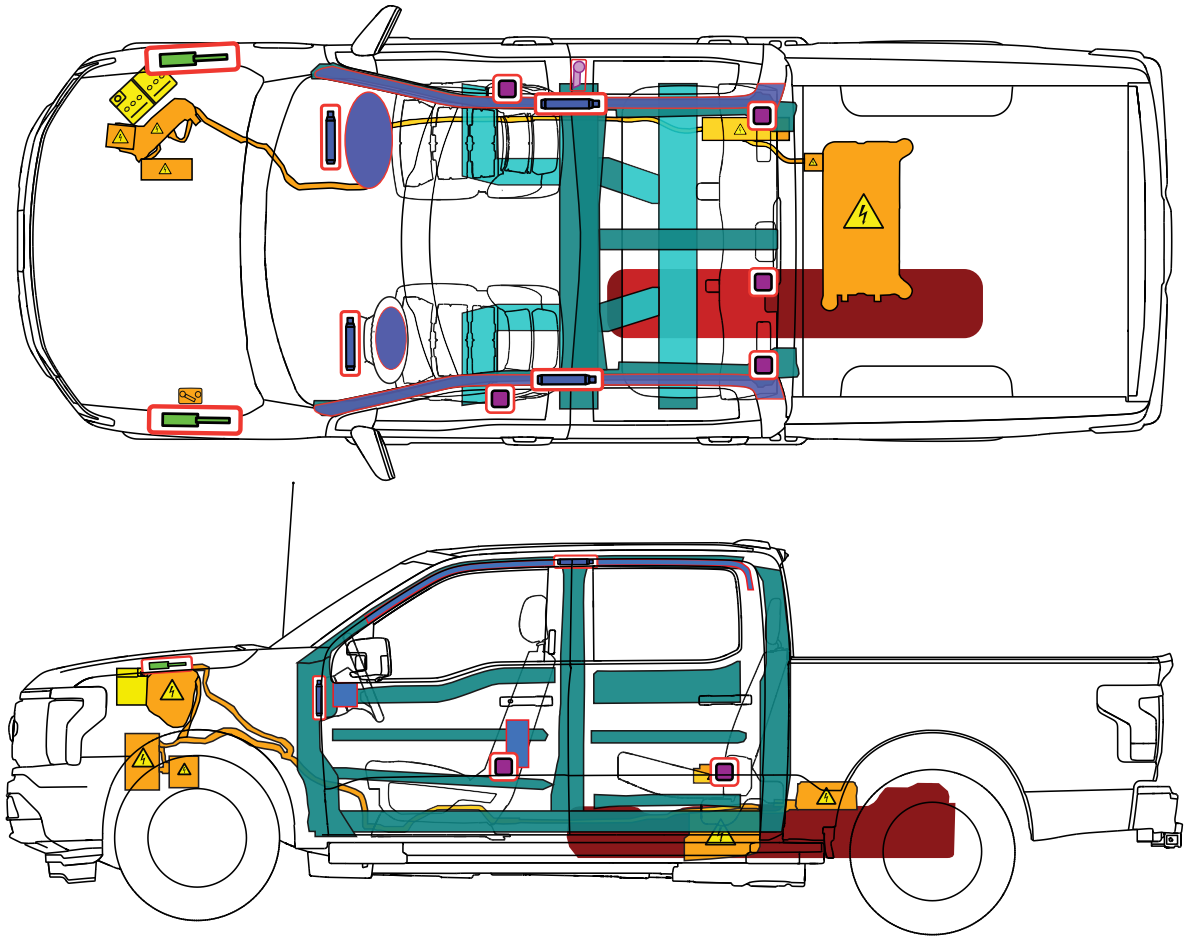
FORD **F-150 Hybrid**
2021 ->



Legend

- Airbag
- Structural Reinforce-ments
- Control unit
- High-voltage battery
- High-voltage disconnection point
- Gas generator
- Gas filled spring device
- Battery
- High-voltage wire / components
- Fuel tank Gasoline
- Seat belt tensioner

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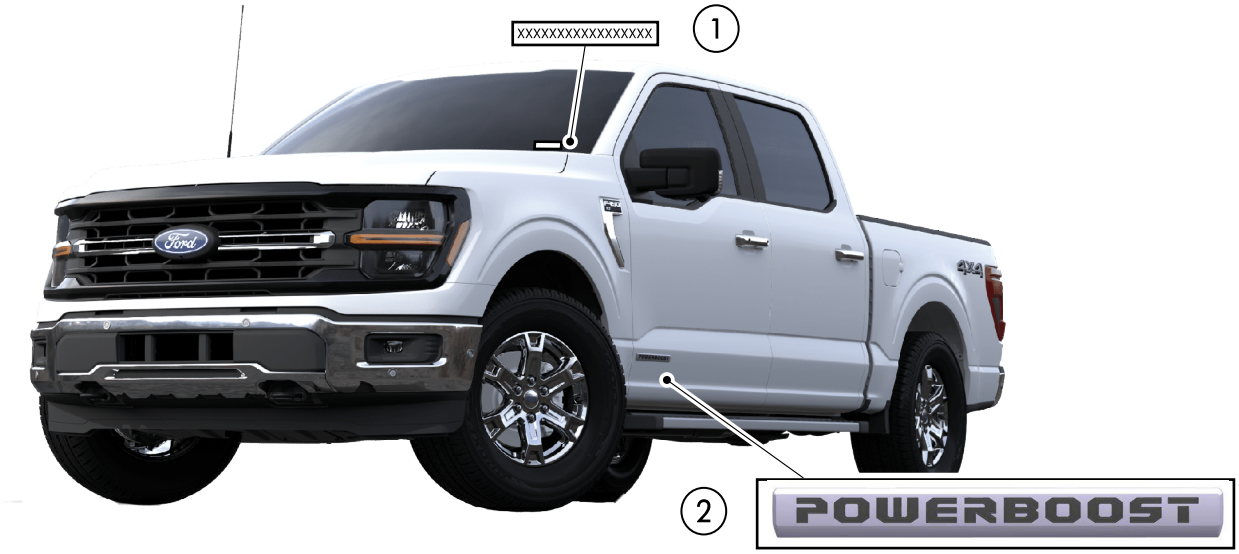
1. Identification / recognition



1. Vehicle Identification Number (VIN)
2. Powerboost badging on door.

Vehicle Identification Number (VIN) Layout

The 8th position of the VIN identifies the vehicle's engine type as electric.

D - 3.5L, V6, HEV PT

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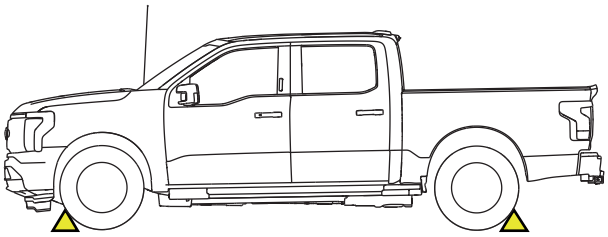
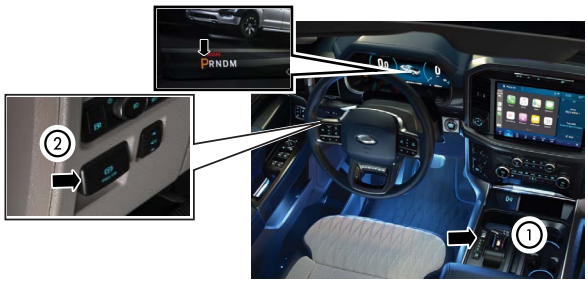
2. Immobilization / stabilization / lifting

IMMOBILIZATION

1. Position Wheel And Tire Chocks



2. Put vehicle into PARK position (1)
   Ensure parking brake is engaged (2)



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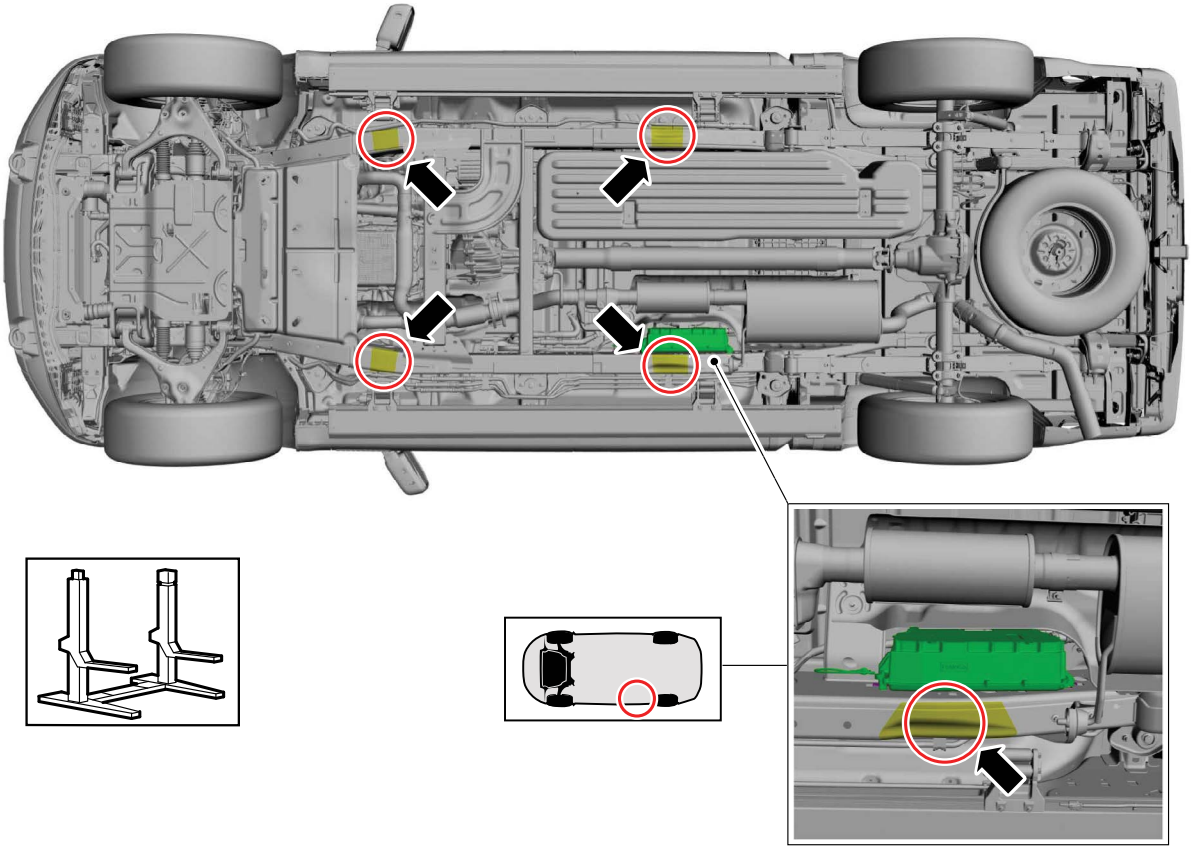
STABILIZATION / LIFTING POINTS



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3. Disable direct hazards / safety regulations

WARNING:
ELECTRIC VEHICLES DAMAGED BY A CRASH MAY HAVE COMPROMISED HIGH VOLTAGE SAFETY SYSTEMS AND PRESENT A POTENTIAL HIGH VOLTAGE ELECTRICAL SHOCK HAZARD. EXERCISE CAUTION AND WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (PPE) INCLUDING HIGH VOLTAGE SAFETY GLOVES AND BOOTS. REMOVE ALL METALLIC JEWELRY, INCLUDING WATCHES AND RINGS. ISOLATE THE HIGH VOLTAGE SYSTEM AS DIRECTED BY THIS DOCUMENT. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

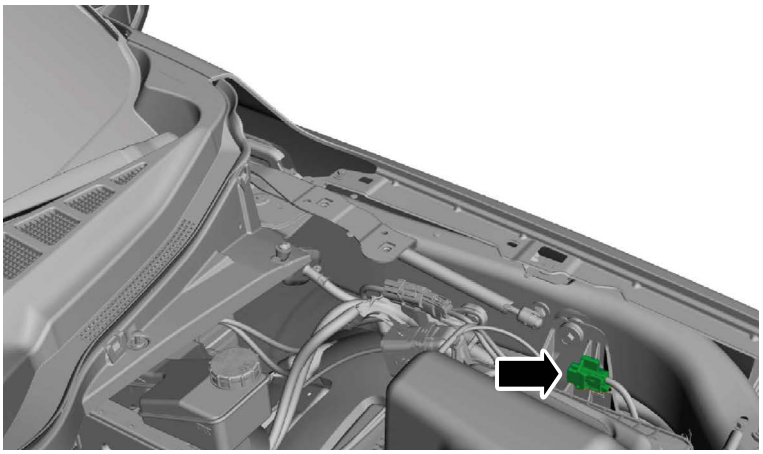
HIGH VOLTAGE SYSTEM DISABLE PROCEDURE

IMPORTANT:

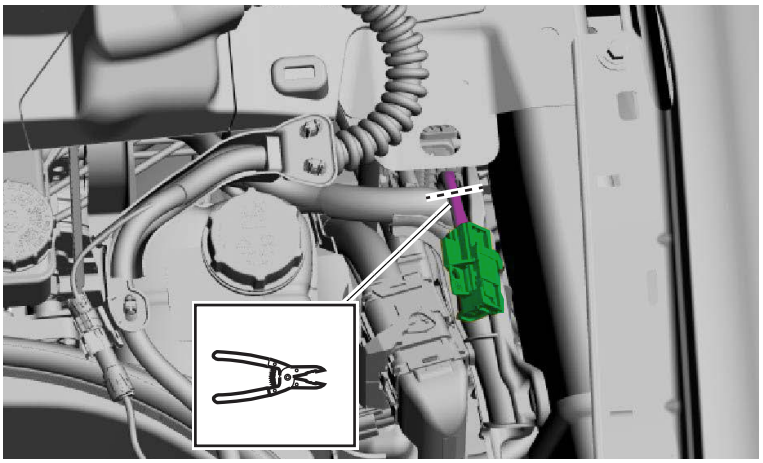
- Under urgent situations perform Option 1.
- Under non-urgent situations perform Option 2.

OPTION 1 - Under urgent situations ONLY

1. Open the hood and locate the Low Voltage Service Disconnect.



2. Cut the wires and remove the Low Voltage Service Disconnect. Isolate the wires to prevent reconnection.



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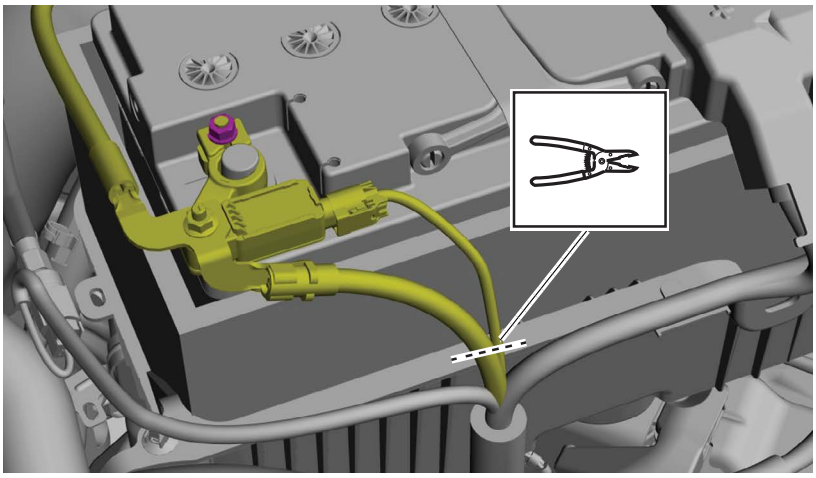
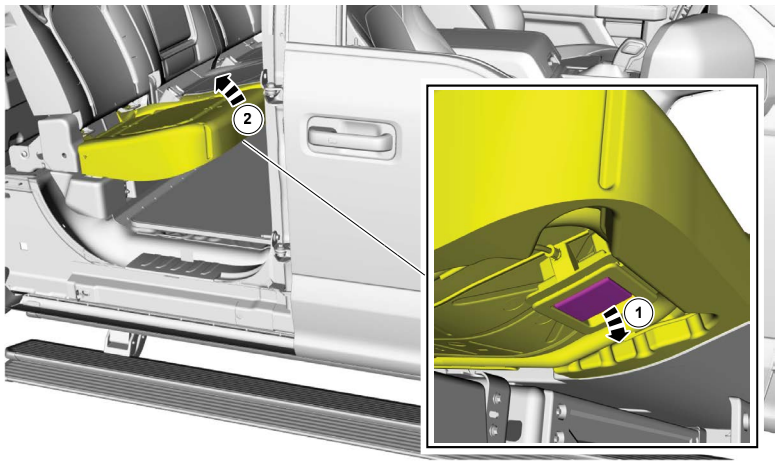
12 Volt Battery Disconnect - Disables Safety Restraint System (SRS)

3. Locate the negative battery cable to ground. Cut the cables. Isolate the cables to prevent reconnection.



If equipped with an auxiliary battery

4. Release the RH (right-hand) rear seat cushion latch. Then position the RH rear seat cushion upward.



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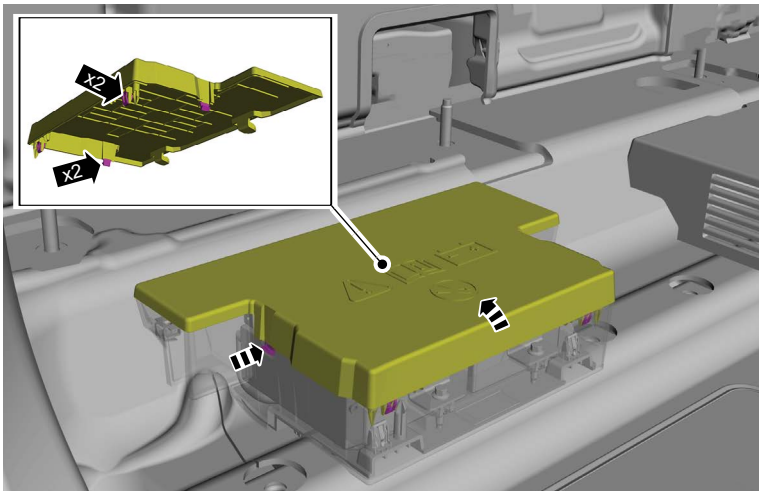
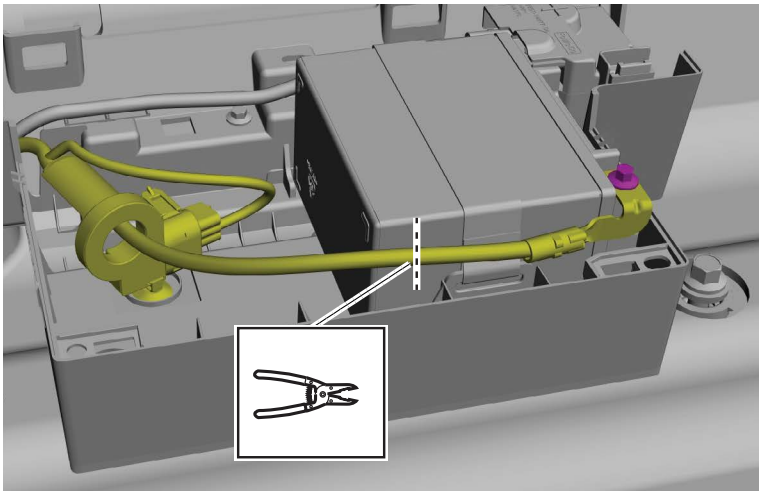
5. Release the tabs and clips, then position aside the aux battery cover.



6. Locate the aux negative battery cable. Cut the cable. Isolate the cable to prevent reconnection.



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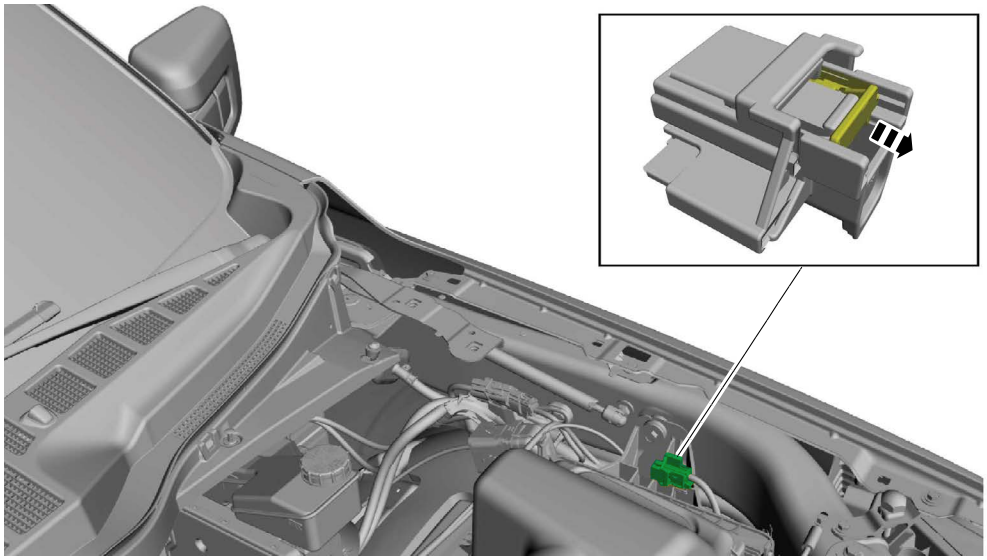
OPTION 2 - Under non-urgent situations

1. Ensure the vehicle transmission gear selector is in the PARK position. Check that the vehicle READY light is off to verify the high voltage system is disconnected. If the vehicle READY light is on, press the engine Start/Stop button to turn off the ignition.

Low Voltage Service Disconnect (Disables High Voltage System)

2. Locate the low-voltage service disconnect. Release the Connector Position Assurance (CPA) clip.



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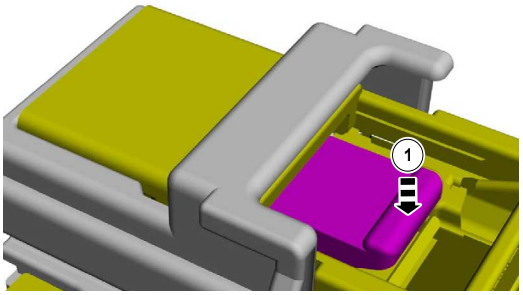
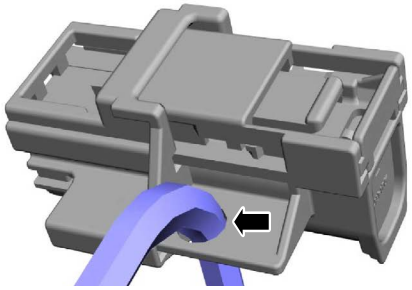
3. **NOTE:** The tab must be depressed prior to pushing the connector back in or damage to the connector may result.

Depress the tab while pulling the connector until the hole is completely visible on the top of the connector.



4. Insert a suitable tool inside the connector hole to prevent the connector from closing.



5. Wait a minimum of 5 minutes.

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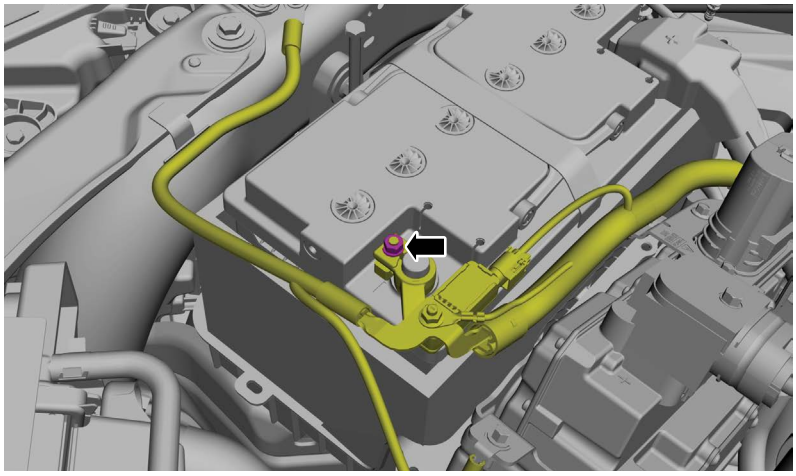
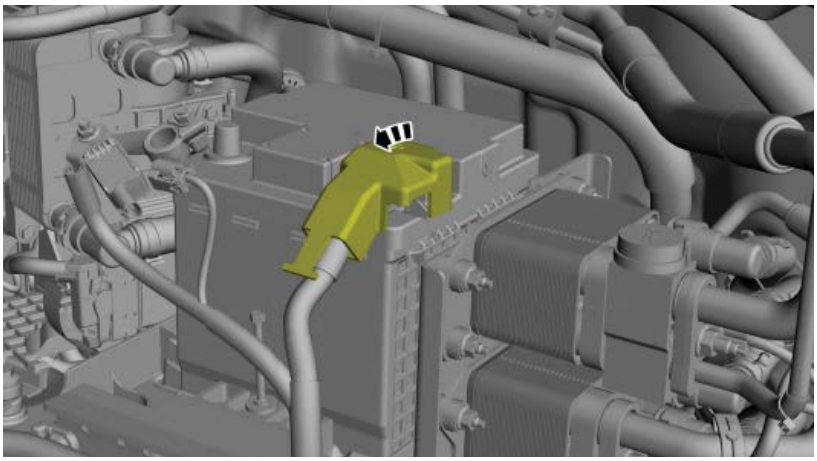
12 Volt Battery Disconnect - Disables Safety Restraint System (SRS)

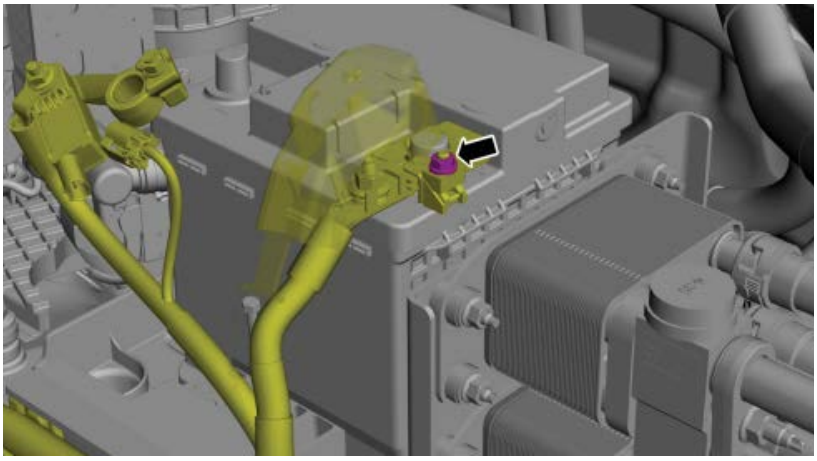
6. Loosen, but do not remove the nut. Position the negative battery cable aside.



7. Position the positive battery cable terminal cover aside.



8. Loosen, but do not remove the positive battery cable terminal nut.



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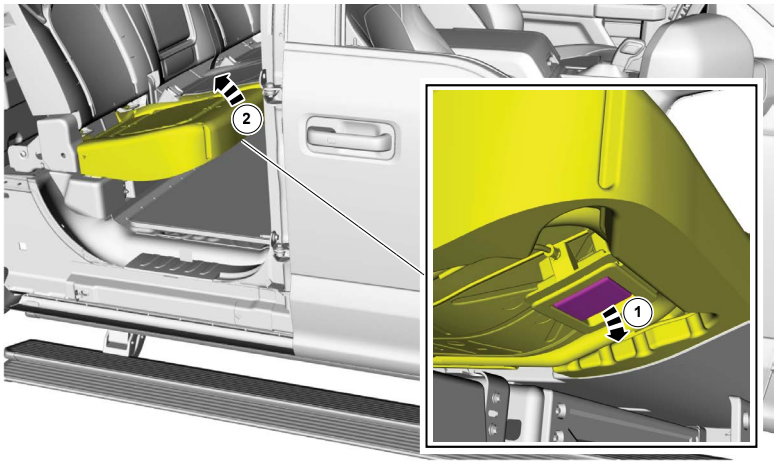
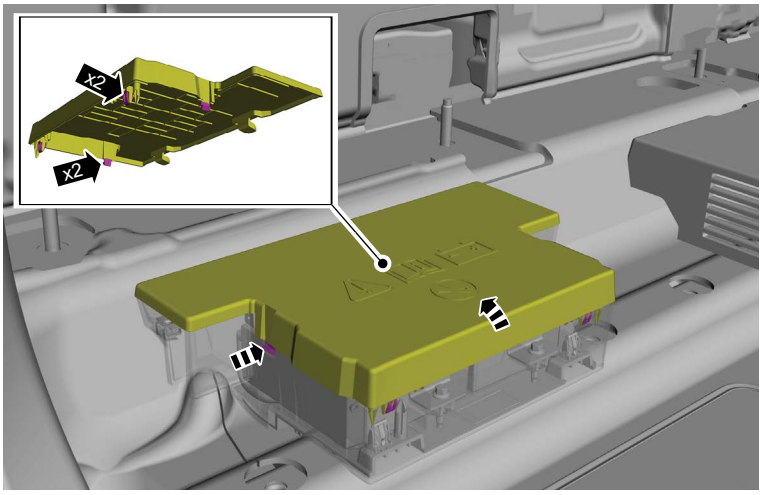
If equipped with an auxiliary battery

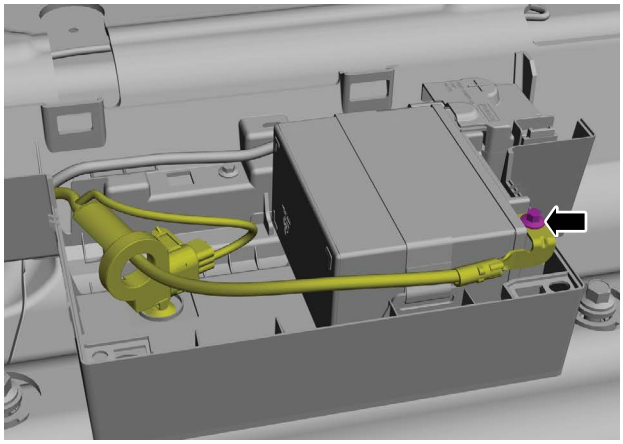
9. Release the RH (right-hand) rear seat cushion latch. Then position the RH rear seat cushion upward.



10. Release the tabs and clips, and position aside the aux battery cover.
    a. Using elecctrical tape, cover the negative battery cable terminal.



11. Disconnect the aux battery negative cable.



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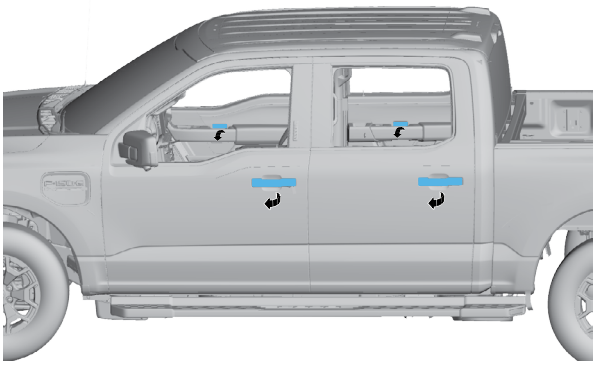
4. Access to the occupants



1 Laminated Safety Glass

2 Toughened Safety Glass

5. Stored energy / liquids / gases / solids

12 V

400 V

Refer to the vehicle overview illustration on Page 1 for location reference of the high voltage battery, 12V battery, gas tank, and other vehicle component locations.

6. In case of fire

If the vehicle is on fire, use a Class ABC powder-type extinguisher to contain and smother the flames. If water is being used, LARGE amounts of water is required to extinguish the flames. A fire-hydrant or dedicated fire hose can supply the needed amount. Water can cause some degree of arcing/shorting across the cell and/or battery terminals; it can also react with the electrolyte from the cells to generate additional combustible gas and other byproducts such as hydrofluoric acid. However, the cooling and smothering effects of flushing the affected article with large amounts of water and/or other fire suppression material is still beneficial for minimizing the severity of the event.

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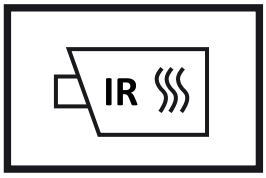
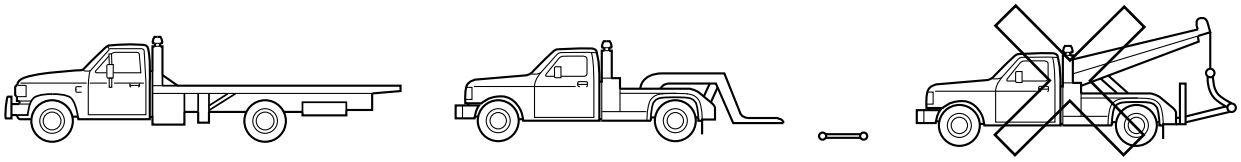
7. In case of submersion

If the vehicle is submerged in water, varying degrees of arcing/shorting within the battery will take place. Do not touch any High Voltage components or orange cables while removing the occupant(s). Do not remove the vehicle until you are sure the High Voltage battery is completely discharged. A submerged High Voltage battery may produce a fizzing or bubbling reaction to the water. If fizzing or bubbling is observed, the High Voltage battery will be discharged when the fizzing or bubbling has completely stopped. The battery should still be treated as if it is not discharged.

Battery Electric and Hybrid vehicles when submerged should only be handled while wearing the appropriate Personal Protective Equipment (PPE) for water rescue and vehicle extraction.

8. Towing / transportation / storage





NOTICE: Do not attempt to pull / tow vehicle with wheels on the ground as this may cause the vehicle to generate electricity and can cause potential damage.

NOTE: Front-wheel and rear-wheel drive vehicles must have their designated drive wheels off the ground. Use tow dollies to prevent damage to the transmission.

NOTE: All-wheel or four-wheel drive vehicles require that all wheels be off the ground using a wheel lift and dollies or flatbed equipment.

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9. Important additional information

For specific information and safety preparation regarding the High Voltage system, refer to: https://www.motorcraftservice.com, select quick guides for the appropriate vehicle emergency response guide.

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10. Explanation of pictograms used

Flammable

Explosive

Corrosives

Hazardous to the human health

Environmental hazard

Use water to extinguish the fire

Use ABC powder to extinguish the fire

General warning

Warning, Electricity

Use infrared thermometer / Thermal Infrared camera