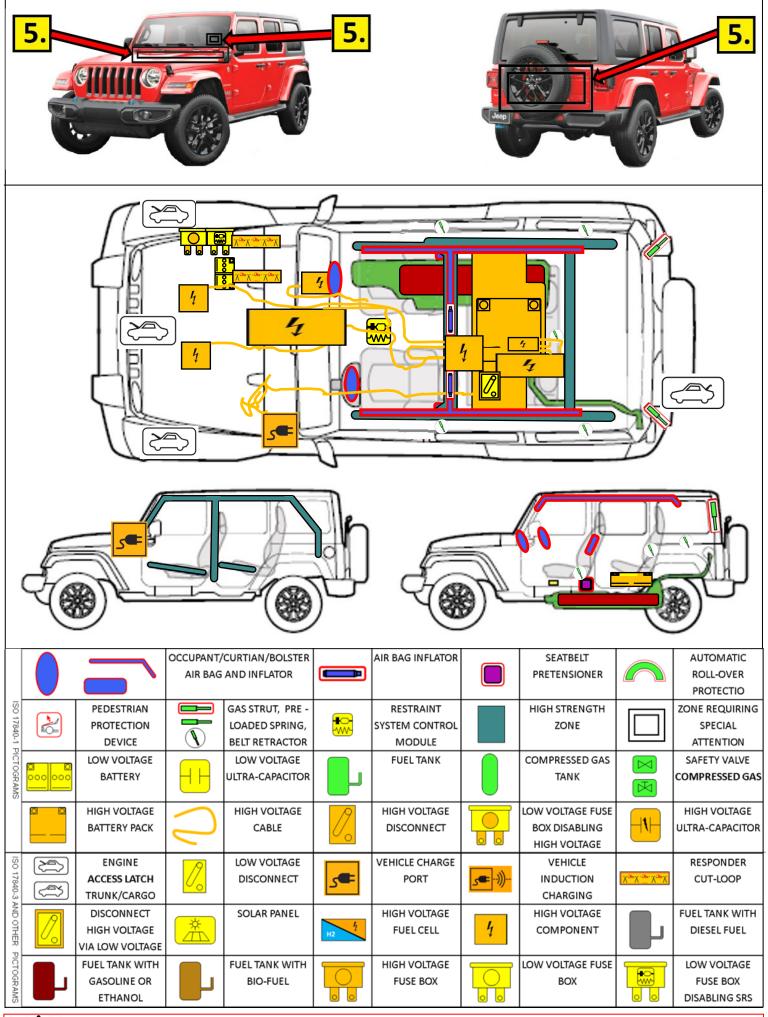
Jeep

# WRANGLER 4 4 4Xe Plug-in Hybrid







WARNING: Lack of engine noise does not mean vehicle is off: vehicle movement capability exists until vehicle is fully shut down.



Always wear appropriate high voltage and turn-out PPE when addressing a damaged Jeep Wrangler 4Xe Hybrid.



High voltage components may remain energized even after following the steps in this sheet.

### 1. Identification / recognition

### Nameplate left of rear lift gate:



Charging port door, driver's side:





Charge status indicator at center dash above LCD display:





### 2. Immobilization / stabilisation / lifting

- 1. Set ignition to "RUN" or "ACC"
- 2. Place Shifter in Park (fully forward)
- 3. Set Parking Brake by pulling Up on handle



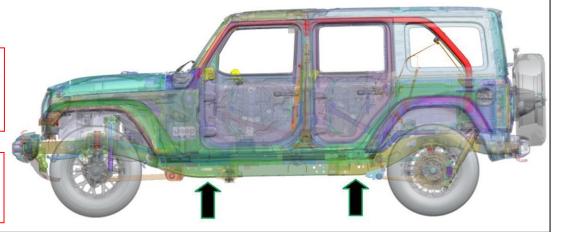




**Recommended Lift Points:** 

WARNING: In some cases, vehicle damage may result in wheel rotation generating high voltage power.

WARNING: Transfer case Neutral over-rides PARK allowing free movement.



### 3. Disable direct hazards / safety regulations

### MAIN METHOD

- 1. Unplug from any charging equipment
- 2. Set Ignition to OFF
- 3. Move key fob at least 20 feet away
- 4. Open hood
- 5. Cut a segment of cable away at each Of the two responder cut tapes







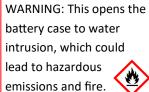


This disables high voltage and low voltage including restraints

#### ALTERNATE METHOD

- 1. Unplug from any charging equipment
- 2. Set Ignition to OFF
- 3. Remove driver's side rear seat
- 4. Unscrew HV access cover and set aside





This method disables high voltage, but NOT LOW VOLTAGE—restraint systems will remain powered



Wait 5 minutes after depowering for high voltage capacitors to drain. Always treat all high voltage components as if live, as the methods above can fail in cases of battery damage. Never cut any high voltage cable or component.

## 4. Access to the occupants

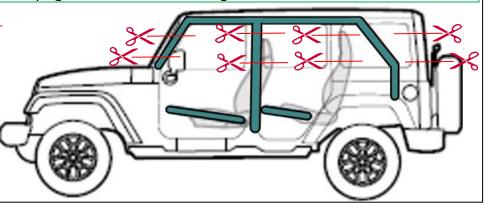
Do not cut into any hazards depicted on page 1. Also avoid cutting fuel, brake & coolant tanks/lines

Recommended cut points:

Laminated Glass: Windscreen and rear swing gate.

Tempered Glass: All side windows

Do not cut into restraint system (belts only may be cut with a knife)



### 5. Stored energy / liquids / gases / solids

High voltage energy should be contained to within the Lithium-ion battery pack when possible. Do not discharge.

WARNING: The fuel system is pressurized.

WARNING: Magnesium alloy- Steering wheel, instrument panel crossbeam and rear swing gate.



#### 6. In case of fire

Do not cut into any hazards depicted on page 1. Also avoid cutting fuel, brake & coolant tanks/lines



Apply large amounts of water at the first sign of thermal activity. Misting is recommended.

WARNING: Gaseous emissions from a thermally active damaged lithium-ion battery include hydrogen, which is explosive when mixed with oxygen in the air.



WARNING: Gaseous emissions from a thermally active lithium-ion battery include hydrogen fluoride which when combined with moisture in the human body forms an acid that can cause burns, respiratory distress and injury, blindness and/or death.



Immediately open all doors and remove all glass to maximize ventilation.





WARNING: Delayed ignition or re-ignition is possible. Monitor for thermal activity throughout response operations with an infrared thermometer or equivalent.











### 7. In case of submersion

With a Wrangler 4Xe that is without physical damage (such as from an accident) the risk of electrical shock when submerged or flooded is not increased.



A vehicle with impact damage presents an increased electrical shock hazard risk. If HV is open to the environment you must stay away from damaged HV components.



In salt water, chlorine may be produced in concentrations that could be corrosive and could have adverse effects on human health. Excess heat, oxygen and hydrogen may also be produced through electrolysis.



#### 8. Towing / transportation / storage

POST-INCIDENT DELIVERY TO SERVICE: If air bags have deployed, the vehicle cannot be driven again until repaired, as air bag protection will not be available to occupants in the event of a collision. After any collision, the vehicle should be taken to an authorized service center immediately.

WARNING: If the transfer case is in Neutral, the car will roll regardless of transmission setting.

### 8. Towing / transportation / storage

### **Towing Instructions:**

- 1. Place car in PARK, with brake on
- 2. Transport on flatbed or trailer ONLY
- 3. Drag vehicle onto flatbed or trailer
- 4. Secure fully to conveyance
- 5. At location, drag off conveyance
- 6. Leave vehicle in PARK with brake set
- 7. Chock wheels if not secured otherwise





DO NOT PUSH

WARNING: Rotation of wheels may result in generation of high voltage or unexpected propulsion.

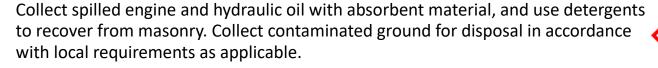




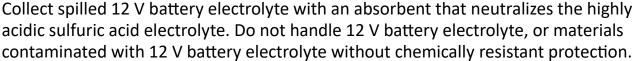
Monitor for thermal activity/fire throughout transport and storage. Store away from other vehicles, outside, and away from air inlets to occupied structures.

### Collect spilled fluids for disposal as follows:

Collect spilled engine coolant and any coolant from electronic systems in the normal manner for spilled glycol/water mix.



Collect spilled gasoline in the same manner as oils, but employ precautions for the management of flammable and explosive vapors.





All debris should be collected and disposed of in an environmentally appropriate manner. Skin contact with battery pack internals is to be avoided. Leakage of electrolyte from the Li-ion battery is unlikely. Any leaking battery fluids are likely glycol-water coolant.

### 9. Important additional information

Stellantis / FCA US Customer Center: (877) 426-5337

Stellantis / FCA Canada Customer Center: (800) 465-2001 (English) (800) 387-9983 (French)

Stellantis / FCA Mexico Customer Center: +(52) 55 50817568 Stellantis / FCA within Mexico City only: (800) 505-1300 Stellantis / FCA Caribbean Customer Center: (877) 426-5337

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### 10. Explanation of pictograms used

4	GASOLINE-ELECTRIC VEHICLE		IMPORTANT INFORMATION	4	ELECTRICAL SHOCK HAZARD
	RISK OF FIRE		RISK OF EXPLOSION		HARMFUL OR LETHAL TO HUMAN HEALTH
F-J	CORROSIVE SUBSTANCE		RISK OF INJURY	Li-ion	LITHIUM-ION BATTERY—HANDLE APPROPRIATELY
	DO NOT PUSH VEHICLE		RELOCATE KEY FOB AWAY FROM VEHICLE		RISK OF THERMAL ACTIVITY FROM BATTERY SYSTEM
	FLATBED/TRAILER TOW ONLY		DO NOT TOW WITH WHEELS ON GROUND		USE LARGE AMOUNTS OF WATER

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