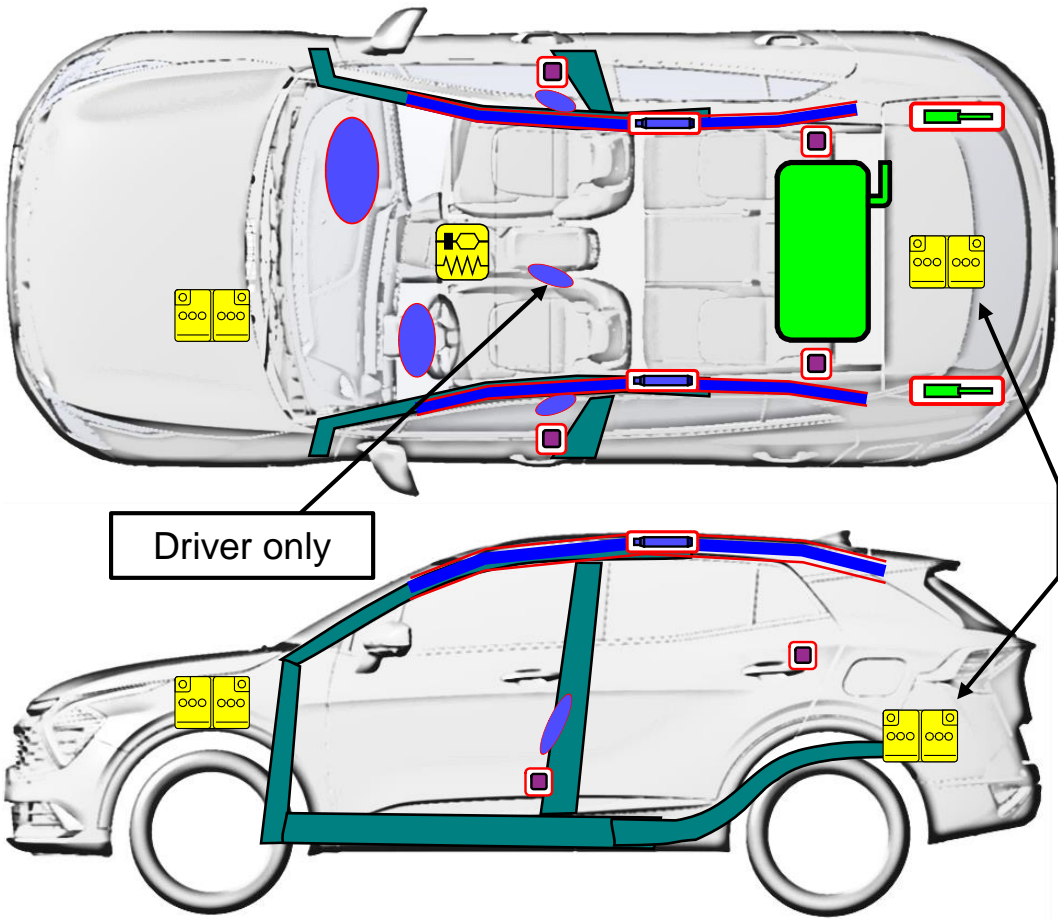




KIA SPORTAGE
SUV, 5 doors
As of November 2021



Driver only

Optional
48V
Li-ion

	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 Logo (Name)



Car model name



GT-Line trim emblem (GT-Line only)

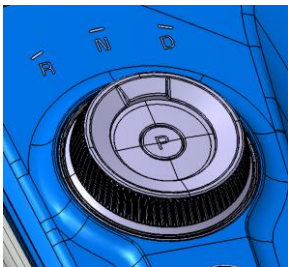


GT-Line trim emblem (GT-Line only)



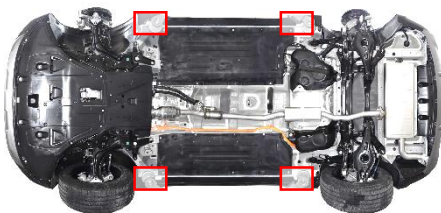
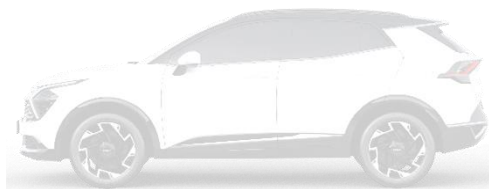
2. Immobilisation / stabilisation / lifting

■ Immobilisation



1. Chock the wheels and pull the switch to set the parking brake.
2. For automatic vehicles the shift lever or shift button to the park (P) position.

■ Lifting positions at car underbody



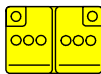
□ JACK/SUPPORT POSITION



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 12V battery



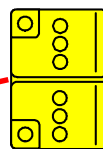
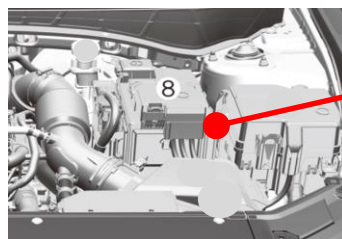
12 V



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



2. Raise the hood slightly, push the secondary latch up ② inside of the hood center and lift the hood ③



12V

3. Battery(⑧) in the engine room

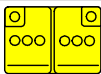
■ Disabling procedure

① Turn the ignition switch off

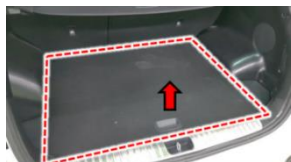
② Disconnect the negative(-) terminal

③ Disconnect the positive(+) terminal

■ Access to 48V battery



48V → optional



After opening the trunk, remove the luggage cover

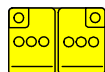


After opening the luggage cover board remove luggage foam.



There is inlet/outlet duct and 48V battery system.

■ Disabling procedure



48V → optional

- Location: in the trunk

- To disconnect 48V battery, follow steps:

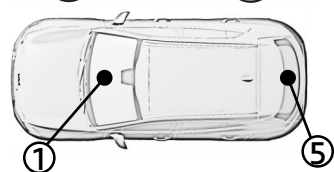
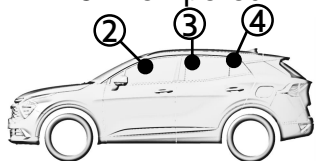
- ① Wait about 10 minutes after you turn off the engine.
- ② Disconnect the (-) cable from 12V battery in the hood.
- ③ Disconnect the 12V (+) cable from 48V Battery pack.
- ④ Disconnect the 48V (-) cable and (+) cable in order.
- ⑤ Disconnect the BMS EXTN wire.

4. Access to the occupants

■ Glass

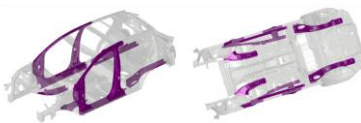
1 : Laminated

2-5 : Tempered

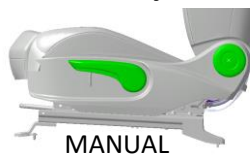


■ Vehicle body

Hardened Steel



■ Seat adjustment



MANUAL














POWER

■ Steering column adjustment



5. Stored energy / liquids / gases / solids

 	  	max. 52L
	  	12 V
 LI ION	   	48 V

6. In case of fire

■ Gas Strut



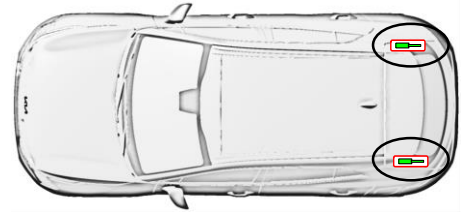
- Risk of missile effect of hood and trunk.



USE LARGE AMOUNT OF WATER ON
BATTERY PACK



BATTERY RE-IGNITION



It is recommended to allow the 48V Li-ion battery to burn itself out if it is judged that it is difficult to apply copious amounts of water to the high voltage battery.
In this case, protection of the environment from smoke must be managed.

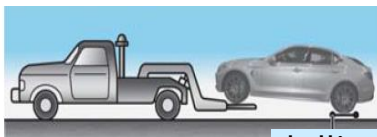
7. In case of submersion



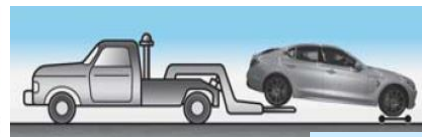
Do not touch any of the 48V components or cables, as doing so poses an electrocution hazard. Work on the vehicle only after the vehicle has been pulled out of the water.

8. Towing / transportation / storage

OK :



dollies



dollies

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

Not OK :

