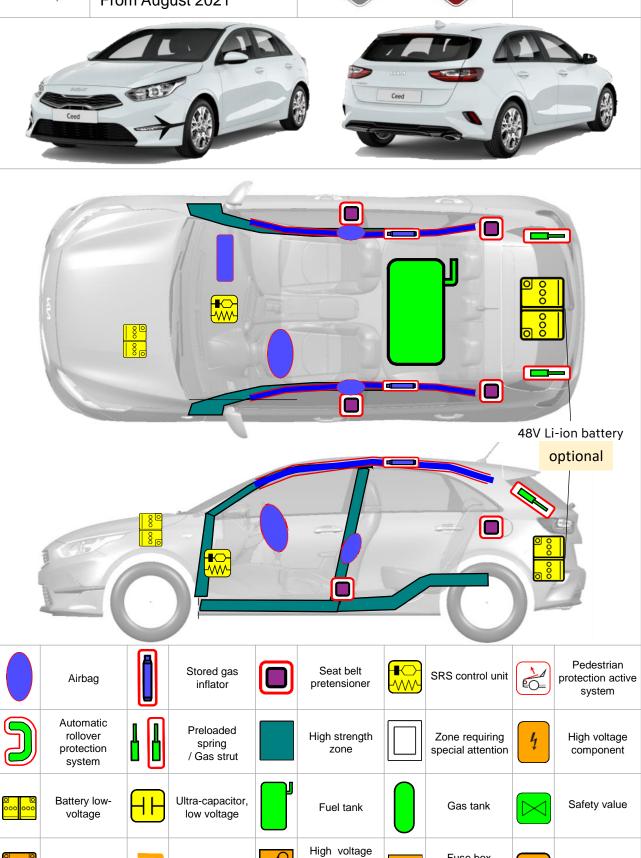


KIA CEED (48V Optional) Hatchback, 5 doors From August 2021







Battery pack,

high-voltage

High voltage

power cable

0

device that

disconnects

high voltage

Fuse box

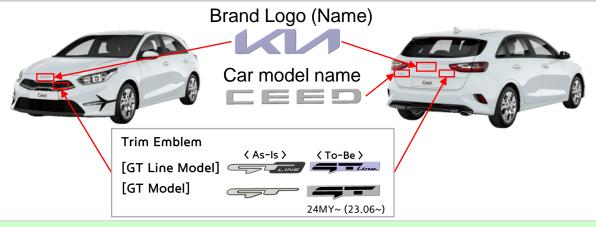
disabling high

voltage

High voltage

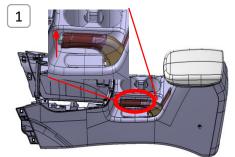
ultra capacitor

1. Identification / recognition

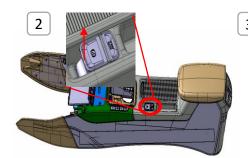


2. Immobilisation / stabilisation / lifting

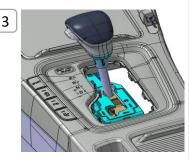
■ Immobilisation



1-1. Chock the wheels and pull the lever to set the parking brake. STD



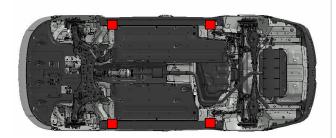
1-2. Chock the wheels and pull the switch to set transmission vehicles, the parking brake. OPT



2. For automatic shift into park(P) gear.



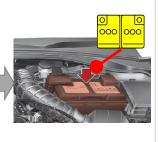




3. Disable direct hazards / safety regulations

■ Access to the battery (12V)





3. Battery in the motor compartment

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

2. Raise the hood slightly, push the secondary latch up $(\widehat{1})$ inside of the hood center and lift the hood (2)

■ Disabling procedure (12V)









1. Turn the ignition switch off

2. Disconnect the negative(-) terminal

3. Disconnect the positive(+) terminal

■ Access to the battery (48V)



■ Disabling procedure (48V)



1. Unlock the tailgate

2. 48V battery locates under the luggage cover and luggage foam

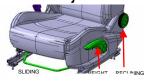
1. After disconnecting (-), (+) terminal of 12V battery, disconnect the low voltage battery cable(A), ground cable(B), inverter power cable(C) in serial order.

4. Access to the occupants

■ Steering column adjustment



■ Seat adjustment



SI INIMOSALEICALT DECI INIMO

MANUAL

POWER

■ Vehicle Body

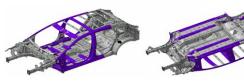
- Hardened Steel(100K↑)

■ Glass



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





5. Stored energy / liquids / gases / solids

B	max. 50L
000	12 V
ooo ooo LI ION	48 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.



01

6. In case of fire





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. It is acceptable to tow the vehicle with the rear wheel on the ground (without dollies) and the front wheels off the ground.





Notice: Do not tow with sling-type equipment. Use a wheel lift or flatbed equipment. Do not tow the vehicle with the front wheels on the ground as this may cause damage to the vehicle.

10. Explanation of pictograms used

B	Gasoline vehicle	B	Diesel vehicle
	General warning sign		
	Corrosives		Flammable
	Explosive		Hazardous to the human health
L\(\lambda \mathbb{R} \lambda \mathbb{S}\)	Use thermal Infrared camera		Acute toxicity
	Bonnet		Boot

01