

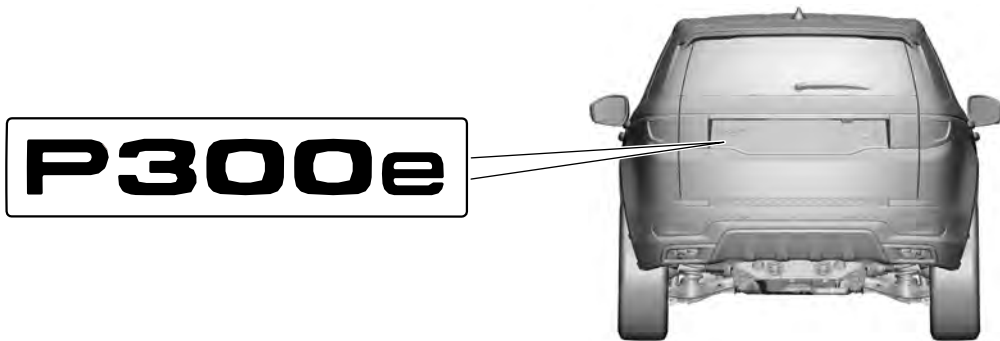
**Legend**

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

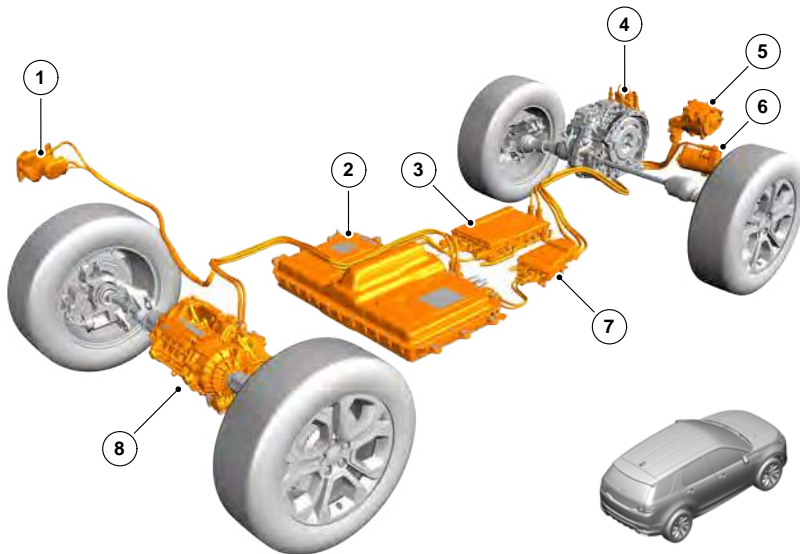


**1. IDENTIFICATION / RECOGNITION**

All Discovery Sport PHEV models can be identified by the following badge fitted to vehicle.



**System Overview**



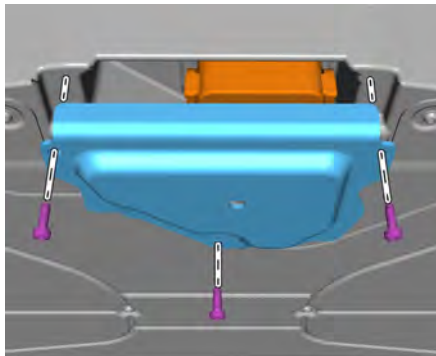
ITEM	DESCRIPTION
1	Charging port
2	PHEV battery
3	High Voltage Junction Box
4	HV interior heater
5	BISG
6	A/C Compressor
7	HV Inverter
8	Electric Rear Axle Drive

**3. DISABLE DIRECT HAZARDS / SAFETY REGULATIONS**



**When removing the Master Service Disconnect (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.



Then follow the 4 stage process shown to remove the MSD from the High Voltage battery.



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## 6. IN CASE OF FIRE

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 vapors. These vapors 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.

ID No	Version No	Page No
ERG550P	1.0	3 of 3