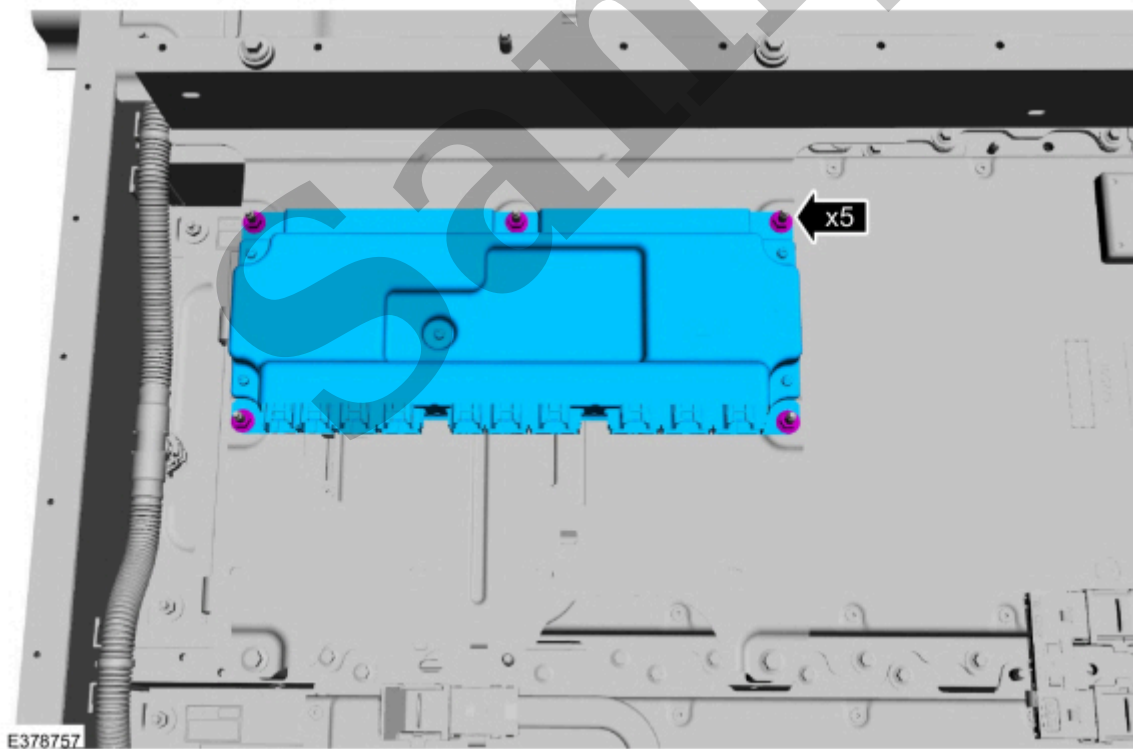
2. Install the battery lift fixture and position the battery array lift adaptors to the lift fixture and secure.

Use Special Service Tool : 414-016 Battery Lift Fixture

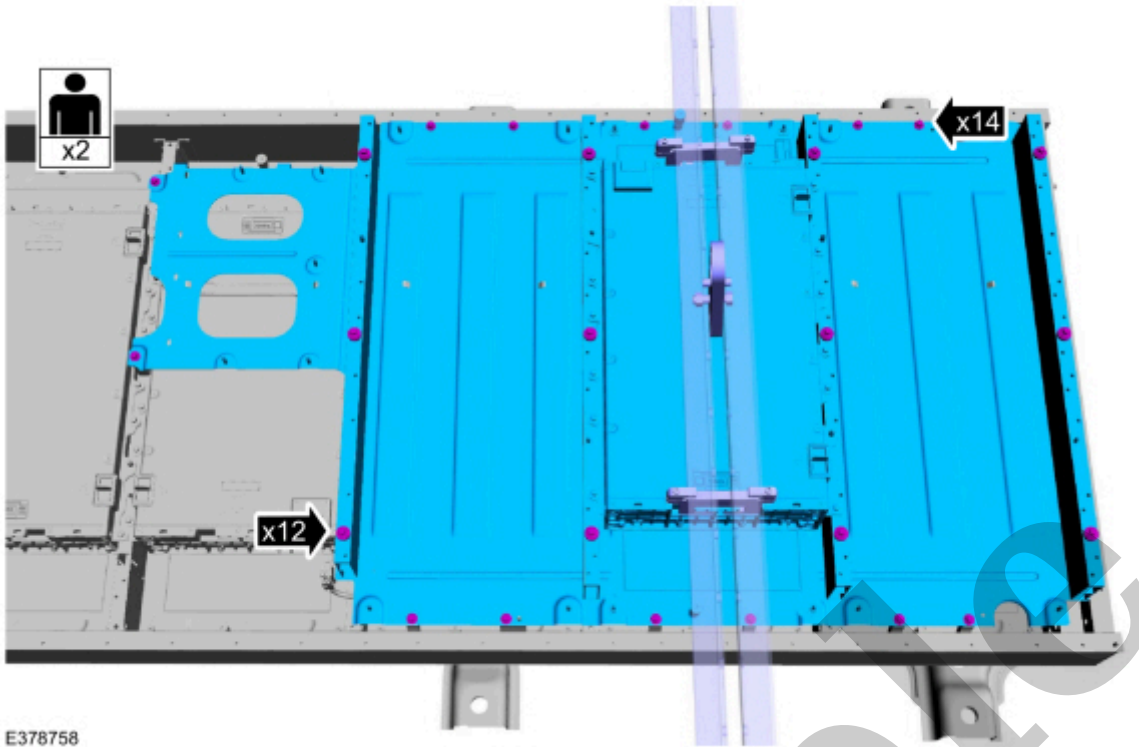


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19. Remove the nuts and the BECM (battery energy control module).



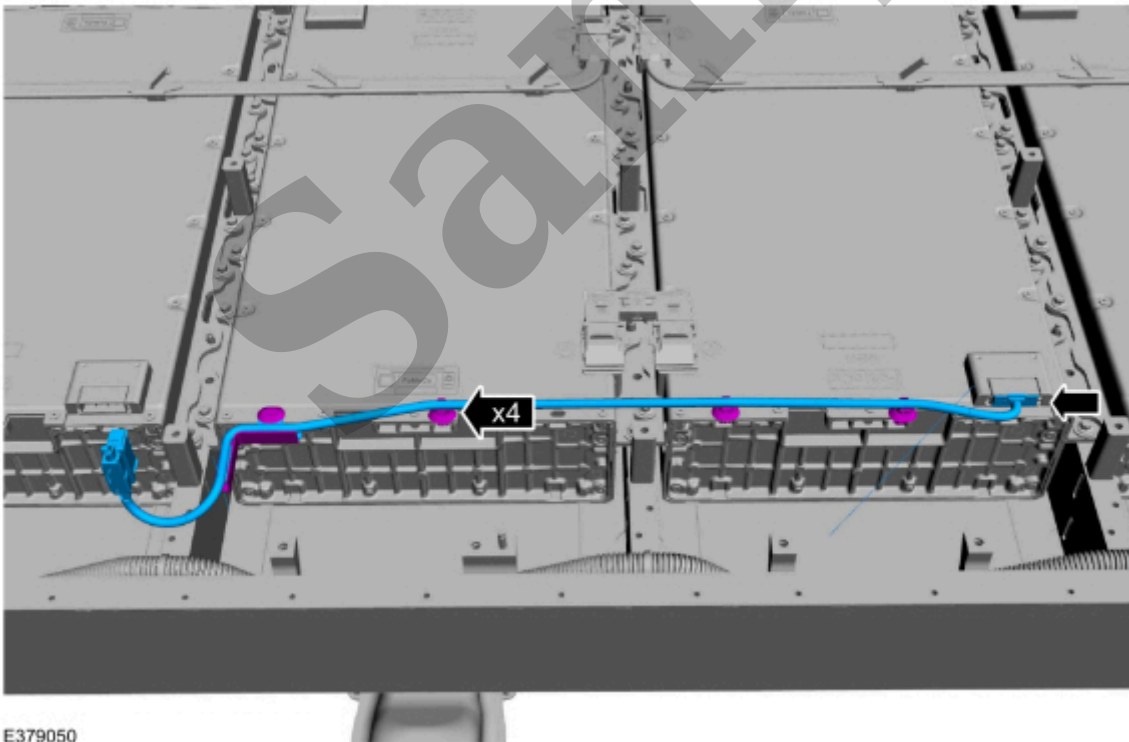
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[Click here to learn about symbols, color coding, and icons used in this manual.](#)

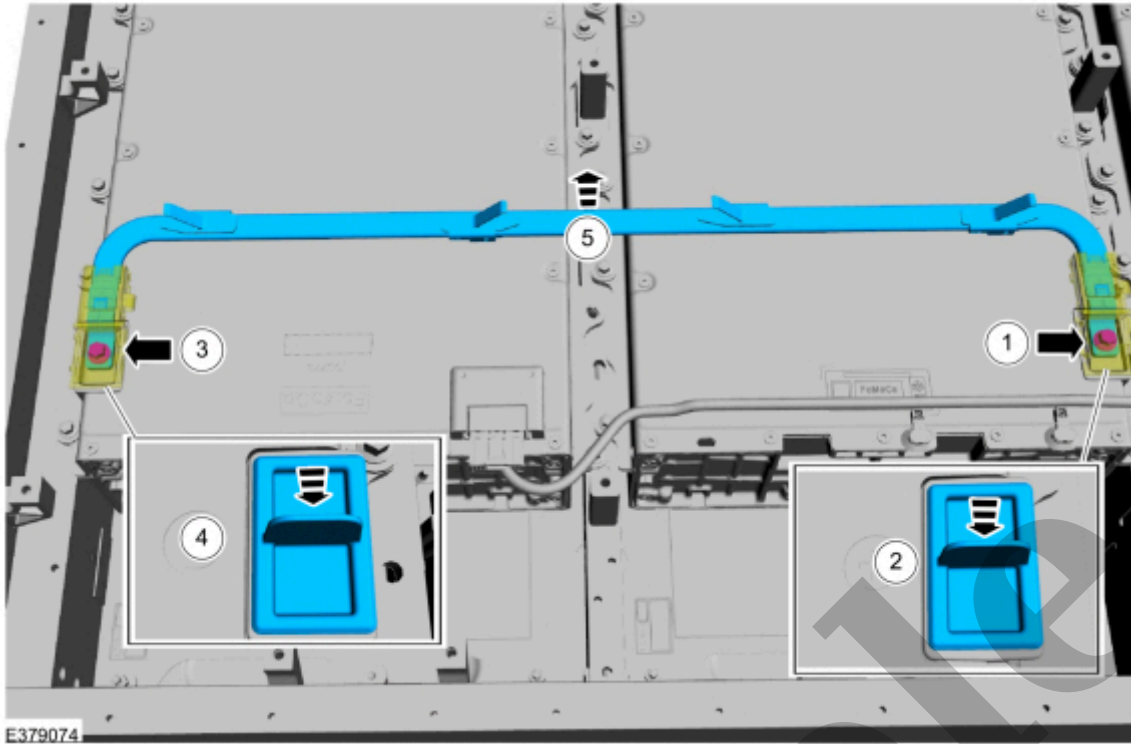
22. Detach the electrical retainers, disconnect and remove the harness.



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[Click here to learn about symbols, color coding, and icons used in this manual.](#)

23. Detach the electrical retainer, disconnect and position the harness aside.



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

25. 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.

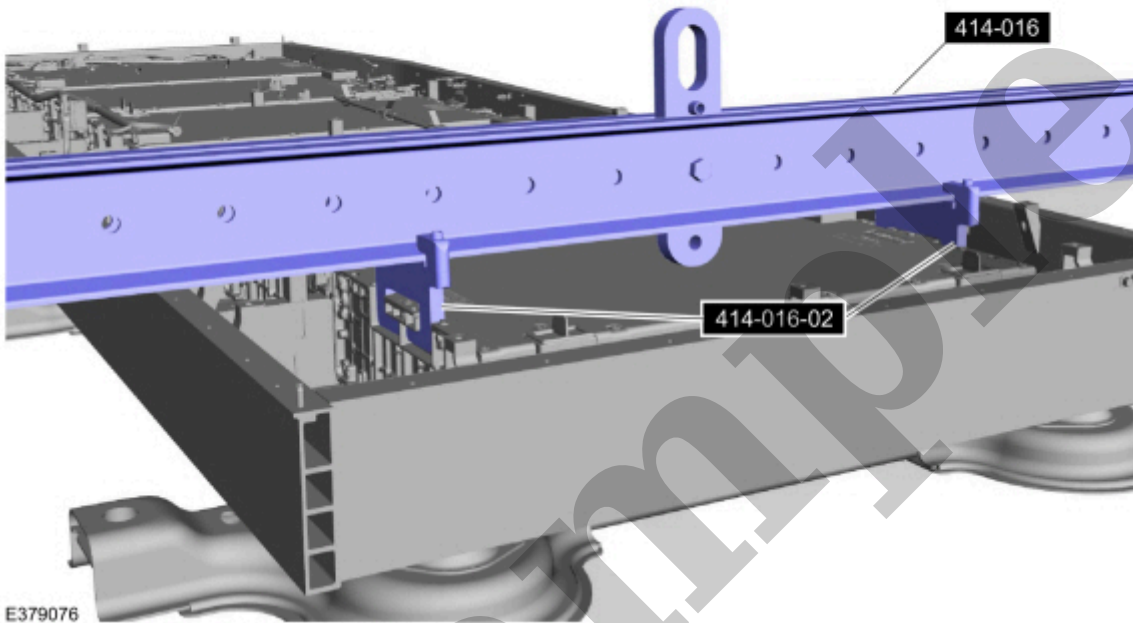
3. Remove the bus bar.

27. 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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28. • 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)