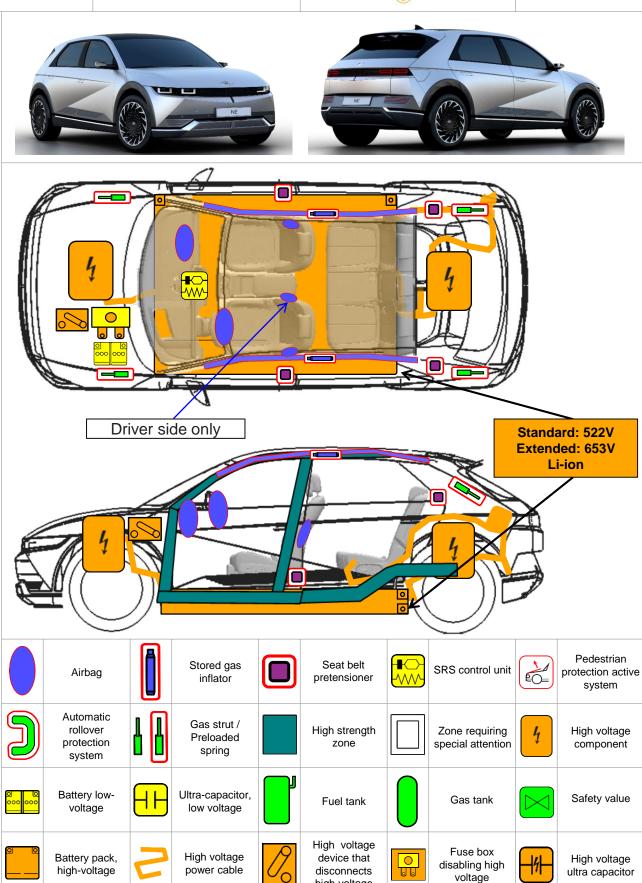
Reserved for holes (paper version)

#### Hyundai IONIQ 5 SUV, 5 doors From March 2021





high voltage

# 1. Identification / recognition

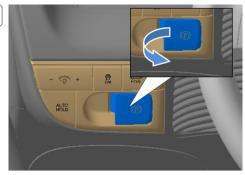


Car Name

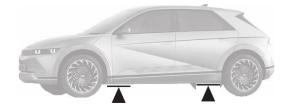
# 2. Immobilisation / stabilisation / lifting

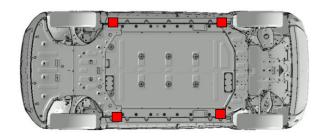
■ Immobilisation

1



- 1. Chock the wheels and pull the switch to set the parking brake.
- D N P4 R
  - 2. For automatic transmission vehicles, shift into park (P) gear.
- Lifting points under the vehicle:





# 3. Disable direct hazards / safety regulations

■ Access to the battery



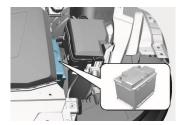
1. Pull the release lever







2. Raise the hood



3. Battery in the engine compartment

■ Disabling procedure Low voltage battery (12 V)



1) Turn the ignition switch off



(2) Disconnect the negative(-) terminal



(3) Disconnect the positive(+) terminal

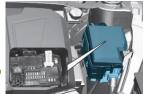
High voltage battery

(1) Open cover of the fuse box in the engine compartment



(2) Pull up the yellow lever in the high voltage cut-off switch





## 4. Access to the occupants

■ Seat adjustment





■ Steering column adjustment

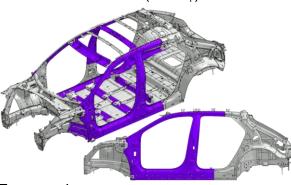


Door handle



When the door outer handle doesn't pop-out, push the front side inwards.

■ Vehicle Body Hardened Steel(100K↑)





1: Laminated / 2: Tempered, Laminated(OPT) / 3: Tempered

# 5. Stored energy / liquids / gases / solids

0 0	Ī
Li-ion	

Extended: 653.4V Standard: 522.7V













12V







	w/o	with
	heat pump	heat pump
R-134a	750g	950g
R-1234yf	700g	900g









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

∐ IR ∭

#### 6. In case of fire



## Use large amount of water











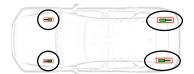




#### **BATTERY RE-IGNITION!**

■ Gas Strut/ Preloaded spring

Risk of missile effect of hood and tailgate



#### 7. In case of submersion

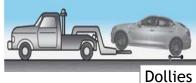


Do not touch any of the high-voltage components or cables including the high voltage cut-off switch, as doing so poses an electrocution hazard. Work on the vehicle only after the vehicle has been pulled out of the water.

## 8. Towing / transportation / storage

OK:







Dollies







## 10. Explanation of pictograms used

4	Electric vehicle	A	Warning high voltage
<u> </u>	Caution		Risk of flammability
	Risk of corrosive material/substances		Risk of damaging human health
	Risk of an explosion		Risk of acute toxicity
*	Air-conditioning component	*	Warning low temperature
□ IR ∭	Use IR Camera (thermal imaging)		Use water to extinguish the fire
	Bonnet		