

STARIA Hybrid

Model Year 2026 onwards

Emergency Response Guide



HYUNDAI HELP LINE
0800 HYUNDAI (498 632)

WARNING

- If severe damage causes high-voltage components to become exposed, emergency responders should take appropriate precautions and wear appropriate insulated personal protective equipment.
- Do not attempt to remove the safety plug while standing in the water.
- Never cut or disconnect the high voltage orange cabling and connectors without first disabling the system by removing the safety plug.
- Exposed cables or wires may be visible inside or outside the vehicle. Never touch the wires, cables, connectors, or any electric components before disabling the system, to prevent injury or death due to electrical shock.
- Failure to follow any of these instructions may result in serious injury or death by electrocution.
- Do not cut through any component of the Airbag (SRS) system (Supplementary Restraint System)
- SRS components may remain powered and active for up to 3 minutes after the 12V electrical system is shut off or disabled. Disconnect the battery negative cable and wait for at least 3 minutes before beginning work.
- Failure to follow any of these instructions may result in serious injury or death from accidental deployment of the airbag system.

Important Safety Information

This manual includes information titled as DANGER, WARNING, CAUTION & NOTICE.

These titles indicate the following:

DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

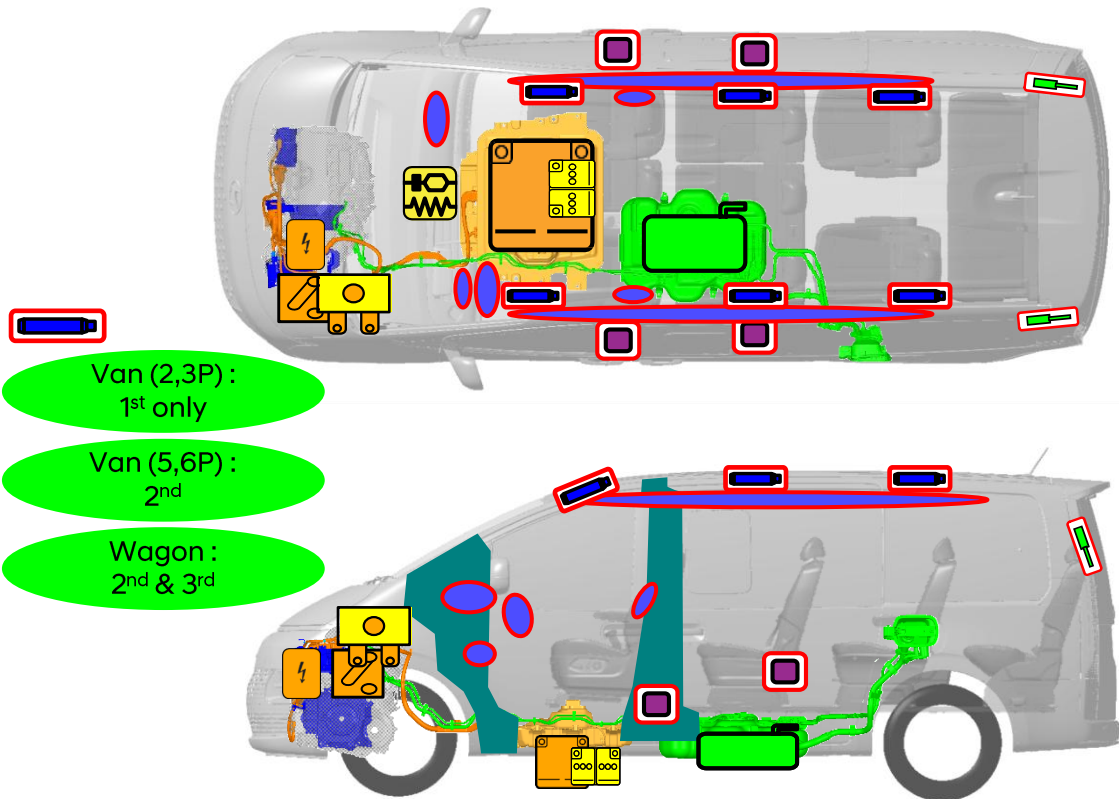
NOTICE

NOTICE indicates a situation which, if not avoided, could result in vehicle damage.

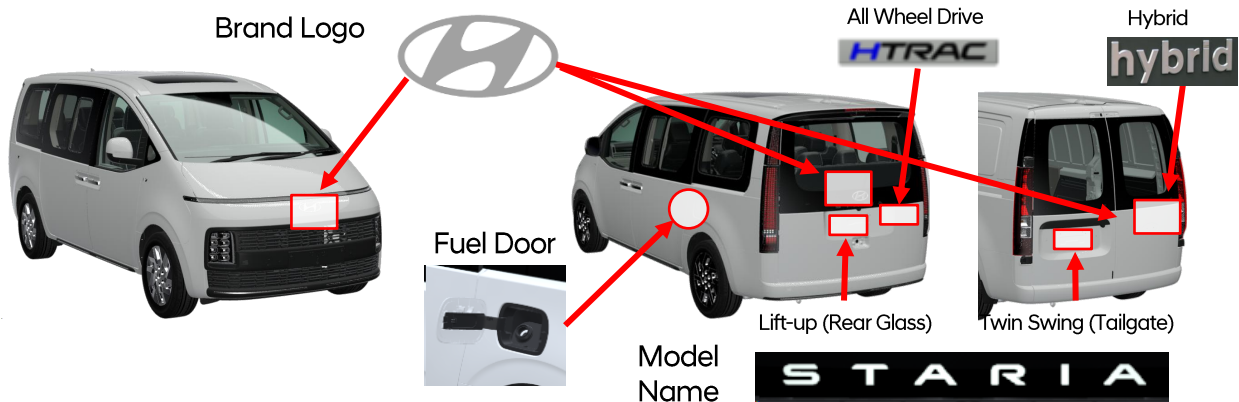
WARNING

- If severe damage causes high-voltage components to become exposed, emergency responders should take appropriate precautions and wear appropriate insulated personal protective equipment.
- Do not attempt to remove the safety plug while standing in the water.
- Never cut or disconnect the high voltage orange cabling and connectors without first disabling the system by removing the safety plug.
- Exposed cables or wires may be visible inside or outside the vehicle. Never touch the wires, cables, connectors, or any electric components before disabling the system, to prevent injury or death due to electrical shock.
- Failure to follow any of these instructions may result in serious injury or death by electrocution.
- Do not cut through any component of the Airbag (SRS) system (Supplementary Restraint System)
- SRS components may remain powered and active for up to 3 minutes after the 12V electrical system is shut off or disabled. Disconnect the battery negative cable and wait for at least 3 minutes before beginning work.
- Failure to follow any of these instructions may result in serious injury or death from accidental deployment of the airbag system.

Important Safety Information	1
Emergency Response Summary (Rescue Sheet)	3
Introduction	6
STARIA Hybrid Identification	7
- General Vehicle Description	7
- Identifying a Hyundai hybrid vehicle	8
STARIA Hybrid Main Systems	11
- Key Specifications	11
- Vehicle Components Location	12
- Vehicle Components	13
- Airbag System (SRS : Supplemental Restraint System)	15
Emergency Procedures	17
- Extrication Tools & Procedure	19
- Initial Response: Identify, Immobilise and Disable	20
- Lifting / Jacking Operations	24
- Submersion	25
- Vehicle Fire	26
- High-Voltage Battery Damage & Fluid Leaks	27
Roadside Assistance	28
- Towing	28
- Jump Starting	29



	Airbag		Airbag Inflator		Seatbelt Pretensioner		SRS Airbag		High Voltage Related Sections
	Vehicles Anti-tip System		Gas Lifter		High Tensile Strength Flooring Application Section		High Voltage Battery		High Voltage Wiring Harness
	12V Battery		Low Voltage Ultra Capacitor		Fuel Tank		High Voltage Blocking Device		High Voltage Battery Deactivation Fuse Box
		ID No.		Version No.		Version Date		Page	
		GY26		1		Aug 2026		1	



2. Vehicle Securing / Vehicle Stabilisation / Vehicle Lifting

■ Vehicle Anchorage



1. With the vehicle stationary, apply the brake pedal, then pull the electronic parking brake switch.



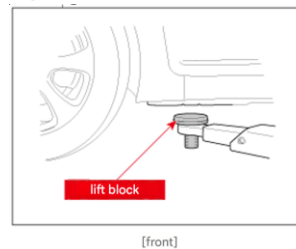
Electronic type
(Press the 'P' button)



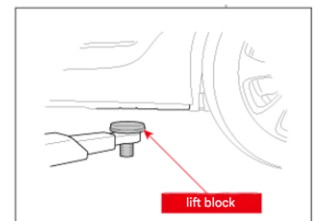
Mechanical shift
(Shift the lever to 'P')

2. For automatic transmission vehicles, depress the brake pedal, then shift, the gear lever into Park.

■ Locations where undercarriage lifting is possible: ▲



[front]



[back]

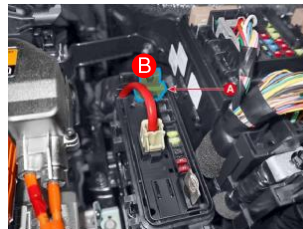
3. Deactivation of Direct Hazards / Safety Regulations

■ How to Access High/Low Voltage Switches

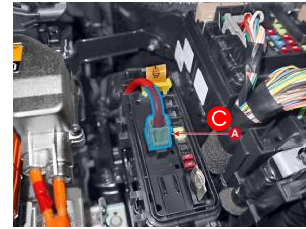
- (1) Pull the hood opening lever located on the driver's side.
- (2) In front of the vehicle, push the hood second release lever to the left while raising the hood.
- (3) Wear a fire helmet and remove the sub-junction block cover (A).
- (4) The high-voltage switch is located inside the fuse box.



- Sub-junction block cover (A)



- High-voltage switch (B)

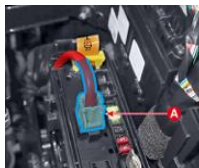


- Low voltage switch (C)

■ Disabling the engine

5

■ Low-voltage battery



– Disconnect the main power supply to the junction box (A)

■ High-voltage battery



- 1) High-voltage safety interlock
- 2) Pull upward to shut down high voltage system

"High-voltage safety interlock"
Remains in its housing after pulling up & shutting down High-voltage system

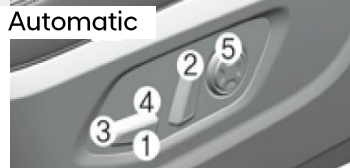
4. Passenger Access

■ How to adjust the seat

Manual

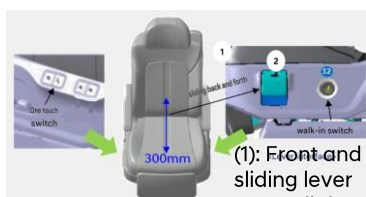
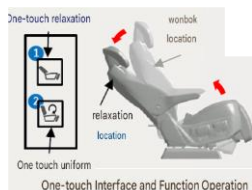


Automatic



- (1): Forward and backward position adjustment
- (2): Backrest angle adjustment
- (3): Adjust cushion angle
- (4): Adjust cushion height
- (5): Lumbar support adjustment

How to use the second-row comfort relaxation seat (Lounge 7P)



- (1): Front and rear sliding lever
- (2): Walk-in Switch

■ Steering column Adjustment method (manual)



■ Door Handle (Emergency Key)

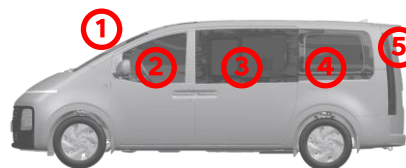


1. Press the lever located under the cover with the emergency key ((1)).

2. To prevent the emergency key from slipping out of the cover hole, press the lever and slowly push toward the rear of the vehicle ((2)) to remove the cover.

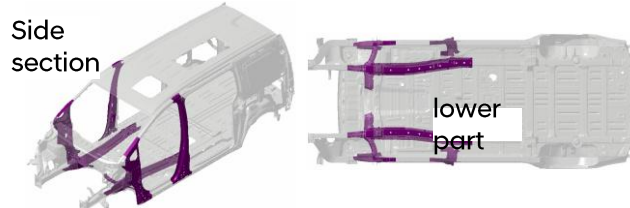
3. In emergencies, after removing the cover, you can use the key to lock or open the driver's side door. ((3))

■ Glass



- (1): Laminated glass
- (2): Tempered glass
- (3): Tempered glass
- (4): Tempered glass
- (5): Tempered glass

■ High-tensile steel plate for body

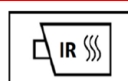


5. Accumulated Energy / Liquids / Gas / Solid Matter

	270V								
	12V								
	Refrigerant	Van Type	Wagon Type						
	R-134a	650±25g	950±25g						



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



Document Purpose

The purpose of this document is to familiarise emergency responders and the towing/roadside assistance industry with the proper methods to handle the Hyundai STARIA Hybrid in an emergency situation. This guide offers a basic overview of key vehicle systems and provides instructions for dealing with the different types of situations encountered by emergency responders. The emergency response procedures for this vehicle are somewhat similar to a conventional vehicle with additional information provided on dealing with the high-voltage electrical system.

Vehicle Description

As with other Hybrids, the Hyundai STARIA Hybrid uses a conventional petrol-powered internal combustion engine paired with a high-voltage electric motor to propel the vehicle. The high-voltage electrical system is completely self-contained and does not need to be recharged by an external power source such as a charging station through charging port. The high-voltage battery is recharged while the vehicle is being driven. This is accomplished through the use of a generator that produces electricity during driving and braking.



General Vehicle Description

The Hyundai STARIA Hybrid is built on a conventional STARIA chassis and therefore the five door hatch back looks very similar to its conventional counterpart with a few notable exceptions. The safest method is to assume that any STARIA you respond to could be a hybrid vehicle until proven otherwise. Using the information provided in this section, responders will be able to differentiate between the two.

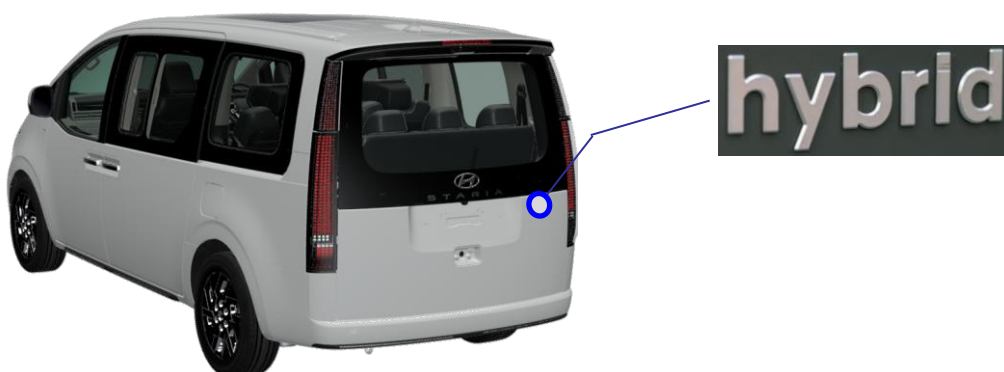
Identifying a Hyundai hybrid vehicle

“HYBRID” badge on the tailgate of the vehicle

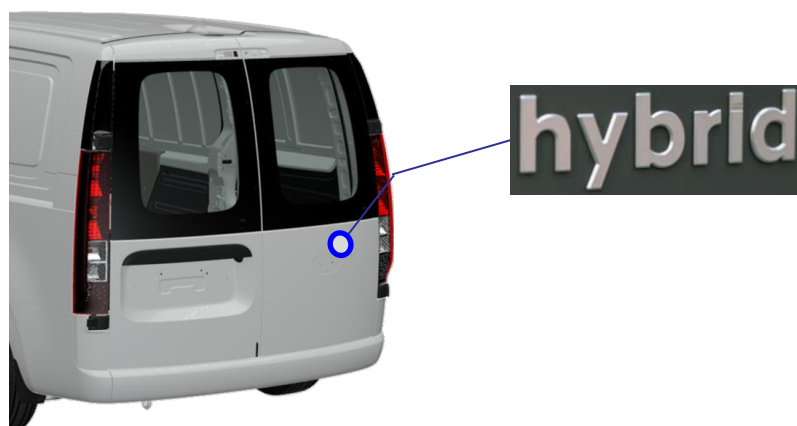
The Hyundai STARIA HYBRID can be easily identified by the ‘HYBRID’ and the ‘STARIA’ badge located on the tailgate of the vehicle.

DANGER

Badging can become hidden after a crash due to damage to the vehicle. Always be sure to utilise additional methods if identification before determining there is no badge present.



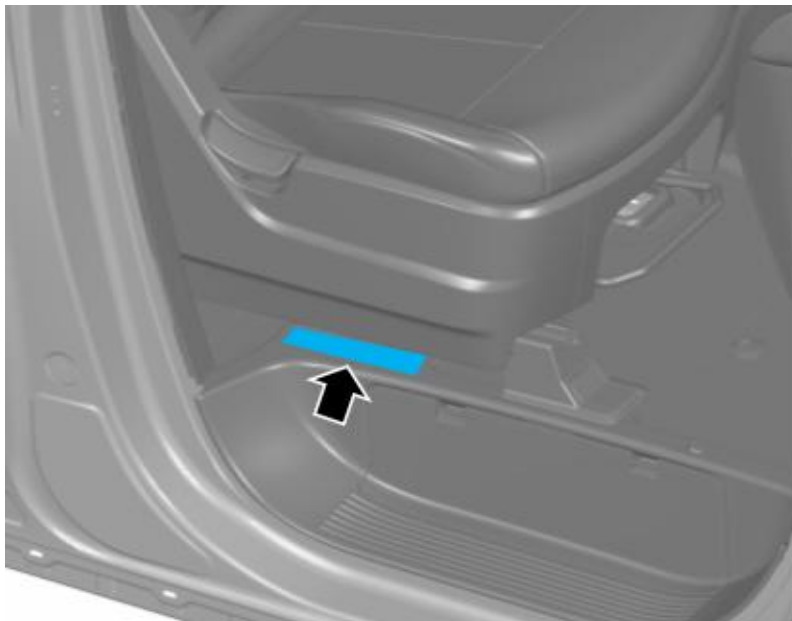
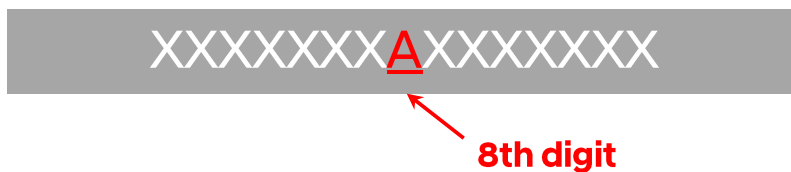
Barn Door Variant
(Swing Doors)



VIN number

The Vehicle Identification Number (VIN) identifies the Hybrid Electric Vehicle with a “A” (*Number one*) displayed in the 8th position, as shown in the below drawing.

The VIN is punched on the floor under the driver seat. The number “A” in the 8th character of the VIN indicates that it is a hybrid vehicle with a 1.6ℓ Turbo Petrol Engine.



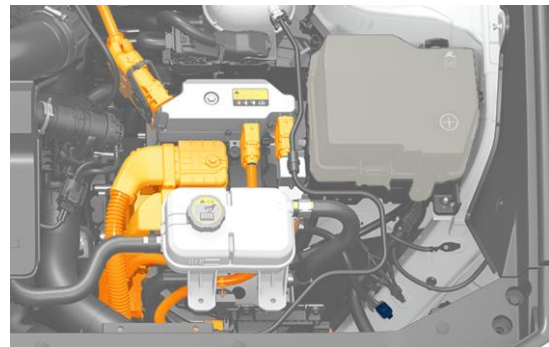
VIN stamped in frame,
side of driver's seat

Engine Compartment

The STARIA Hybrid has a plastic air cleaner assembly with “HYBRID” clearly shown on it.

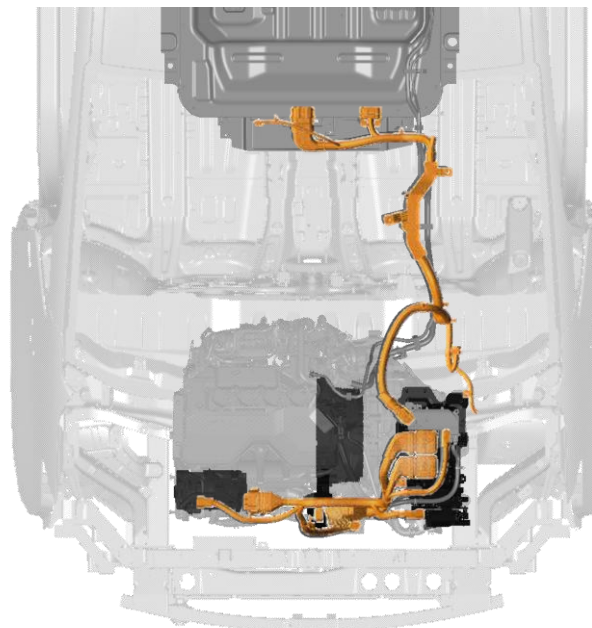


Additionally, there are orange coloured high-voltage electrical cables in the engine compartment.



Vehicle Underside

An orange coloured cable covered by the under cover is also visible on the underside of the vehicle. This cable runs from the center of the vehicle to the engine compartment.



Front of Vehicle

Hybrid Vehicle Cluster Instrument Panel

The Hybrid Vehicle Instrument Cluster Panel displays the electric vehicle specific features that identify the STARIA as a Hybrid vehicle.

Cluster Option A



1. Rev Counter (Tachometer)
2. Speedometer
3. Engine Coolant Temperature Gauge
4. Fuel Gauge
5. Warning And Indicator Lights
6. Instrument Cluster Display (Multi-information Display)

Cluster Option B

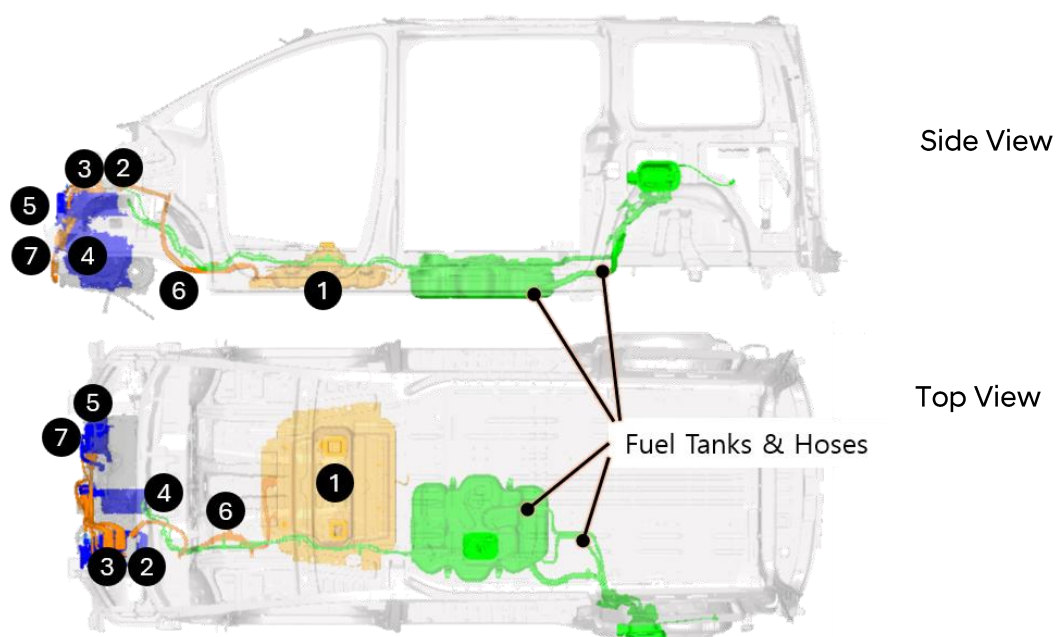


1. Rev Counter (Tachometer)
2. Speedometer
3. Engine Coolant Temperature Gauge
4. Fuel Gauge
5. Warning And Indicator Lights
6. Instrument Cluster Display (Multi-information Display)
7. Charge / ECO / Power Gauge (Power Meter)

Key Specifications

Item		Hybrid
Engine	Type	GAMMA 1.6ℓ TURBO ATKINSON GDI (Gasoline Direct Injection)
		Displacement : 1,598 cc
	Max. Power (kW)	132 kW @ 5,500 rpm
	Max Torque (Nm)	265 Nm @ 1,500 ~ 4,000 rpm
Transmission	Type	6-Speed Automatic Transmission
Electric Traction Motor	Type	Permanent Magnet Synchronous Motor
	Max. Power (kW)	54 kW (combined – 180 kW)
	Max Torque (Nm)	304 Nm (combined – 367 Nm)
High Voltage Battery	Type	Lithium-ion Polymer (Pouch Type)
	Rated Voltage (V)	270
	Capacity (kWh)	1.49
	Number for Cells	12 Cells (6 Modules)
	Weight (kg)	Approx. 15

Vehicle Components Location – High Voltage



1	High-voltage Battery	Supplying Current To Electric Motors or Storing Generation Current
2	High-voltage Junction Box	Supplying Current From High-voltage Batteries To Inverters, LDCs, Etc.
3	HPCU	Hybrid Power Control Unit
4	Hybrid Motor	When Current Flows Through The Coil, The Motor Rotates To Generate Torque.
5	HSG	Hybrid Starter Generator
6	High Voltage Cable	High-voltage Cables Are Made In Orange Colour According To SAE Standards,
7	High-voltage Compressor	Air Conditioning Compressor

⚠ WARNING

Electrocution Risk!

- Never cut or disconnect the high voltage orange cabling and connectors without first disabling the system by removing the safety plug.
- Exposed cables or wires may be visible inside or outside the vehicle. Never touch the wires, cables, connectors, or any electric components before disabling the system, to prevent injury or death due to electrical shock.
- Failure to follow these instructions can lead to death by electrical shock.

Vehicle Components – High Voltage Battery



High-Voltage (HV) Battery

The High-Voltage battery is located under the vehicle, below the driver's seat.

BMS (Battery Management System)

The BMS is located inside the High-Voltage Battery assembly and measures several parameters to maintain the optimal performance of the High-Voltage Battery.

In addition, if a system fault occurs, the BMS turns off the PRA to protect the system.

PRA (Power Relay Assembly)

The PRA is located inside the High-Voltage Battery Pack Assembly and controls the high-voltage power circuit between the High-Voltage Battery and the Hybrid Power Control Unit.

12V Lithium Auxiliary Battery

The 12V Lithium Auxiliary Battery is located inside the High-Voltage Battery Pack Assembly.

Petrol Engine

Specially calibrated internal combustion engine 1.6-litre Turbo GDI direct injection petrol engine. Staria Hybrid is powered by this engine and an electric drive motor, which uses energy stored in the battery. Staria Hybrid cannot be plugged in to charge the high voltage battery. Instead, the battery is charged through regenerative braking and by the internal combustion engine.



Electric Drive Motor

Mounted between the petrol engine & automatic transmission. Electric Drive Motor is used for vehicle propulsion when in EV mode & Hybrid Mode. During deceleration or braking, it acts as a generator and charges the high voltage battery by converting the vehicle's kinetic energy into electrical energy.



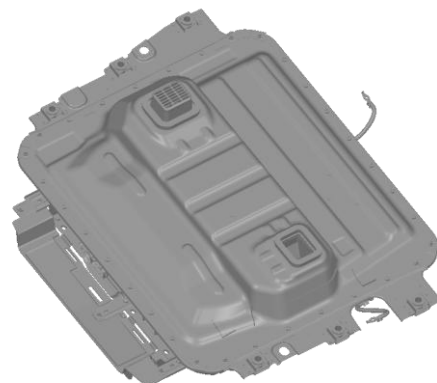
Transmission

The 6-speed Automatic Transmission is mated to the Electric Drive Motor and then provide the driveline to the front wheels.



Lithium-ion High Voltage Battery

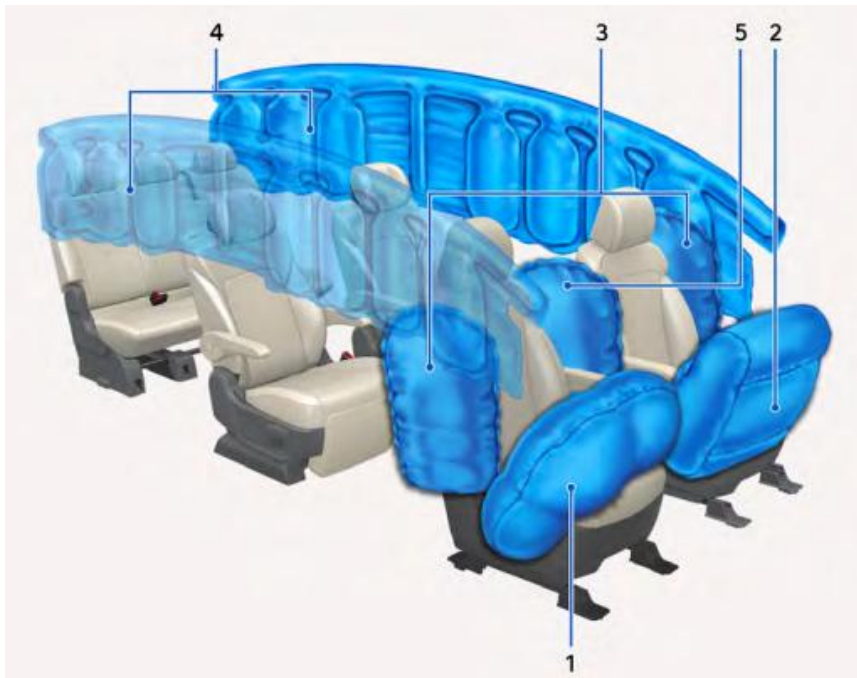
The 1.49 kWh high-power battery has superior charge/discharge characteristics, maximising both electric driving and energy regeneration



Airbag System (SRS : Supplemental Restraint System)

Airbag

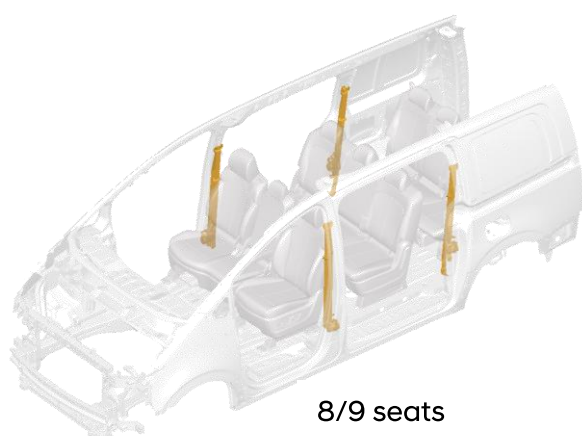
Seven airbags are installed in the STARIA Hybrid as shown below. Before starting any emergency procedure, make sure the vehicle ignition is turned off, disconnect the negative cable from the 12V auxiliary battery to prevent accidental deployment of airbags.



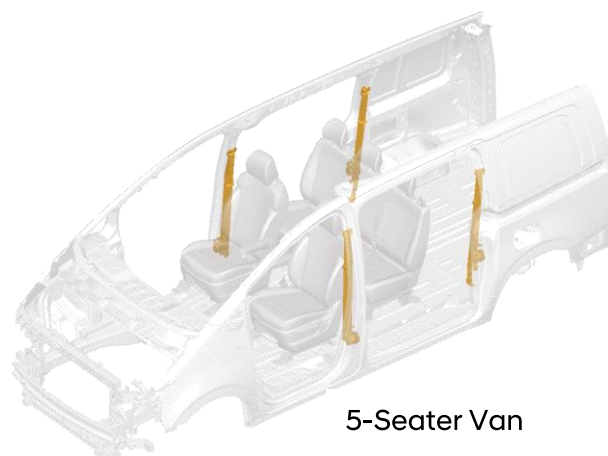
*** The actual air bags and seats in the vehicle may differ from the illustration**

1. Driver's front airbag
2. Passenger's front airbag
3. Front side airbag
4. Curtain airbag
5. Front centre side airbag

Airbags & Seatbelt Information

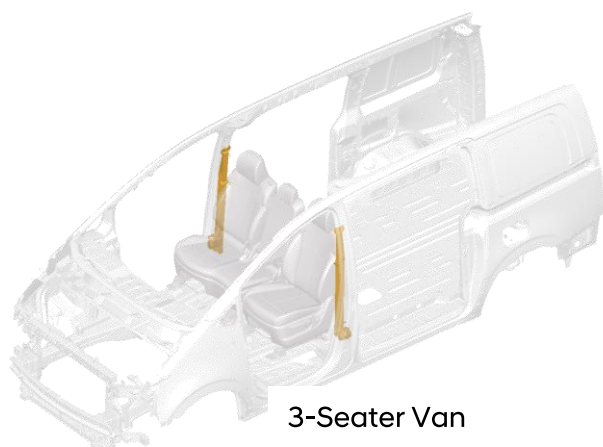


8/9 seats

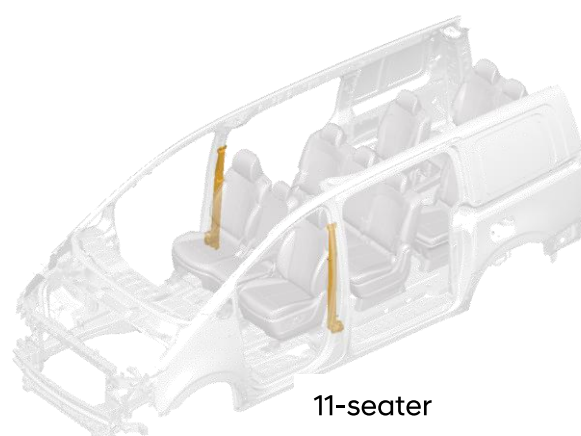


5-Seater Van

4 seatbelt pretensioners (8/9 seats, 5-seater van, 6-seater van)



3-Seater Van



11-seater

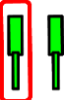
2 seatbelt pretensioners (2-seater van, 11-seater, 9-seater premium, 7-seater)

The standard 8/9-seater, 11-seater, 9-seater Premium, 7-seater, 5-seater van, and 6-seater van of the Staria Hybrid are equipped with seatbelt pretensioners in the driver/passenger seat and rear seat (left/right). In 2/3-seater vans, only seatbelt pretensioners are installed in the driver's seat (left/right). If the seatbelt pretensioner is activated during a collision, noise and smoke-like dust can be seen from the passenger seat. This is a normal operating condition and not dangerous. During operation, the seatbelt pretensioner may become hot and may need to cool for several minutes after use.

⚠ WARNING

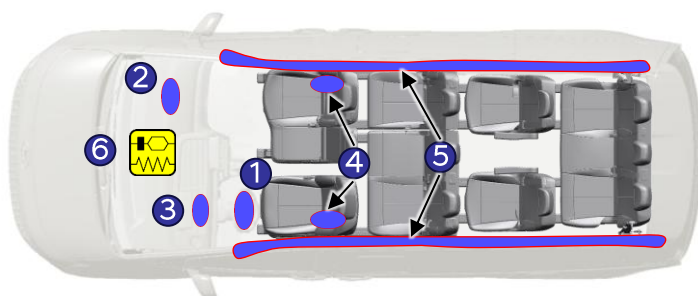
- Do not cut through any component.
- SRS components may remain powered and active for up to 3 minutes after the 12V electrical system is shut off or disabled. Disconnect the battery negative cable and wait for at least 3 minutes before beginning work. Failure to follow any of these instructions may result in serious injury or death from accidental deployment of the airbag system.

Pictogram

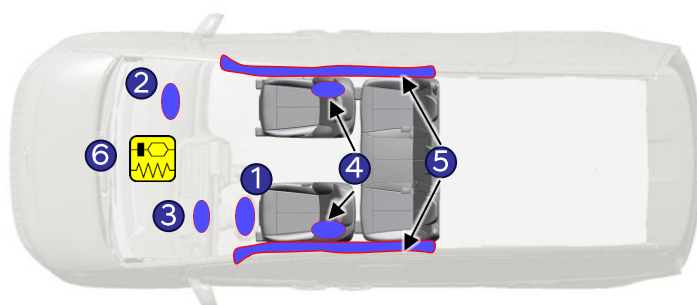
	Airbag		Airbag Inflator		seat belt pretensioner		Airbag System Control Unit
	12-volt battery		gas lifter		Ultra steel plate Application		High voltage cutoff Label
	High-voltage battery		High-voltage wiring harness		High Voltage-Related Section		Use of thermal imaging cameras
	High voltage cutoff device		Air conditioning unit		Using water to extinguish fires		EV
	General Warning		Electric warning		Environmental pollution		explosiveness
	Toxic		Corrosion material		Bonnet		tailgate
	Flame		Risks to the human body				

Airbags & Seatbelt Information

The Staria Hybrid is equipped with six types of airbags, as shown in the image below. Before performing emergency rescue procedures, you must check that the vehicle's engine is off and that the connector on the 12V battery has been disengaged to prevent airbag deployment.

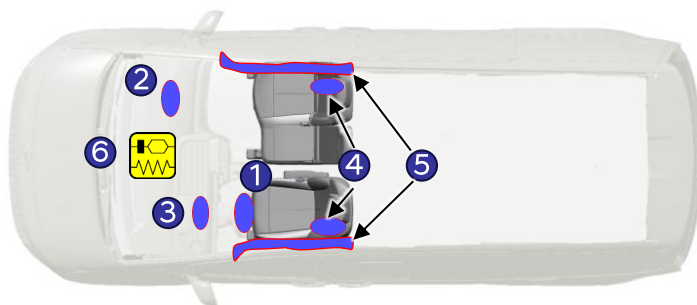


6 types, 8 locations (11-seater, 8/9-seater, 9-seater Premium, 7-seater)



6 types, 8 locations (5-seater van)

1. Driver's Front Airbag
2. Front Airbag for Passenger Seats
3. Driver's Knee Airbag
4. Side Airbags (Driver's Seat, Passenger Seat)
5. Curtain airbags (driver's seat, passenger seat)
6. SRS Control Module (SRSCM)

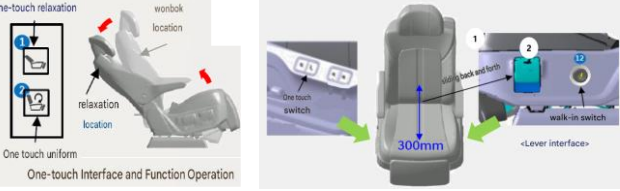
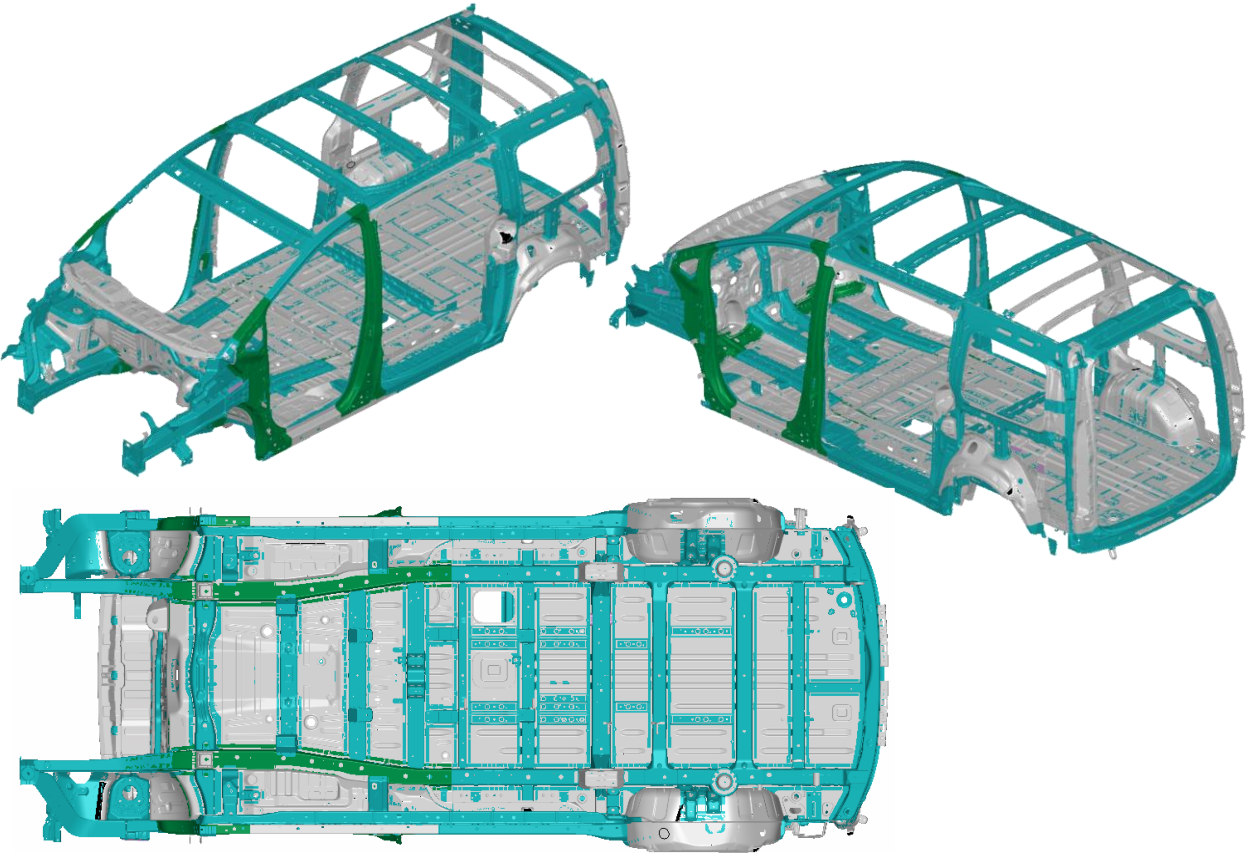


6 types, 8 locations (2-seater van)

⚠ WARNING

- Do not cut airbag parts.
- The airbag components retain power for up to 3 minutes even after the 12V electrical system is cut off or disengaged. It can maintain operational status. Disconnect the battery negative cable and wait for at least 3 minutes. Failure to follow these guidelines can result in serious injury or death due to sudden activation of airbag components.

Extrication Tools & Procedure

Manual Seat  Power Seat 	1) Forward and backward position adjustment 2) Backrest angle adjustment 3) Adjust cushion height 1) Forward and backward position adjustment 2) Backrest angle adjustment 3) Adjust cushion angle 4) Adjust cushion height 5) Lumbar support adjustment	How to use the second-row comfort relaxation seat (Lounge 7P)  (1): Front and rear sliding lever (2): Walk-in Switch
Body stiffness indicator : The green marked part is difficult to cut with regular tools.  - General Steel - High-strength steel/ultra-high-strength steel - Ultra steel / hot stamping steel (ultra-high strength)		

Initial Response:

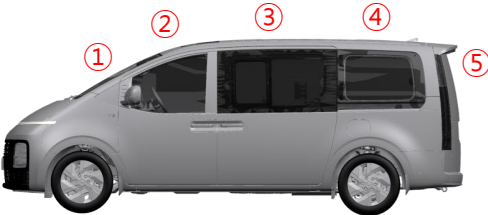
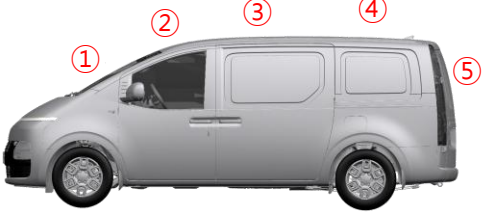
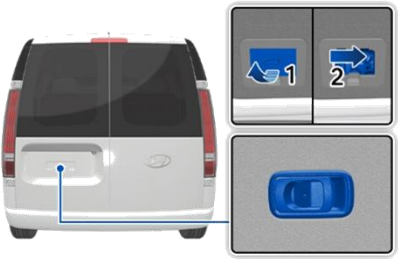
The following procedures should be used whenever you are dealing with a STARIA Hybrid at an emergency scene. All other operations should be consistent with your department's standard operating procedures or guides. Hybrid vehicles damaged by a crash may have compromised high voltage safety systems and present a potential high voltage electrical shock hazard. Exercise caution and wear appropriate personal protective equipment (PPE) safety gear, including high voltage safety gloves and boots. Remove all metallic jewelry, including watches and rings.

Identify

When dealing with a STARIA at the scene of an accident, emergency responders should always assume that it is a hybrid model until it can be proven otherwise using the identification features outlined in this ERG. External badging will usually be the first clue but it can often be hidden by damage caused in a crash. Always be sure to inspect multiple sides of the vehicle as well as using the clues found under the hood and in the interior of the vehicle.

Emergency Procedures

Due to the STARIA Hybrid having high-voltage components, rescuers must perform identification, deactivation/stabilisation procedures, and pay special attention when rescuing occupants from the vehicle.

	GLASS Specification: Wagon / People Mover (1): Laminated glass (2): Tempered glass, (3): Tempered glass (4): Tempered glass (5): Tempered glass
	GLASS Specifications: Van (1): Laminated glass (2): Tempered glass, (3) & (4): Panels (5): Tempered glass
	- How to open the tailgate in emergency (lift-up type) ➤ Unlock using long, flat objects such as keys ➤ Push the lever in the direction as shown to unlock. ➤ Push open the tailgate.
	- How to open the tailgate in emergency (twin swing type) ➤ Press the handle and tilt it upward to remove the cover (1). ➤ Emergency unlock lever (2) inside with arrow direction ➤ Push towards the right to unlock the lock. ➤ Pull the tailgate handle (3) to open.
	- How to adjust the steering column ➤ Check the steering wheel adjustment lever near the steering wheel. ➤ Release the lever and adjust the steering wheel's vertical and downward angles ➤ Adjust the front rear position. ➤ Lock the lever again and secure it.

Disable

The final step in the initial response process, conducted after the vehicle is secured to prevent movement, is to disable the vehicle, its SRS components and the high voltage electrical system. To prevent current flow through the system, use one of the following procedures to disable the vehicle.

I . Disabling the system – Smart Key System and “POWER” START/STOP BUTTON

1. 1. Check the status of the EV READY light on the instrument panel. If the EV READY light is illuminated, the vehicle is on.

a) If the EV READY light is NOT illuminated, the vehicle is off, Do not push the “POWER” START/STOP button because the vehicle may restart.

b) To turn off the system, put the shift lever in the P (Park) position and press the POWER button beside a shift lever.



“POWER” START/STOP Button

Without depressing the brake pedal

Pressing POWER button	Button Position	Vehicle condition
	OFF	Off
One time	ACC	Electrical accessories are operational.
Two times	ON	The warning lights can be checked before the vehicle is started.
Three times	OFF	Off

Depressing the brake pedal while a shift lever is in the P (Park) position

Pressing POWER button	Button Position	Vehicle condition
	OFF	Off
One time	-	Ready to drive

2. Before disconnecting the 12V auxiliary battery, move the smart key at least 2 meters away from the vehicle to prevent accidental restart.

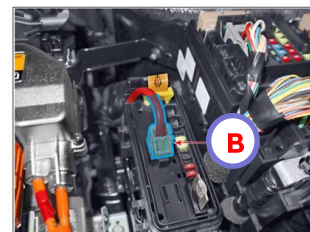


Smart Key

3. Disconnect the negative (-) 12V auxiliary battery cable (A), located in the engine bay.



3-1. Open The Bonnet (A).



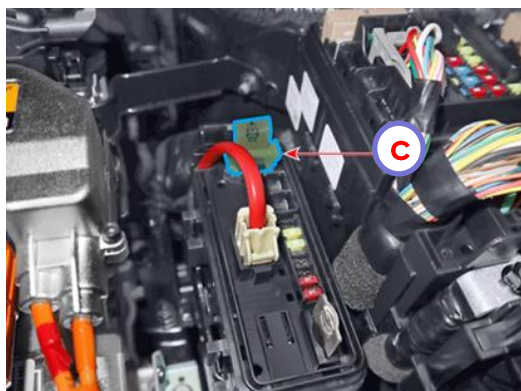
3-2. Remove the 12V battery service cover of the junction box and disconnect (+) connector (B).

NOTICE

If necessary, lower the windows, unlock the doors and open the boot as required, before disconnecting the 12V auxiliary battery. Once the 12V auxiliary battery is disconnected, power controls will not operate.

3-3. Find the high-voltage cutoff switch located in the junction box (C).

A high-voltage cutoff label is attached. The shape of the switch is as follows. This switch does not separate from its housing.



Disconnect the high-voltage power cable (A) from the left display section.

⚠ WARNING

Wait for more than 5 minutes so that the capacitor in the high voltage system can be fully discharged.

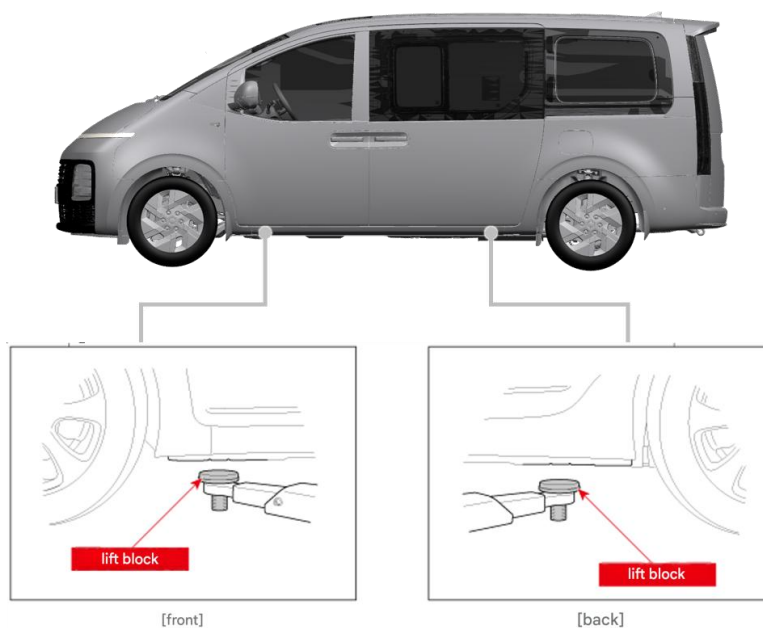
If the methods mentioned above are not properly implemented, there is a possibility of sudden airbag system operation. Additionally, it is essential to keep in mind that high-voltage systems may not be shut down.

Lifting / Jacking Operations

The lifting / jacking up for the STARIA Hybrid are similar to the conventional vehicle. However, the first responder should pay special attention when they extract occupants in the vehicle. Before extrication operations, the first responders should carry out “Initial Response: Identify, Immobilise and Disable” procedure section.

Vehicle Stabilisation

Use standard stabilisation (cribbing) points, as shown. Always be sure to connect to a structural member of the vehicle and avoid placing cribbing under high voltage cables, fuel lines and other areas not normally considered acceptable.



Submersion

Some emergency responses can involve a submerged vehicle. A STARIA Hybrid that is submerged does not have high-voltage component on the vehicle's body or framework. It is safe to touch the vehicle's body or framework if there is no severe damage to the vehicle, whether it is in water or on land.

In the event the vehicle is submerged or partially submerged, remove the vehicle from the water before attempting to disable the vehicle. Drain the water from the vehicle.

WARNING

- If severe damage causes high-voltage components to become exposed, responders should take appropriate precautions and wear appropriate insulated personal protective equipment.
- Do not attempt to remove a Service Disconnect Plug while in the water

Failure to follow any of these instructions may result in serious injury or death by electrocution.

Vehicle Fire

After Initial Emergency Response Procedures have been applied, Firefighting Procedures may begin. Hyundai recommends that each response team follow their own department's standard operating procedures for fighting vehicle fires in combination with the STARIA Hybrid specific details that are covered in this section.

Firefighting Operations

If the high-voltage battery pack is either involved in or at risk of being involved in a fire in a STARIA Hybrid, strict cautions must be taken while conducting firefighting operations due to following reasons:

Lithium-ion Polymer batteries contain gel electrolyte that can vent, ignite, and produce sparks when subjected to temperatures above 150°C

May burn rapidly with a flare-burning effect.

Even after the high-voltage battery fire appears to have been extinguished, renewed or delayed fire can occur.

- Use a thermal imaging camera to ensure the high voltage battery is completely cooled before leaving the incident.
- Always advise second responders that there is a risk of the battery re-igniting.
- Fire, submersion or a collision that has compromised the high voltage battery, always store it in an open area with no exposures within 50 feet / 15 meters.

A burning battery could release hydrogen fluoride, carbon monoxide, and carbon dioxide gasses. Use NIOSH/MSHA approved full-face self-contained breathing apparatus (SCBA) with full protective gear. Even if the high-voltage battery pack is not directly involved in a vehicle fire, approach the vehicle very carefully.

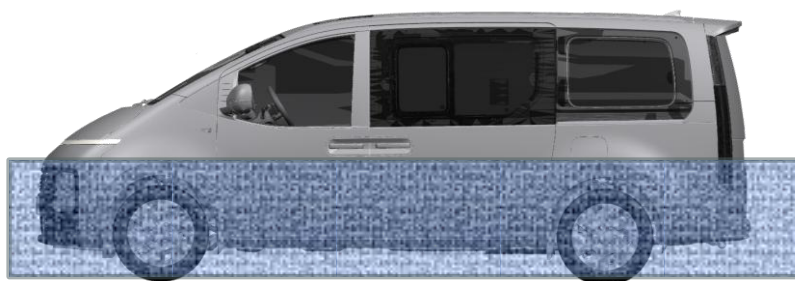
Extinguishers

Small fires that high voltage battery is not involved : Extinguish fires using a ABC extinguisher for an electric fire.

Fires that the high voltage battery is involved, or the high voltage battery is heating : Extinguish fires using large and sustained amount of water to cool the high voltage battery. Do not extinguish fire with a small amount of water. Firefighters should not hesitate to pour large amounts of water on the vehicle.

High-Voltage Battery Damage & Fluid Leaks

- Remove any water from the vehicle interior and engine compartment as soon as it is safe to do so.
- Disconnect the 12V power supply by removing the accessible positive (+) connector in the engine compartment.
- Remove water from the high-voltage battery area and disconnect the high-voltage battery service disconnect switch (if accessible and safe to do so).
- Position the vehicle in an open area, away from other vehicles, structures, and buildings to minimise risk during battery monitoring or discharge.
- Carefully monitor the high-voltage battery discharge process until completion.
- If the high-voltage battery can be safely removed from the vehicle, remove it and carry out isolation and discharge procedures in accordance with OEM guidelines.
- If the battery cannot be removed, prepare a suitable containment tank and fully submerge the battery in water. Use a saltwater solution (approximately 1% concentration).
- Maintain the battery in a fully submerged condition for a minimum of **40 hours** to ensure complete discharge.
- This model is not equipped with a BMU service cover beneath the battery pack. Therefore, if water ingress occurs, tilt the battery as required to allow drainage from a suitable low point.

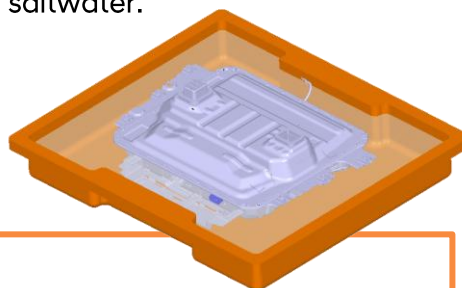


Damaged High-Voltage Battery Discharge (Water Line Level – Approx)

- To safely store damaged batteries, they must be discharged.
- If the battery is separated from the vehicle, discharge it using saltwater.
- Prepare brine at about 1% concentration in the tank.
- Leave the battery in saltwater for about 40 hours.
- Remove the battery from the tank and dry it.

⚠ WARNING

- Remove all smoke, sparks, and flames around the vehicle.
- Electrolyte solutions are skin irritants.
- Do not touch or step on leaked electrolytes.
- In the event of an electrolyte leak, wear appropriate solvent-resistant personal protective equipment (PPE) and clean the spilled electrolyte using soil, sand, or a dry cloth. Make sure to ventilate the area thoroughly.



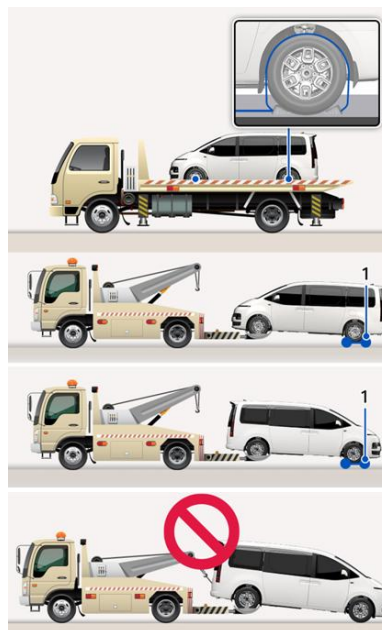
Towing

When towing STARIA Hybrid vehicle, all wheels should be off the ground and not in contact with the road.

If emergency towing is necessary, we recommend having it done by an authorised Hyundai dealer or a commercial tow-truck service. The use of wheel dollies or flatbed is recommended.

⚠ CAUTION

- Do not tow the vehicle backwards with the front wheels on the ground as this may cause damage to the vehicle.
- Do not tow with sling-type equipment. Use wheel lift or flatbed equipment.
- Never tow the vehicle with the front wheels on the ground (forward or backward), as this may cause damage to the vehicle.



- Failure to follow the recommended towing procedures may result in vehicle damage, personal injury, or additional accidents.
- Do not use sling-type towing equipment. This method is not suitable for towing the Hyundai Staria Hybrid and may cause vehicle damage.
- To prevent damage to the vehicle, always use a flatbed tow truck or other equipment that keeps all wheels off the ground whenever possible.
- For vehicles equipped with side curtain airbags, ensure that the vehicle is switched OFF before towing. If the vehicle remains powered ON and is tilted during the towing process, the rollover detection system may interpret the vehicle's position as a rollover event and deploy the side curtain airbags unexpectedly.

⚠ Unexpected airbag deployment may cause injury to emergency responders, recovery personnel, or bystanders.

For 2WD vehicles, including the Hyundai Staria Hybrid (front-wheel drive), do not tow the vehicle with the drive wheels in contact with the ground. Towing the vehicle with the front wheels on the ground may result in severe damage to the electric motor, drivetrain components, and other vehicle systems. As the drive wheels rotate, the electric motor may generate electrical energy. This can lead to damage of motor components and, in extreme cases, may create a risk of fire. Always transport the vehicle using a flatbed tow truck or ensure that the drive wheels are lifted clear of the ground and properly supported during towing.

To Jump Start the Car

- Ensure jump cables are not routed near any moving engine components during engine start or operation.
- Only connect the jump leads to the specified battery terminals and approved grounding points. Do not allow the jump cables to contact any other components or surfaces, and do not apply excessive force when attaching the clamps.
- When using an assisting vehicle, start the engine of the assisting vehicle and allow it to run for several minutes before attempting to start the disabled vehicle.
- Press the **12V Battery Reset** button (if equipped) prior to starting the vehicle.
- Attempt to start the disabled vehicle within approximately 15 seconds after completing the connection procedure.
- After the vehicle has started, allow it to idle or operate for approximately 30 minutes to ensure sufficient charging of the 12V system.
- Once the engine is running, disconnect the jump cables in the reverse order of connection, starting with the negative (-) terminal.
- If the cause of the 12V battery discharge is unknown, the vehicle should be inspected and serviced by an authorised repair facility as soon as possible.



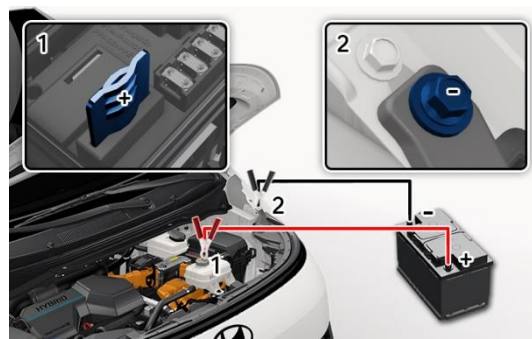
CAUTION

- Do not connect jump cables to moving parts or nearby when starting the vehicle.
- Do not connect jump cables anywhere other than the correct battery terminals and ground.
- Do not lean on the battery while the jump cable is connected.
- **Do not jump-start other vehicles with this vehicle. When attempting a jump start, the vehicle's 12V. It can damage lithium polymer types in batteries.**

If the 12V battery is completely discharged and the reset function does not operate, the vehicle may require a jump start.

- Position the assisting vehicle so that the jump leads can reach both vehicles. Ensure the vehicles do not touch each other.
- Even when the vehicle is switched OFF, do not approach or place hands near any moving engine components.
- Turn OFF all electrical loads in the vehicle, including the audio system, headlights, and air conditioning. Ensure the transmission is in **P (Park)** and apply the parking brake.
- Connect the positive (+) terminal of the discharged battery (1) to the positive (+) terminal of the auxiliary battery (2) using a suitable jump lead.
- Connect the negative (-) terminal of the auxiliary battery (3) to a suitable grounding point (4) on the discharged vehicle body.
- If a designated grounding point cannot be identified, connect the negative lead to an unpainted metal surface on the vehicle body.

Ensure all connections are secure before attempting to start the vehicle.



HYUNDAI HELP LINE
0800 HYUNDAI (498 632)