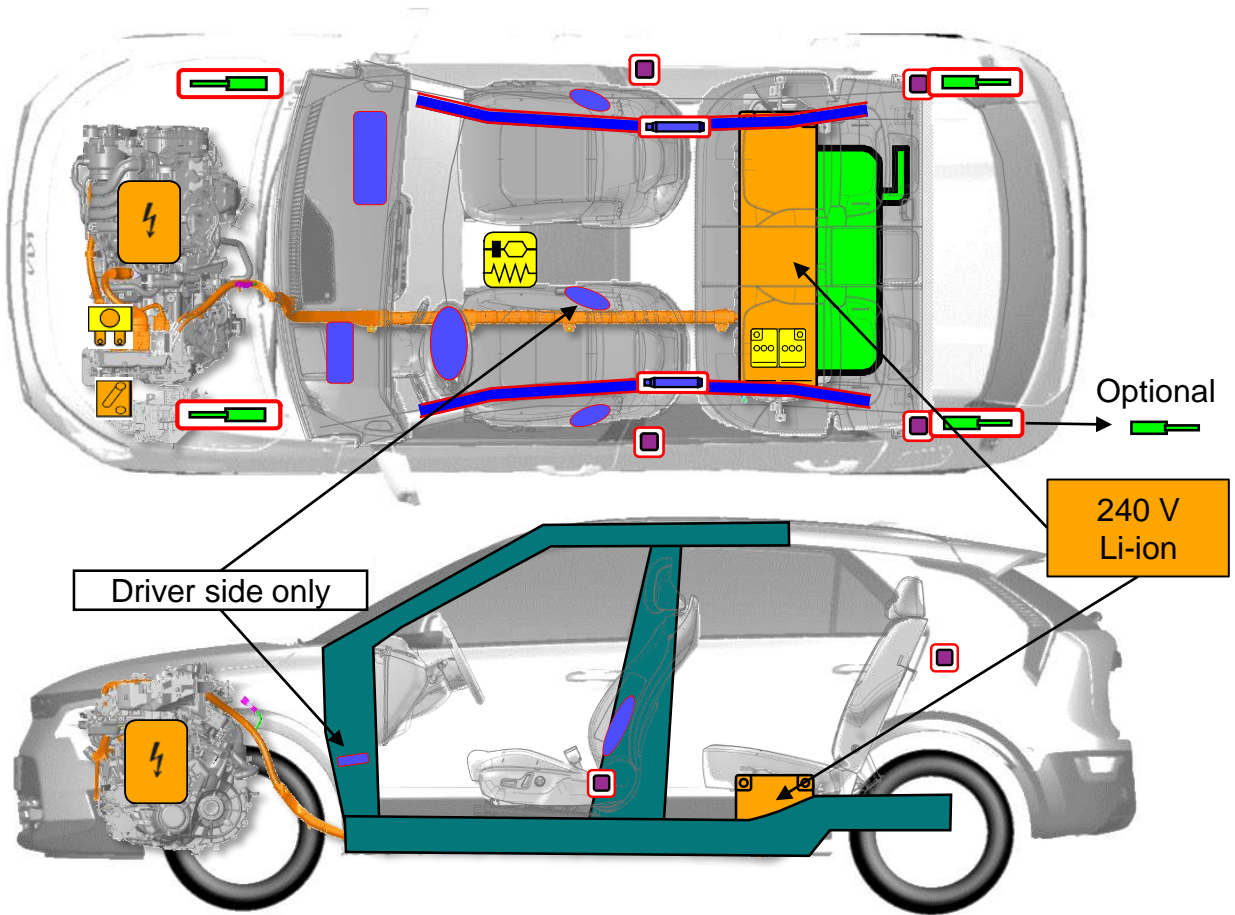




**Kia NIRO Hybrid**  
CUV, 5 doors  
From April 2022



|  |                                      |  |                              |  |                                                   |  |                                  |  |                                     |
|--|--------------------------------------|--|------------------------------|--|---------------------------------------------------|--|----------------------------------|--|-------------------------------------|
|  | Airbag                               |  | Stored gas inflator          |  | Seat belt pretensioner                            |  | SRS control unit                 |  | Pedestrian protection active system |
|  | Automatic rollover protection system |  | Gas strut / Preloaded spring |  | High strength zone                                |  | Zone requiring special attention |  | High voltage component              |
|  | Battery low-voltage                  |  | Ultra-capacitor, low voltage |  | Fuel tank                                         |  | Gas tank                         |  | Safety value                        |
|  | Battery pack, high-voltage           |  | High voltage power cable     |  | High voltage device that disconnects high voltage |  | Fuse box disabling high voltage  |  | High voltage ultra capacitor        |

## 1. Identification / recognition

Brand Emblem



Brand Emblem



Car model name



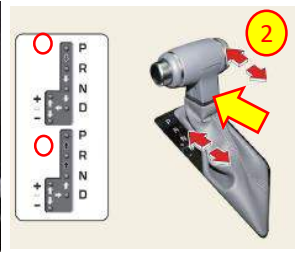
Hybrid



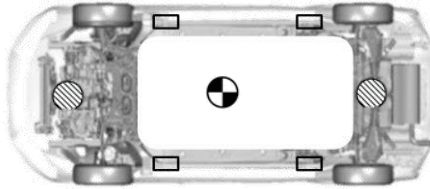
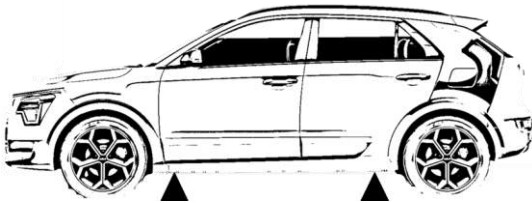
## 2. Immobilisation / stabilisation / lifting

### ■ Immobilisation

1. EPB(Electronic Parking Brake) Switch
2. For automatic vehicles the shift lever or shift dial button to the park(P) position.



### ■ Lifting points under the vehicle:



- JACK POSITION
- ▨ SUPPORT POSITION
- VEHICLE CENTER OF GRAVITY

For stabilize vehicle, crib at four points directly under the front and rear pillars using wooden blocks or equivalent objects



Do not place cribbing such as wooden blocks or rescue air lifting bags under the exhaust system, fuel system or high voltage power cables. The failure will cause of fire, electric shock or gas leak.

## 3. Disable direct hazards / safety regulations

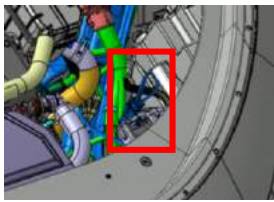
### ■ Access to the battery



1. Pull the release lever to unlatch the hood(①). The hood should pop open slightly.

2. Raise the hood slightly, push secondary latch up(②) inside of the hood center and lift the hood.

Turn the ignition switch OFF and disconnect the auxiliary 12V battery positive (+) connector (A).



Disconnect the high voltage service interlock connector (A).



Remove the rear seat cushion assembly (A).



Remove the rear door scuff trim fastener (A).



There is inlet/outlet duct and HEV battery system.

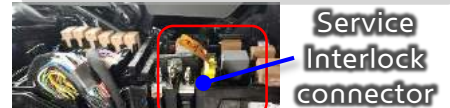
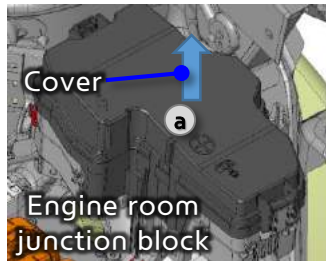
### ■ Disabling procedure High voltage battery



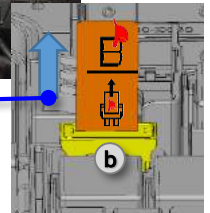
① Lift the hood

② Open the Engine room junction block cover (a)

③ Pull the service interlock connector (b)



Pull the connector label



· Location : Under 2nd seat

· To disconnect 12V battery and high voltage battery, follow steps:

- ① Wait about 10 minutes after you turn off the engine.
- ② Disconnect the 12V(+) auxiliary connector in the engine room.
- ③ Disconnect the HV service interlock connector in the engine room.
- ④ Disconnect the 12V(+), HV(-) and HV(+) connector under the rear seat .
- ⑤ Disconnect the BMS EXTN connector.

## 4. Access to the occupants

### ■ Seat adjustment



### ■ Steering column adjustment



### ■ Glass

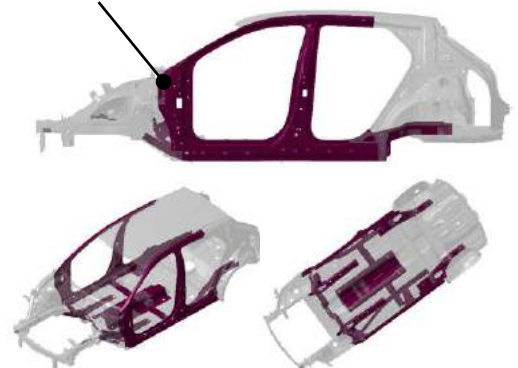
1 : Laminated

2-4 : Tempered





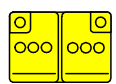



### ■ Vehicle Body

Hardened Steel





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

|                                                                                   |                                                                                   |          |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------|
|  |  | max. 42L |
|  |  | 12 V     |
|  |  | 240 V    |



When coolant leaks from the battery pack, it can become unstable with risk of thermal runaway. Check battery pack temperature with thermal imaging camera.



## 6. In case of fire



Use large amount of water

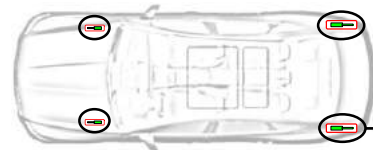


**BATTERY RE-IGNITION!**

■ Gas Strut



Risk of missile effect of hood and trunk.



Manual Tailgate Only

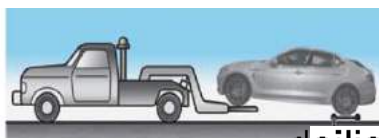
## 7. In case of submersion



Do not touch any of the high-voltage components or cables including the high voltage cut-off switch, as doing so poses an electrocution hazard. Work on the vehicle only after the vehicle has been pulled out of the water.

## 8. Towing / transportation / storage

OK :



doilies



doilies

Notice: AWD (All Wheel Drive) vehicle must be towed with all wheels off the ground, either on a flatbed tow truck or using doilies.

Not OK :

