

| FORD SERVICE

2021-2022 F-150 Hybrid Rescue Card

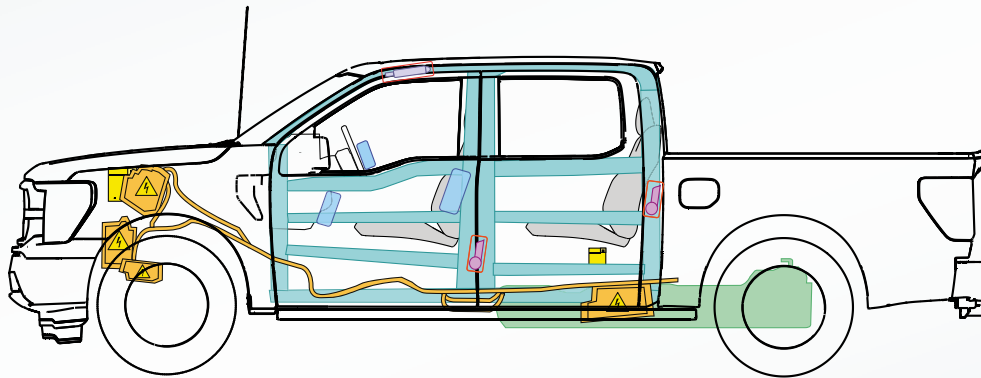
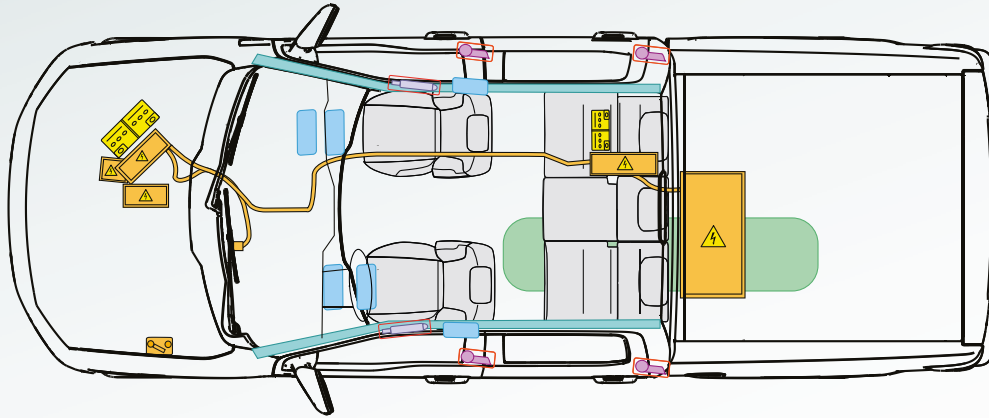


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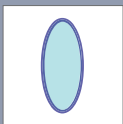
Rescue Cards

FORD F-150 - Hybrid

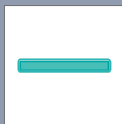
2021 ->



Legend



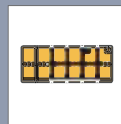
Air bag



Structural Reinforcements



Control unit



High-voltage battery



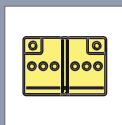
Pedestrian Protection System



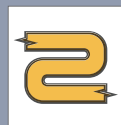
Gas generator



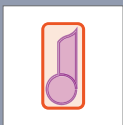
Active rollover protection



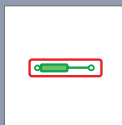
Battery



High-voltage wire / components



Seat belt tensioner



Gas filled spring device



Fuel tank



High-voltage disconnection point

(Publication Date: 12/2021)



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INTRODUCTION

The emergency response procedures for F-150 Hybrid vehicles are similar to those for traditional gasoline-powered vehicles, with special considerations for the high-voltage electrical system components. These vehicles use an electric motor in addition to a conventional gasoline engine to power the vehicle.

⚠ WARNING: ALWAYS ASSUME THE VEHICLE'S HIGH-VOLTAGE SYSTEM IS POWERED UP! Before accessing the vehicle make sure that any external power supply is disconnected (e.g. electric charger, electric tools). Failure to follow these instructions may result in serious personal injury or death.

HYBRID ELECTRIC VEHICLE IDENTIFICATION

Identification using vehicle characteristics



1. "POWERBOOST" emblem on front door

2. Under-hood Orange High-Voltage cables

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HIGH-VOLTAGE SYSTEM DEPOWERING

WARNINGS:

 The high-voltage system may retain a dangerous level of voltage for a short time after the high-voltage system is depowered. Wait 5 minutes for the voltage to dissipate before beginning service. Failure to follow this instruction may result in serious personal injury or death.

 Hybrid 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 jewellery, including watches and rings. Depower the high-voltage system as directed by this section. Failure to follow these instructions may result in serious personal injury or death.

 Fires in crash-damaged electric vehicles may emit toxic or combustible gases. Small amounts of eye, skin or lung irritants may be present. Wear personal protective equipment (PPE) and self-contained breathing apparatus when working in close proximity or in a confined area, such as a tunnel or garage. Ventilate the vehicle interior by opening vehicle windows or doors. Ventilate the working area. Failure to follow this instruction may result in serious personal injury or death.

 To prevent the risk of high-voltage shock, always follow all warnings and service instructions precisely including instructions to depower the system. The high-voltage system utilises voltage in excess of 450 V DC. This voltage is provided through high-voltage cables to components and modules. The high-voltage cables and wiring are identified by orange harness tape or orange wire covering. All high-voltage components are marked with high-voltage warning labels with a high-voltage symbol. Failure to follow these instructions may result in serious personal injury or death.

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.
2. Open the hood.

NOTE: In a time-sensitive situation, the 12 V battery negative and positive cables may be cut to save time.

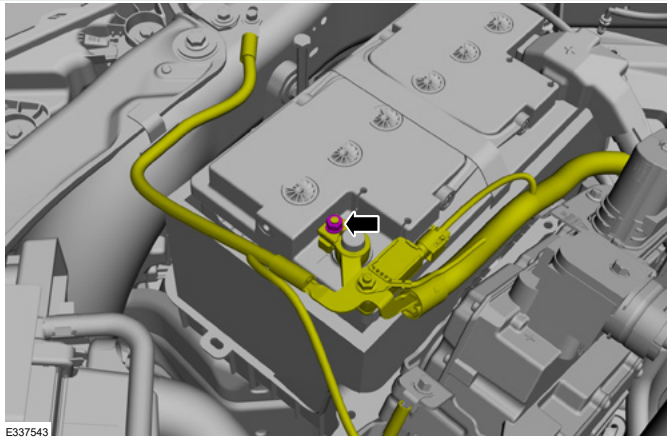


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- Loosen, but do not remove the nut. Position the negative battery cable aside.

- Isolate the negative battery cable with electrical tape.

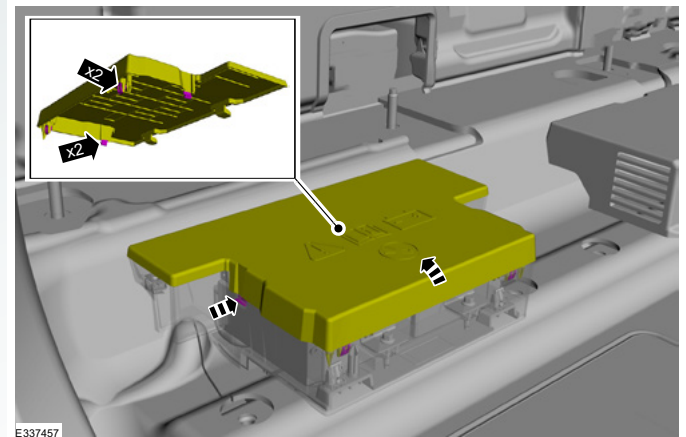


Hybrid Vehicles with an auxiliary battery

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

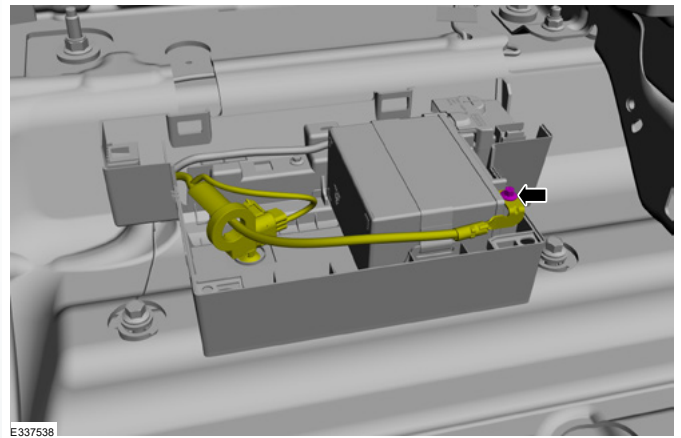


- Release the taps, clips and position aside the aux battery cover.



NOTE: In a time-sensitive situation, the 12 V battery negative and positive cables may be cut to save time.

- Disconnect the aux battery negative cable.



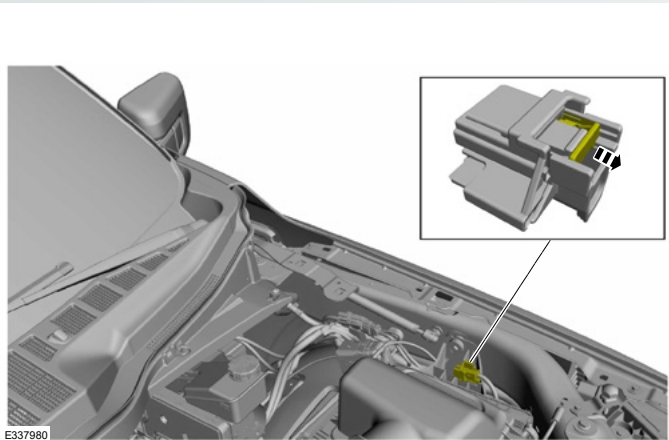
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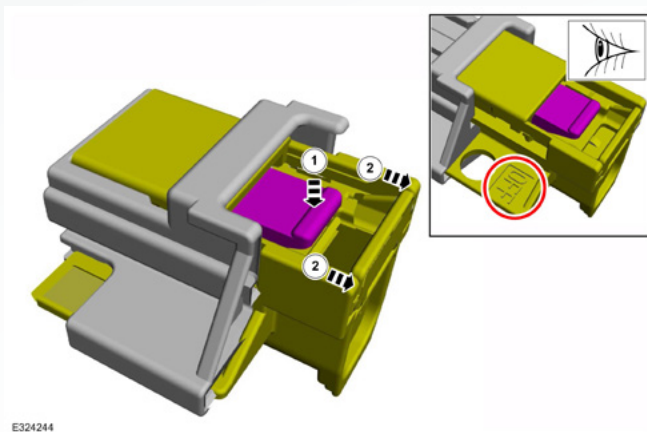
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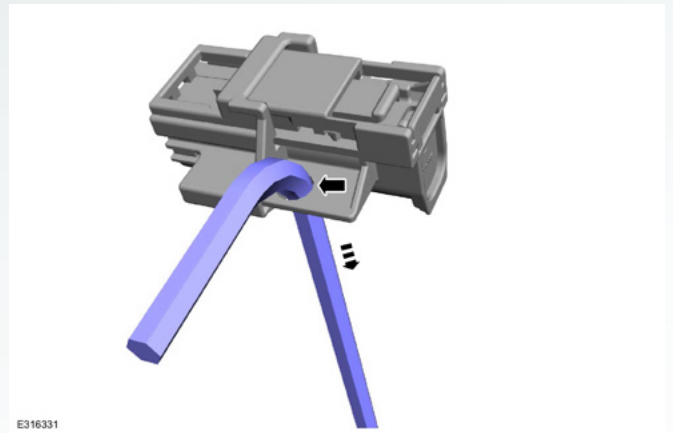
7. Release the Connector Position Assurance (CPA) clip.



8. Depress the release tab and slide out until the OFF label is visible.



9. Insert a suitable tool in the lock out to prevent reinsertion.



⚠ The high-voltage system may retain a dangerous level of voltage for a short time after the high-voltage system is depowered. Wait 5 minutes for the voltage to dissipate before beginning service. Failure to follow this instruction may result in serious personal injury or death.

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