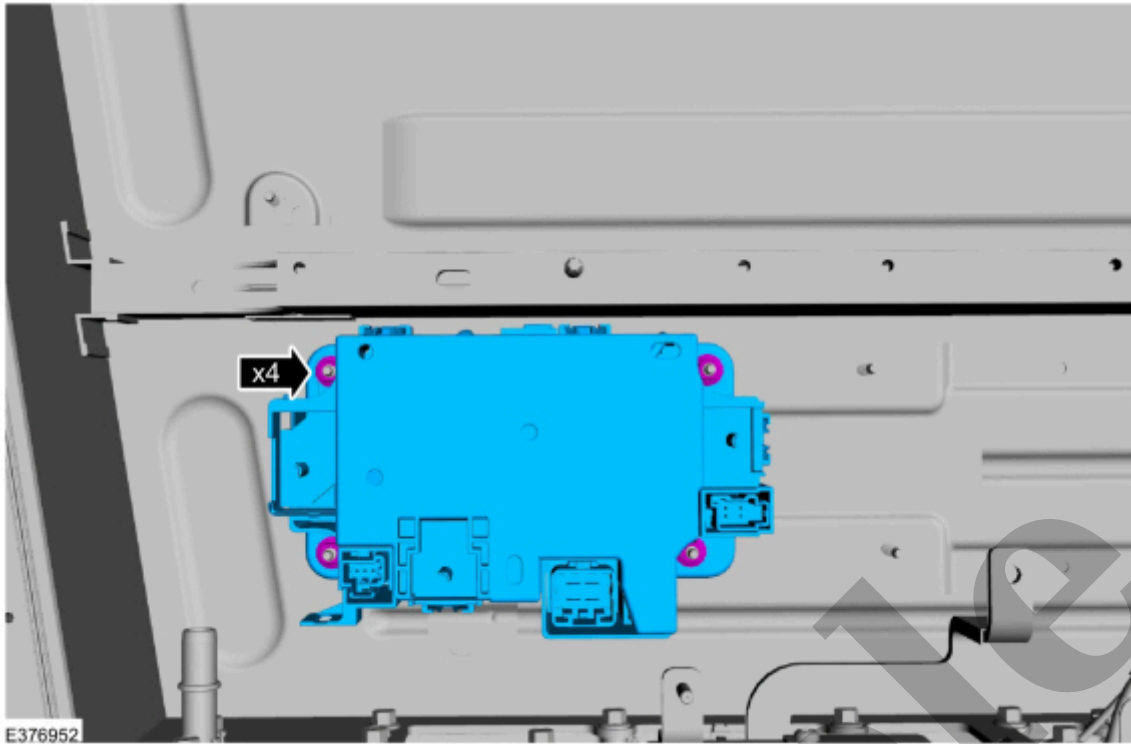


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1994 FORD Maverick SWB OEM Service and Repair Workshop Manual

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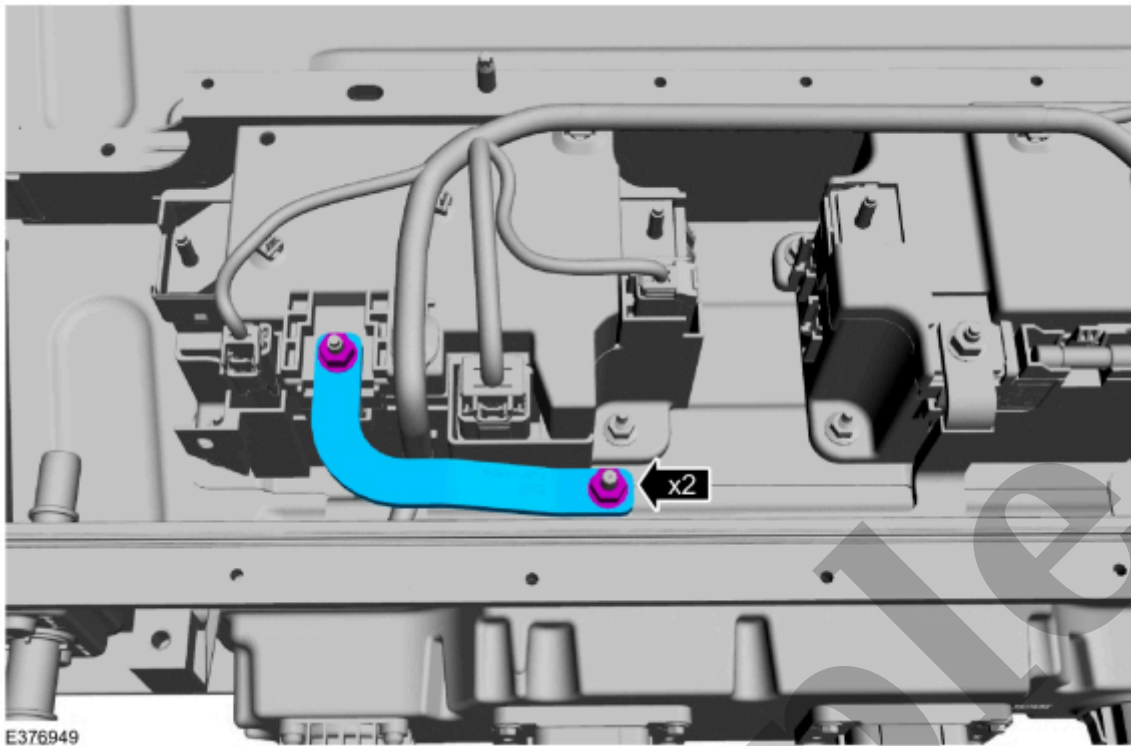
6. 1. Install the HVB (High Voltage Battery) junction box and nuts.

Torque : 119 lb.in (13.5 Nm)

2. Position back the bus bar and the pin-type retainer.

Torque : 106 lb.in (12 Nm)

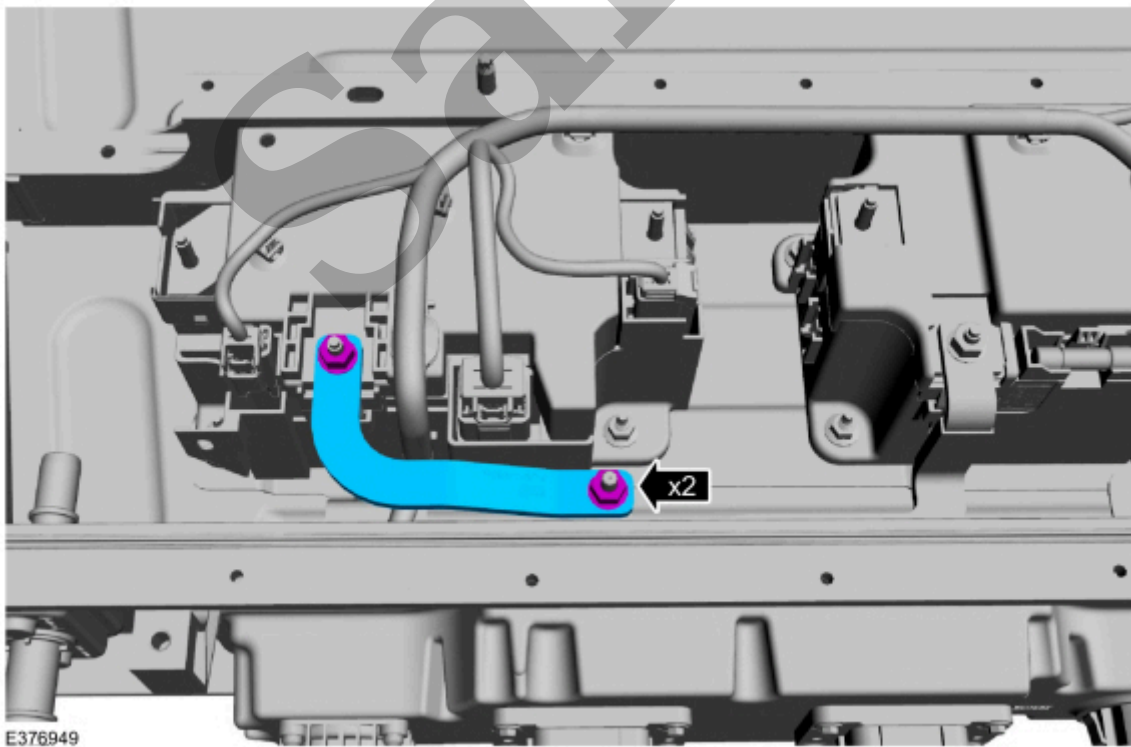
Torque : 106 lb.in (12 Nm)

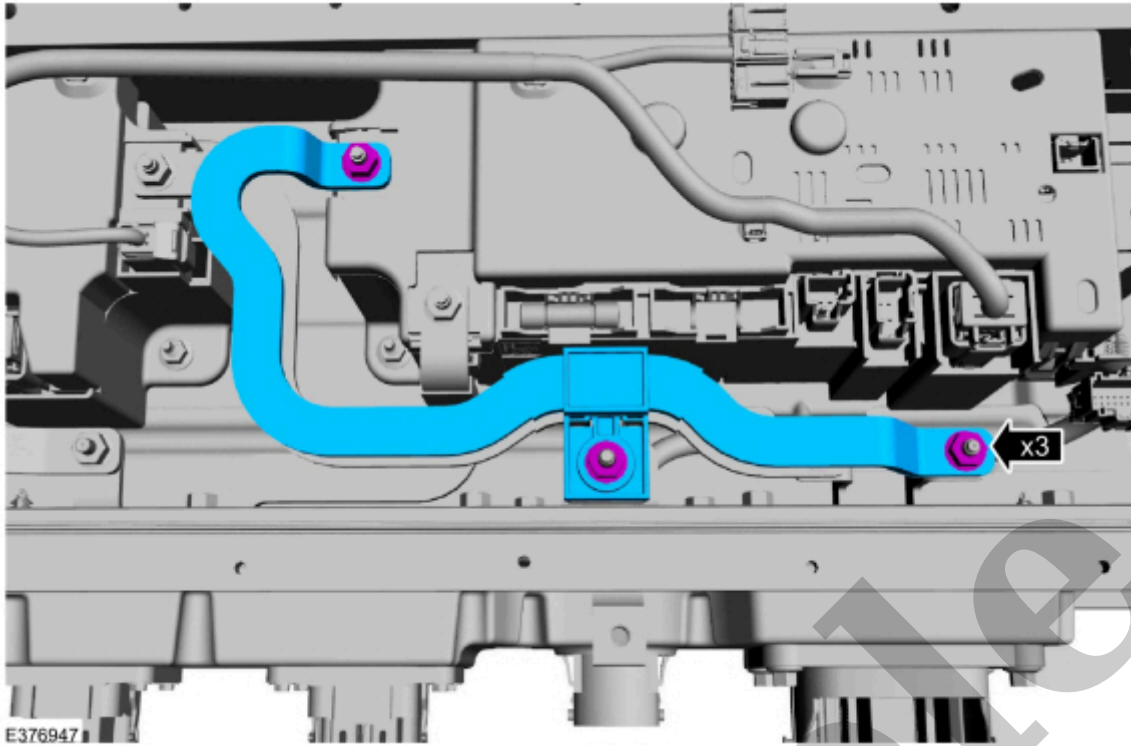


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9. Install the bus bar assembly and nuts.

Torque : 106 lb.in (12 Nm)



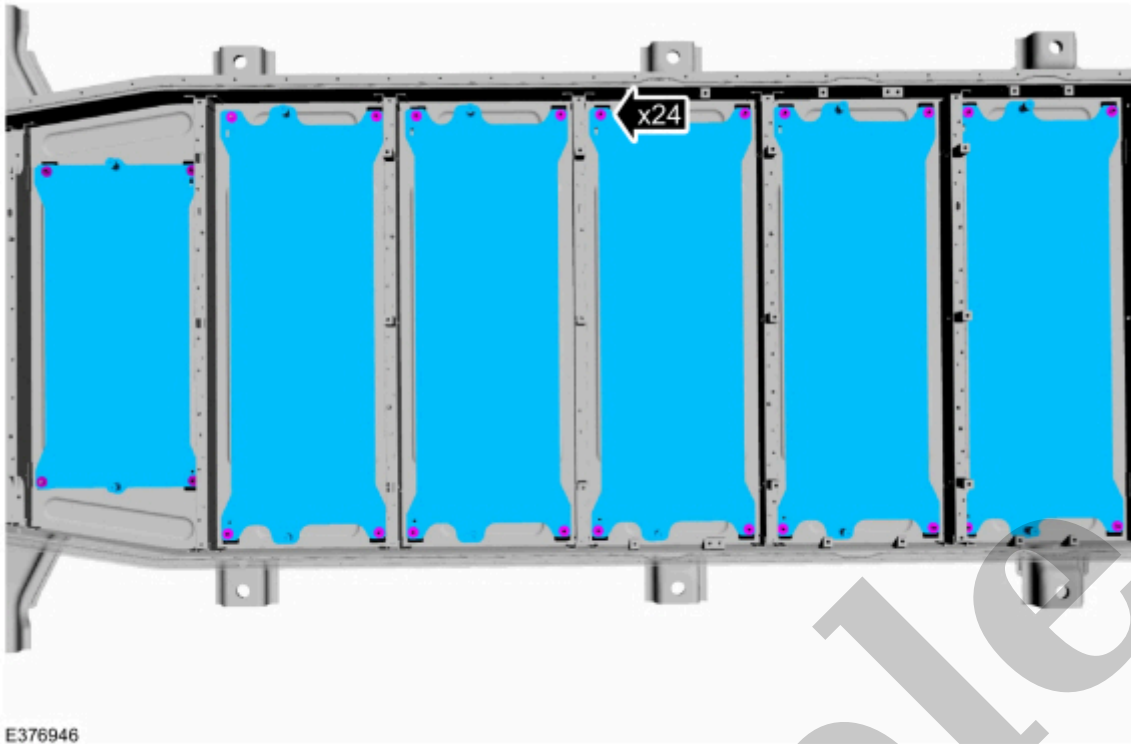


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12. NOTICE

For proper adhesion of the Thermal Interface Material (TIM), the cold plate must be clean and free of debris.

Clean and remove any debris from the top of the cold plate.

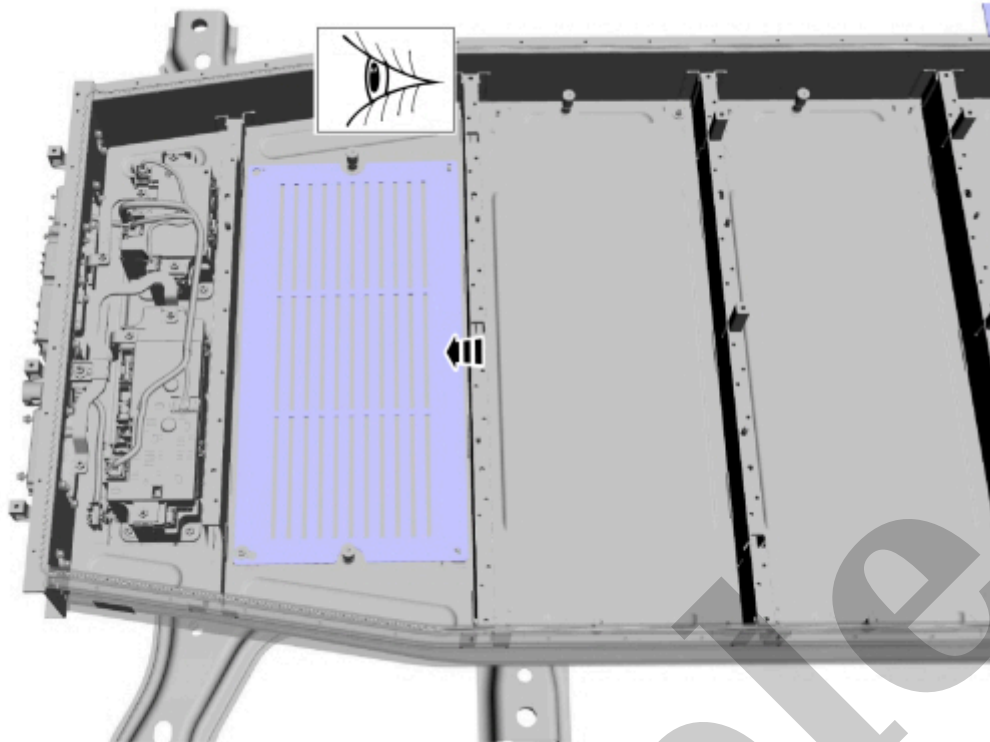


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14. **NOTE**

Make sure the correct application template is used and is properly orientated.

Extended range high voltage battery



E377732

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16. **NOTE**

The high voltage battery modules must be installed within 2 hours of applying the Thermal Interface Material (TIM).

NOTE

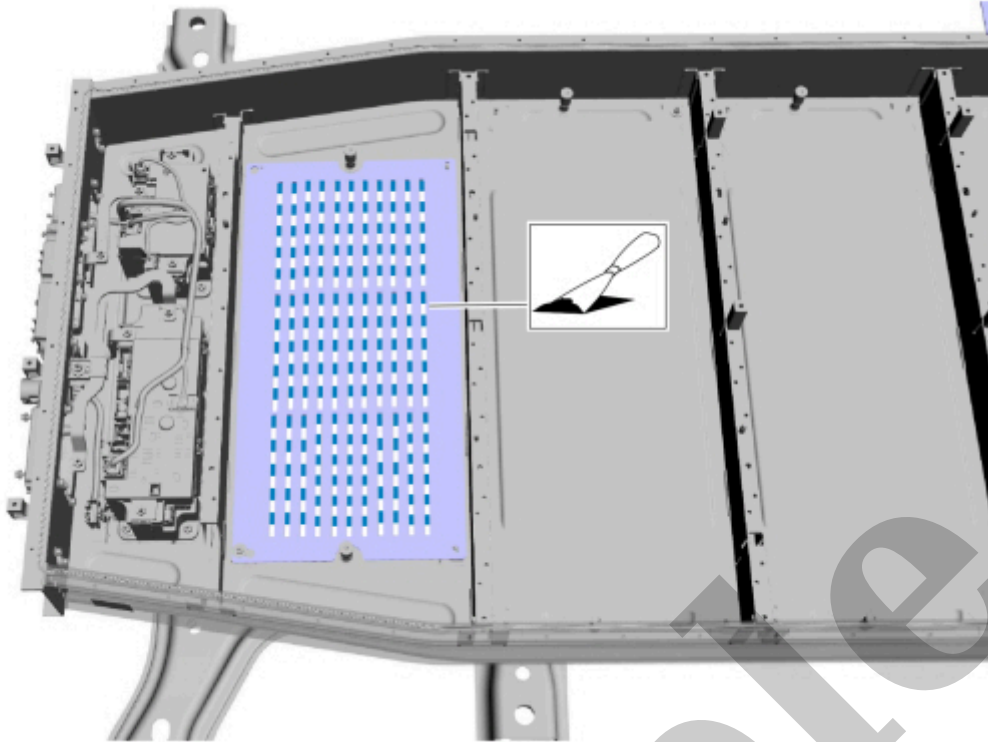
The use of two 200 mL (6.7 oz) of Thermal Interface Material (TIM) cartridges are necessary when replacing a single high voltage battery module.

NOTE

Use a power caulk gun that applies the Thermal Interface Material (TIM) with less effort and a continuous bead.

NOTE

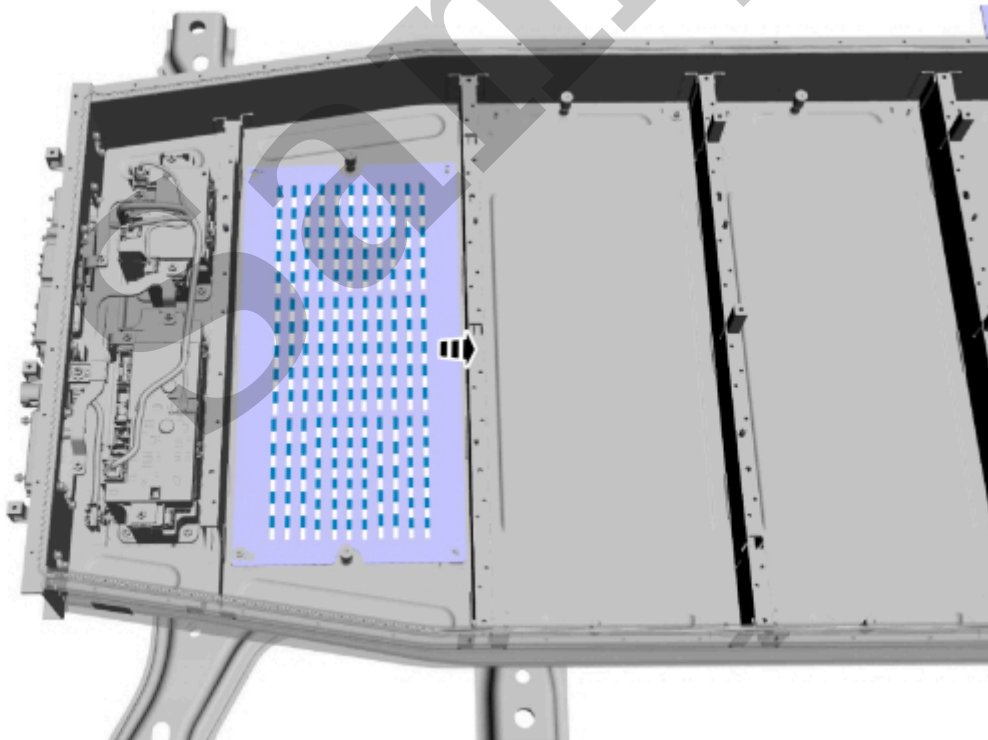
Prior to applying the mixing tip, activate the power caulk gun until both parts of the Thermal Interface Material (TIM) come out of the end and is evenly mixed. Discard the premix TIM. Install the mixing tip



E377730

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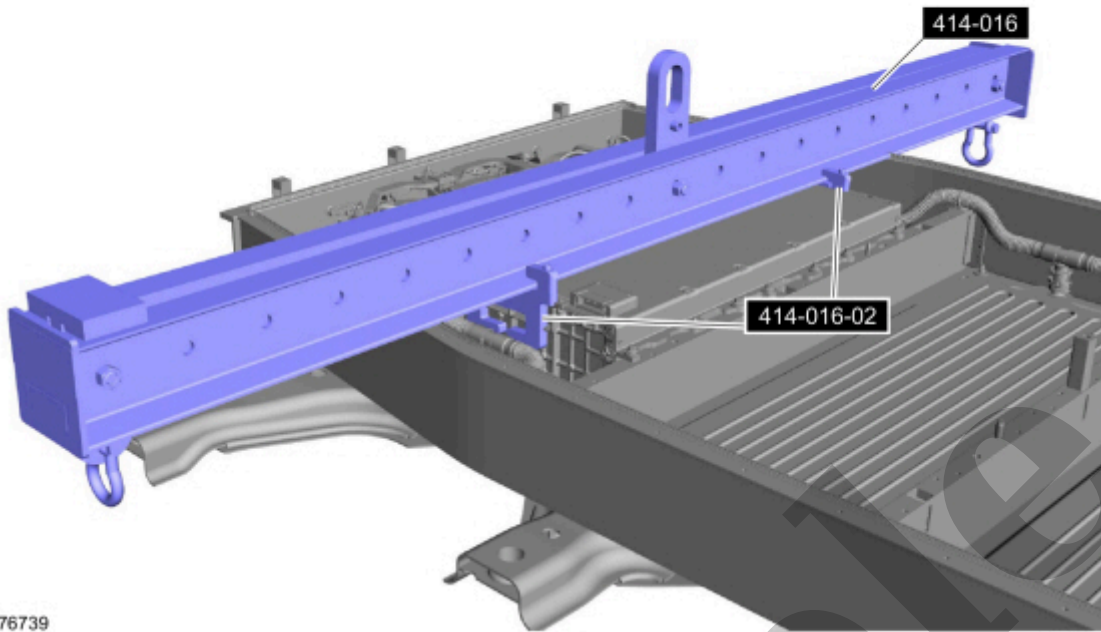
18. Remove the Thermal Interface Material (TIM) application template from the cold plate.



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19. Using a floor crane, install the battery array number nine and bolts.



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21. Follow steps 72 through 75 for Thermal Interface Material (TIM) application to the cold plate.

22. Using a floor crane, install the battery array number one and bolts.

Use the General Equipment: Floor Crane

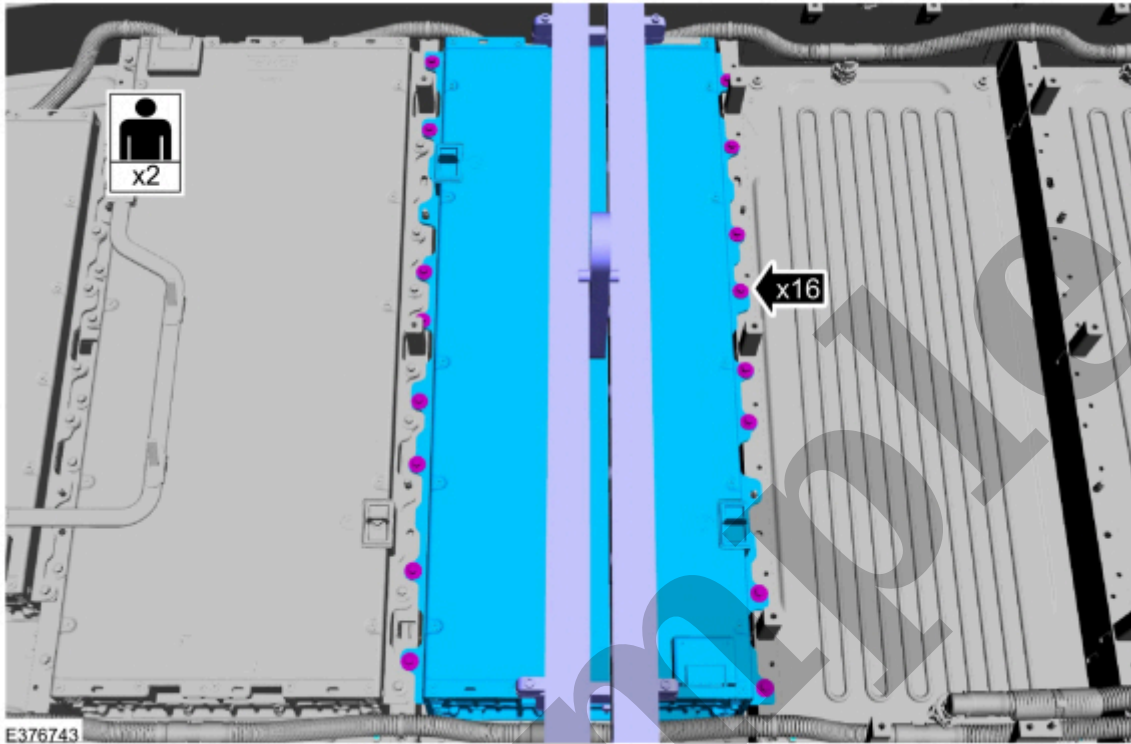
Torque : 133 lb.in (15 Nm)

24. Follow steps 72 through 75 for Thermal Interface Material (TIM) application to the cold plate.

25. Using a floor crane, install the battery array number two and bolts.

Use the General Equipment: Floor Crane

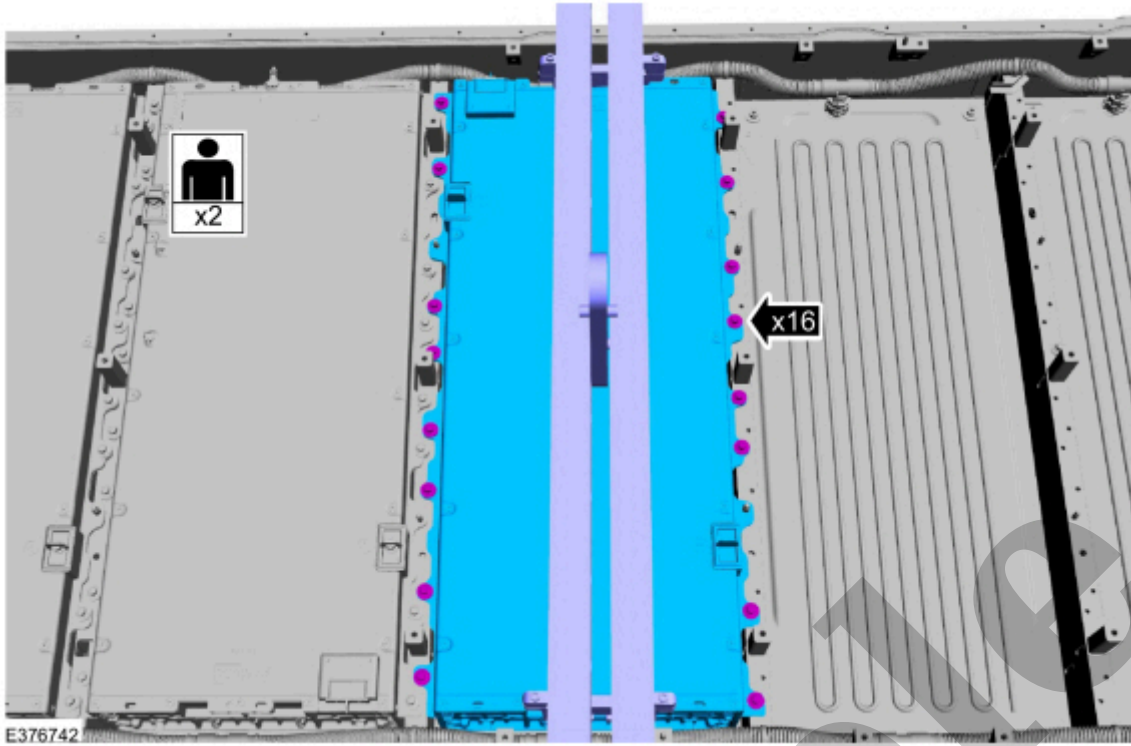
Torque : 133 lb.in (15 Nm)



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26. 1. Remove the battery array lift adaptors and the battery lift fixture.

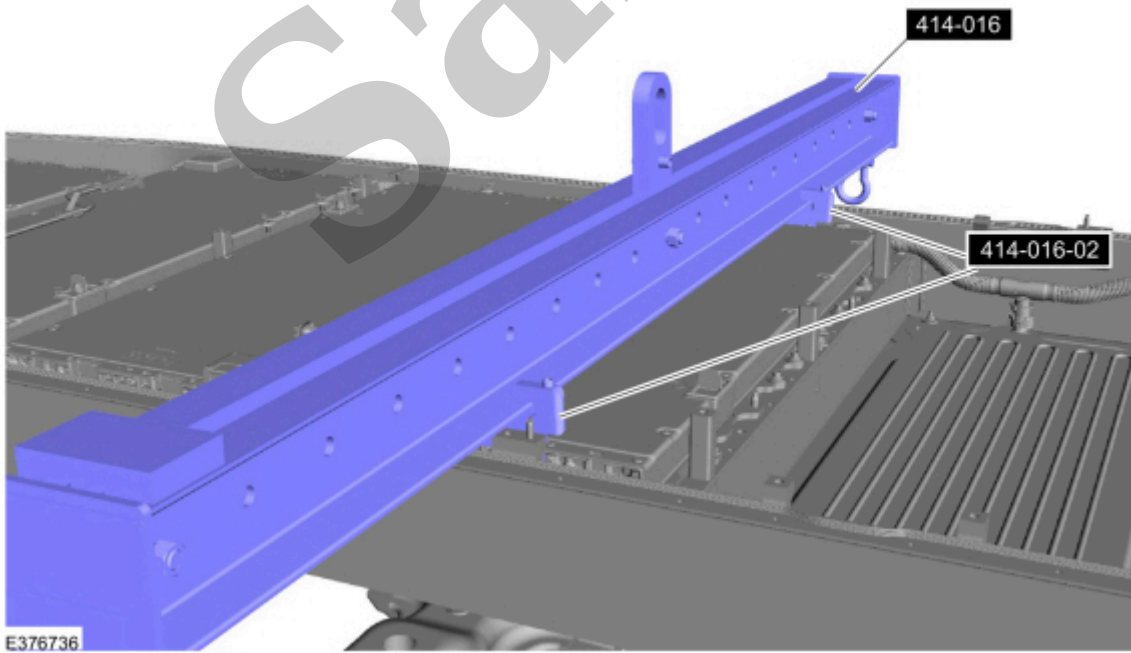
Use Special Service Tool : 414-016-02 Adapter for 414-016 , 414-016 Battery Lift Fixture



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29. 1. Remove the battery array lift adaptors and the battery lift fixture.

Use Special Service Tool : 414-016-02 Adapter for 414-016 , 414-016 Battery Lift Fixture



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