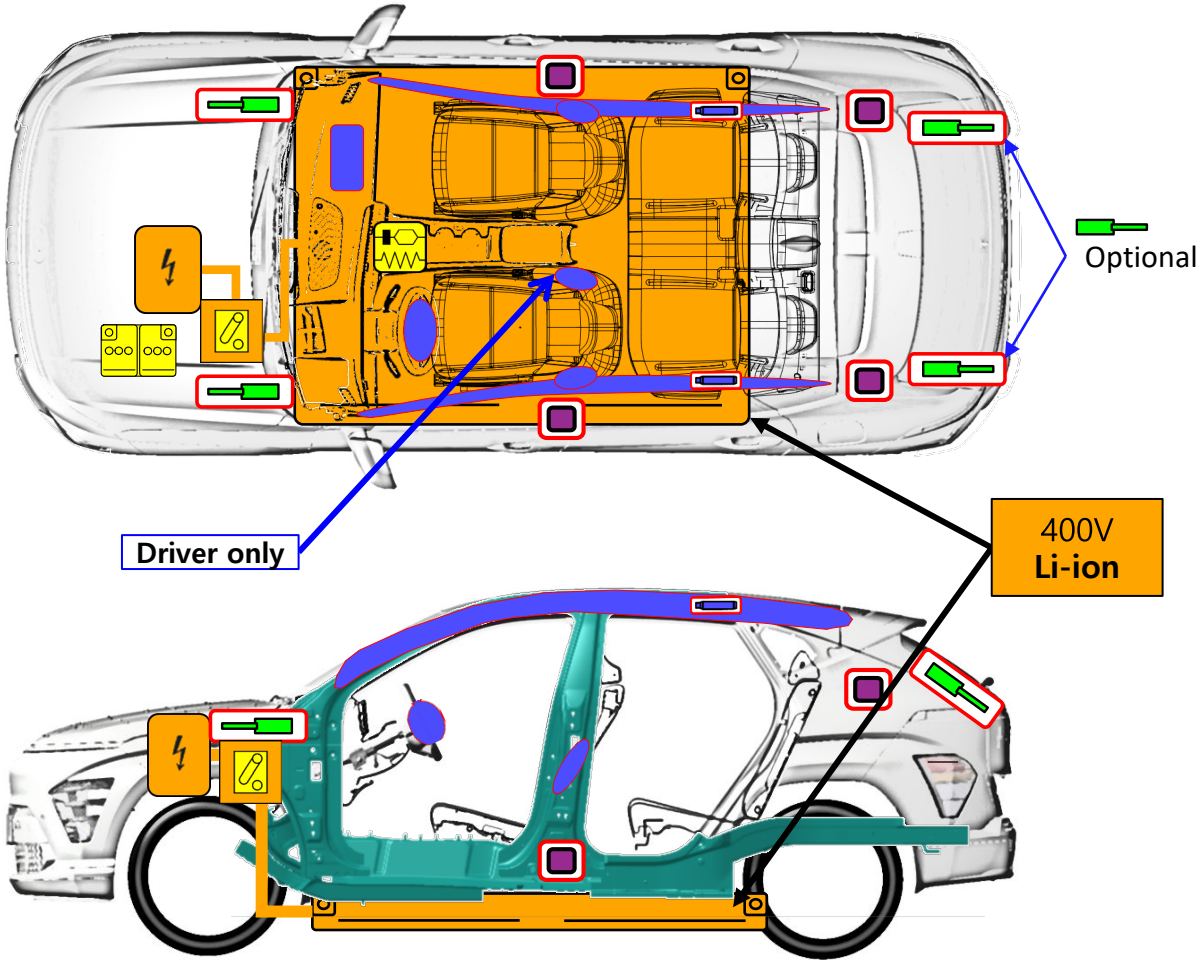




Hyundai KONA Electric
SUV, 5 doors
September 2023



	Airbag		Stored gas inflator		Seat belt pretensioner		SRS control unit
	Gas strut / Preloaded spring		High strength zone		Battery low-voltage		High voltage component
	Battery pack, high-voltage		High voltage power cable		Low voltage device that disconnects high voltage		

1. Identification / recognition



LACK OF ENGINE NOISE DOES NOT MEAN VEHICLE IS OFF: SILENT MOVEMENT OR INSTANT RESTART CAPABILITY EXISTS UNTIL VEHICLE IS FULLY SHUT DOWN.



Charging door



Model name

K O N A
K A U A I

electric emblem

electric



2. Immobilisation / stabilisation / lifting

Immobilization:

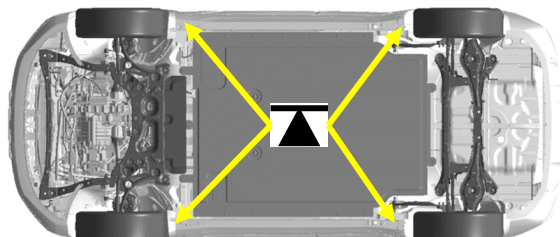


Chock the wheels and pull the EPB switch to set the parking brake.



For automatic vehicles, while depressing the brake pedal shift the lever to P(park) position or press P button to make vehicle in P position

Lifting points under the vehicle:



3. Disable direct hazards / safety regulations



IN CASE OF AN ACCIDENT, WHERE AIRBAGS AND SEATBELT PRETENSIONER WERE ACTIVATED, THE HV-SYSTEM SWITCH'S OFF AUTOMATICALLY. FOR ALL OTHER CASES USE THE DISABLING METHODS BELOW



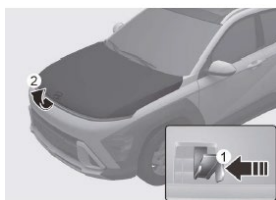
HV-battery:



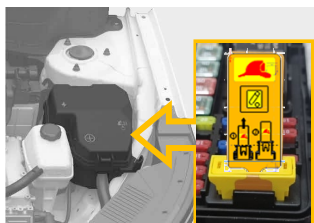
Access:



Pull the release lever



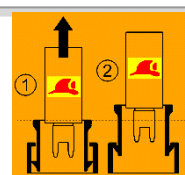
Raise the hood



Open cover of the fuse box

Disabling:

Pull up the "Service Interlock"



① HV connected
② HV disconnected



Service interlock is not completely removable.

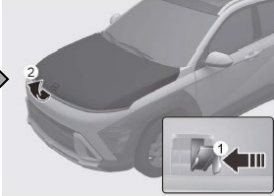


12V Battery:

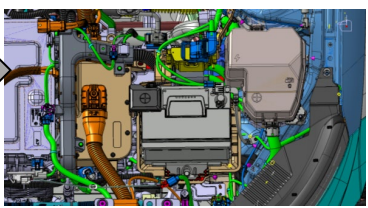
Access:



Pull the release lever to unlatch the hood

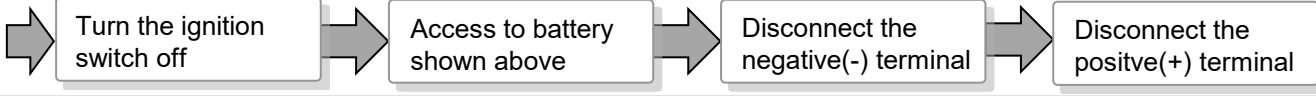


Push the secondary latch up (①) inside of the hood center and lift the hood (②)



Battery in the engine compartment

Disabling:

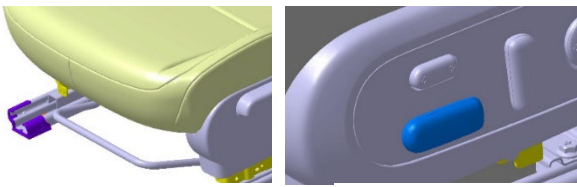


4. Access to the occupants

Steering column adjustment:

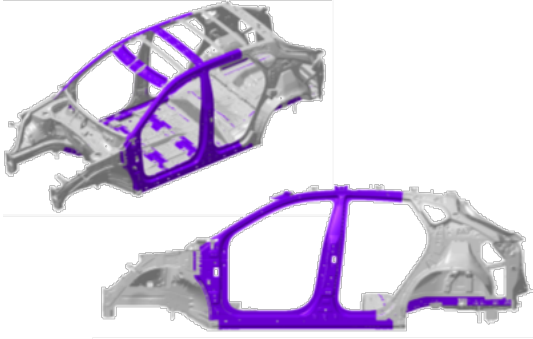


Seat adjustment:



MANUAL POWER

Vehicle body:

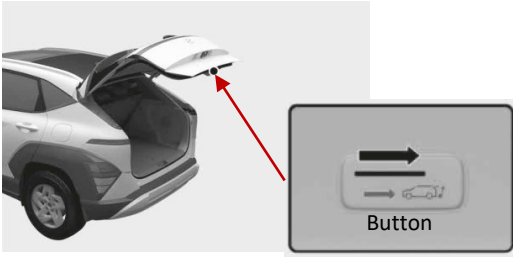


Glass:



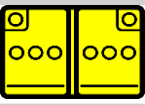
- 1. Laminated
- 2. Tempered
- 3. Tempered
- 4. Tempered

Tailgate:



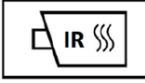
Use a long flat object (Key) to unlock the tailgate from inside.

5. Stored energy / liquids / gases / solids

	   	12V	
	     	400V	R-134a 925g R-1234yf 875g
			 



WHEN COOLANT LEAKS FROM THE BATTERY PACK, IT CAN BECOME UNSTABLE WITH RISK OF THERMAL RUNAWAY. CHECK BATTERY PACK TEMPERATURE WITH THERMAL IMAGING CAMERA



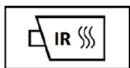
6. In case of fire



Use large amount of water



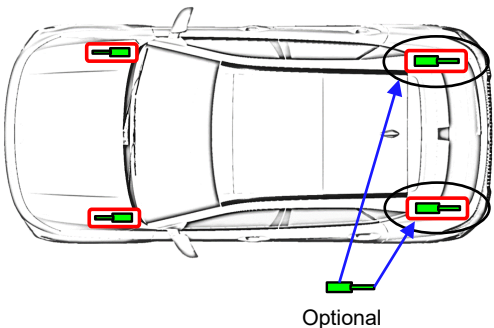
BATTERY RE-IGNITION!



Gas strut!



Risk of missile effect of hood and tailgate.



7. In case of submersion

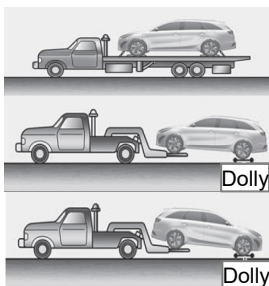


Do not touch any of the high-voltage components or cables including the high voltage cut-off switch, as doing so poses an electrocution hazard. Work on the vehicle only after the vehicle has been pulled out of the water.



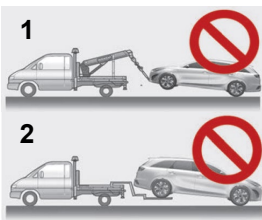
8. Towing / transportation / storage

OK



Notice: The use of wheel dollies or flatbed is recommended. Use a wheel lift or flatbed equipment.

Not OK



Notice : Do not tow with sling-type equipment (1). Do not tow the vehicle with the front wheels on the ground as this may cause damage to the vehicle (2).

Location front hook

Location rear hook

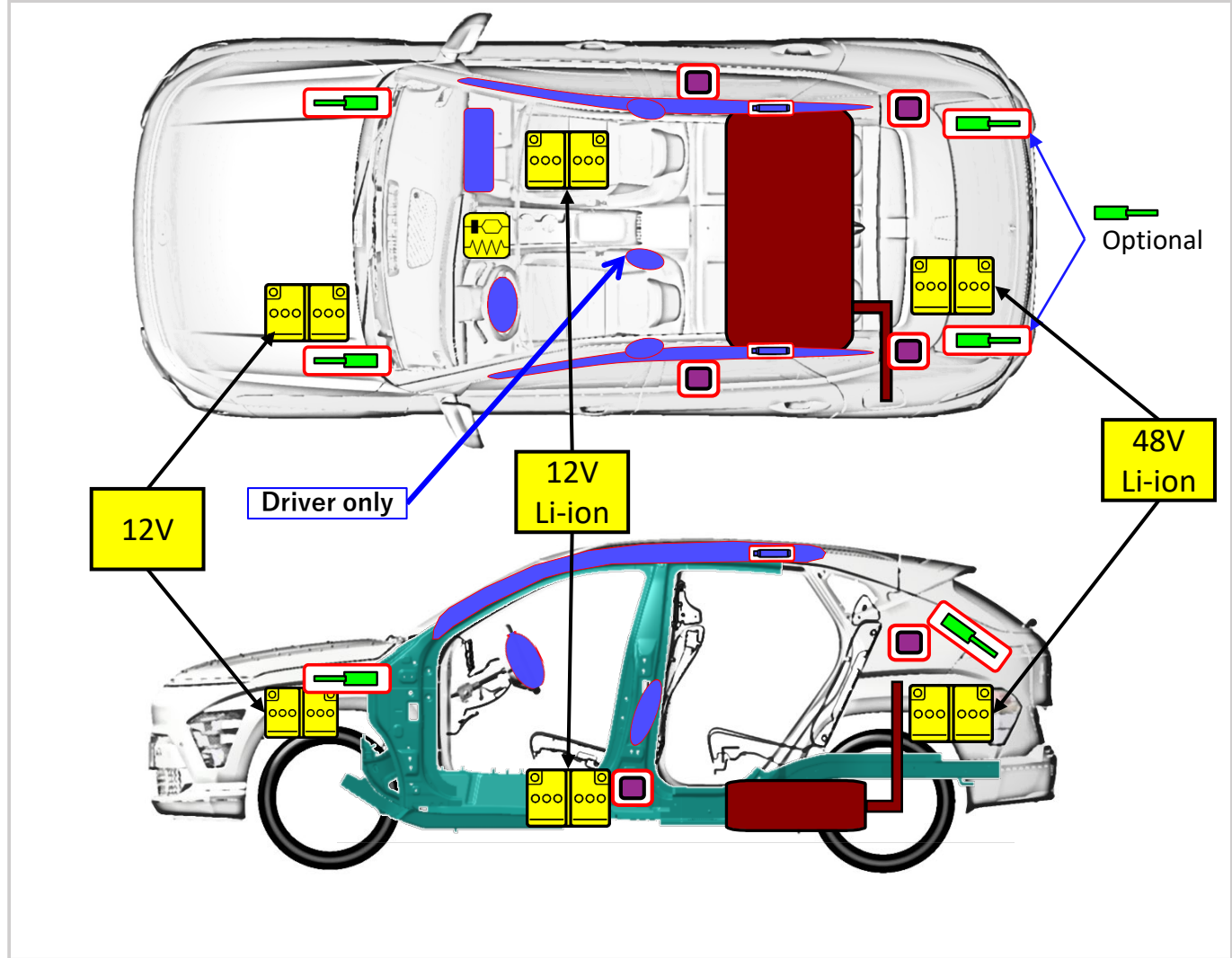


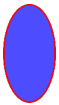
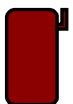
Towing hock located in the tool case in the tailgate

THE HOOK MUST BE USED ONLY FOR TEMPORARY TOWING. STORE AT SAFE DISTANCE FROM OTHER VEHICLES.

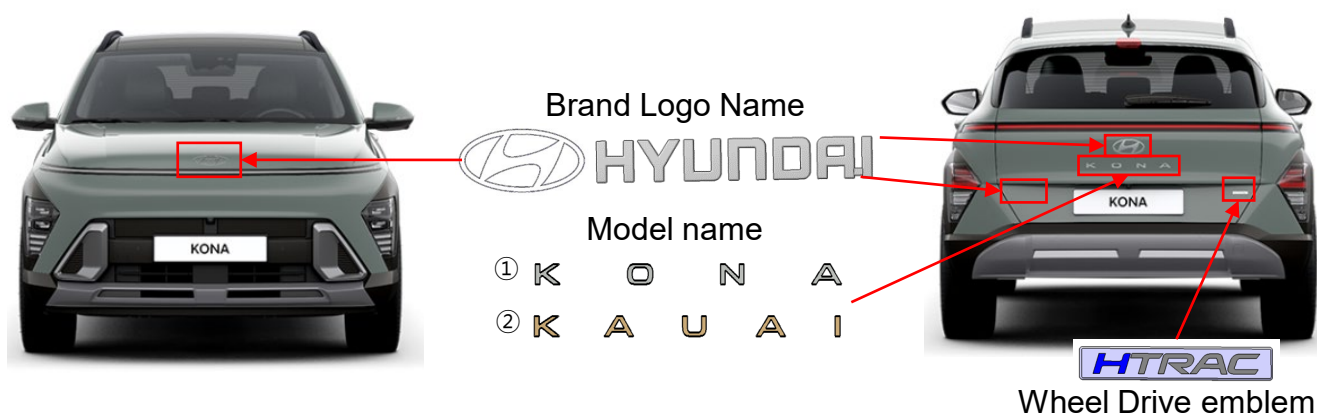
10. Explanation of pictograms used

	Electric Vehicle		Warning, Electricity		Bonnet
	General warning sign		Air-conditioning component		
	Corrosives		Hazardous to the human health		Flammable
	Explosive		Acute toxicity		Environmental hazard
	Use thermal Infrared camera		Use water to extinguish the fire		



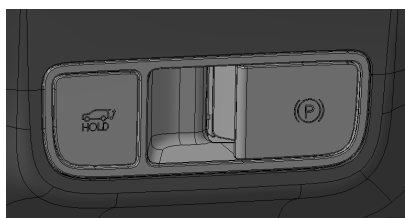
	Airbag		Stored gas inflator		Seat belt pretensioner		SRS control unit
	High strength zone		Fuel tank		Gas strut / Preloaded spring		Battery low-voltage

1. Identification / recognition



2. Immobilisation / stabilisation / lifting

Immobilization:

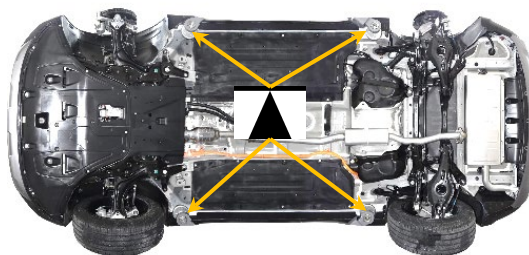


Chock the wheels and pull the switch to set the parking brake.



For automatic vehicles, while depressing the brake pedal shift the lever to P(park) position or press P button to make vehicle in P position

Lifting points under the vehicle: ▲



3. Disable direct hazards / safety regulations

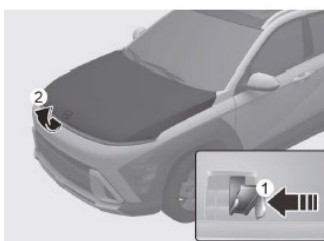
Low Voltage 12V battery:



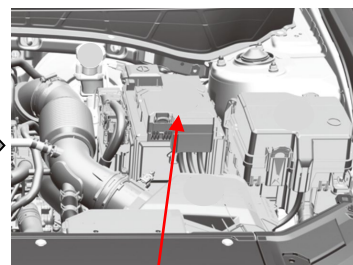
Access:



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



Raise the hood slightly, push the secondary latch up (1) inside of the hood center and lift the hood (2)



12V Battery in the engine room

Disabling:



Turn the ignition switch off



Access to battery shown above



Disconnect the negative(-) terminal

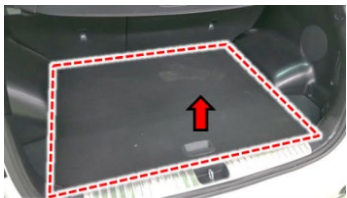


Disconnect the positive(+) terminal

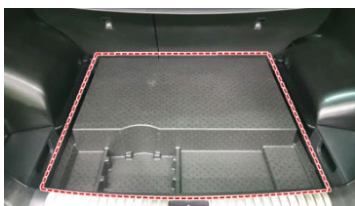
48V [LI ION] Battery:



Open tailgate



Remove the luggage cover



Remove luggage foam



Disabling:

Disconnect 12V battery (shown on page 2) in the hood

Wait 10min and get access to the 48V battery shown above



Disconnect 12V (+) cable from 48V battery pack

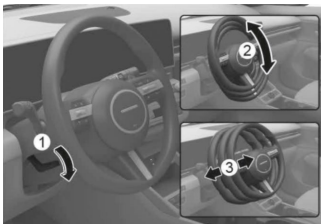


Disconnect 48V (-) cable and (+) cable in order and BMS ESTN wire

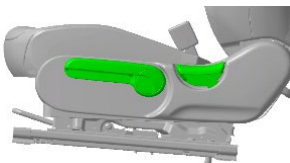


4. Access to the occupants

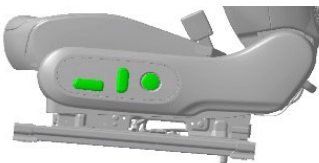
Steering column adjustment:



Seat adjustment:

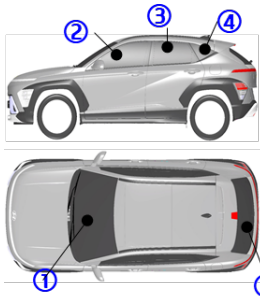


MANUAL



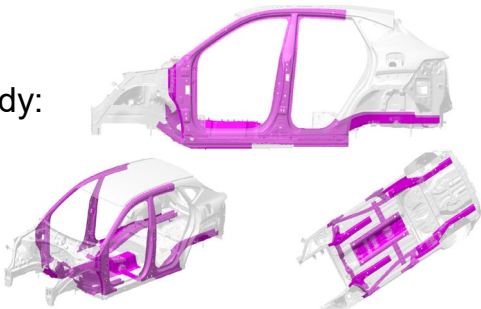
POWER

Glass:



- 1. Laminated
- 2. Tempered
- 3. Tempered
- 4. Tempered
- 5. Tempered

Vehicle body:



Tailgate:



Use a long flat object (Key) to unlock the tailgate from inside.

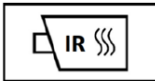
Hardened Steel:

5. Stored energy / liquids / gases / solids

			47l max.		
		LI ION	48V 12V	R-134a 500g	R-1234yf 450g
		Engine Room	12V		

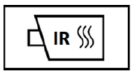


WHEN COOLANT LEAKS FROM THE BATTERY PACK, IT CAN BECOME UNSTABLE WITH RISK OF THERMAL RUNAWAY. CHECK BATTERY PACK TEMPERATURE WITH THERMAL IMAGING CAMERA



6. In case of fire



BATTERY RE-IGNITION!

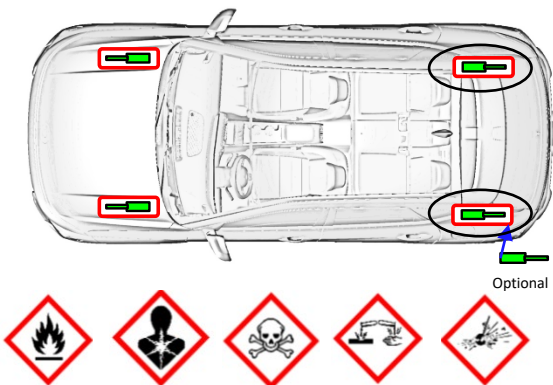


Gas strut!

Risk of missile effect of hood and tailgate.



Use large amount of water



7. In case of submersion

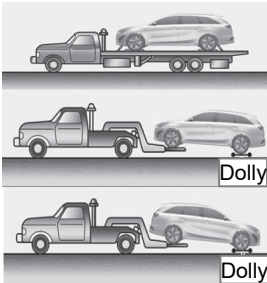


Do not touch any of the 48V components or cables, as doing so poses an electrocution hazard. Work on the vehicle only after the vehicle has been pulled out of the water.



8. Towing / transportation / storage

OK

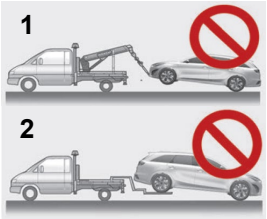


Dolly

Dolly

Notice: The use of wheel dollies or flatbed is recommended. Use a wheel lift or flatbed equipment.

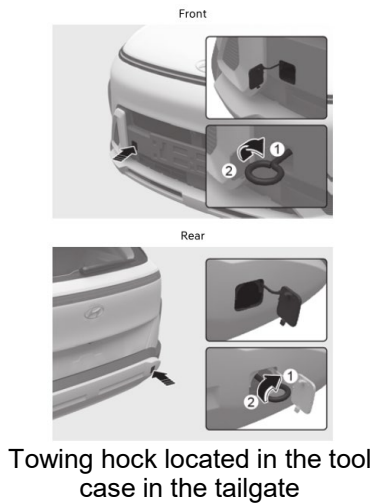
Not OK



1

2

Notice : Do not tow with sling-type equipment (1). Do not tow the vehicle with the front wheels on the ground as this may cause damage to the vehicle (2).



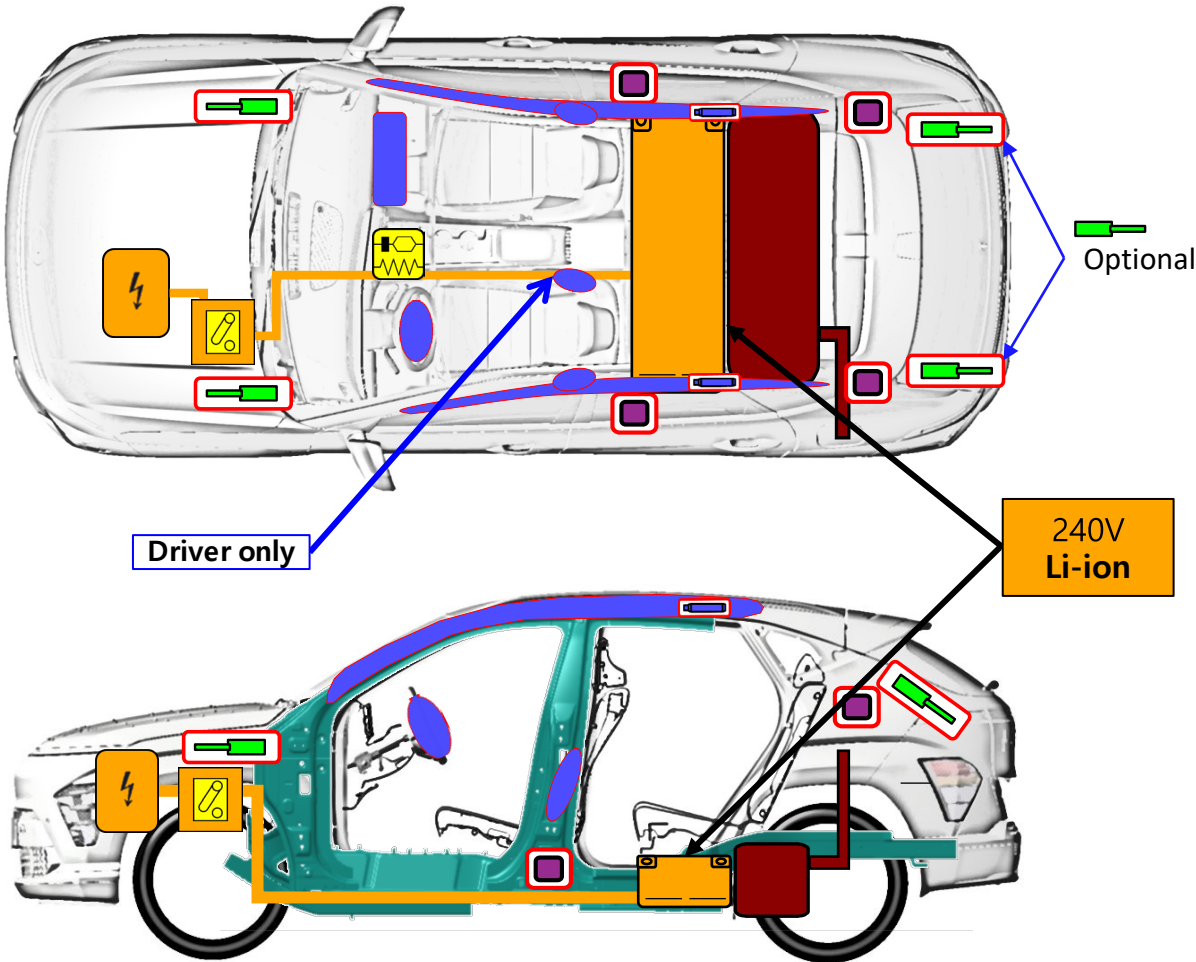
10. Explanation of pictograms used

	Gasoline vehicle		Fuel tank content gasoline/ethanol		Air-conditioning component
	Corrosives		Hazardous to the human health		General warning sign
	Explosive		Acute toxicity		Flammable
	Use thermal Infrared camera		Bonnet		Environmental hazard
	Boot				



Hyundai KONA HEV

SUV, 5 doors
From April 2023

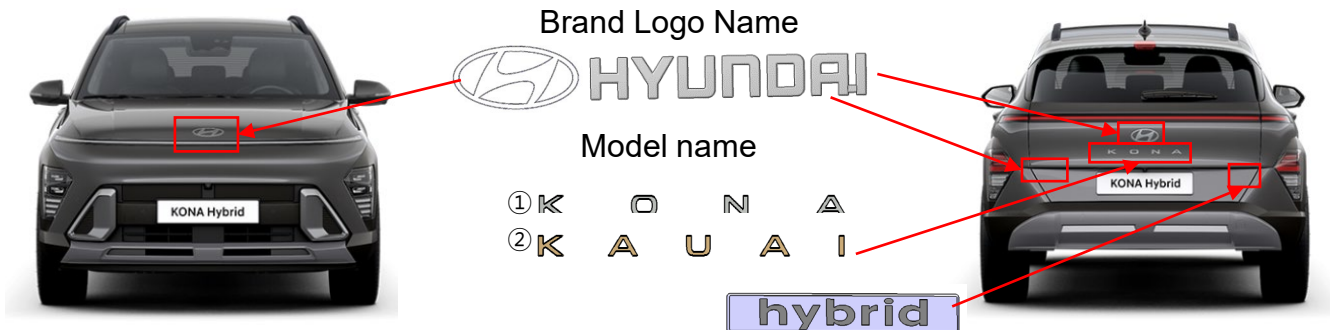


	Airbag		Stored gas inflator		Seat belt pretensioner		SRS control unit
	High strength zone		Fuel tank		Gas strut / Preloaded spring		Low voltage device that disconnects high voltage
	Battery pack, high-voltage		High voltage power cable		High voltage component		

1. Identification / recognition

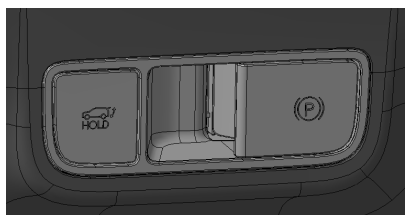


LACK OF ENGINE NOISE DOES NOT MEAN VEHICLE IS OFF: SILENT MOVEMENT OR INSTANT RESTART CAPABILITY EXISTS UNTIL VEHICLE IS FULLY SHUT DOWN.



2. Immobilisation / stabilisation / lifting

Immobilization:

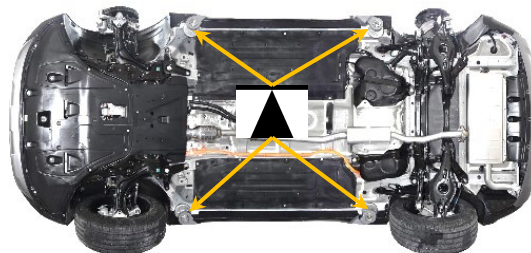


Chock the wheels and pull the EPB switch to set the parking brake.



For automatic vehicles, while depressing the brake pedal shift the lever to P(park) position or press P button to make vehicle in P position

▲ Lifting points under the vehicle:



3. Disable direct hazards / safety regulations



IN CASE OF AN ACCIDENT, WHERE AIRBAGS AND SEATBELT PRETENSIONER WERE ACTIVATED, THE HV-SYSTEM SWITCH'S OFF AUTOMATICALLY. FOR ALL OTHER CASES USE THE DISABLING METHODS BELOW



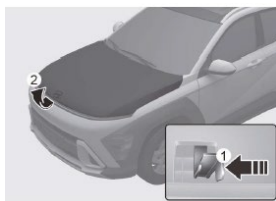
HV-battery:



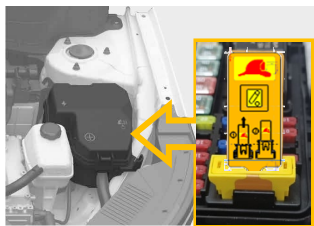
Access:



Pull the release lever



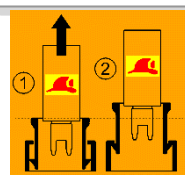
Raise the hood



Open cover of the fuse box

Disabling:

Pull up the "Service Interlock"

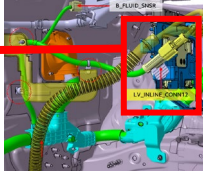
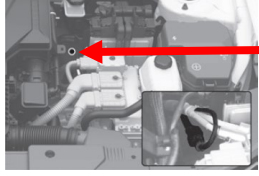
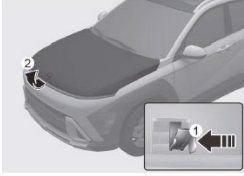


① HV connected
② HV disconnected

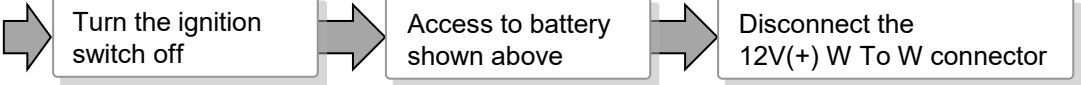
⚠ "Service Interlock" is not completely removable. ⚠

12V Battery:  12V battery is integrated into the high voltage battery 

Access: 



Disabling: Pull the release lever to unlatch the hood. Raise the hood slightly 12V(+) W To W connector in the engine room

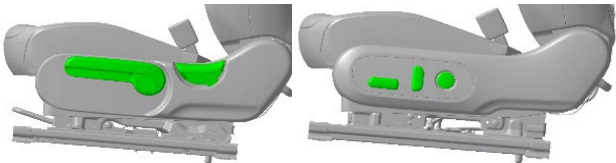


4. Access to the occupants

Steering column adjustment:

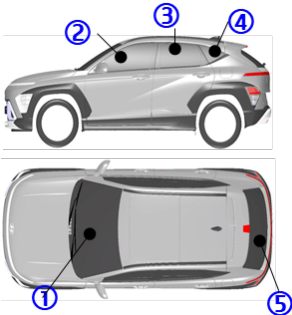


Seat adjustment:



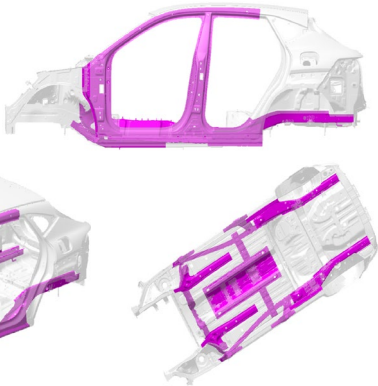
MANUAL POWER

Glass:

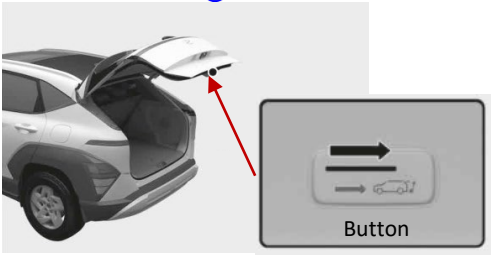


- 1. Laminated
- 2. Tempered
- 3. Tempered
- 4. Tempered
- 5. Tempered

Vehicle body:



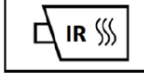
Tailgate:



Use a long flat object (Key) to unlock the tailgate from inside.

5. Stored energy / liquids / gases / solids

	  	38l max	
	     	240V	R-134a 650g R-1234yf 570g
			 

 WHEN COOLANT LEAKS FROM THE BATTERY PACK, IT CAN BECOME UNSTABLE WITH RISK OF THERMAL RUNAWAY. CHECK BATTERY PACK TEMPERATURE WITH THERMAL IMAGING CAMERA 

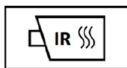
6. In case of fire



Use large amount of water



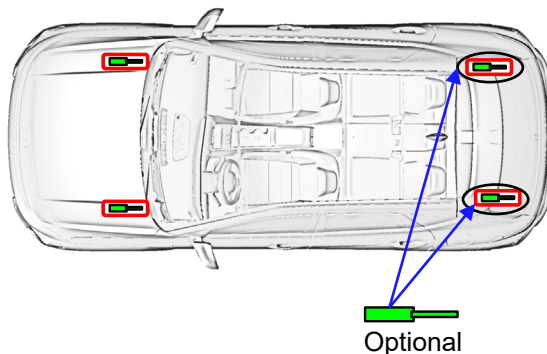
BATTERY RE-IGNITION!



Gas strut!



Risk of missile effect of hood and tailgate.



7. In case of submersion

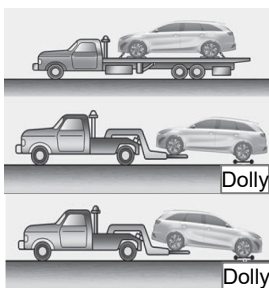


Do not touch any of the high-voltage components or cables including the high voltage cut-off switch, as doing so poses an electrocution hazard. Work on the vehicle only after the vehicle has been pulled out of the water.



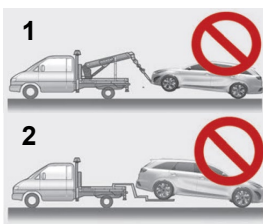
8. Towing / transportation / storage

OK

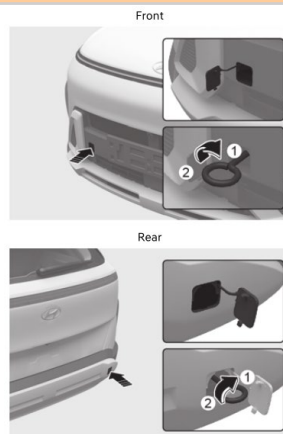


Notice: The use of wheel dollies or flatbed is recommended. Use a wheel lift or flatbed equipment.

Not OK



Notice : Do not tow with sling-type equipment (1). Do not tow the vehicle with the front wheels on the ground as this may cause damage to the vehicle (2).



Towing hook located in the tool case in the tailgate

10. Explanation of pictograms used

	Hybrid Electric Vehicle on fuel of liquid group 2		Fuel tank content gasoline/ethanol		Bonnet
	General warning sign		Air-conditioning component		Boot
	Corrosives		Hazardous to the human health		Flammable
	Explosive		Acute toxicity		Environmental hazard
	Use thermal Infrared camera		Use water to extinguish the fire		Warning, Electricity