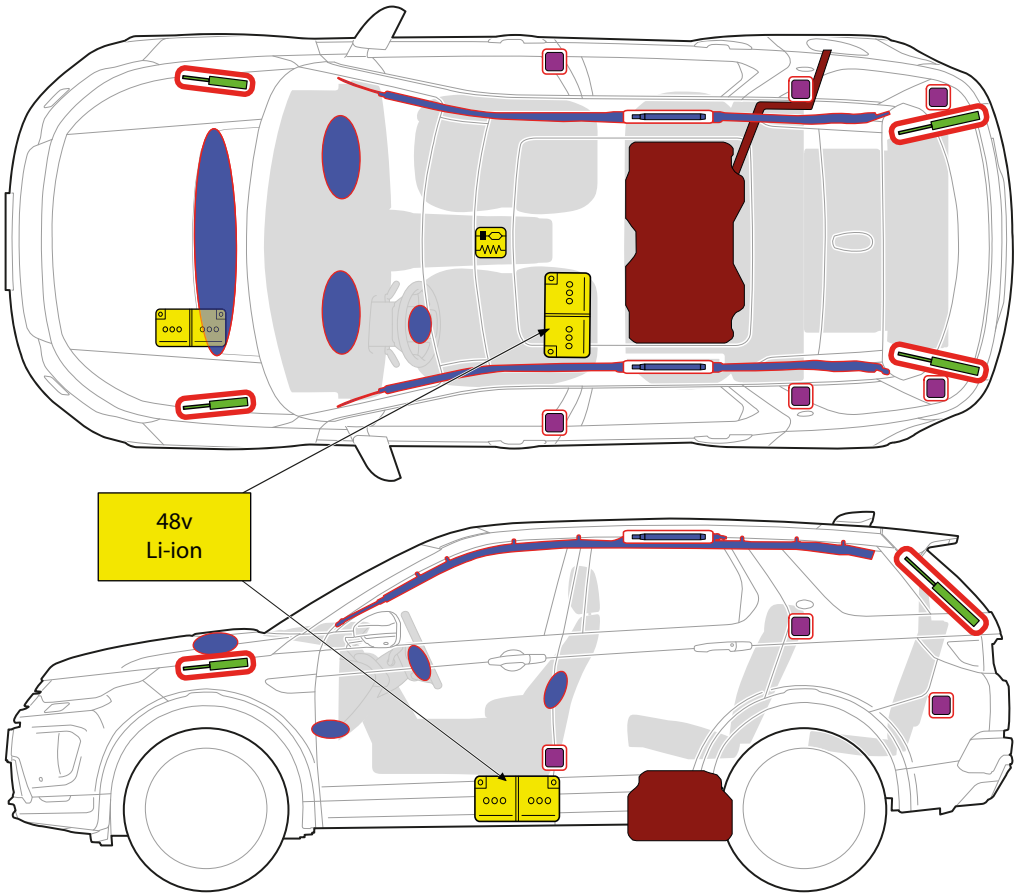




LAND ROVER DISCOVERY SPORT (L550)
5 DOOR, MHEV
2023-



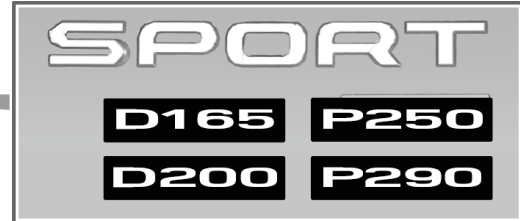
Legend

	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		
	Battery, low voltage		Ultra capacitor, low voltage		Fuel tank		Gas tank		Safety valve
	High voltage battery pack		High voltage power cable / component		High voltage disconnect		Fuse box disabling high voltage system		Ultra capacitor' high voltage

1. IDENTIFICATION / RECOGNITION

Land Rover Discovery Sport MHEV models can be identified by the following badge fitted to vehicle.

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



2. IMMOBILISATION / STABILISATION / LIFTING

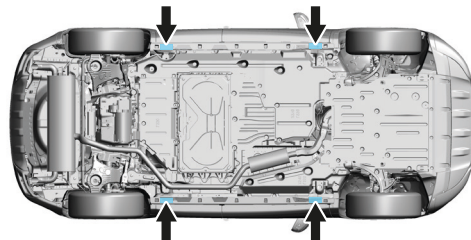
Immobilise the vehicle

1. Chock the wheels.
2. When the **P** button is pressed, the transmission engages park (**P**) and the EPB applies to help secure the vehicle.



Vehicle lifting and jacking.

Only lift or jack the vehicle using the jacking points shown in the illustration below.



Do not place cribbing such as wooden blocks or rescue air lifting bags under the exhaust system or fuel system. doing so may result in fuel leaks or fire.

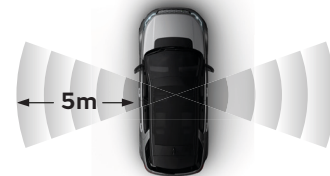
3. DISABLE DIRECT HAZARDS / SAFETY REGULATIONS

Perform the procedure to completely shut off the vehicle.

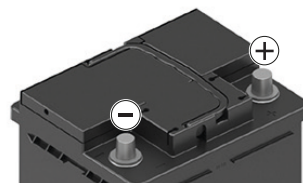
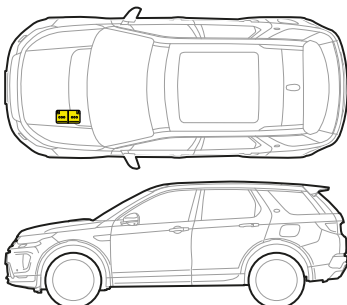
1. Switch off ignition.
2. Remove all smart keys from the vehicle and store at least 5 metres away.
3. Disconnect the start-up battery.



2



3



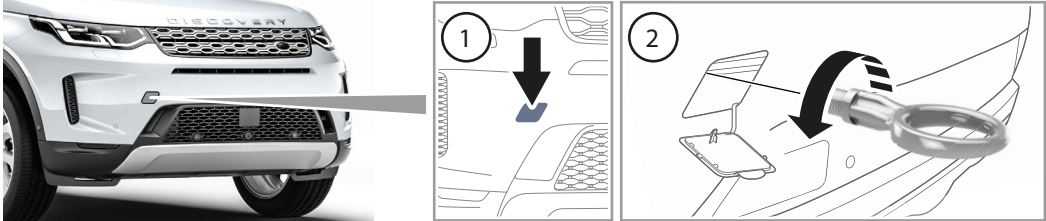
Always disconnect the negative terminal first and reconnect last. Failure to do so may lead to an electrical shock, resulting in injury.

8. TOWING / TRANSPORTATION / STORAGE

Front towing eye

The front towing point is located behind a removable cover in the lower front bumper. To remove the cover:

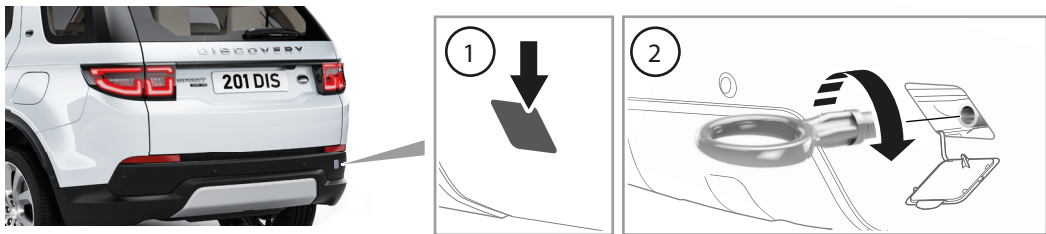
1. Pop out the access cover by pressing the outboard edge to release the securing clip. The cover is secured on the bumper by its tether, but can be released for safe storage.
2. Locate the towing eye through the bumper. Fully screw the towing eye counter-clockwise into the towing point until secure.



Rear towing eye

The rear towing point is located behind a small access panel in the rear bumper. To fit the towing eye:

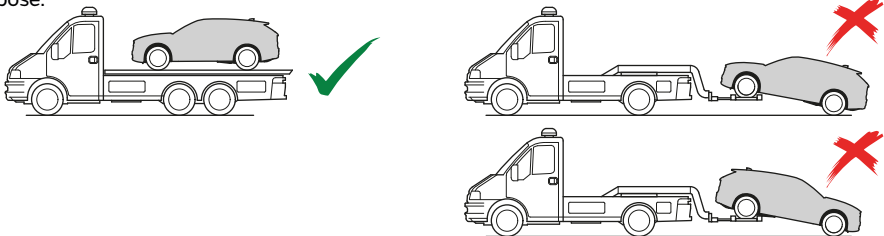
1. Pop out the access cover by pressing the lower edge to release the securing clip. The cover is retained on the bumper by its tether, but can be released for safe stowage.
2. Locate the towing eye through the bumper, and fully screw the towing eye clockwise into the towing point until secure.



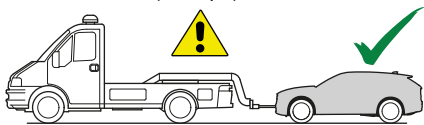
Recovery method

Transporter or trailer:

The recommended method for recovery or transportation of the vehicle is on a transporter or trailer designed for that purpose.



If the vehicle cannot be recovered by using the recommended method, in an emergency, the vehicle can be towed on all four wheels for a short distance if it is essential. Do not tow the vehicle for more than 50 km (30 miles). Do not exceed 50 km/h (30 mph).



Straight bar tow on all wheels:

9. IMPORTANT ADDITIONAL INFORMATION

The pedestrian airbag deploys from the external surface of the hood, the hood does not lift during airbag deployment.

For further details, please refer to TOPIx <https://topix.jaguar.lrex.com/>

10. EXPLANATION OF PICTOGRAMS USED



General
Warning



Warning,
Electricity



Explosive



Corrosives



Hazardous to
human health



Acute
toxicity



Flammable



Use water to
extinguish
the fire

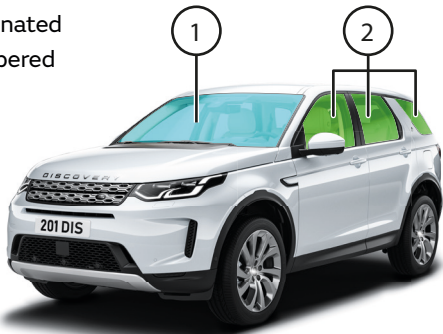


Infrared
camera



4. ACCESS TO THE OCCUPANTS

- 1. Laminated
- 2. Tempered



5. STORED ENERGY / LIQUIDS / GASES / SOLIDS



Battery



12v / 48v



Fuel Tank



Petrol : 67 l
Diesel : 65 l



Coolant



Petrol : 11.2 l
Diesel : 11 l

6. IN CASE OF FIRE

Small vehicle fires can be treated with normal firefighting methods.

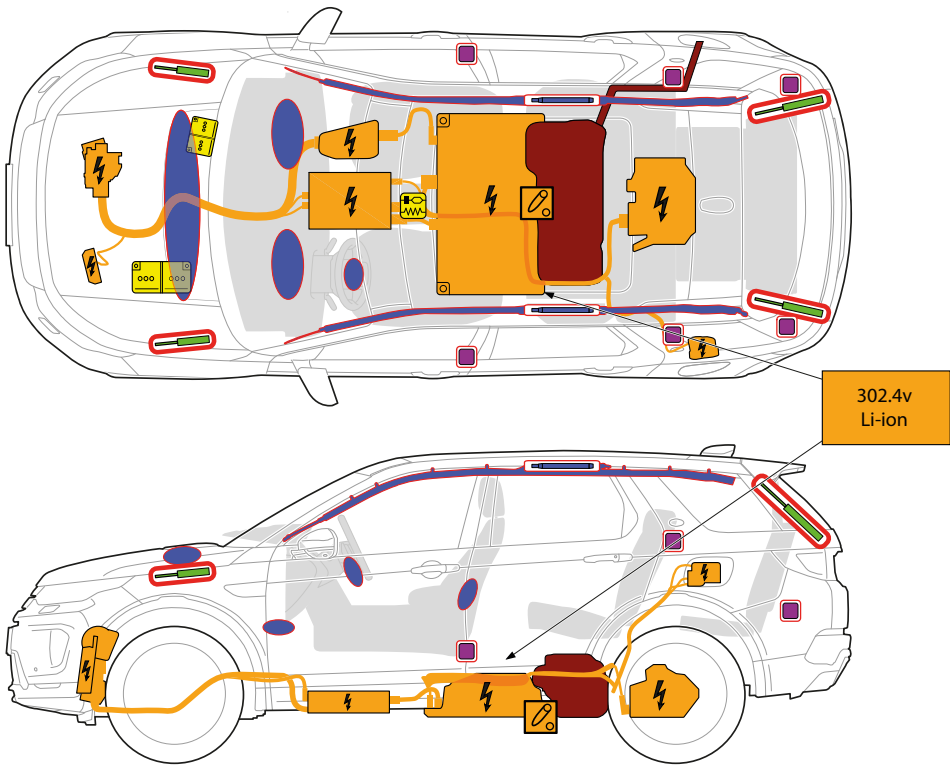


7. IN CASE OF SUBMERSION

Work on the vehicle only after it has been removed from the water.



LAND ROVER DISCOVERY SPORT (L550)
5 DOOR, PHEV
2023-



Legend

	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		
	Battery, low voltage		Ultra capacitor, low voltage		Fuel tank		Gas tank		Safety valve
	High voltage battery pack		High voltage power cable / component		High voltage disconnect		Fuse box disabling high voltage system		Ultra capacitor' high voltage
	High Voltage Component								

ID No

Version No

Page No

ERG550P

1.0

1 of 4



1. IDENTIFICATION / RECOGNITION

Land Rover Discovery Sport PHEV models can be identified by the following badge fitted to vehicle.
LACK OF ENGINE NOISE DOES NOT MEAN VEHICLE IS OFF. SILENT MOVEMENT OR INSTANT RESTART CAPABILITY EXISTS UNTIL VEHICLE IS FULLY SHUT DOWN. WEAR APPROPRIATE PPE.



2. IMMOBILISATION / STABILISATION / LIFTING

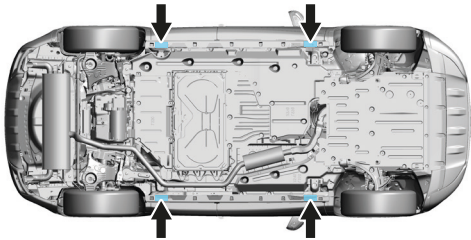
Immobilise the vehicle

1. Chock the wheels.
2. When the **P** button is pressed, the transmission engages park (**P**) and the EPB applies to help secure the vehicle.



Vehicle lifting and jacking.

Only lift or jack the vehicle using the jacking points shown in the illustration below.



Do not place cribbing such as wooden blocks or rescue air lifting bags under the exhaust system or fuel system. doing so may result in fuel leaks or fire.

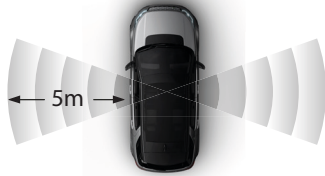
3. DISABLE DIRECT HAZARDS / SAFETY REGULATIONS

Perform the procedure to completely shut off the vehicle.

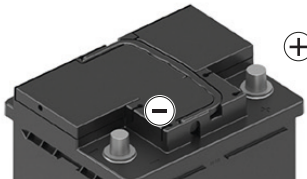
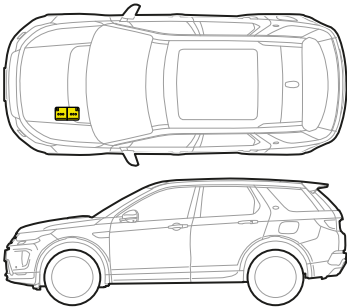
1. Switch off ignition. 2. Remove all smart keys from the vehicle and store at least 5 metres away. 3. Disconnect the start-up battery.



2



3

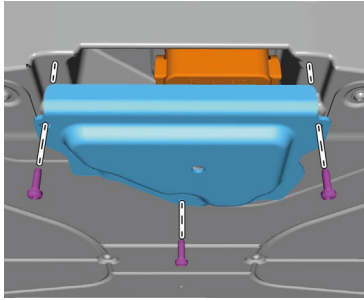
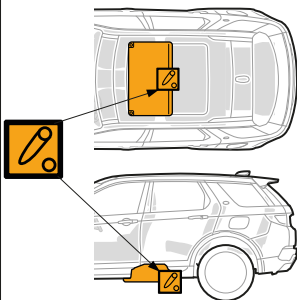


Always disconnect the negative terminal first and reconnect last. Failure to do so may lead to an electrical shock, resulting in injury.

Removing the Master Service Disconnect (MSD) from the High Voltage battery



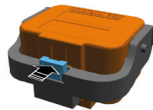
When removing the MSD from the High Voltage battery, Class 0 Personal Protective Equipment (PPE) must be worn. Remove the MSD access panel from the bottom of the High Voltage battery. Follow the 4 stage process shown to remove the MSD from the High Voltage battery



1



2



3



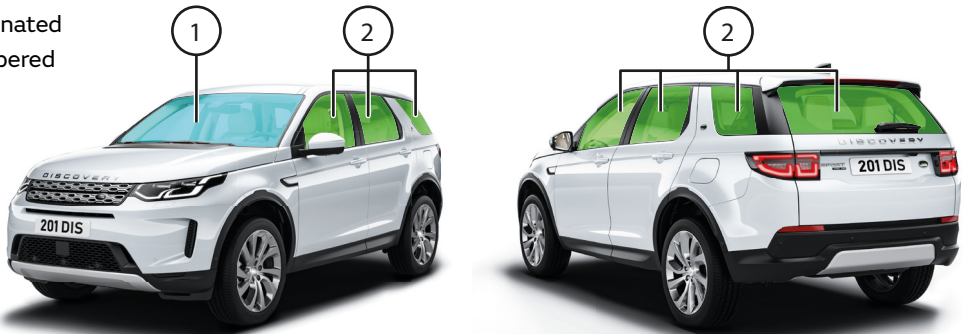
4





4. ACCESS TO THE OCCUPANTS

- 1. Laminated
- 2. Tempered



5. STORED ENERGY / LIQUIDS / GASES / SOLIDS

 Battery	   	12 v
 High voltage battery pack	      	302.4 v
 Fuel Tank	    	57 l
 Coolant	   	14.6 l



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

In the event of a fault, damage, or fire affecting an electric or hybrid vehicle:



- 1. Always remember that the high voltage battery, subsystems, and components are energised and fully charged.
- 2. The high voltage battery, cables, and exposed electrical component pose a potential risk of electric shock.

Small vehicle fires, that do not involve the High Voltage (HV) system, can be treated with normal firefighting methods.



A PHEV battery involved in a fire, or exposed to high heat levels, will release toxic vapours. These vapours include sulfuric acid, oxides of carbon, nickel, lithium, copper, and cobalt. Responders must protect themselves with full PPE and breathing apparatus.



If the PHEV battery or components within the HV system are subject to fire or high heat levels, the HV system must be treated as UNSAFE, therefore, sufficient PPE must be worn and any contact with the vehicle is to be avoided.



Areas exposed to fire or high heat must be treated using high volumes of water, DO NOT attempt to extinguish a HV system fire without sufficient water supply.

The HV system has its own coolant which is glycol based coolant. If the system is damaged, this orange coolant can leak out of the battery or surrounding components.



An Infrared camera should be used to monitor the temperature of the PHEV battery.



7. IN CASE OF SUBMERSION

Work on the vehicle only after it has been removed from the water.

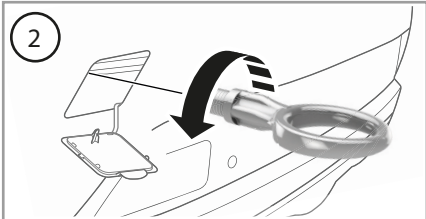
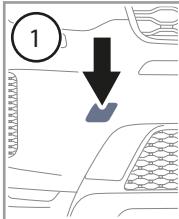


8. TOWING / TRANSPORTATION / STORAGE

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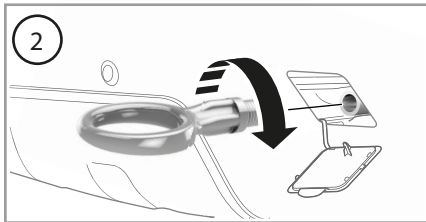
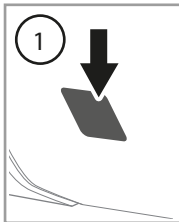
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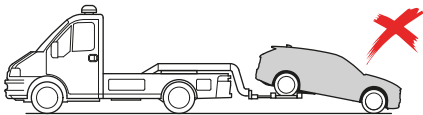
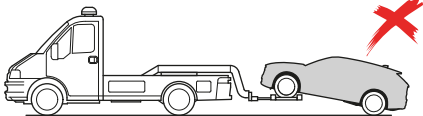
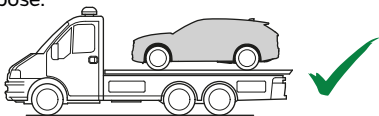
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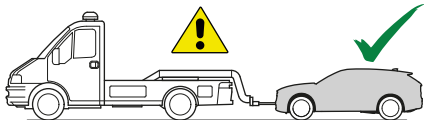
Recovery method

Transporter or trailer:

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Straight bar tow on all wheels:

9. IMPORTANT ADDITIONAL INFORMATION

The pedestrian airbag deploys from the external surface of the hood, the hood does not lift during airbag deployment.

For further details, please refer to TOPIx <https://topix.jaguar.lrex.com/>

10. EXPLANATION OF PICTOGRAMS USED



General
Warning



Warning,
Electricity



Explosive



Corrosives



Hazardous to
human health



Acute
toxicity



Flammable



Use water to
extinguish
the fire



Infrared
camera