

BLIKSUND

Crash Recovery System

Certified Instructor Program 2024-2025

CIP Programme 2024-2025

1. Introductions, learning questions and goals
2. Acquisition of Moditech by Bliksund
3. New in the Crash Recovery System
4. Roadmap including these upcoming new vehicles
5. Special features and exceptions 1
6. Practice assignments: Real-life cases
7. Publications / news flashes
8. Practice assignments: CRS General
9. Special features and exceptions 2



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1. Introductions, learning questions and goals

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Are there any specific questions in advance about using the

Crash Recovery System?



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Unusual incidents



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Unusual incidents

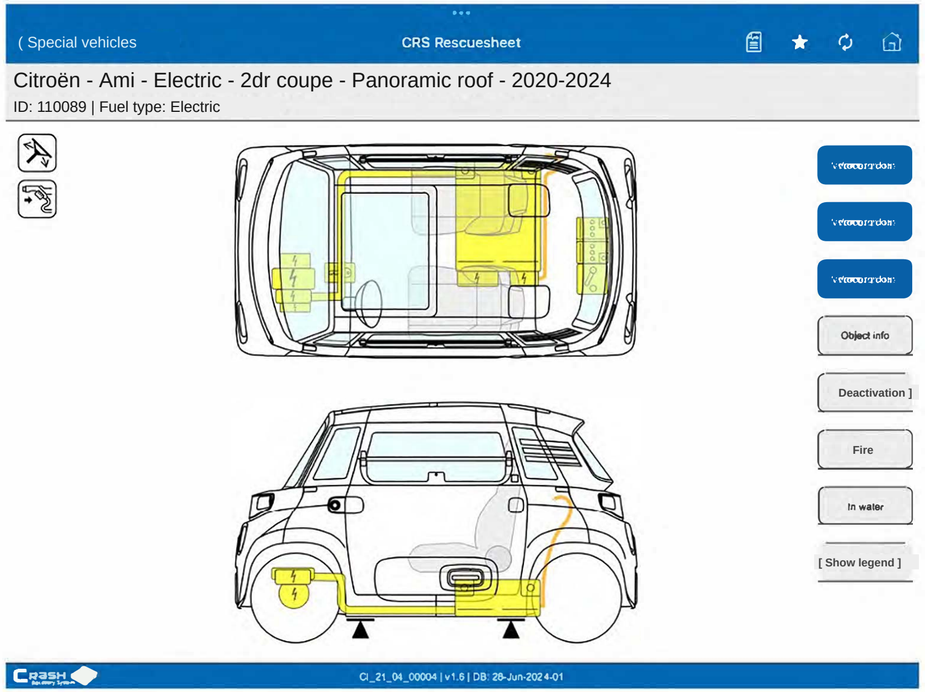


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Unusual incidents



Special vehicles:
Citroën AMI / Opel Rocks-e



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Unusual incidents

> Wanted .. very large man .. braids and blue white trousers

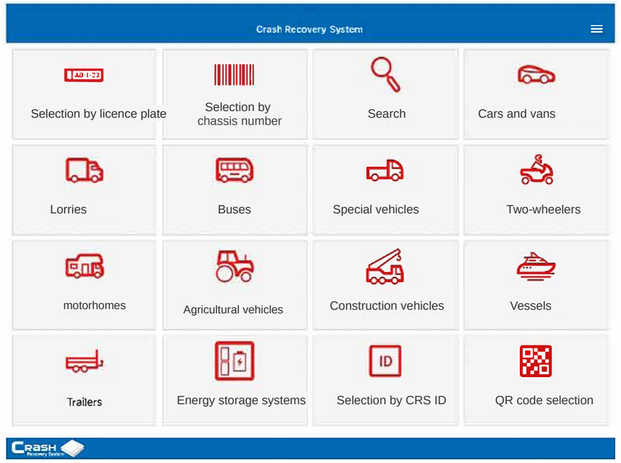


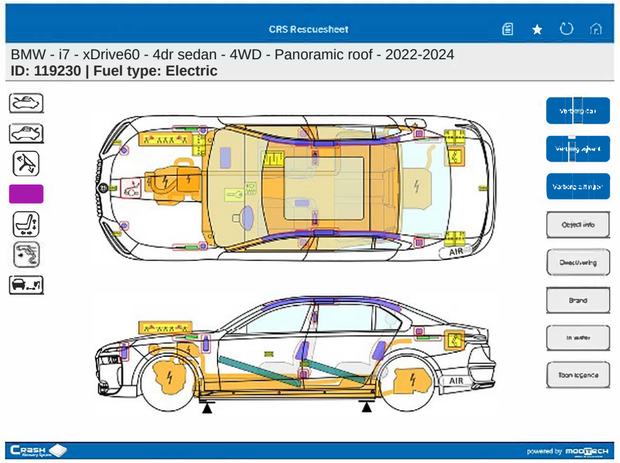


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After completing the CIP training, participants will be able to:

- Apply the latest updates in the CRS system
- Work with the capabilities and applications of the CRS
- Translate the information from the CRS into practice.





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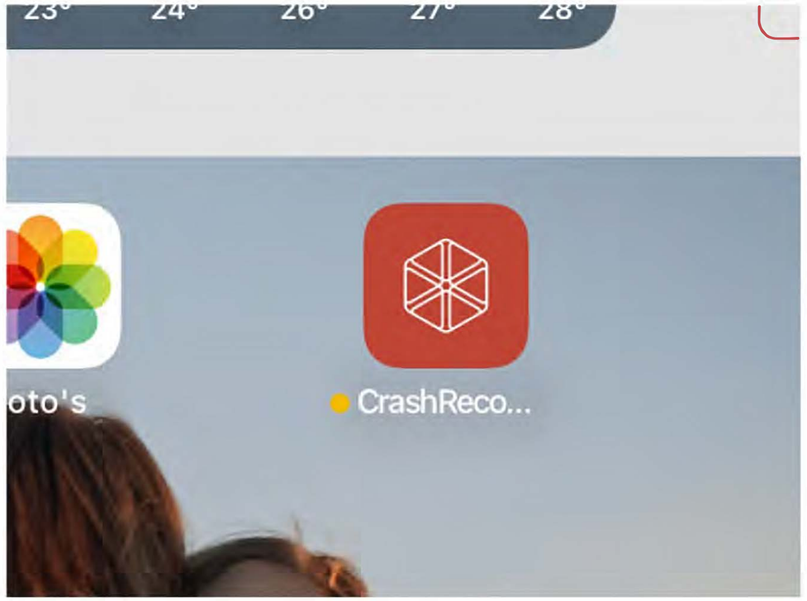
2. Acquisition of Moditech by Bliksund

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MODITECH
RESCUE SOLUTIONS®

CRASH
Recovery System®

BLIKSUND
CRS





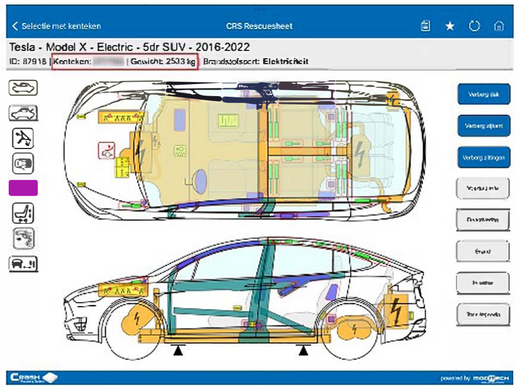


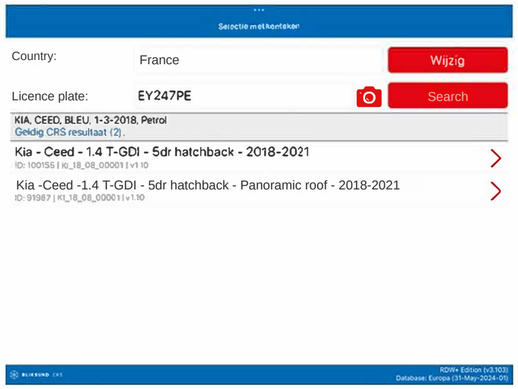
3. New in the Crash Recovery System

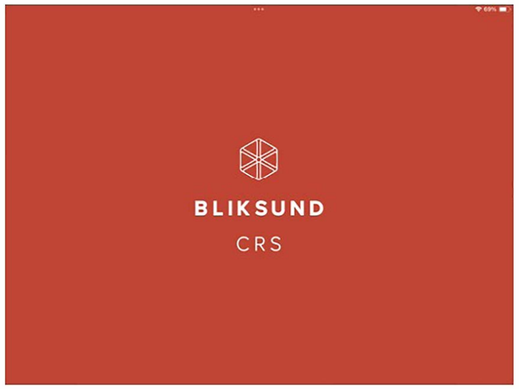
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Over the past year, these updates were introduced, among others:

- The vehicle weight is now visible in the CRS
- Licence plate lookup available for France, Italy, Spain and Switzerland
- CRS Mobile experience improved for smartphones
- New logos for the CRS app and app stores.
- Object info for hybrid and electric vehicles





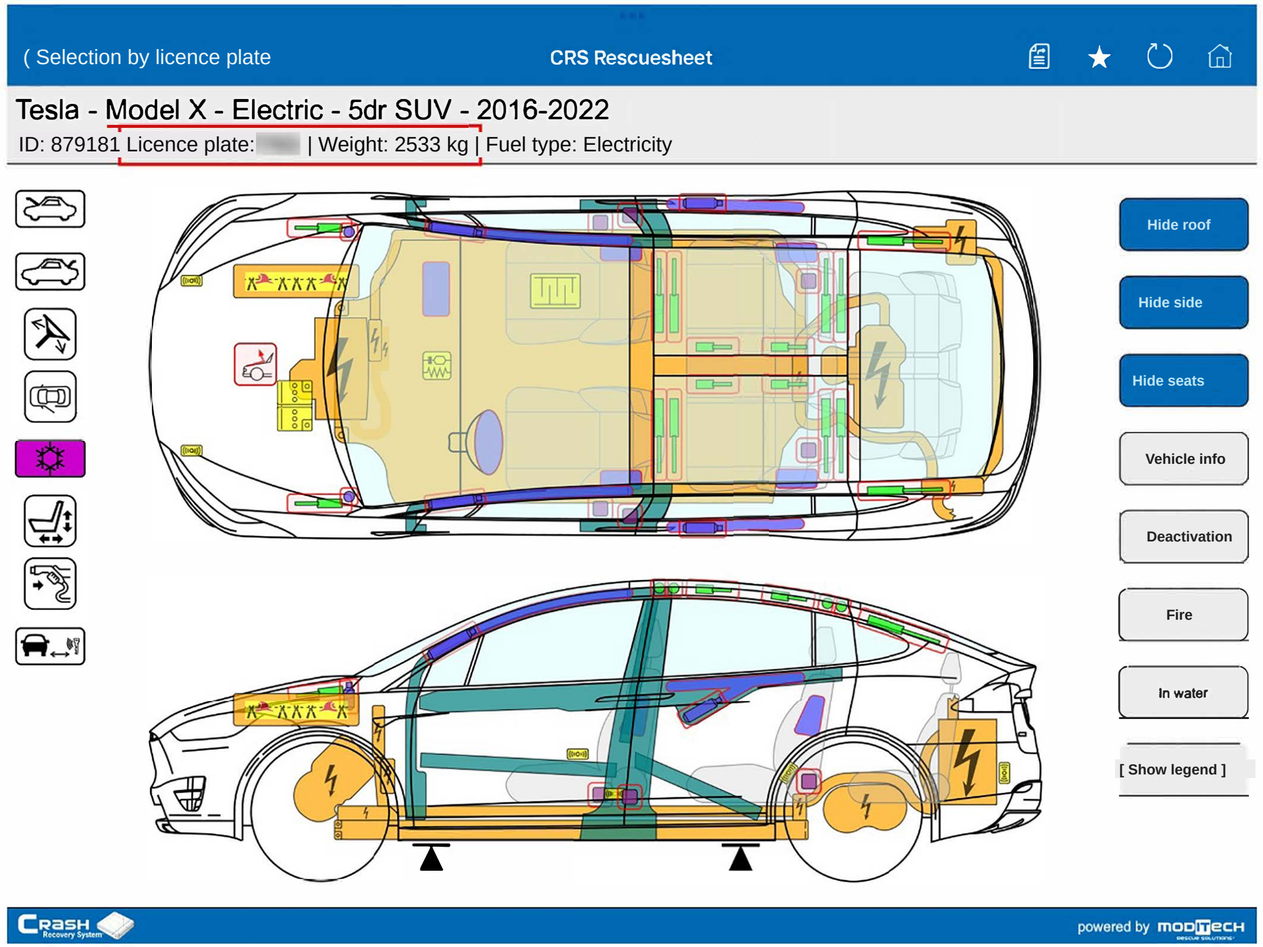


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AB-1-23

Selection by licence plate

Vehicle weight visible in the CRS



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Selection by licence plate

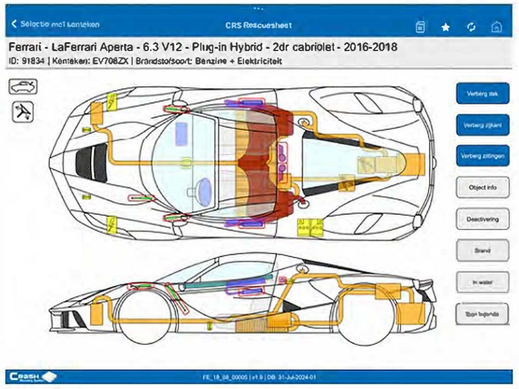
Licence plate lookup for France, Italy, Spain and Switzerland available.

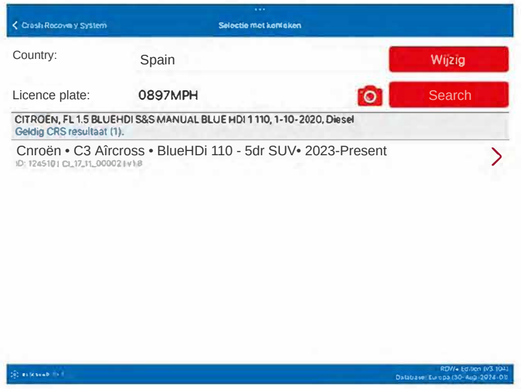












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Crash Recovery System
Number plate practise list

Austria

BP 70795	Volkswagen Touran	CRS-ID: 86731
W 9996TX	Ford Mondeo	CRS-ID: 96565

Denmark

DE79016	KIA EV6	CRS-ID: 108223
BS82091	Hyundai i30	CRS-ID: 34495

Finland

YII877	Scania P-Series	CRS-ID: 77018
VZE423	Skoda Octavia CNG	CRS-ID: 81957

France

FP272JS	Porsche Taycan Turbo	CRS-ID: 104377
EY247PE	Kia Ceed GDI	CRS-ID: 100155

Italy

FB741TR	Lamborghini Aventador	CRS-ID: 86738
EV708ZX	Ferrari LaFerrari Aperta	CRS-ID: 91834

Netherlands

TJG-59-H	Doosan DX165W-5	CRS-ID: 110735
T-92-GBG	New Holland T7 tractor	CRS-ID: 114404

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Crash Recovery System
Number plate practise list

Norway

EL 23263	Tesla Model S	CRS-ID: 81834
EL 32620	BMW i3	CRS-ID: 81325

Spain

0897 MPH	Citroën C3 Aircross	CRS-ID: 124510
6298 KSN	Skoda Kodiaq	CRS-ID: 106261

Sweden

PRE 366	Mercedes-Benz CLS	CRS-ID: 79993
BJF 444	Volvo 7700 CNG Bus	CRS-ID: 111465

Swiss

BL182232	Mazda 3	CRS-ID: 80719
ZH951043	Ford E-Transit	CRS-ID: 112764

United Kingdom

PK56 UOM	Volkswagen Eos	CRS-ID: 42334
HV13 YNU	Renault Zoe	CRS-ID: 80039

United States of America

CE93FX FL	Ford, Edge 3.5	CRS-ID: 75748
CORVWGN PA	Chevrolet Corvette	CRS-ID: 81510

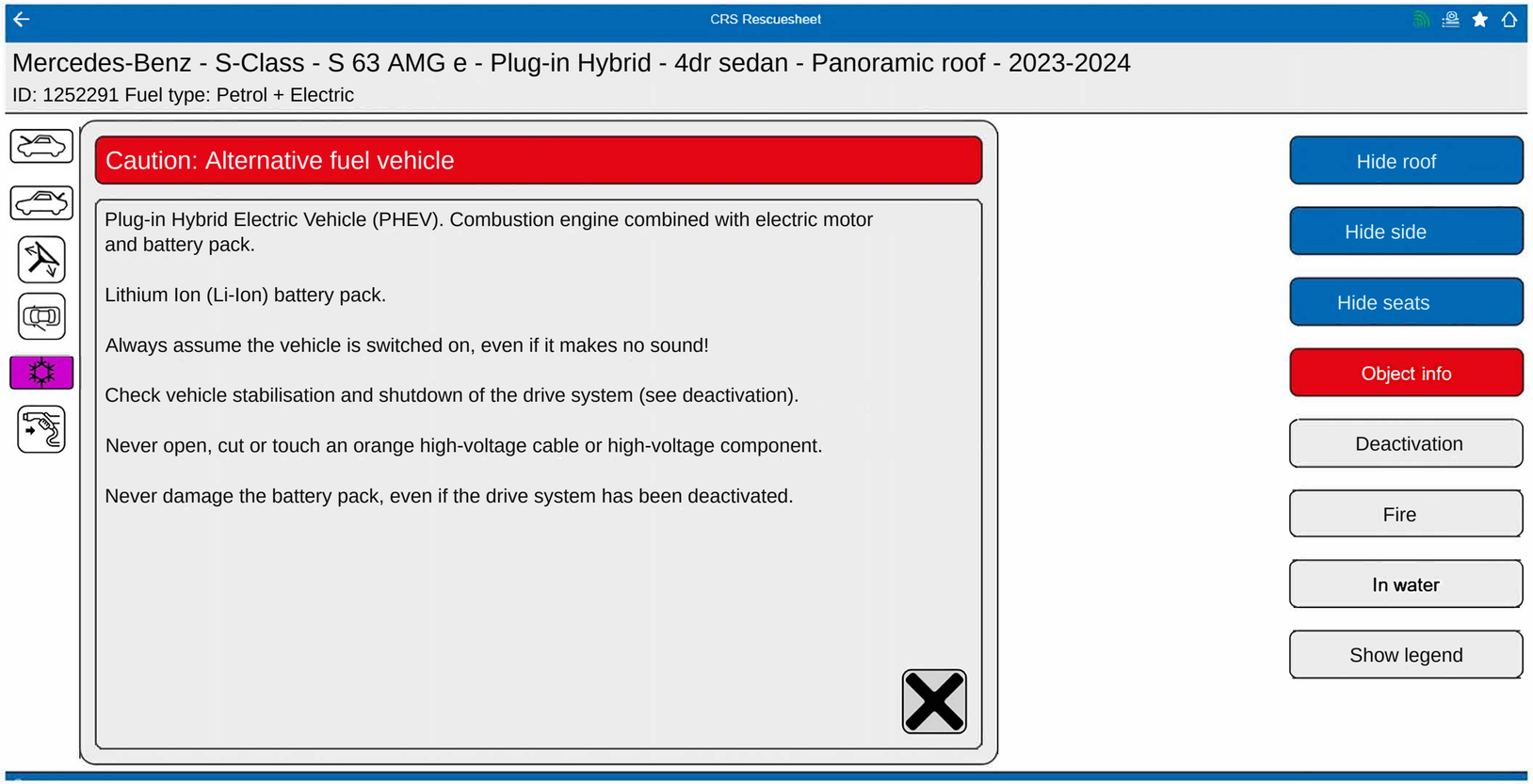
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New logos for the CRS app:

MODITECH
RESCUE SOLUTIONS



Object info for hybrid and electric vehicles:



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4. Roadmap new vehicles

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Mercedes eCitaro Fuel Cell



WEY Coffee 01



New Holland T4 Electric



Fiat Tipolino



MAN TGX



Capron CVE600



BMW i5



Energica Experia



Hyundai HW155H Fuel Cell

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New Chinese brands:

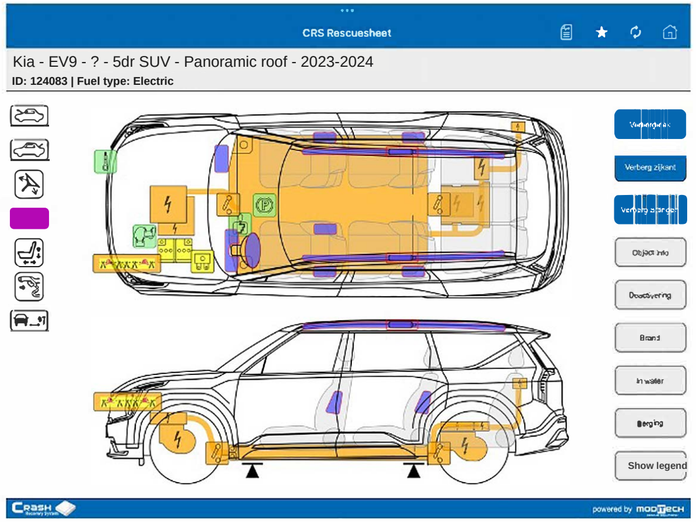
Aiways
BYD
Exlantix
Hongqi
JAC
Jaecoo
Jiangling
Lynk & Co
MG
Nio
Omoda
Ora
Seres
Voyah
Wey
Xpeng
Zeekr

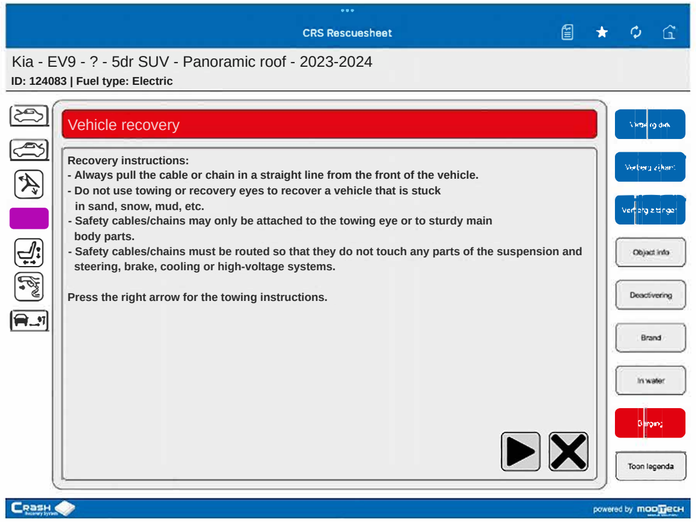


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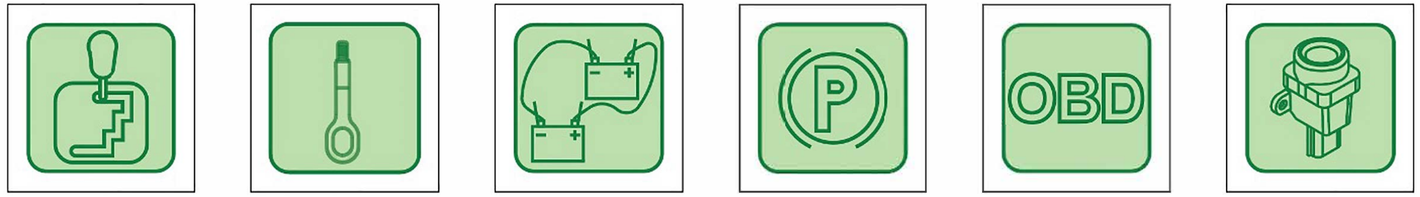
5. Special features and exceptions 1

Crash Recovery System
Road Assist Edition







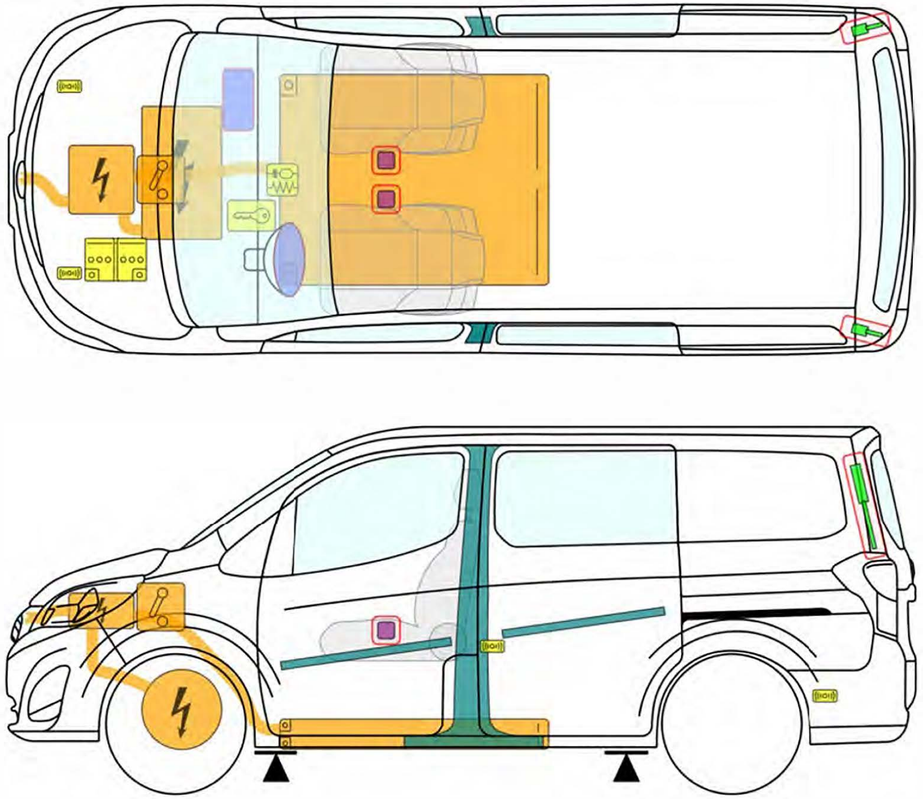


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Cars and vans

Deactivation BYD ETP3

BYD - ETP3 - Electric - van - 2020-2024
ID: 124371 | Fuel type: Electric



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Cars and vans

Deactivation BYD ETP3

BYD - ETP3 - Electric - van - 2020-2024

ID: 124371 | Fuel type: Electric

Service/emergency disconnect plug

This component is part of the deactivation procedure (see deactivation).

Located under the bonnet as indicated.

Use class 0 insulating gloves when using the disconnect switch.

To disconnect:
- Open the bonnet (see link 1).
- Disconnect the indicated plug connection (see fig. 1).

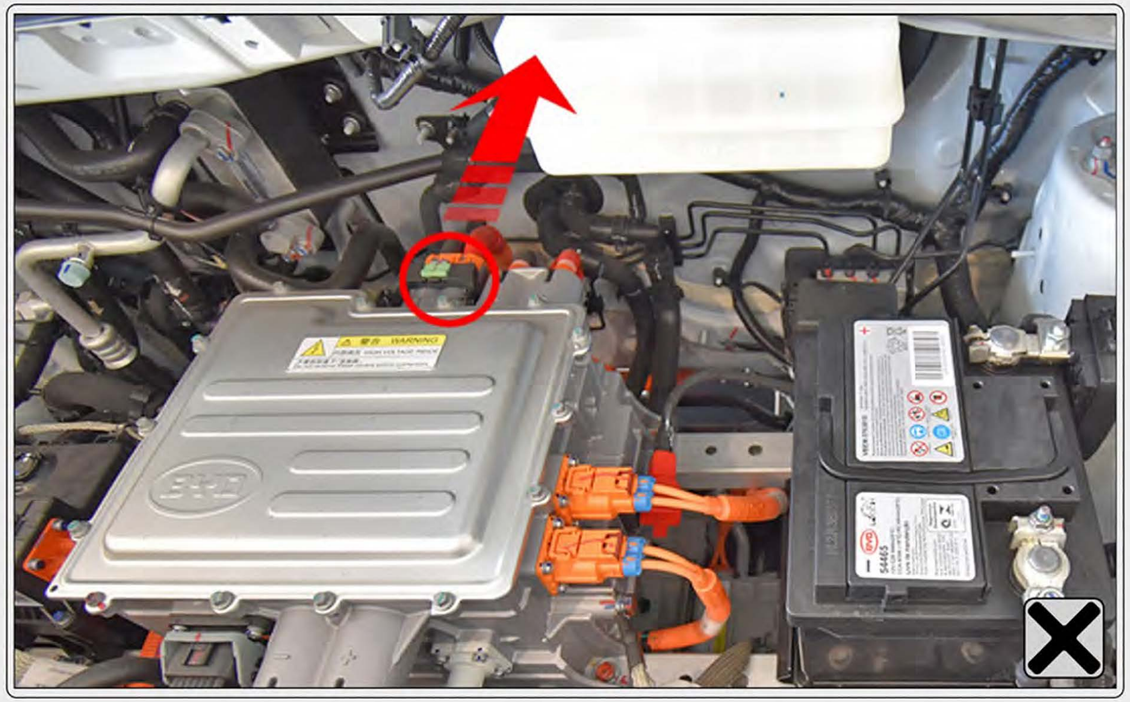
link 1 | fig. 1

Cars and vans

Deactivation BYD ETP3

BYD - ETP3 - Electric - van - 2020-2024
ID: 124371 | Fuel type: Electric

Service/emergency disconnect plug

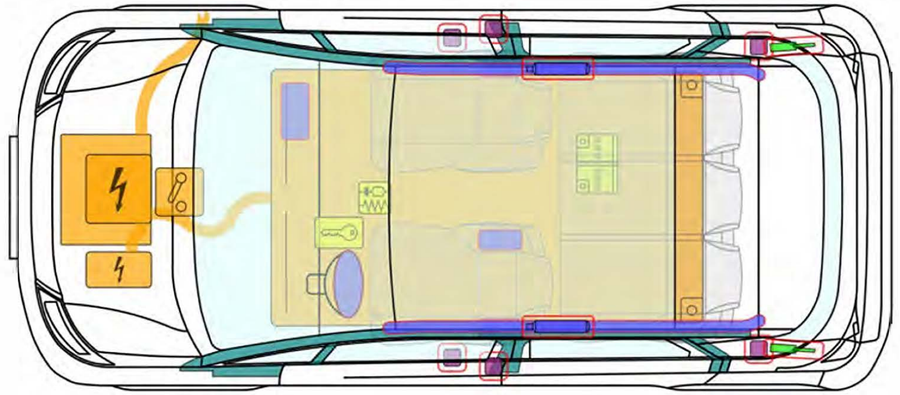


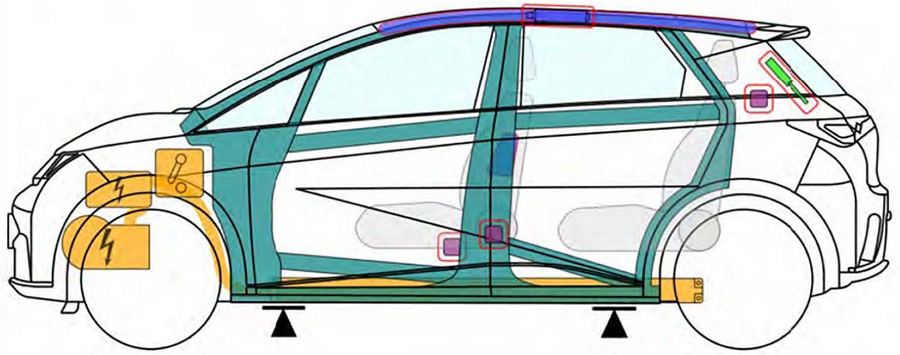
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Cars and vans

12V Battery BYD Dolphin

BYD - Dolphin - Electric - 5dr hatchback - Panoramic roof - 2023-2024
ID: 124611 | Fuel type: Electric



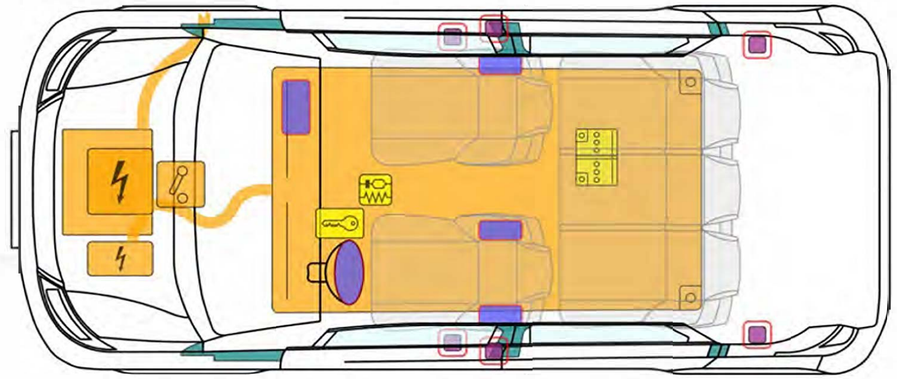


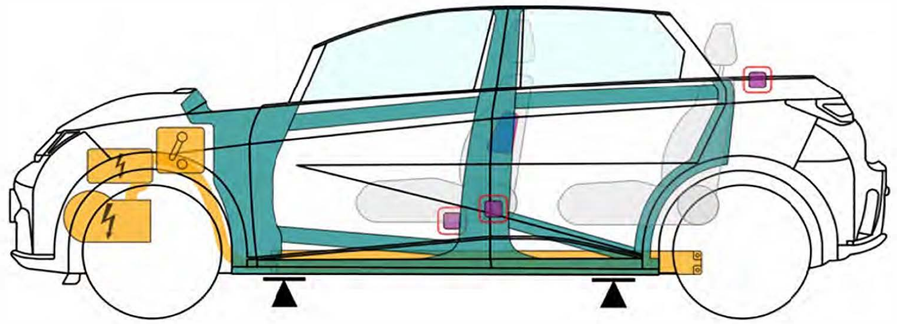
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Cars and vans

12V Battery BYD Dolphin

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ID: 124611 | Fuel type: Electric



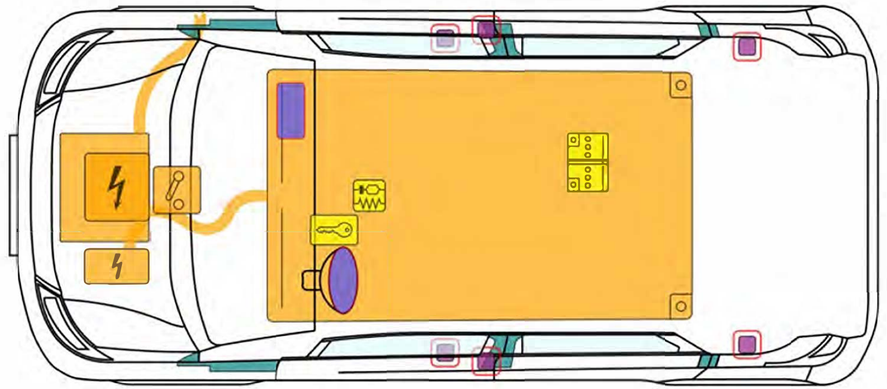


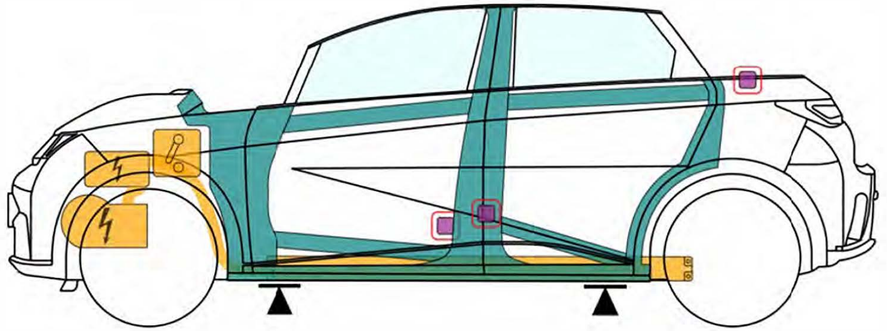
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Cars and vans

12V Battery BYD Dolphin

BYD - Dolphin - Electric - 5dr hatchback - Panoramic roof - 2023-2024
ID: 124611 | Fuel type: Electric





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Cars and vans

12V Battery BYD Dolphin

BYD - Dolphin - Electric - 5dr hatchback - Panoramic roof - 2023-2024

ID: 124611 | Fuel type: Electric

Battery

This component is part of the deactivation procedure (see deactivation).

Main power supply of the 12 Volt circuit.
Lithium Ion (Li-Ion) battery.

Located under the rear seat as indicated.

Caution! The SRS control unit contains a backup power supply with a residual time of approximately 10 sec.

For deactivation:
- Remove the cover (see fig. 1).
- Disconnect the battery cables of the 12 Volt battery (see fig. 2).

Consider first opening electrically operated windows, unlocking doors and/or operating interior components before interrupting the battery voltage.

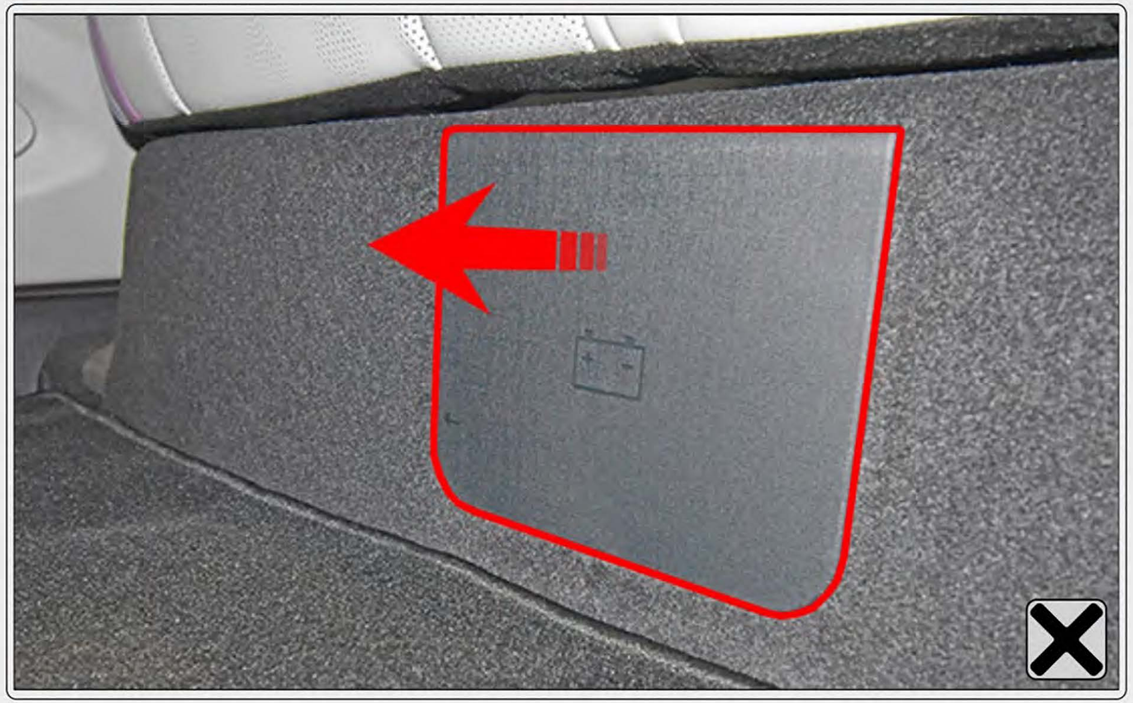
fig. 1 fig. 2

Cars and vans

12V Battery BYD Dolphin

BYD - Dolphin - Electric - 5dr hatchback - Panoramic roof - 2023-2024
ID: 124611 | Fuel type: Electric

Battery



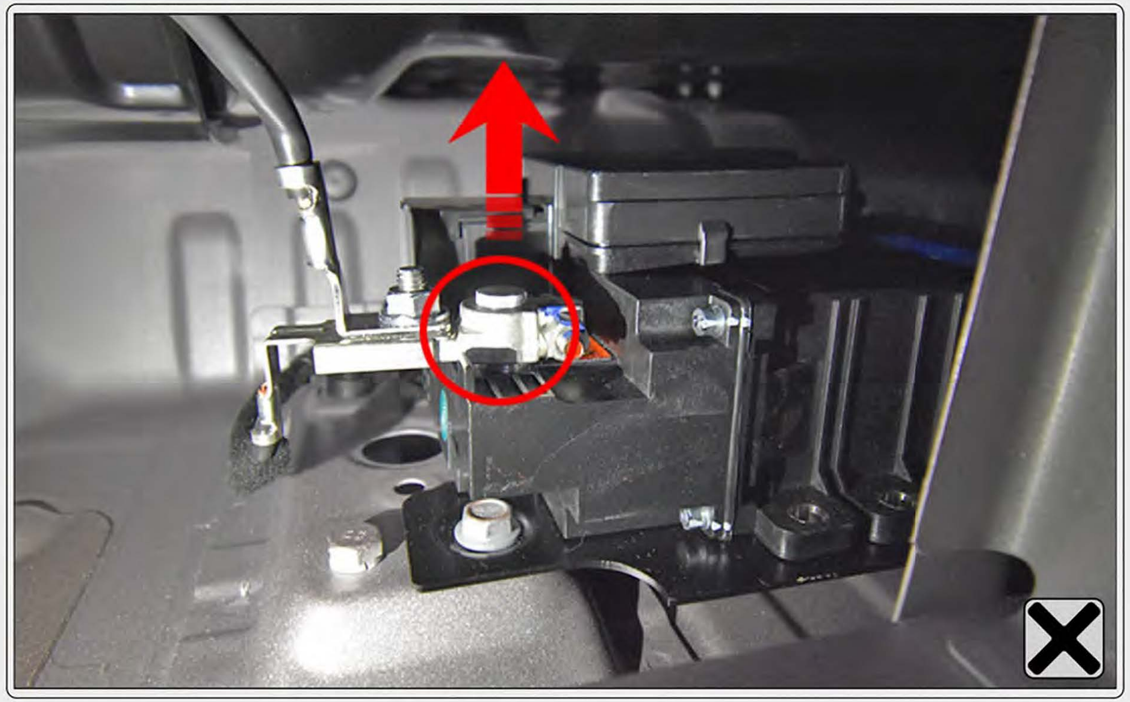
BLIKSUND CRS

Cars and vans

12V Battery BYD Dolphin

BYD - Dolphin - Electric - 5dr hatchback - Panoramic roof - 2023-2024
ID: 124611 | Fuel type: Electric

Accu

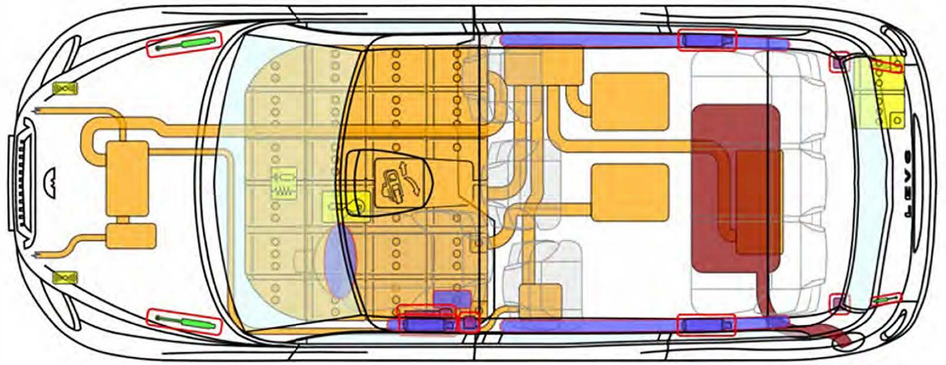


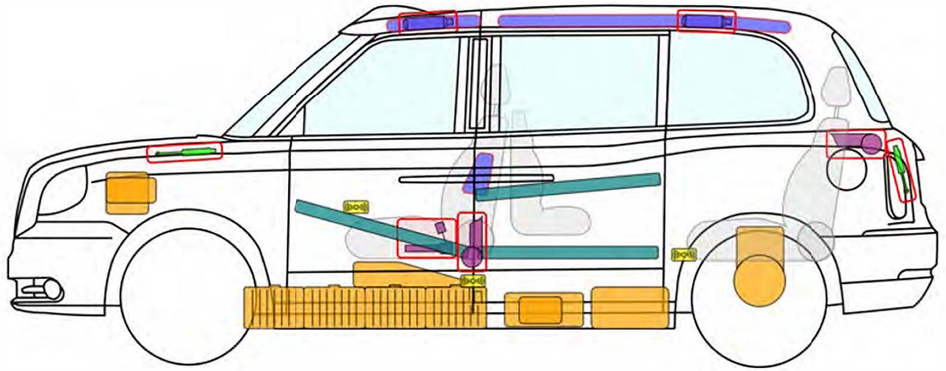
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Cars and vans

12V Battery LEVC TX

LEVC - TX eCity - 1.5 - Plug-in hybrid - 4dr MPV - 2017-2024
ID: 91281 | Fuel type: Petrol + Electric





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Cars and vans

12V Battery LEVC TX

LEVC - TX eCity - 1.5 - Plug-in hybrid - 4dr MPV - 2017-2024

ID: 91281 | Fuel type: Petrol + Electric

Battery

Main power supply of the 12 Volt circuit.

Located in the luggage compartment as indicated (see fig. 1 and 2).

Caution! The SRS control unit contains a backup power supply with a residual time of approximately 30 sec.

Consider first opening electrically operated windows, unlocking doors and/or operating interior components before interrupting the battery voltage.

For deactivation: see deactivation.

fig. 1 fig. 2

Cars and vans

12V Battery LEVC TX

LEVC - TX eCity - 1.5 - Plug-in hybrid - 4dr MPV - 2017-2024

ID: 91281 | Fuel type: Petrol + Electric



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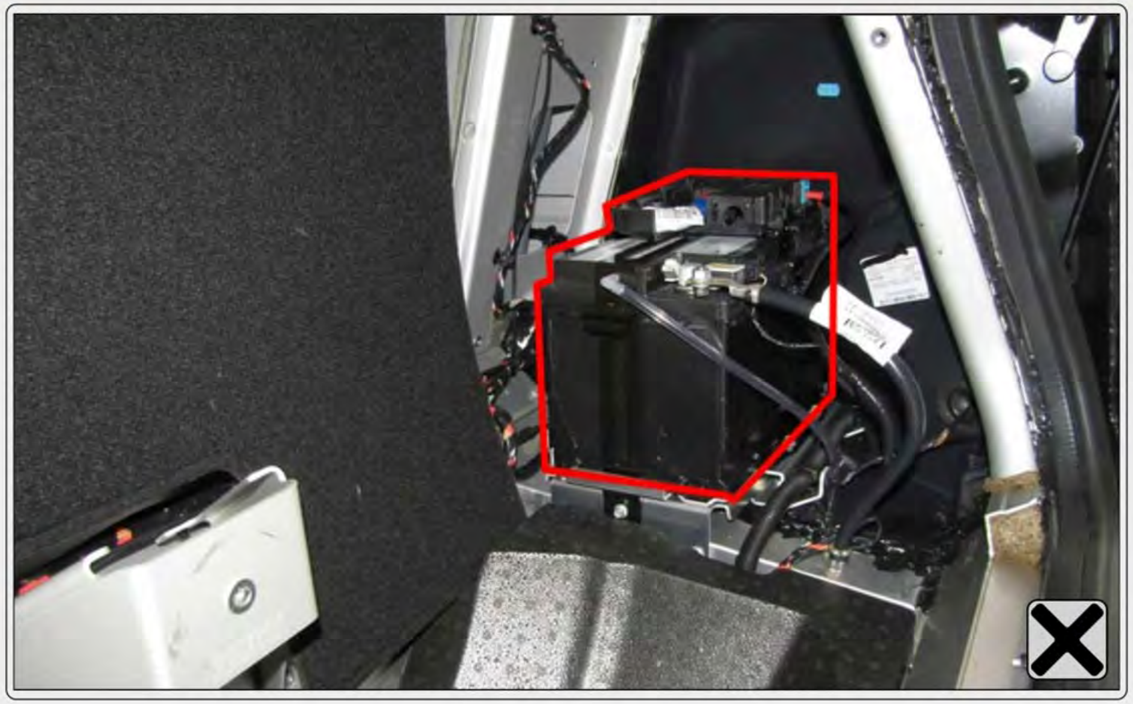
Cars and vans

12V Battery LEVC TX

LEVC - TX eCity - 1.5 - Plug-in hybrid - 4dr MPV - 2017-2024

ID: 91281 | Fuel type: Petrol + Electric

Accu



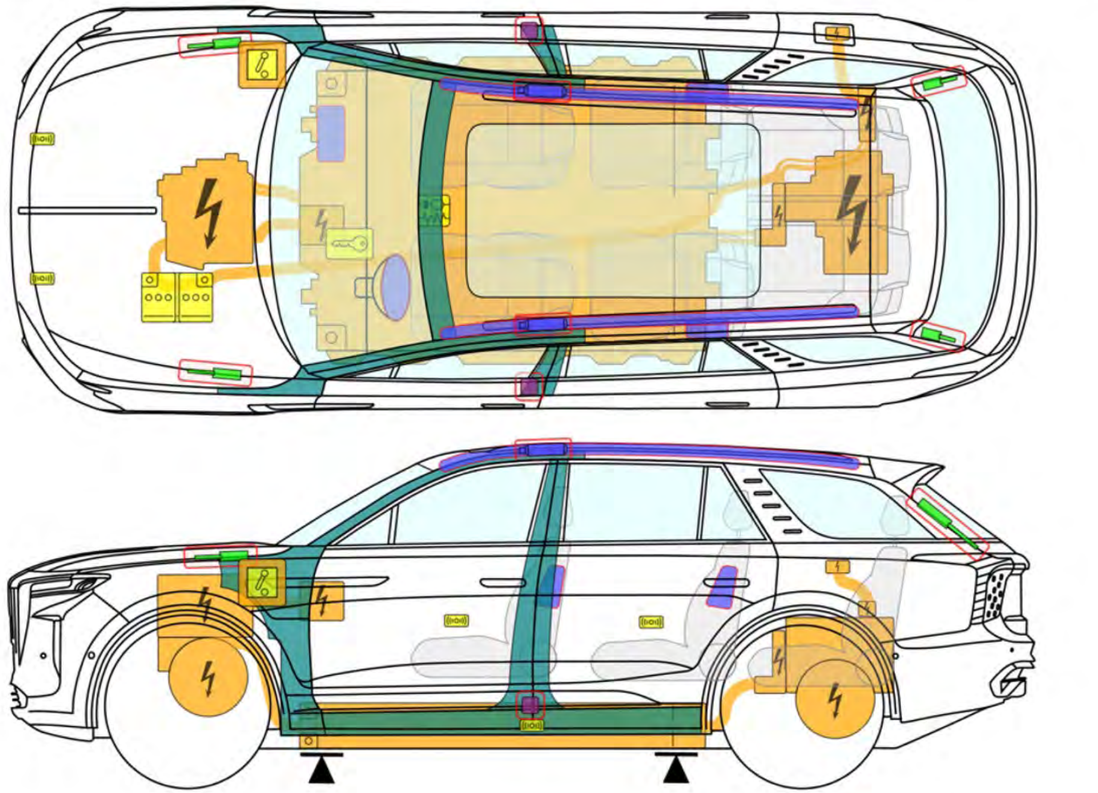
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Cars and vans

Emergency deactivation plug

Hongqi - E-HS9 - Electric - 5dr SUV - 2022-2024

ID: 118666 | Fuel type: Electric



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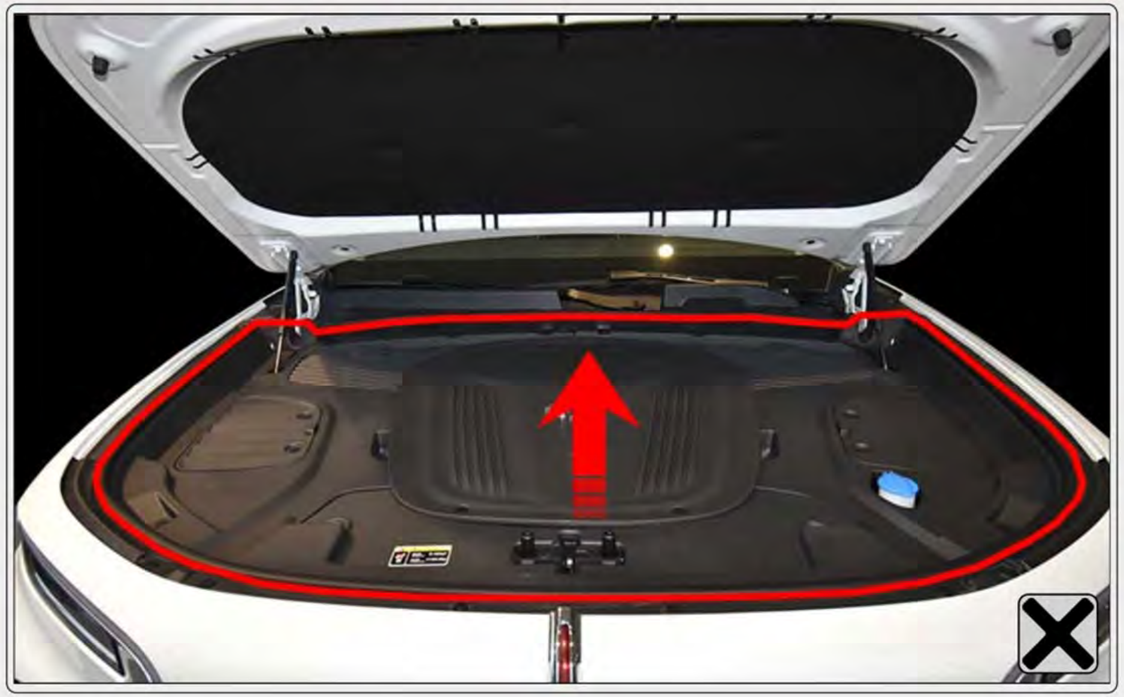
Cars and vans

Emergency deactivation plug

Hongqi - E-HS9 - Electric - 5dr SUV - 2022-2024

ID: 118666 | Fuel type: Electric

Service/emergency disconnect plug



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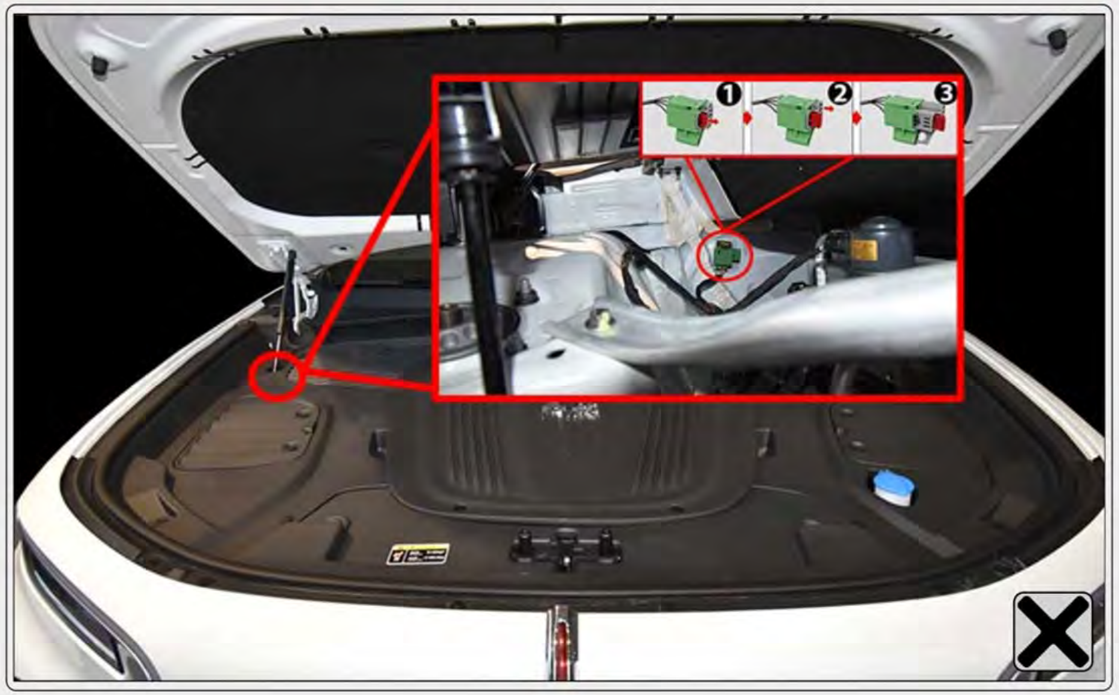
Cars and vans

Emergency deactivation plug

Hongqi - E-HS9 - Electric - 5dr SUV - 2022-2024

ID: 118666 | Fuel type: Electric

Service/emergency disconnect plug



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Statements

Statement 1:

Thanks to all their safety features, modern cars are becoming safer for first responders to work on.

Left: Agree

Right: Disagree

Statements

Statement 2:

Hydrogen is heavier than air.

Left: Agree

Right: Disagree

Statements

Statement 3:

AdBlue is highly flammable.

Left: Agree

Right: Disagree

Statements

Statement 4:

LPG and LNG have the same properties.

Left: Agree

Right: Disagree

Statements

Statement 5:

CNG and LNG are both odourless.

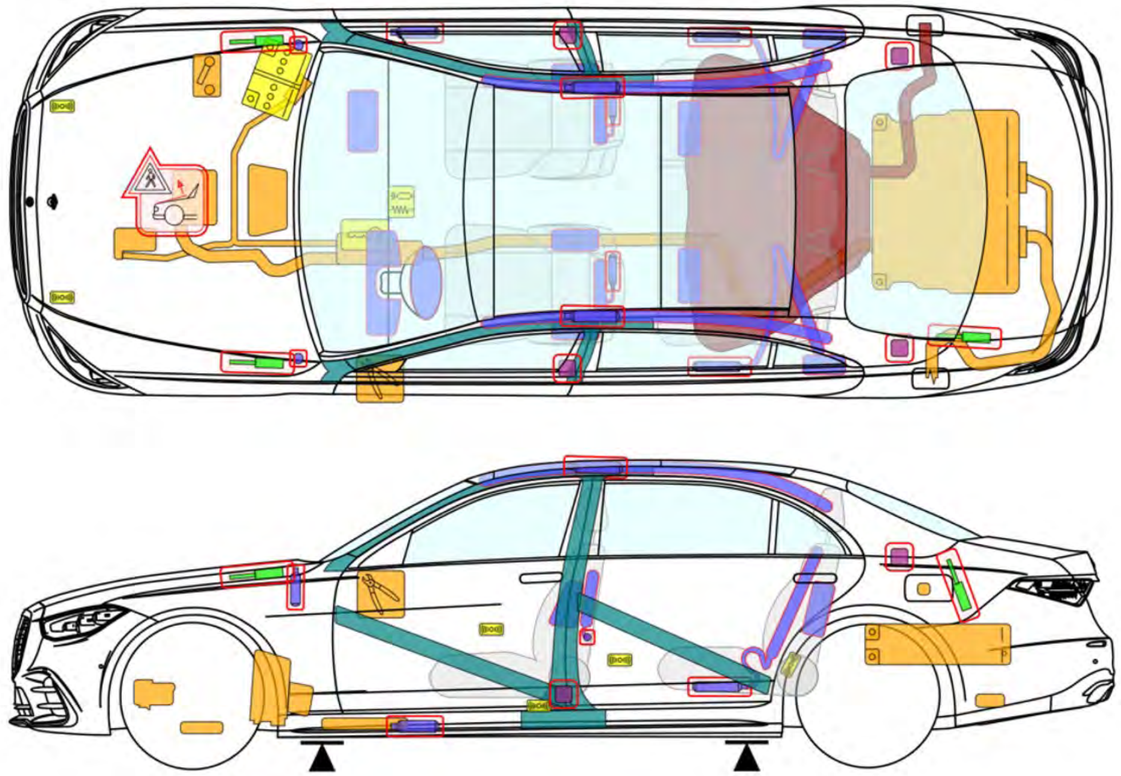
Left: Agree

Right: Disagree

Cars and vans

Airbags Mercedes S-Class

Mercedes-Benz - S-Class - S 63 AMG e - Plug-in Hybrid - 4dr sedan - Panoramic roof - 2023-2024
ID: 125229 | Fuel type: Petrol + Electric



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Cars and vans

Airbags Mercedes S-Class



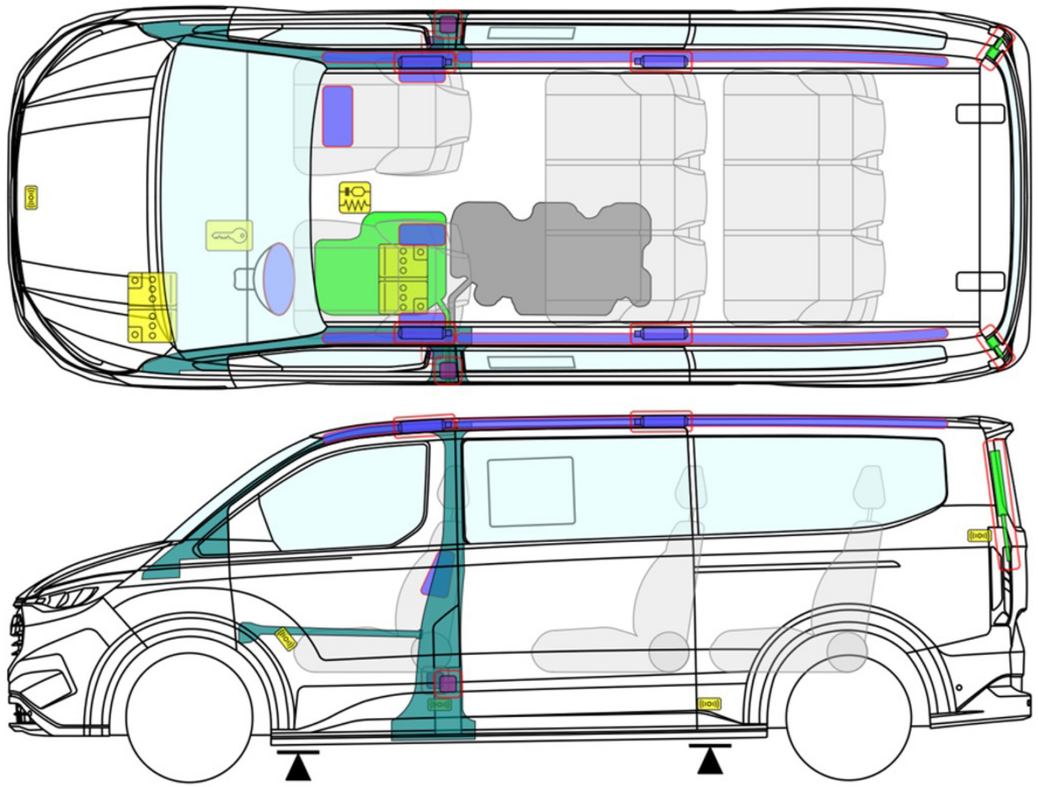
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Cars and vans

Airbags Ford Tourneo

Ford - Tourneo Custom Kombi - 2.0 EcoBlue - passenger van - 2023-2024

ID: 127199 | Fuel type: Diesel



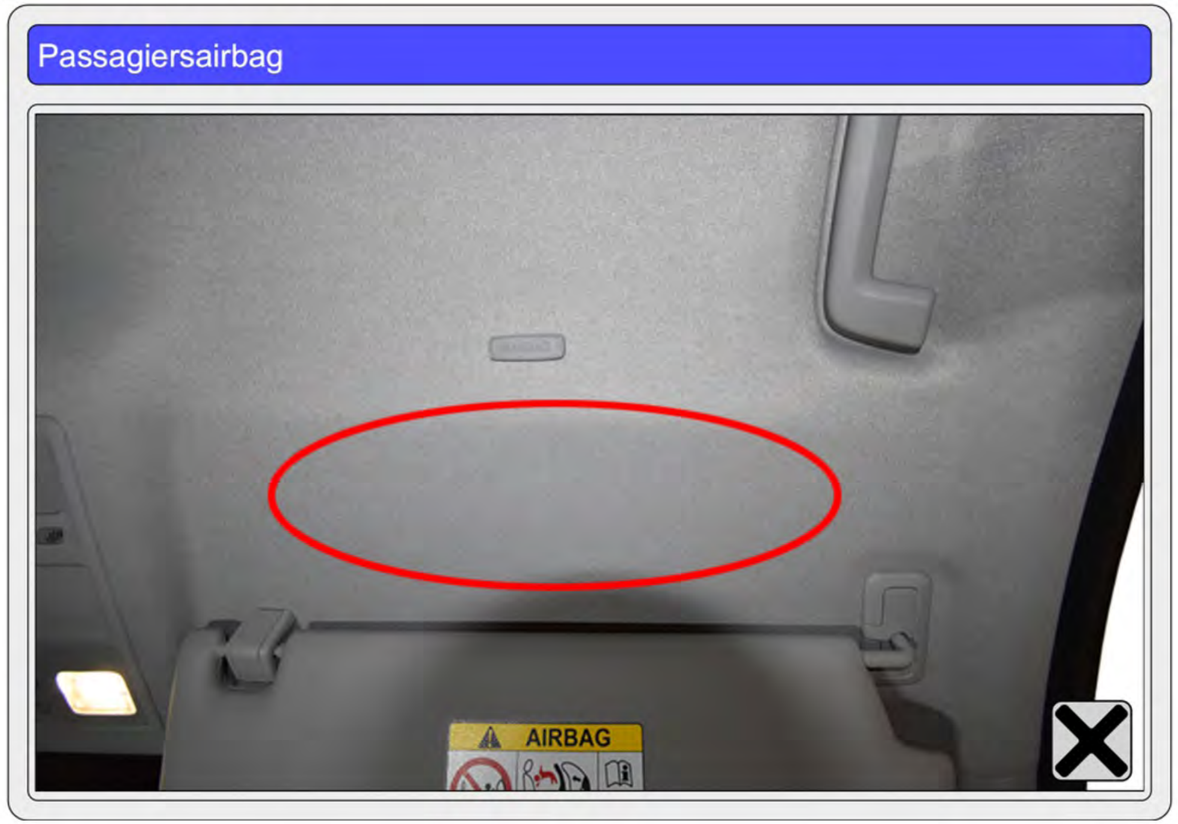
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Cars and vans

Airbags Ford Tourneo

Ford - Tourneo Custom Kombi - 2.0 EcoBlue - passenger van - 2023-2024

ID: 127199 | Fuel type: Diesel



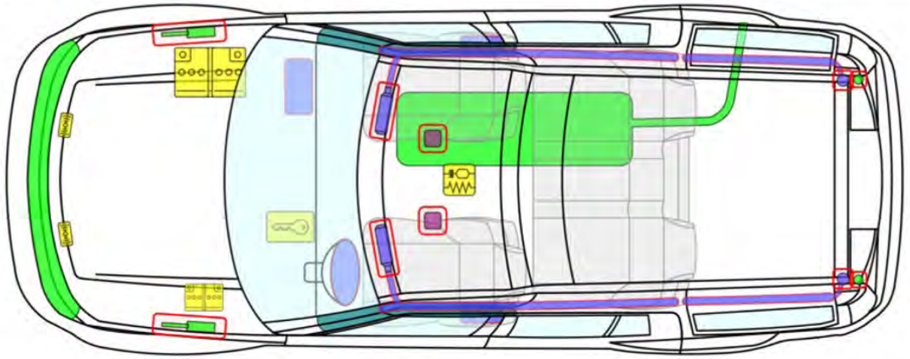
BLIKSUND CRS

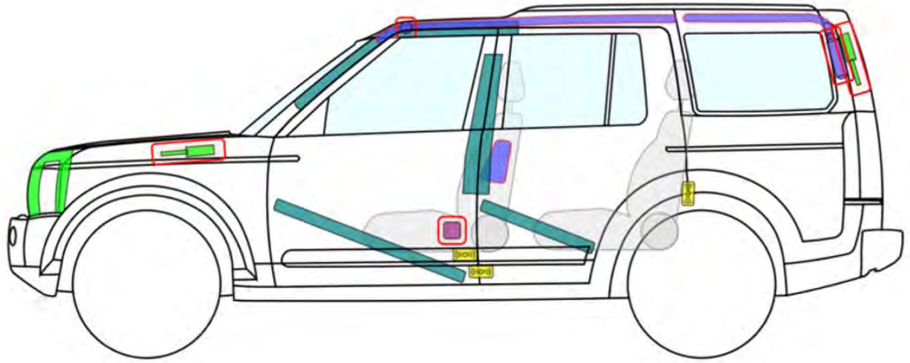
Cars and vans

Airbags Land Rover Discovery

Land Rover - Discovery - ? - Conventional drive - 5dr off-road vehicle - 2009-2016

ID: 80541 | Fuel type: Diesel+Petrol





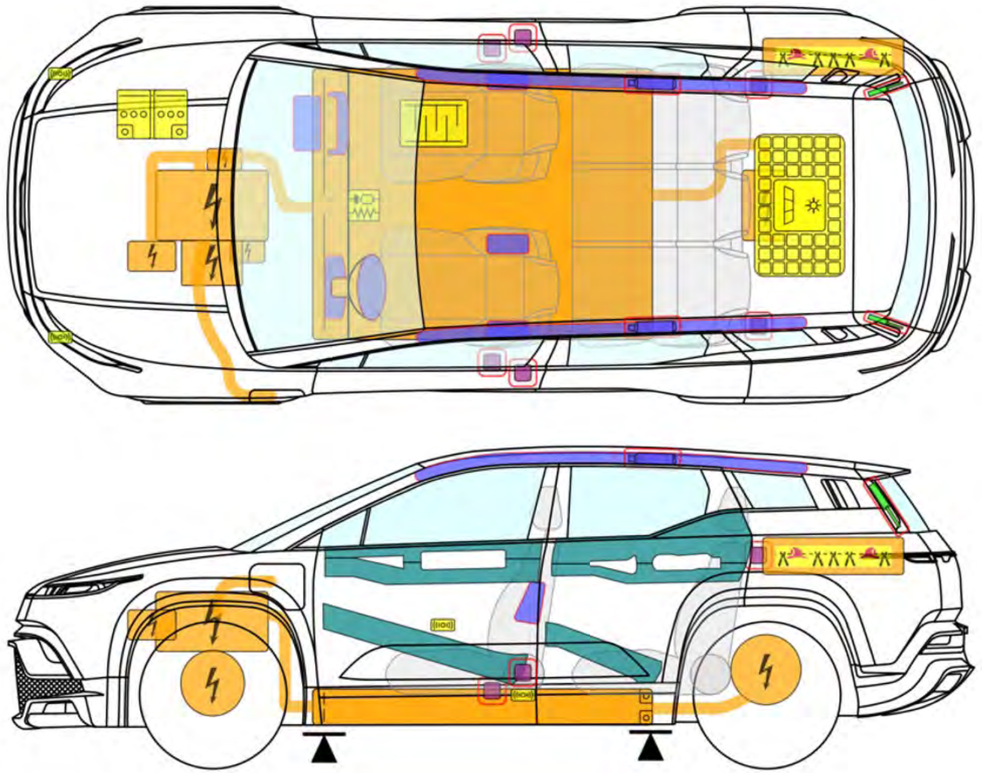
BLIKSUND CRS

Cars and vans

Bonnet Fisker Ocean

Fisker - Ocean - ? - 5dr SUV - Solar panel roof - 2023-2024

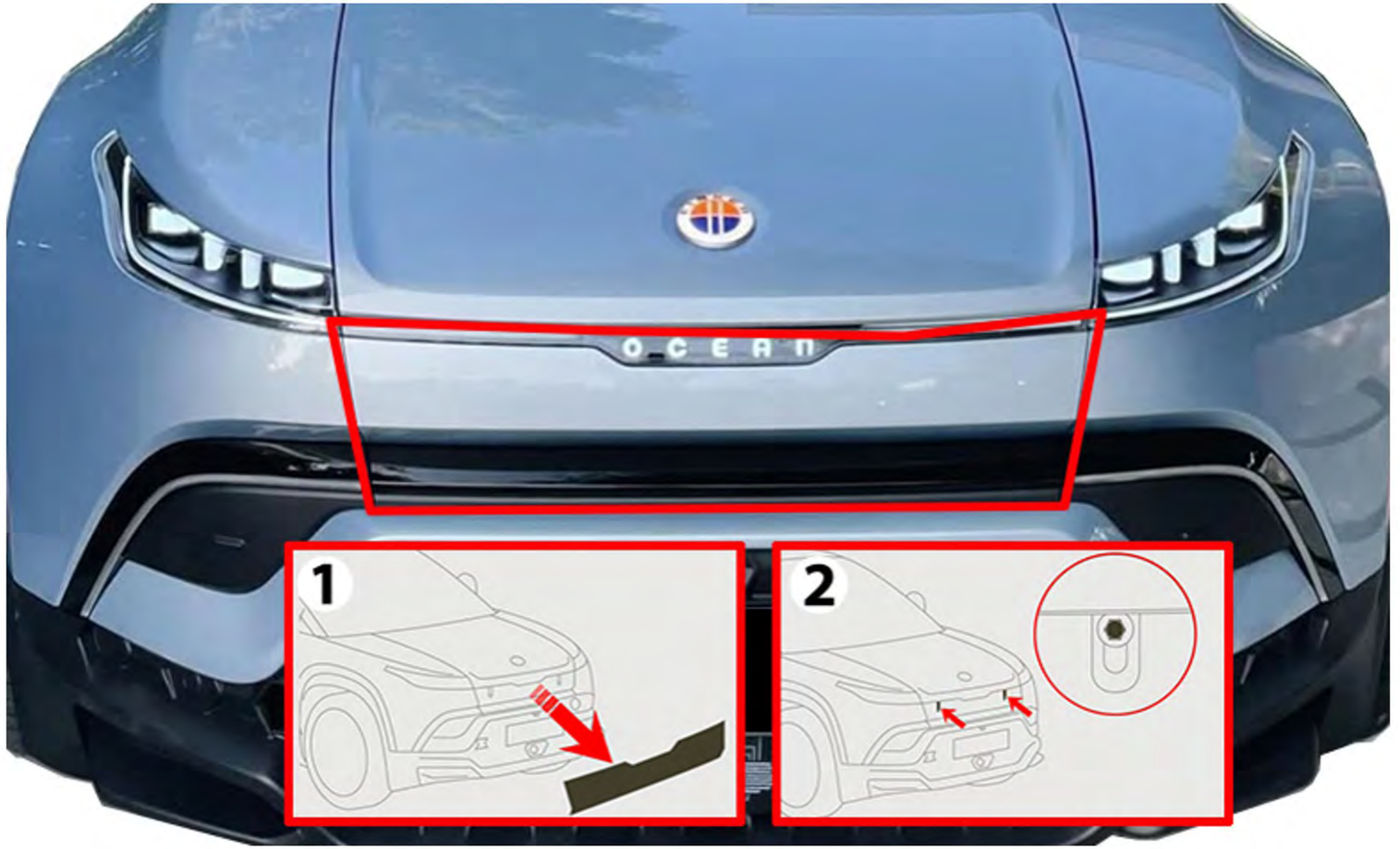
ID: 124225 | Fuel type: Electric



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Cars and vans

Bonnet Fisker Ocean



BLIKSUND CRS

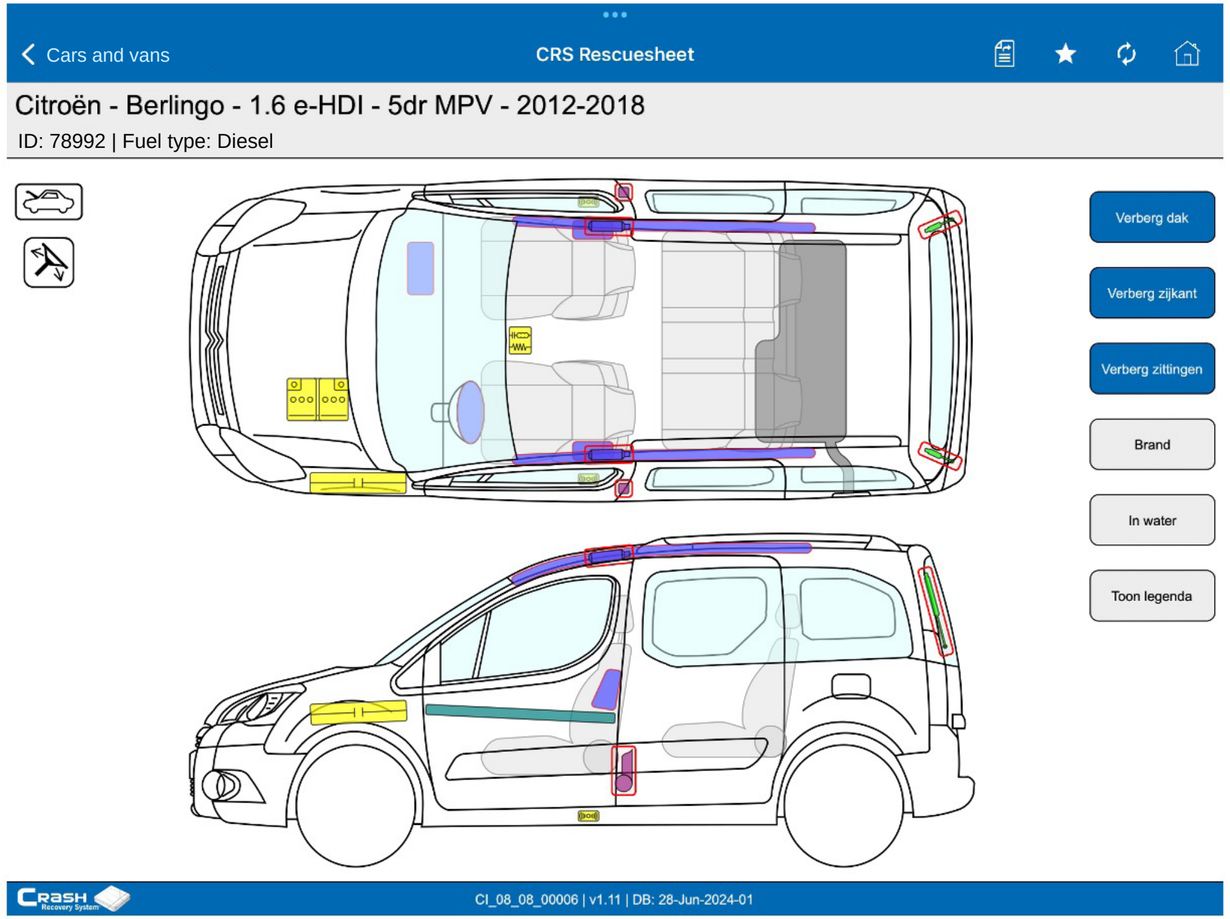
Cars and vans

V2L on Hyundai IONIQ 5 and 6



Cars and vans

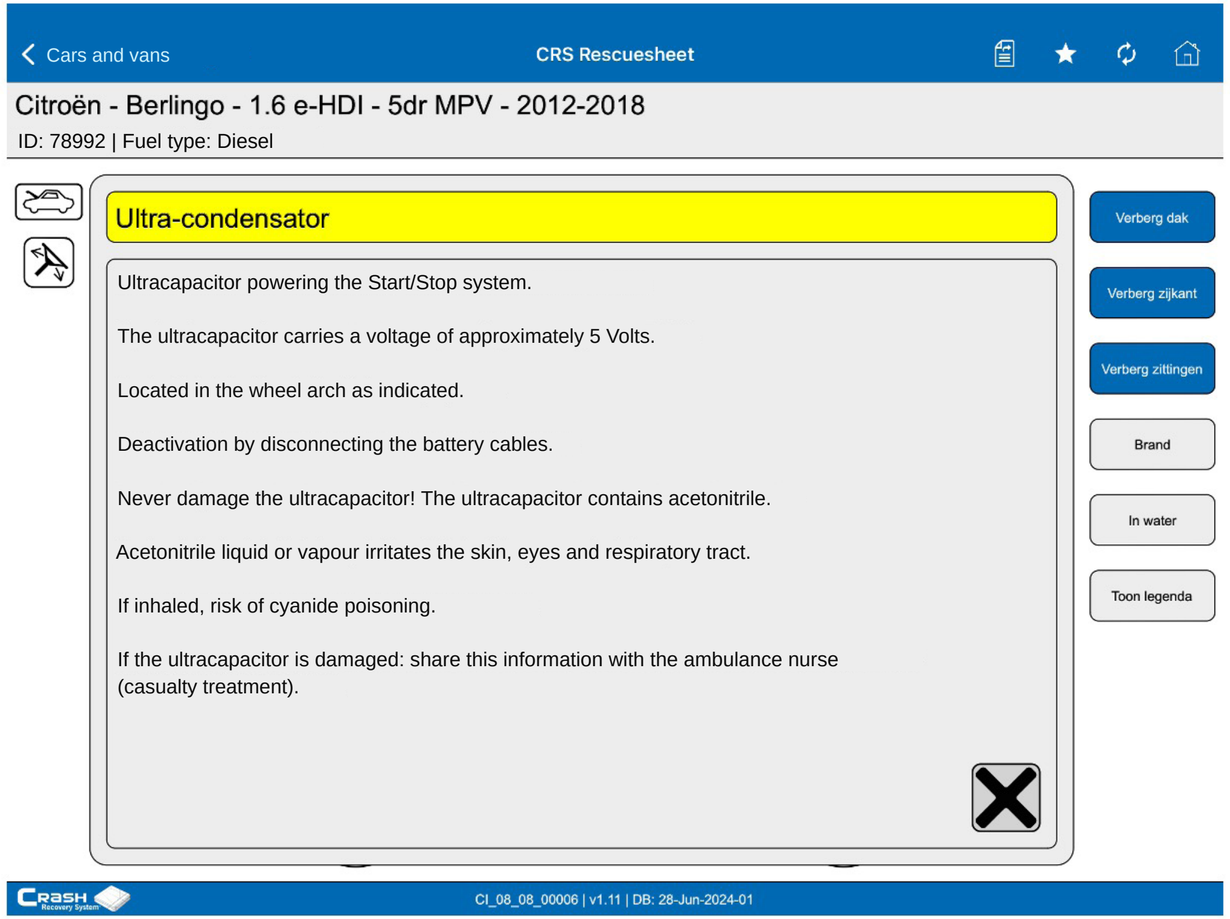
Citroen Berlingo 1.6 eHDI



BLIKSUND CRS

Cars and vans

Citroen Berlingo 1.6 eHDI



BLIKSUND CRS

Cars and vans

No airbags?



Cars and vans

No airbags?



BLIKSUND CRS

Cars and vans

No airbags?



BLIKSUND CRS

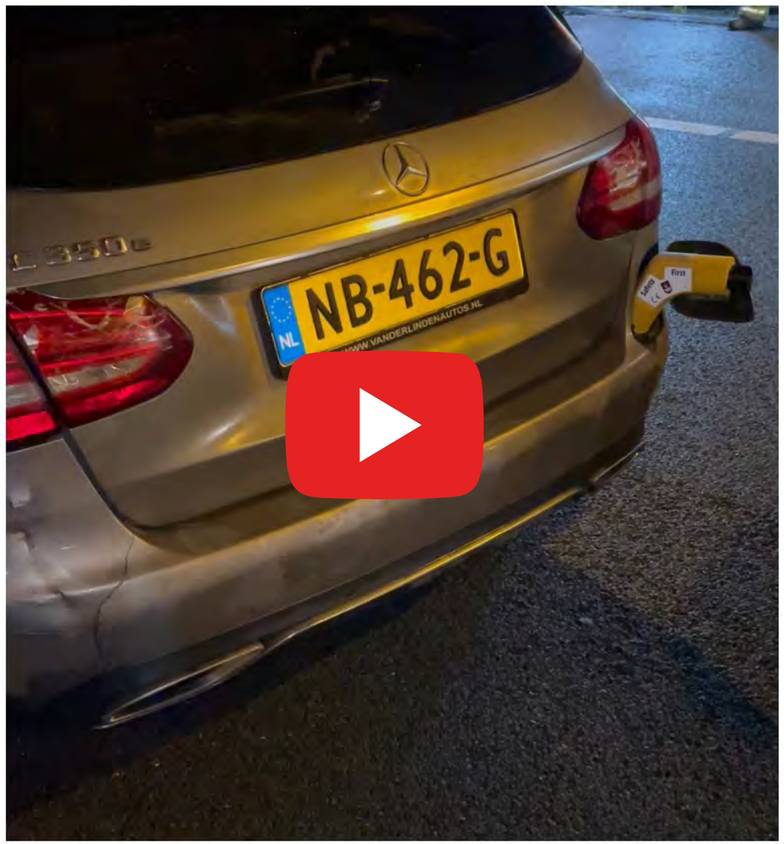
6. Practice assignments: Real-life cases

BLIKSUND CRS

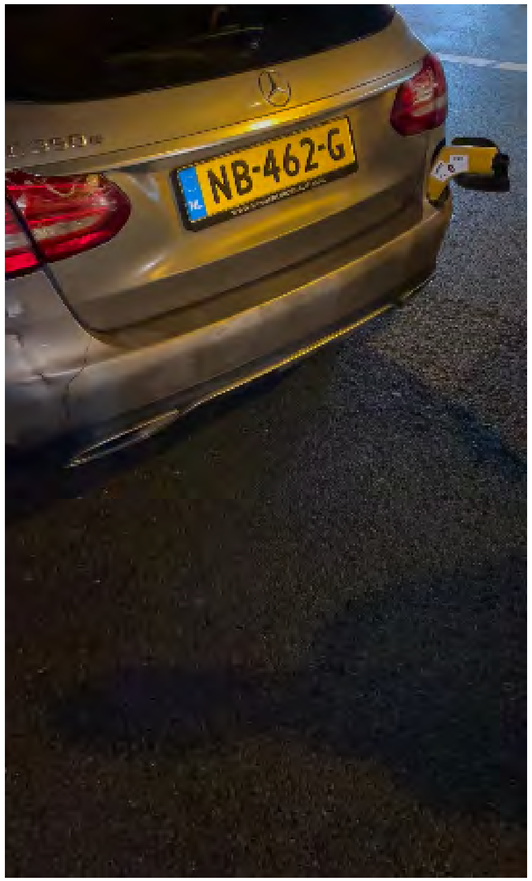
AB-1-23

Selection by licence plate

Pedestrian protection system



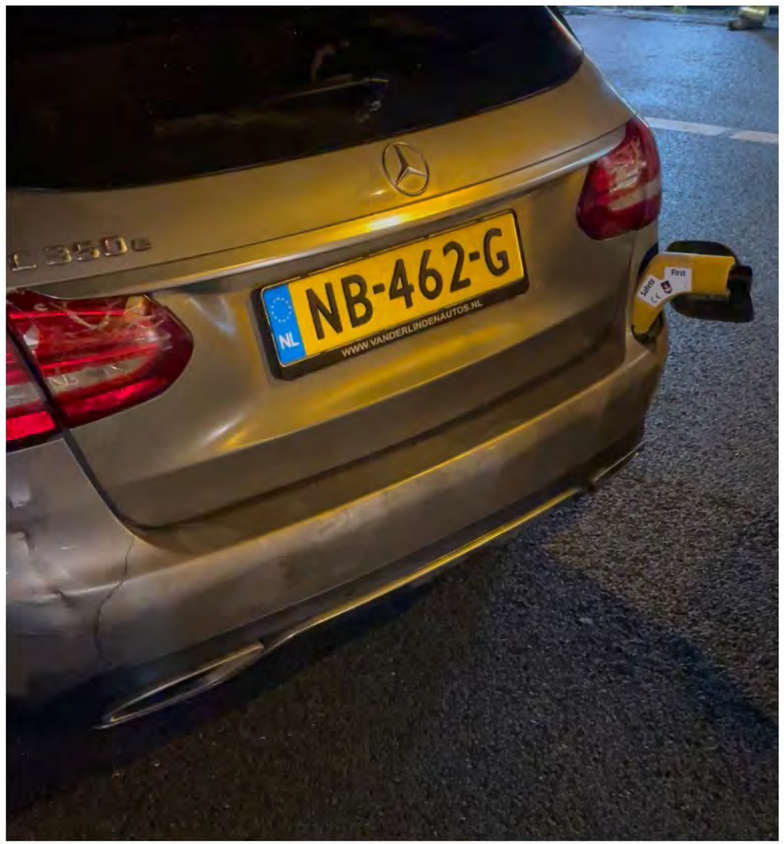
BLIKSUND CRS


NB-462-G

AB-1-23

Selection by licence plate

Pedestrian protection system



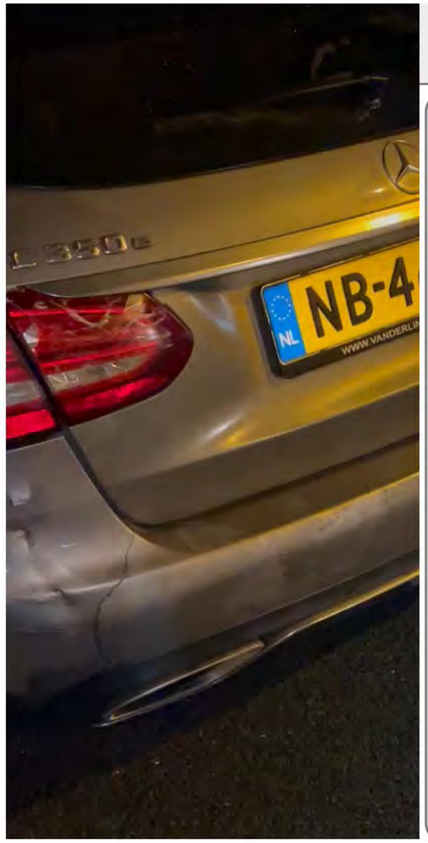


BLIKSUND CRS

AB-1-23

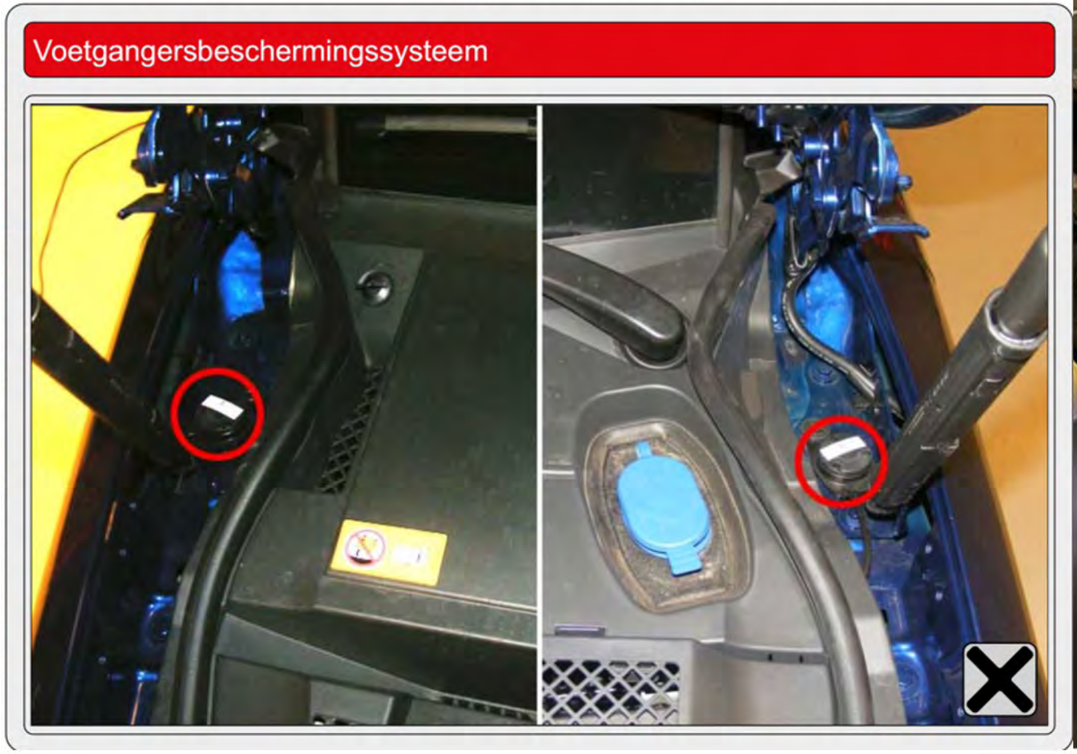
Selection by licence plate

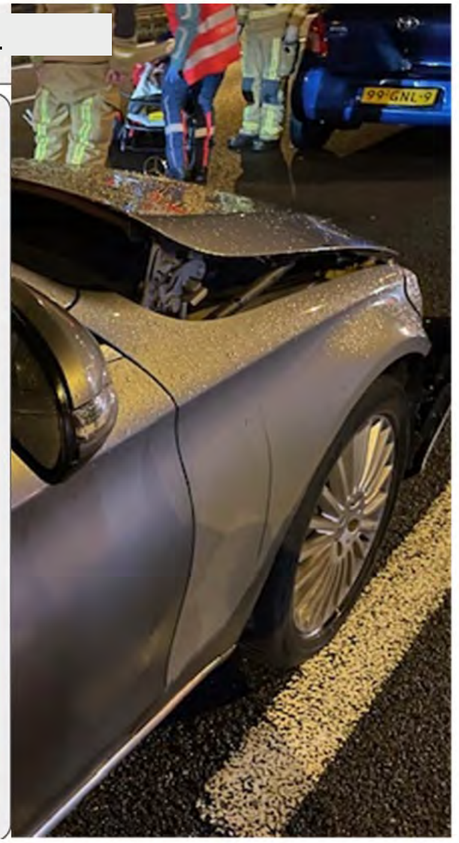
Pedestrian protection system



Mercedes-Benz - C-Class - C 350 e - Plug-in Hybrid - 5dr estate - 2015-2018 _

ID: 85097 | Licence plate: NB462G | Weight: 1840 kg | Fuel type: Petrol + Electricity





BLIKSUND CRS

AB-1-23

Selection by licence plate

Pedestrian protection system



BLIKSUND CRS

AB-1-23

Selection by licence plate

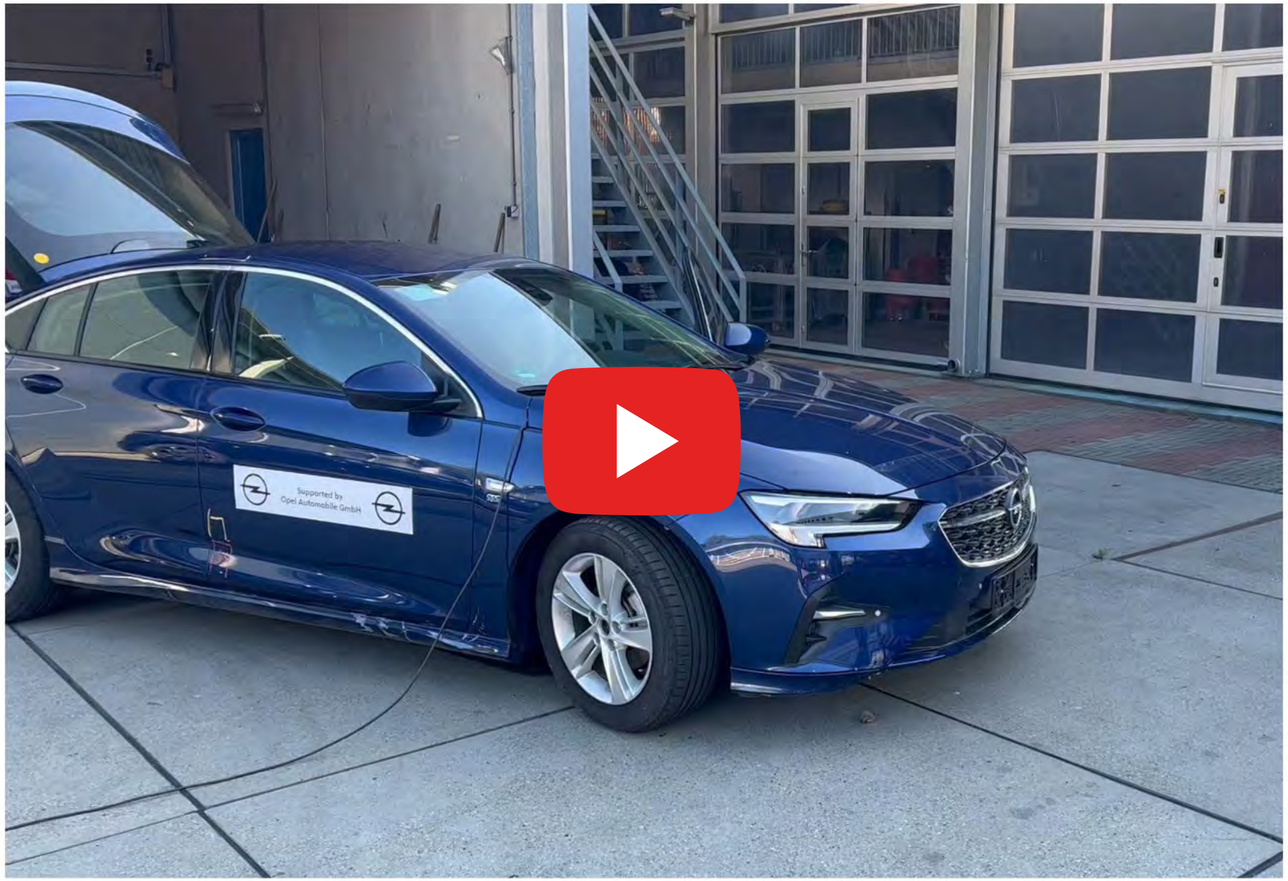
Pedestrian protection system



BLIKSUND CRS

Cars and vans

Pedestrian protection system





BLIKSUND CRS

Cars and vans

Pedestrian protection system





BLIKSUND CRS

Cars and vans

Pedestrian protection system



Opel - Insignia - ? - Conventional drive - 5dr hatchback - 2017-2023

ID: 89695 | Fuel type: Petrol+Diesel

Voetgangersbeschermingssysteem

In a collision with a pedestrian, the bonnet will rise by approximately 130 mm.

The bonnet is raised by two pyrotechnic pressure springs (see fig. 1).

This system is only active when the vehicle speed is between 20 km/h and 45 km/h.

For deactivation: see battery component.

afb. 1



Cars and vans

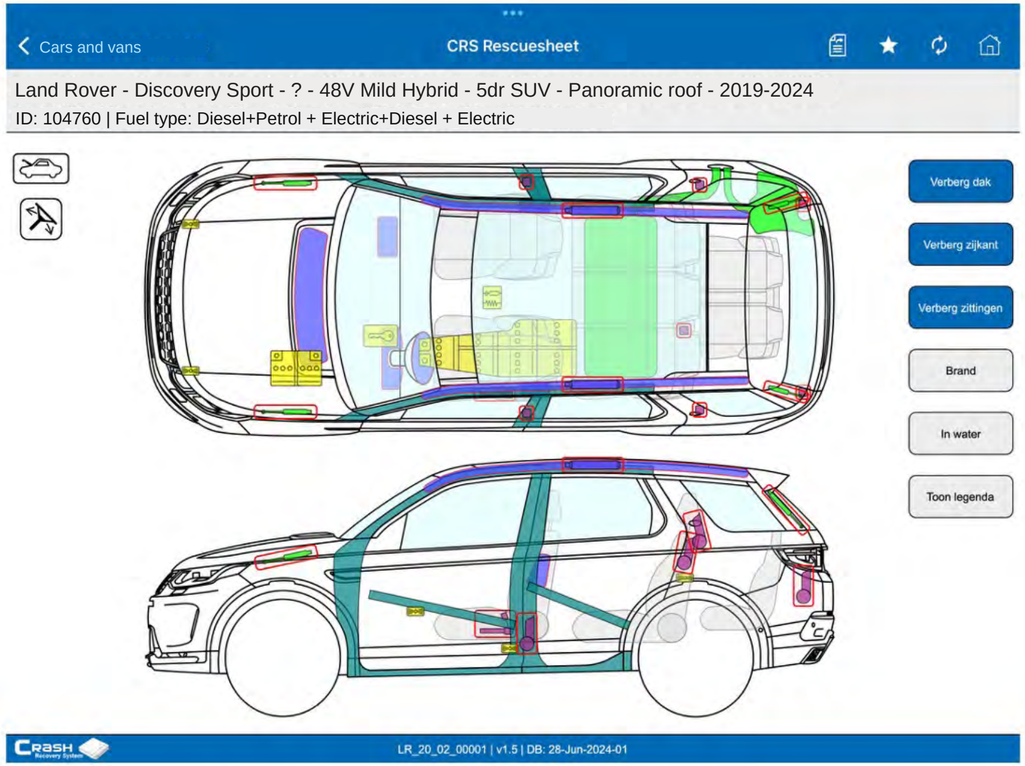
Pedestrian protection system



BLIKSUND CRS

Search

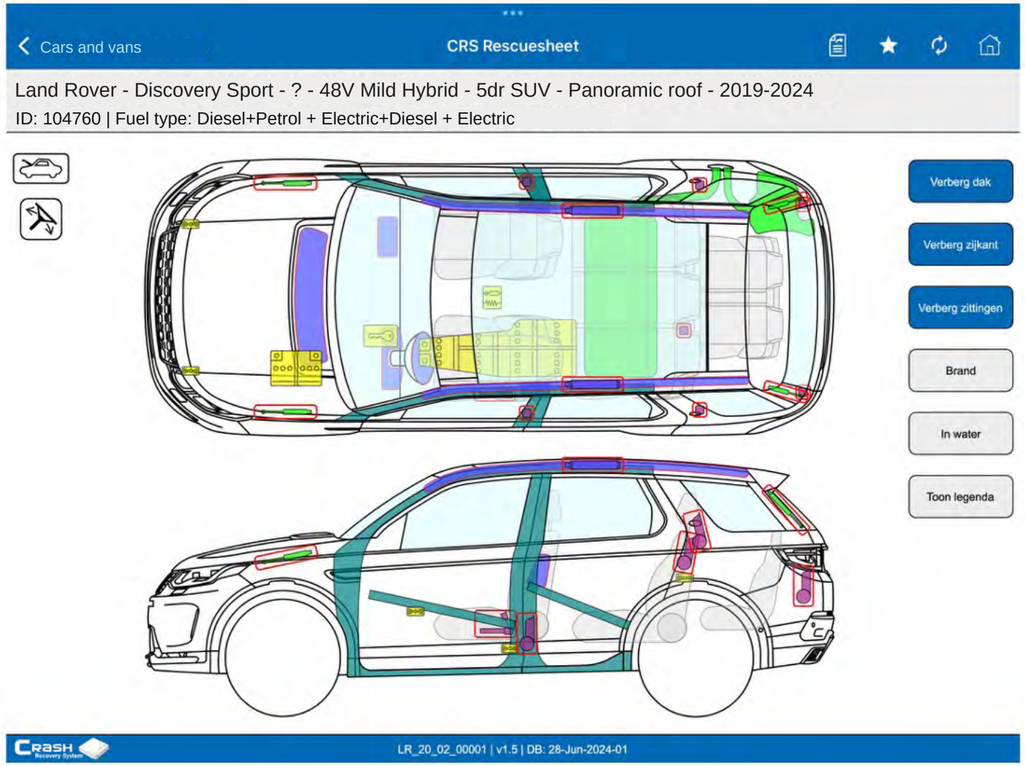
Pedestrian protection system



BLIKSUND CRS

Search

Pedestrian protection system





BLIKSUND CRS

AB-1-23

Selection by licence plate

Car in the water



Mercedes Benz A-Class – A250 e Plug in Hybid

5dr hatchback 2019-2024

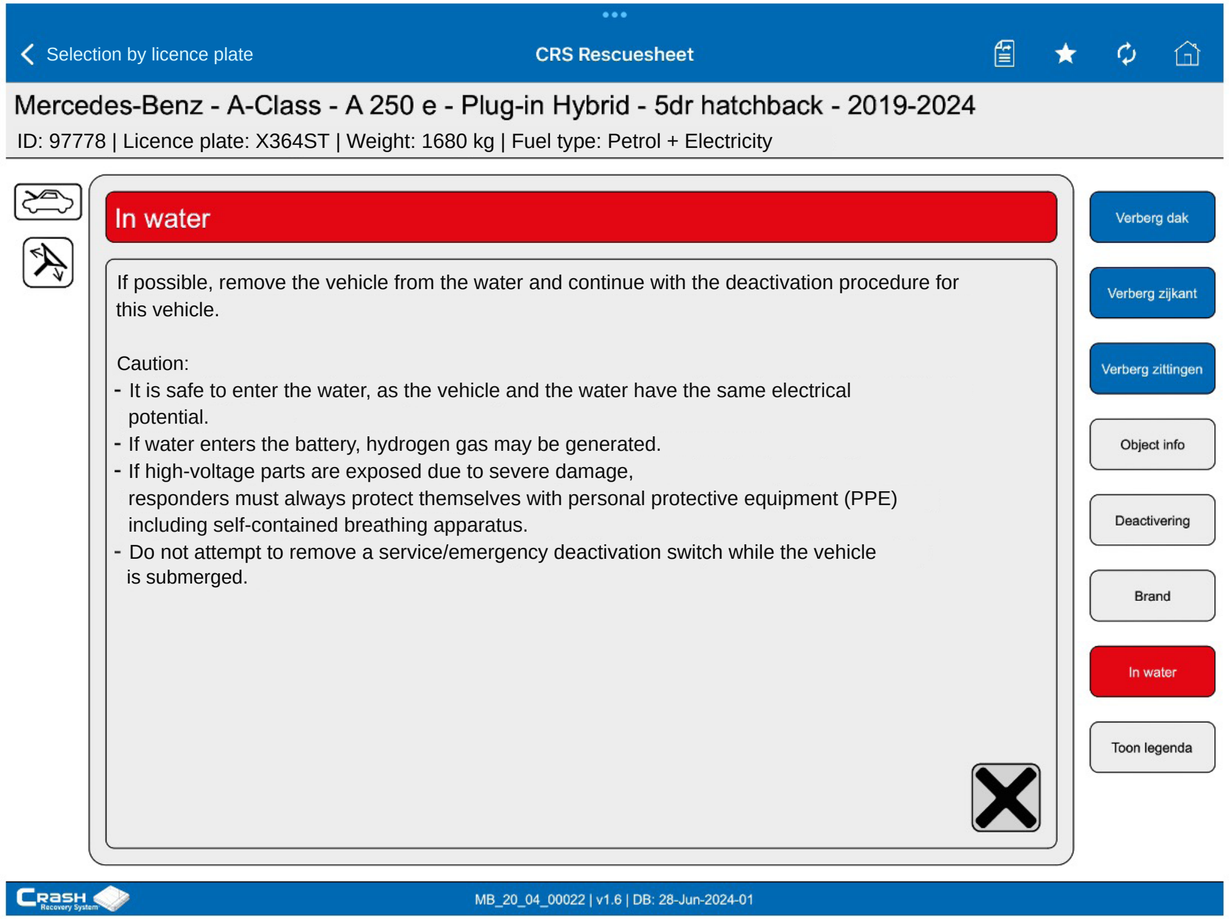
In water

BLIKSUND CRS

AB-1-23

Selection by licence plate

Car in the water



Mercedes Benz A-Class – A250 e Plug in Hybid

5dr hatchback 2019-2024

In water

BLIKSUND CRS

Cars and vans

T-bone collision



BLIKSUND CRS

Buses

Collision between a regional bus and a passenger car



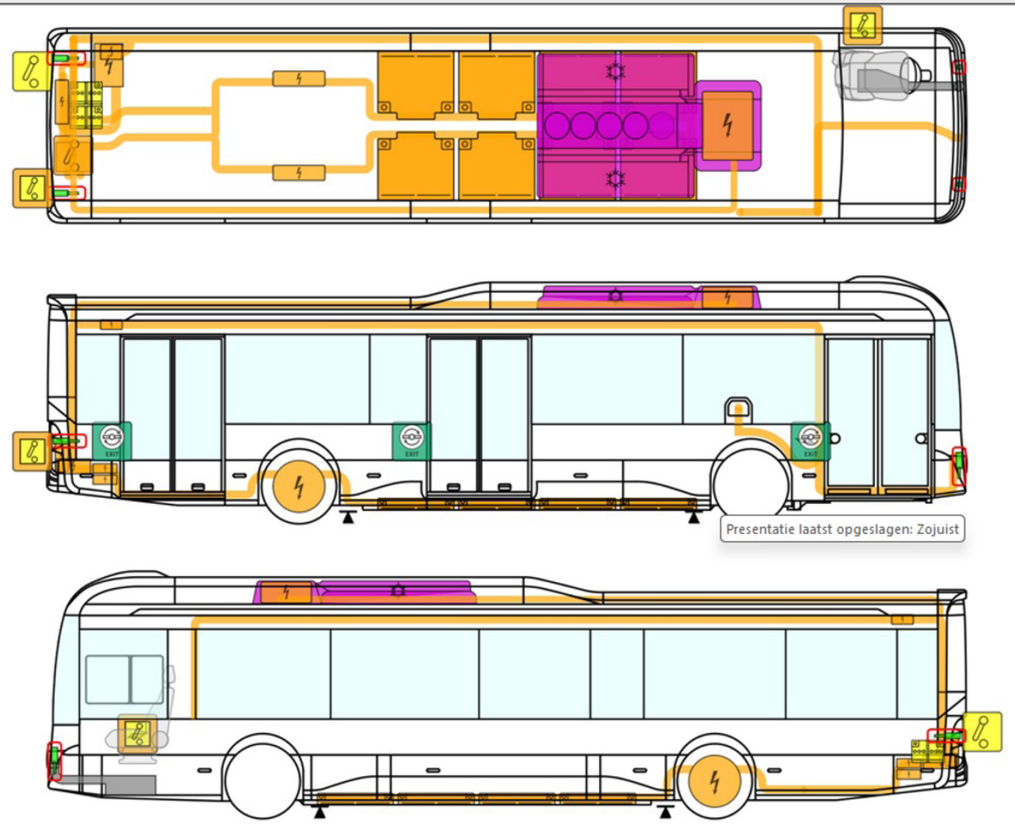
BLIKSUND CRS

Buses

Special features Ebusco

Ebusco - 3.0 12M - Base model - 3dr city bus - 2 axles - 2021-2024

ID: 110133 | Fuel type: Electric



BLIKSUND CRS

Buses

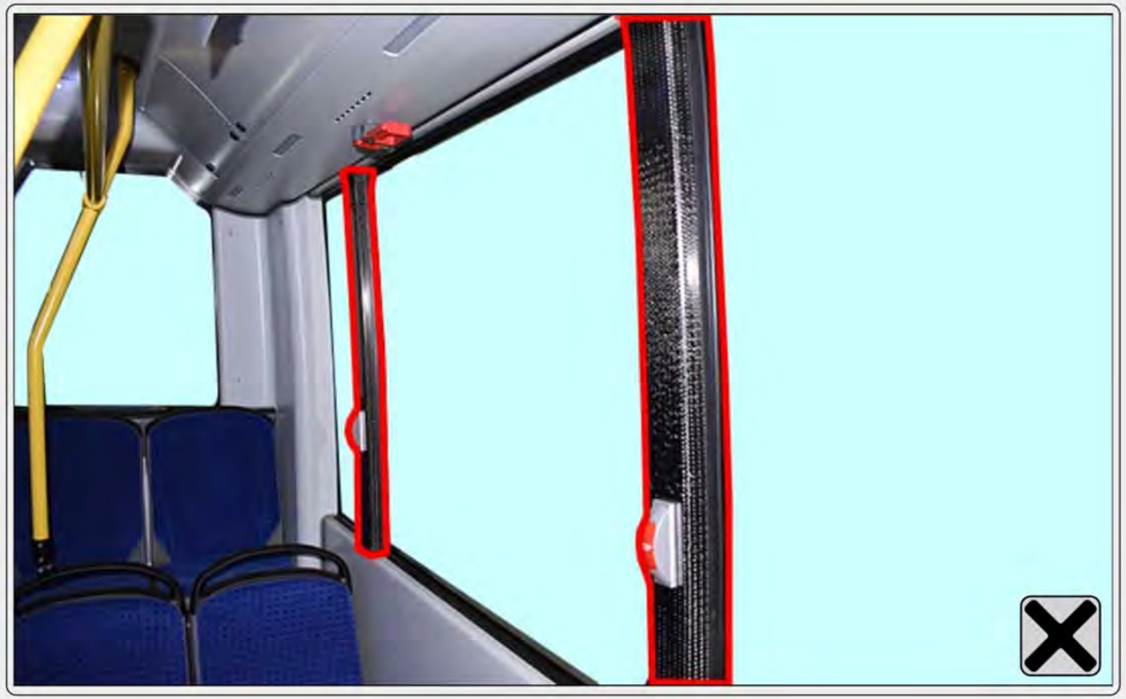
Special features Ebusco

C

Ebusco - 3.0 12M - Base model - 3dr city bus - 2 axles - 2021-2024

ID: 110133 | Fuel type: Electric

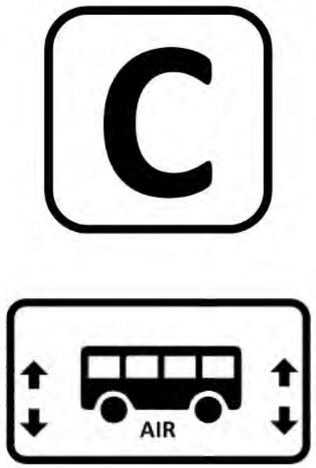
Koolstofvezel versterkte kunststof



BLIKSUND CRS

Buses

Special features Ebusco



Ebusco - 3.0 12M - Base model - 3dr city bus - 2 axles - 2021-2024

ID: 110133 | Fuel type: Electric

Chassisvering

The vehicle is equipped with air suspension.

The chassis can be lowered or raised using the control buttons on the dashboard (see fig. 1).
Caution! Make sure the vehicle cannot move downwards before the chassis is raised using the control buttons.
Caution! The ignition must be on and the air suspension must be working.

Precautions for lifting the vehicle with lifting equipment:
Caution! Never lift the vehicle when the air suspension is active.
Caution! The vehicle may move unexpectedly because the air suspension system could adjust the vehicle height.

For deactivation: see battery main switch (see link 1).

afb. 1 | link 1

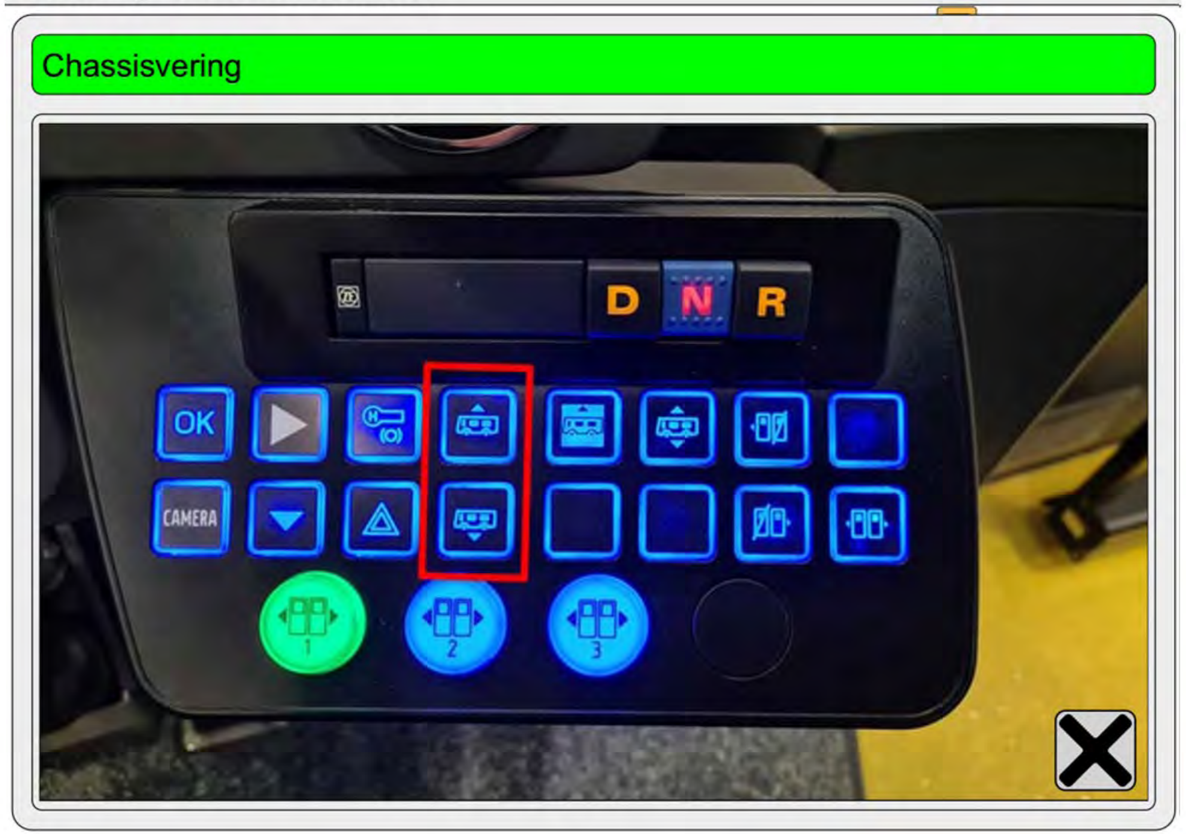
BLIKSUND CRS

Buses

Special features Ebusco

Ebusco - 3.0 12M - Base model - 3dr city bus - 2 axles - 2021-2024

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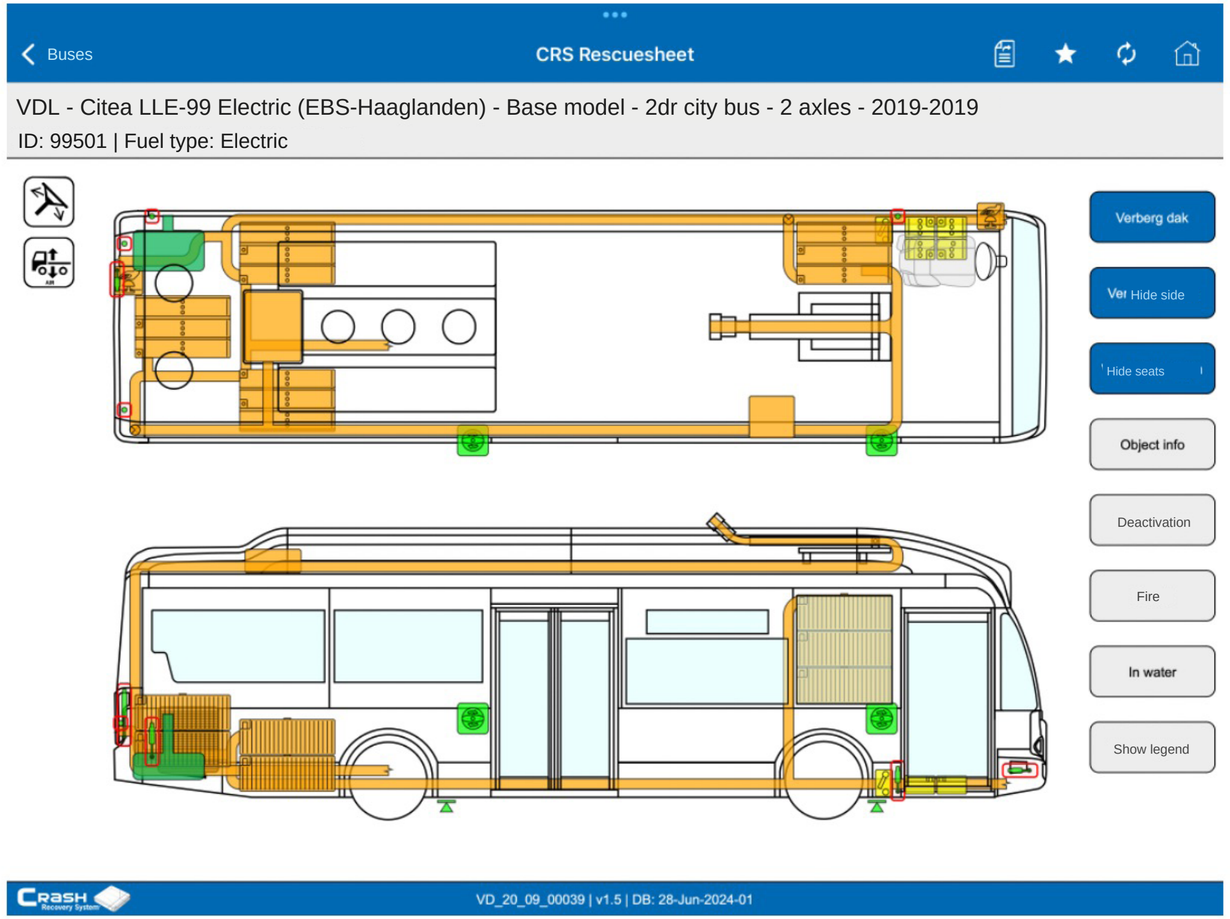
C

AIR

BLIKSUND CRS

Buses

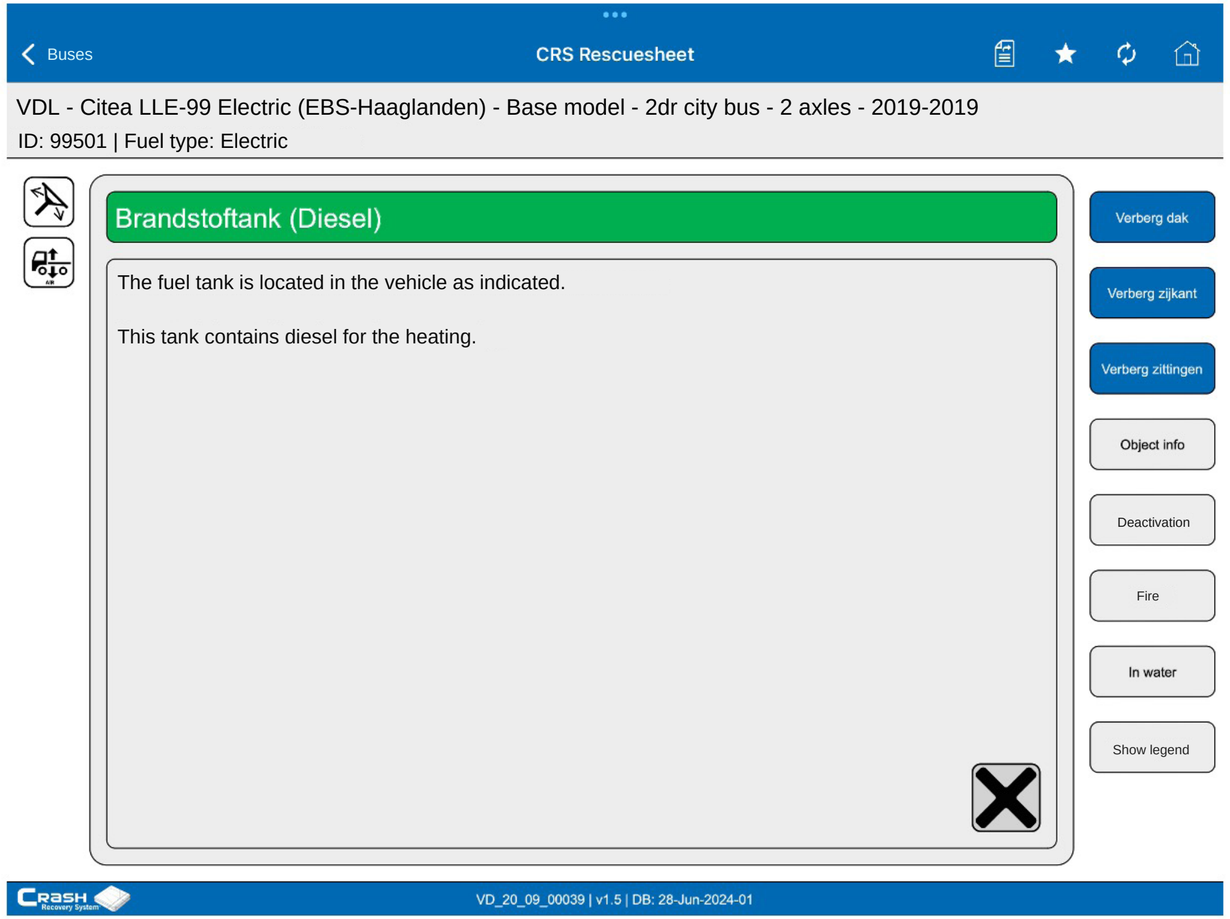
VDL Citea LLE99 electric



BLIKSUND CRS

Buses

VDL Citea LLE99 electric

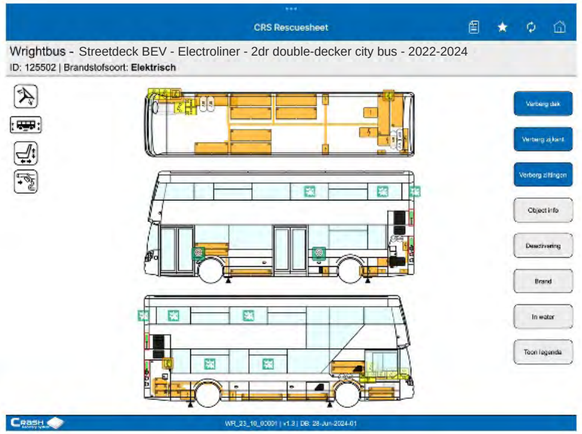


BLIKSUND CRS

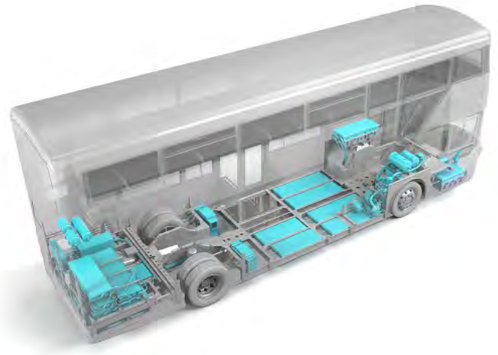
7. Publications / news flashes

Buses

Bliksund and Wrightbus sign partnership agreement









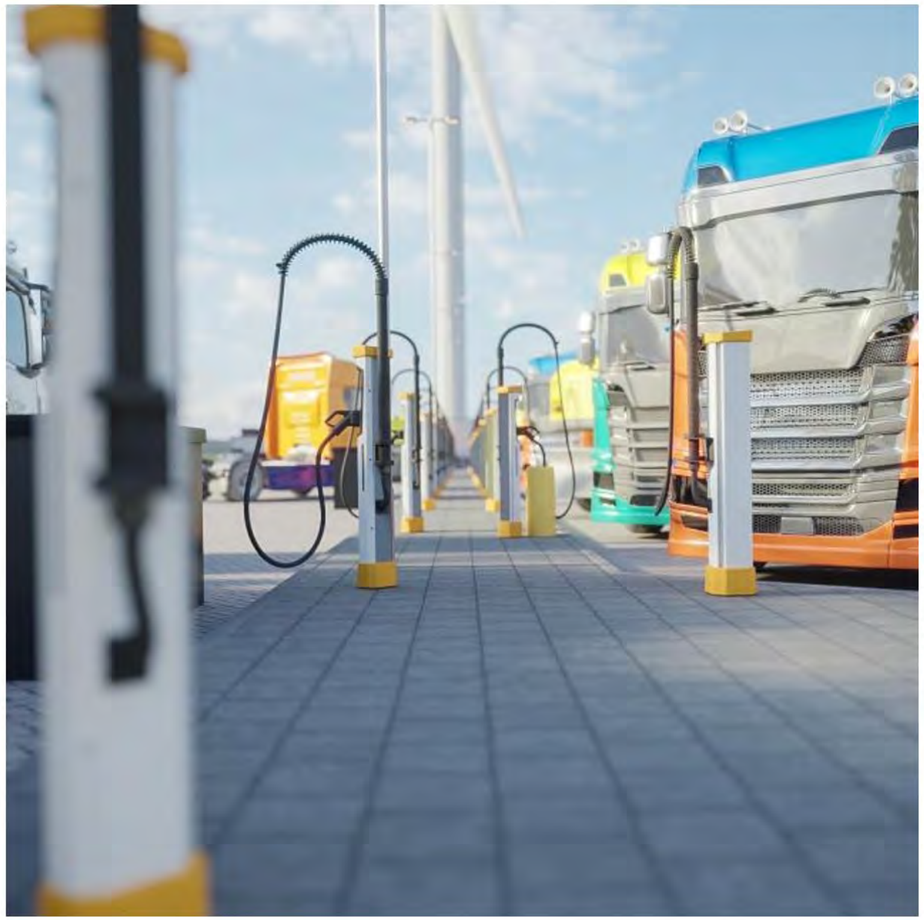


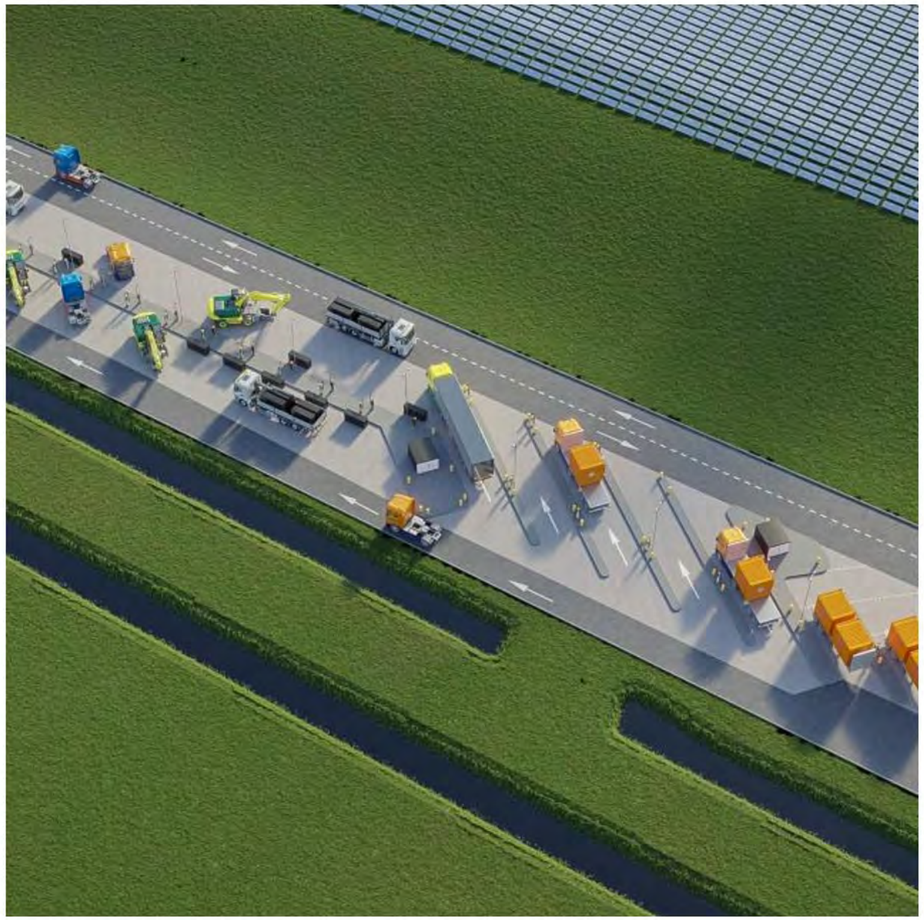


BLIKSUND CRS

WattHubs

Charging hubs for the entire region



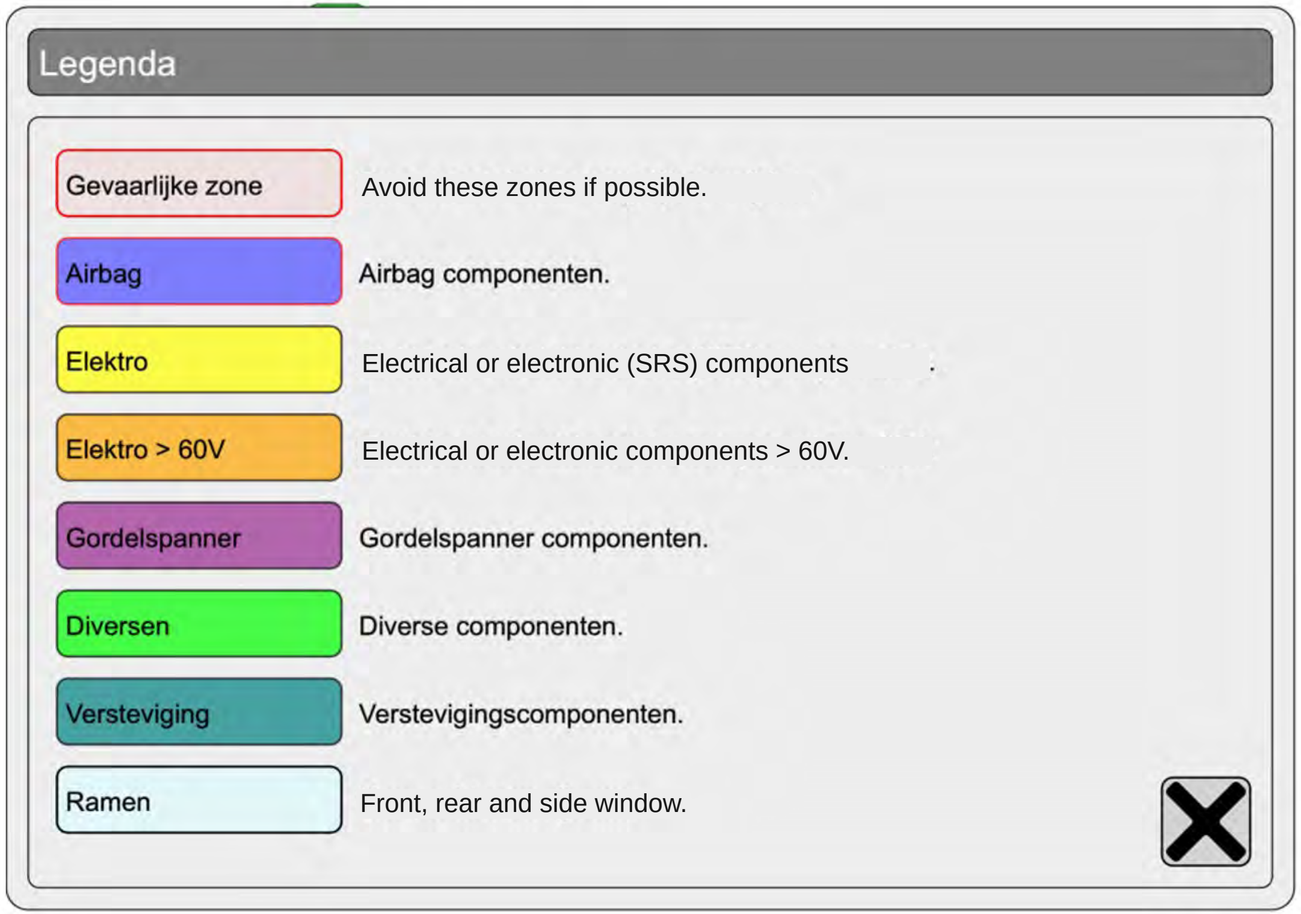


BLIKSUND CRS



8. Practice assignments: CRS General

Component colours in the Crash Recovery System



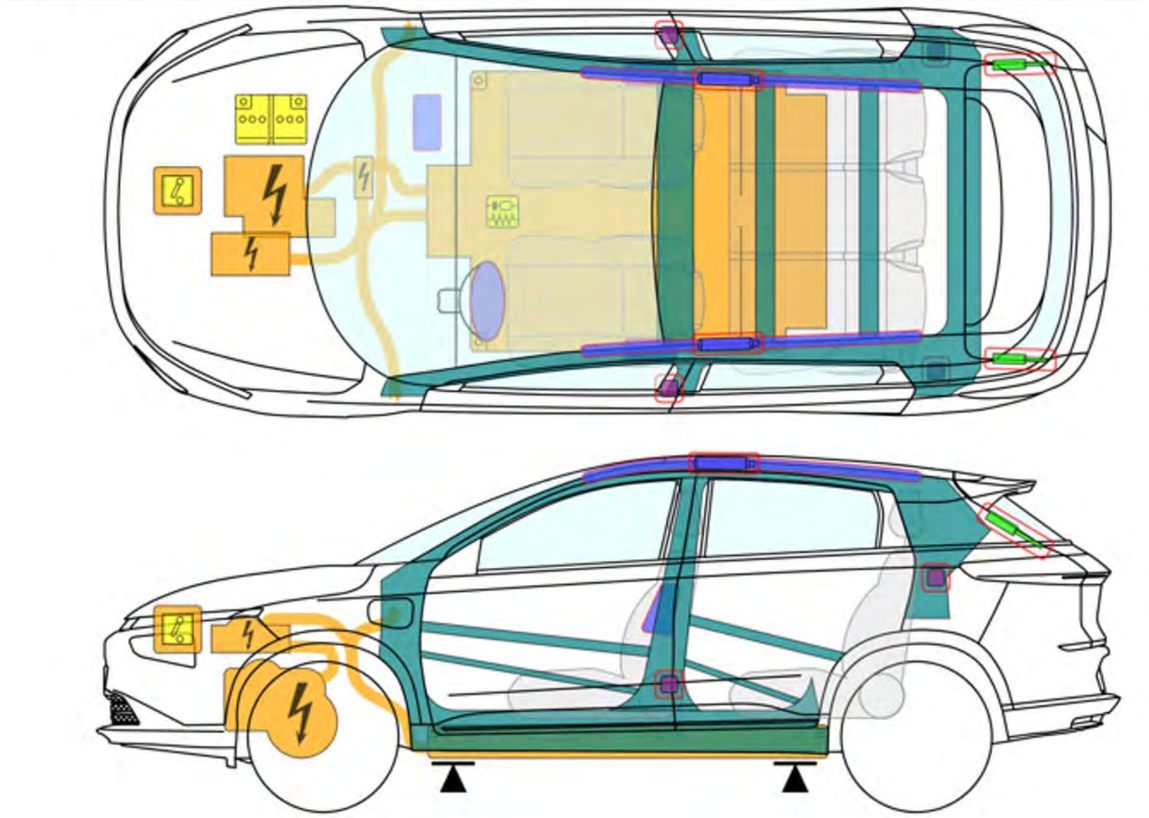
BLIKSUND CRS

Cars and vans

Xpeng G3i - Electric - 5dr SUV - 2021-2024

XPeng - G3i - Electric - 5dr SUV - 2021-2024

ID: 126118 | Fuel type: Electric



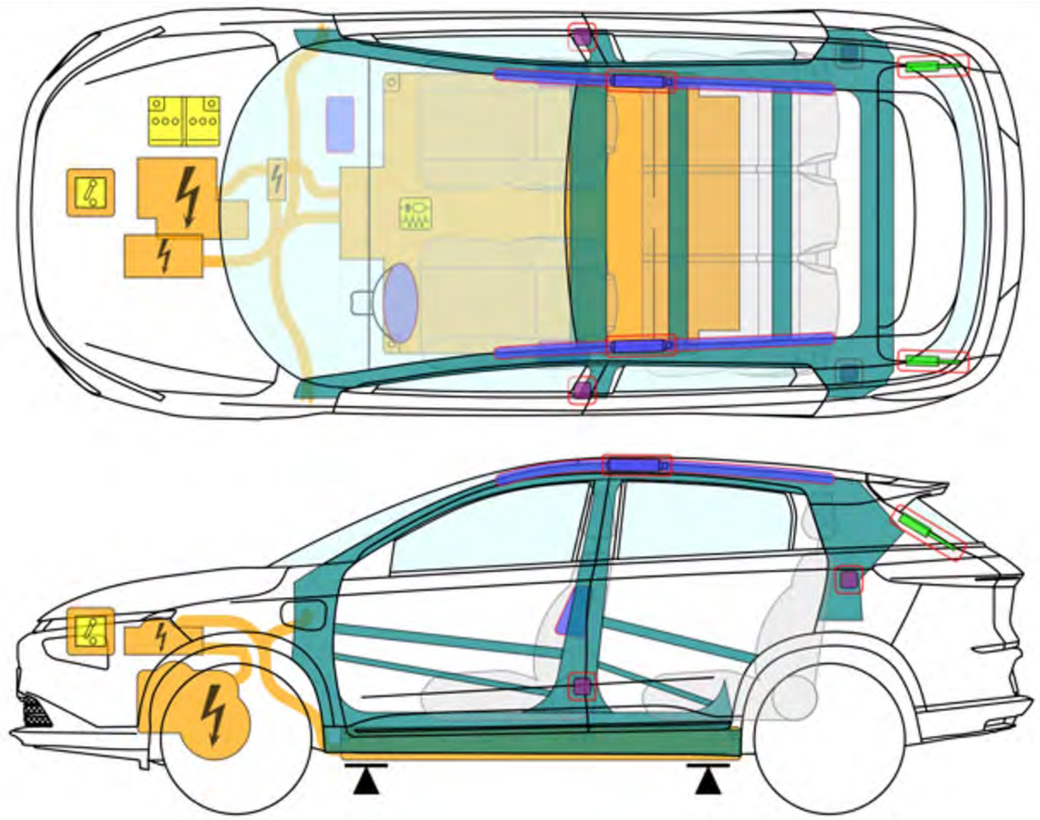
BLIKSUND CRS

Cars and vans

Xpeng G3i - Electric - 5dr SUV - 2021-2024

XPeng - G3i - Electric - 5dr SUV - 2021-2024

ID: 126118 | Fuel type: Electric



BLIKSUND CRS

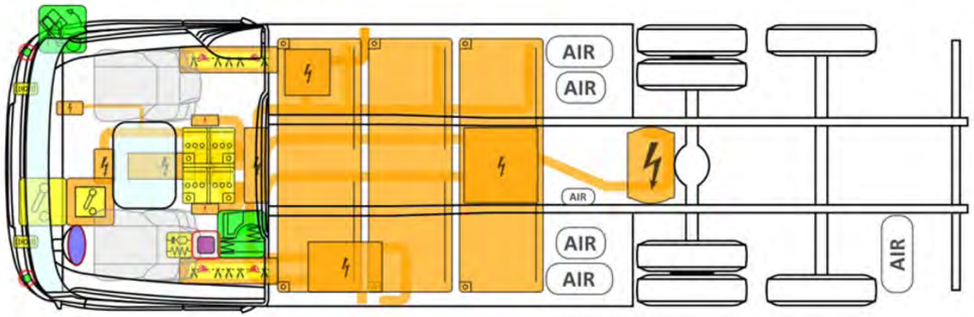
Lorries

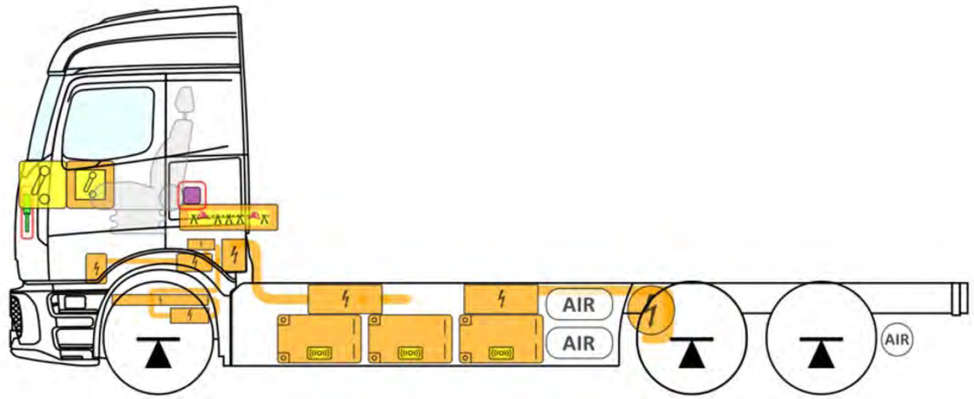
Emergency disconnect cable

Mercedes Benz – eActros 600

Mercedes-Benz - eActros - 600 - 621 kWh battery pack - lorry - 2024-2024

ID: 125384 | Fuel type: Electric





BLIKSUND CRS

Lorries

Emergency disconnect cable

Mercedes Benz – eActros 600

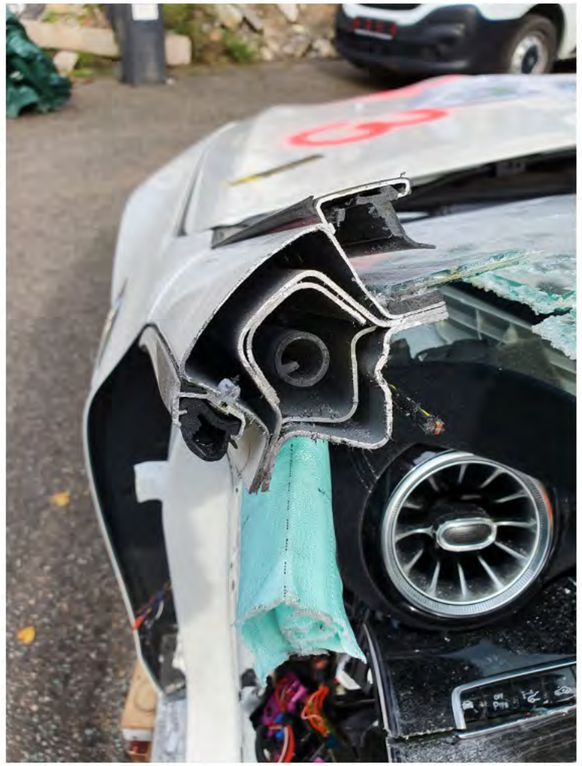
Mercedes-Benz - eActros - 600 - 621 kWh battery pack - lorry - 2024-2024

ID: 125384 | Fuel type: Electric



BLIKSUND CRS

Reinforcements





AMG GT A-stijl / AMG GT C-stijl



BMW 740 A-pillar

BLIKSUND CRS

Brand

Fire





BLIKSUND CRS

Fire

Fire









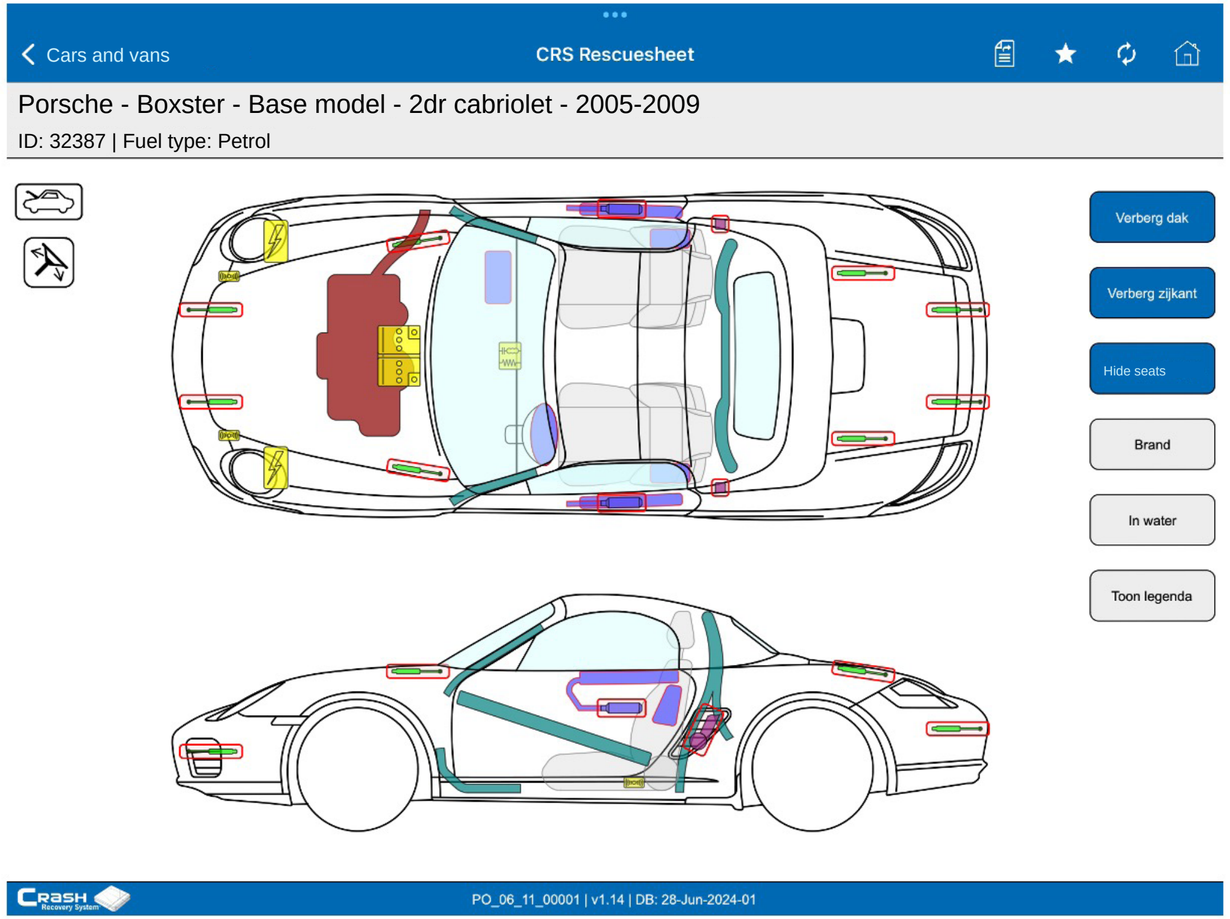




BLIKSUND CRS

Brand

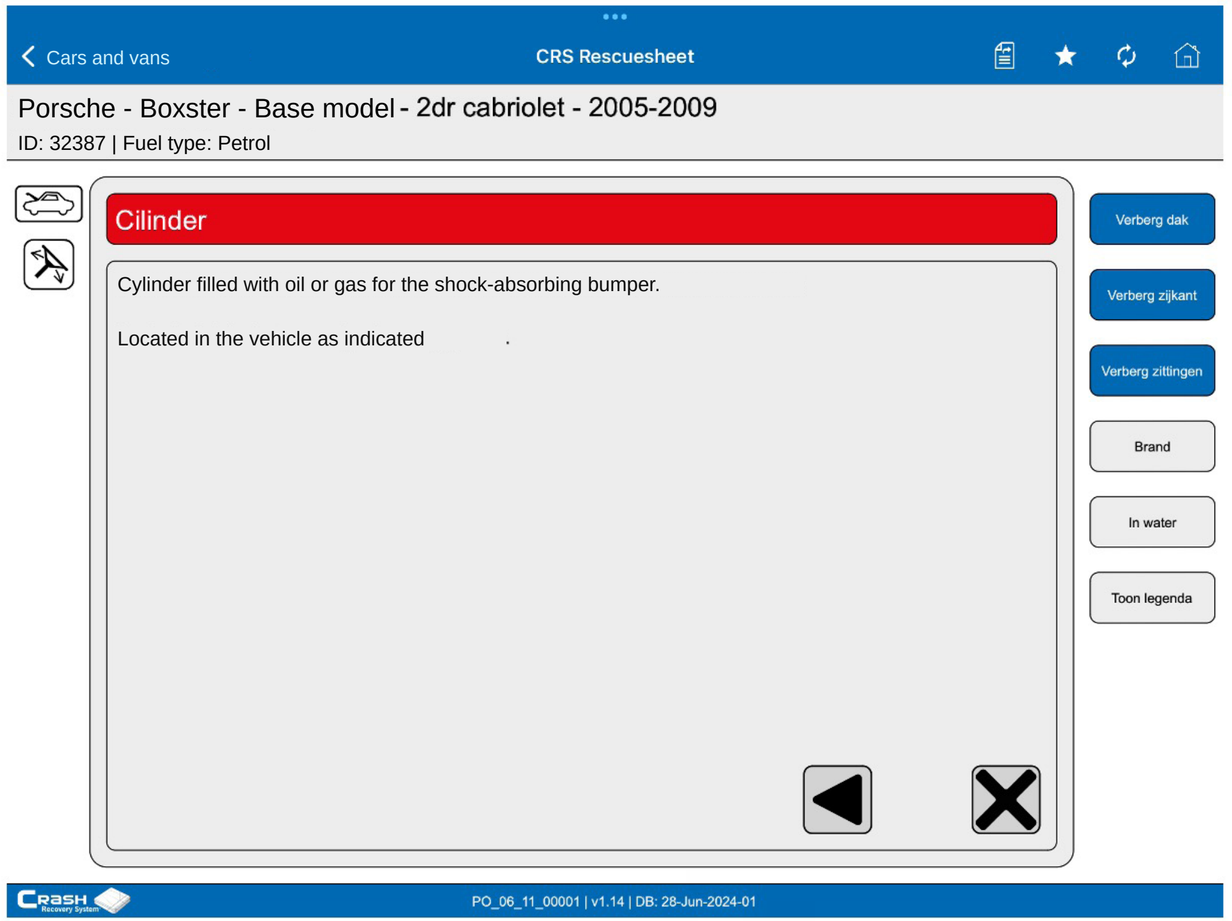
Porsche Boxster bumper dampers



BLIKSUND CRS

Fire

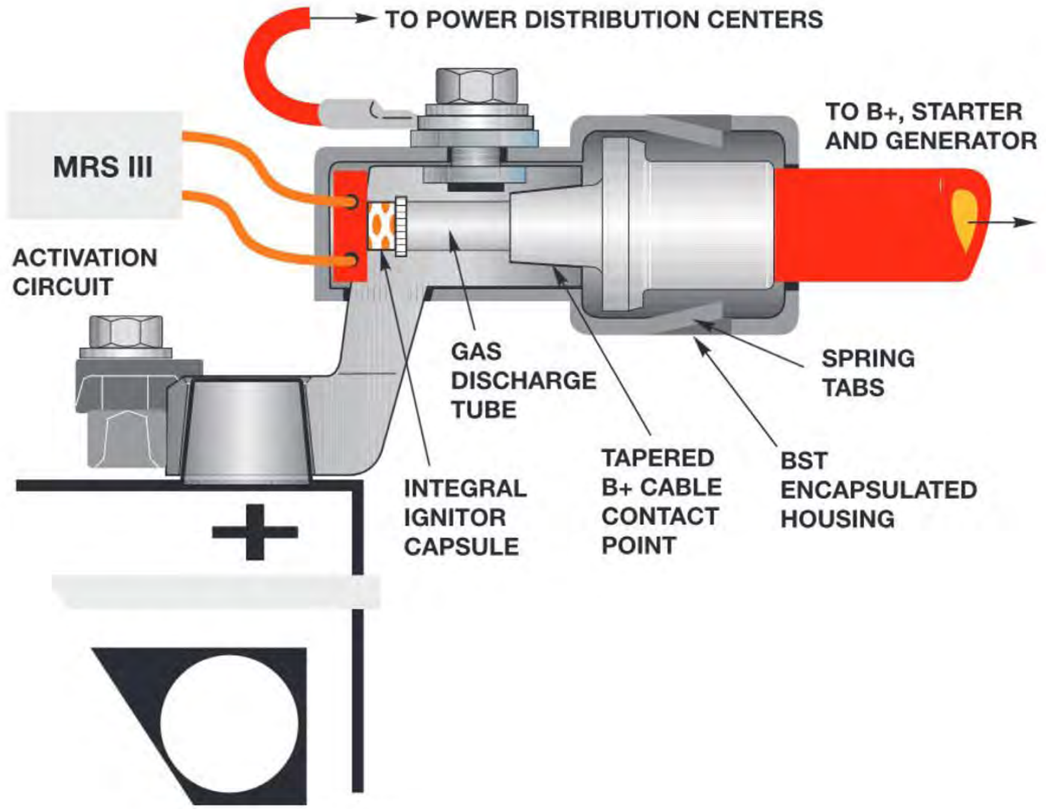
Porsche Boxster bumper dampers



BLIKSUND CRS

Brand

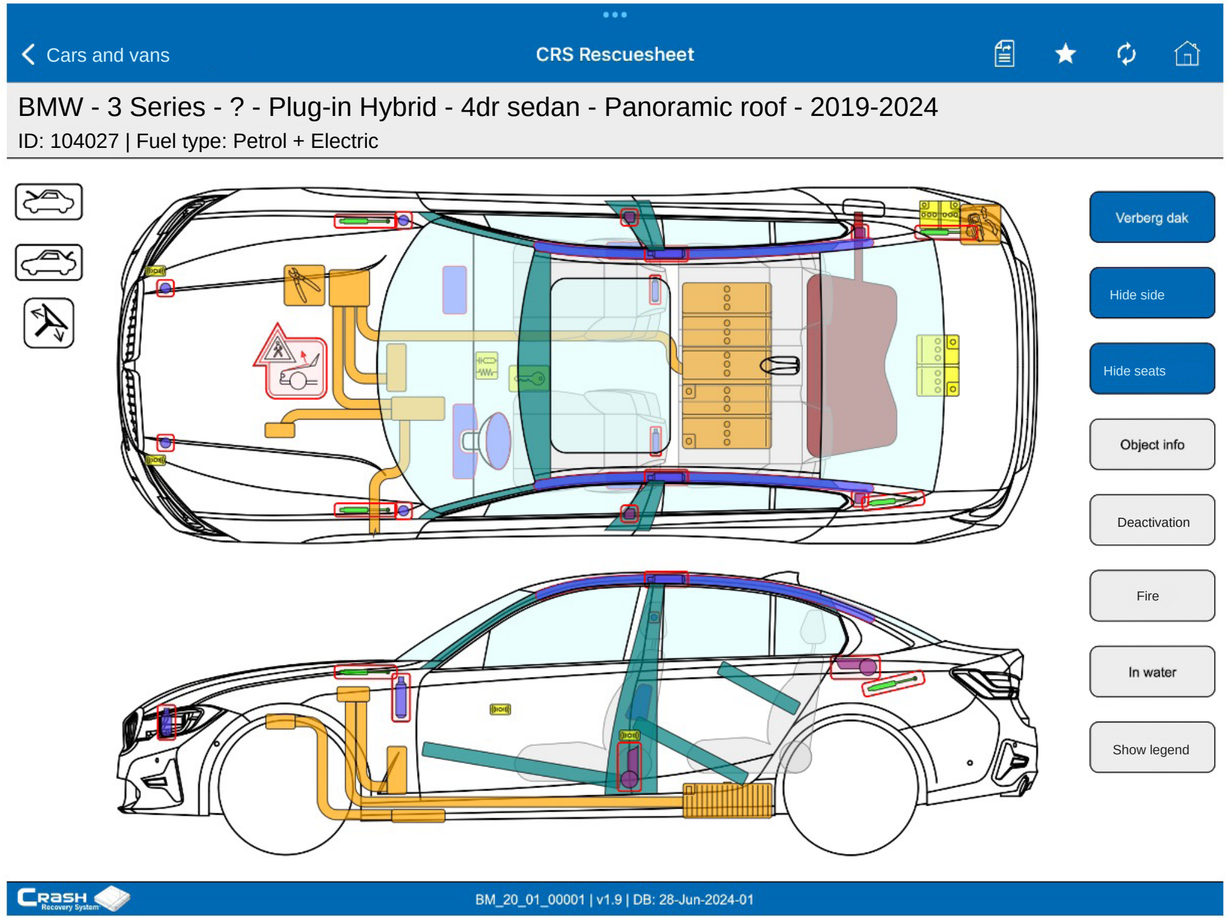
A BMW with a safety circuit
for the 12V battery



BLIKSUND CRS

Brand

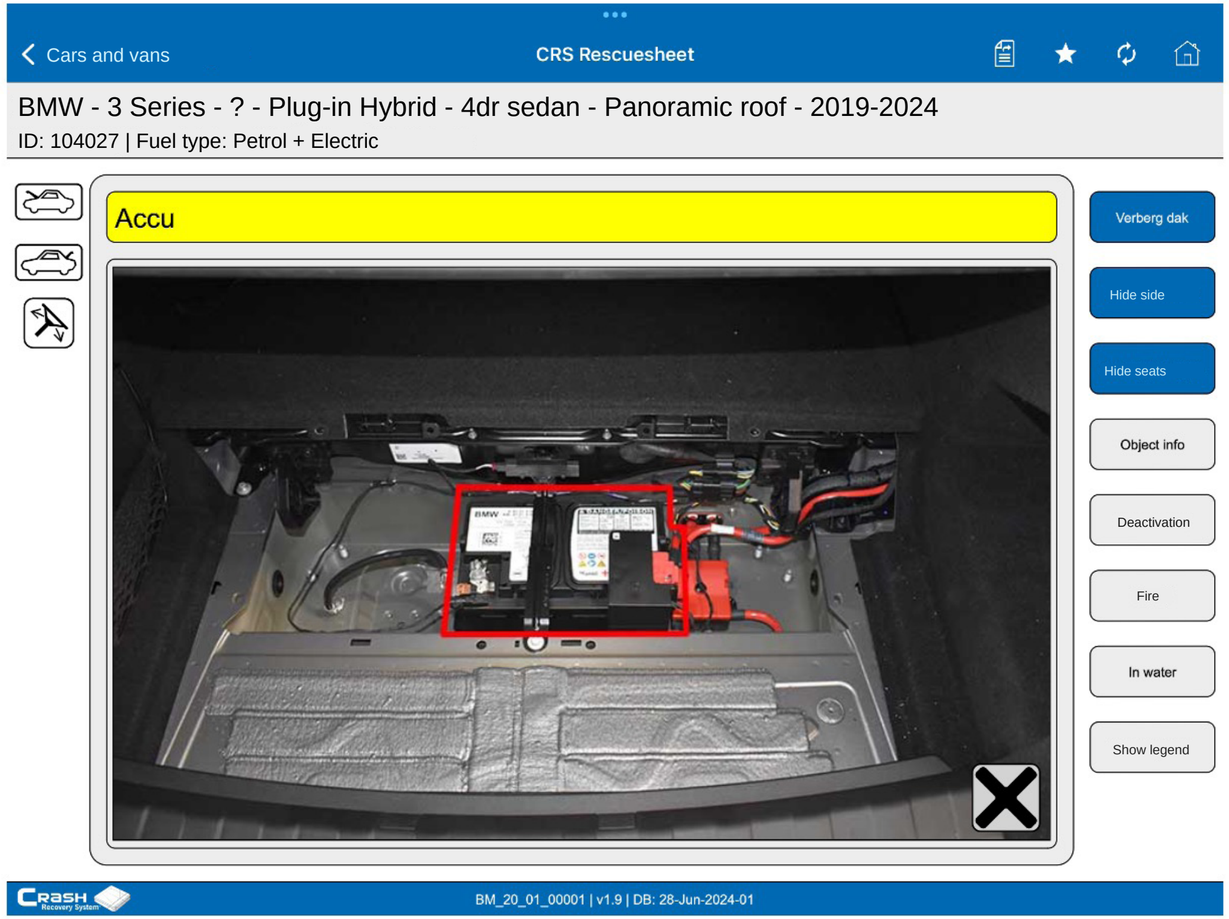
A BMW with a safety circuit for the 12V battery



BLIKSUND CRS

Brand

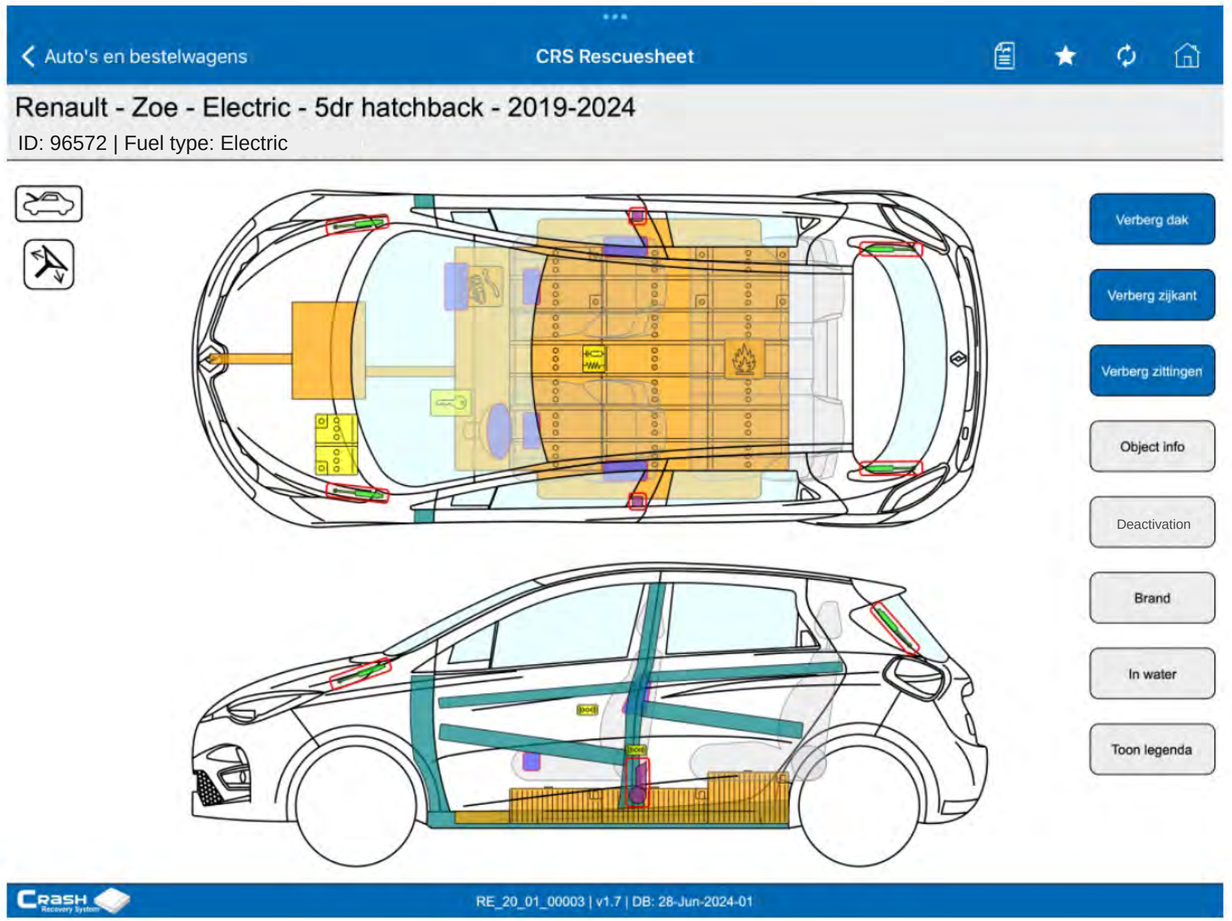
A BMW with a safety circuit for the 12V battery



BLIKSUND CRS

Brand

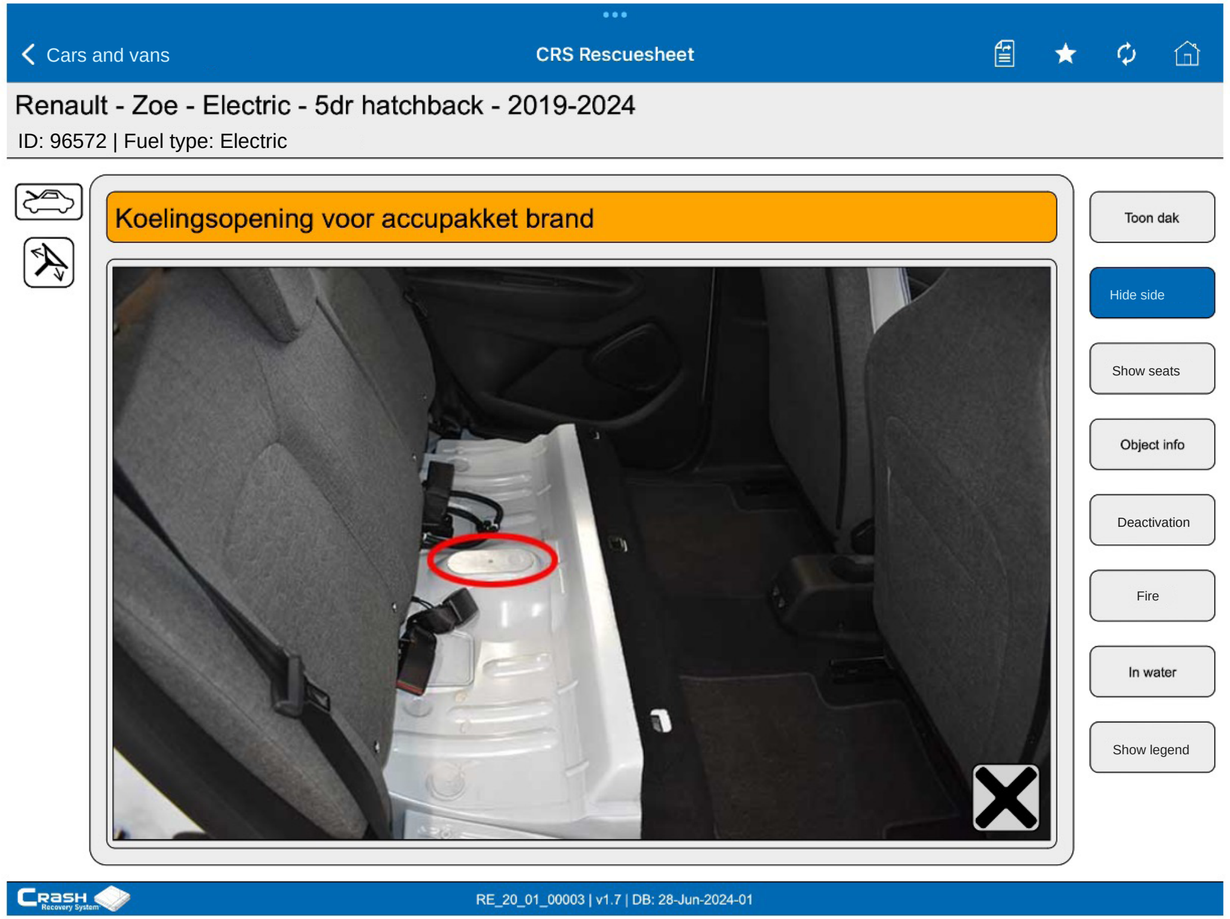
HV battery Renault Zoë 2019-2024



BLIKSUND CRS

Brand

HV battery Renault Zoë 2019-2024

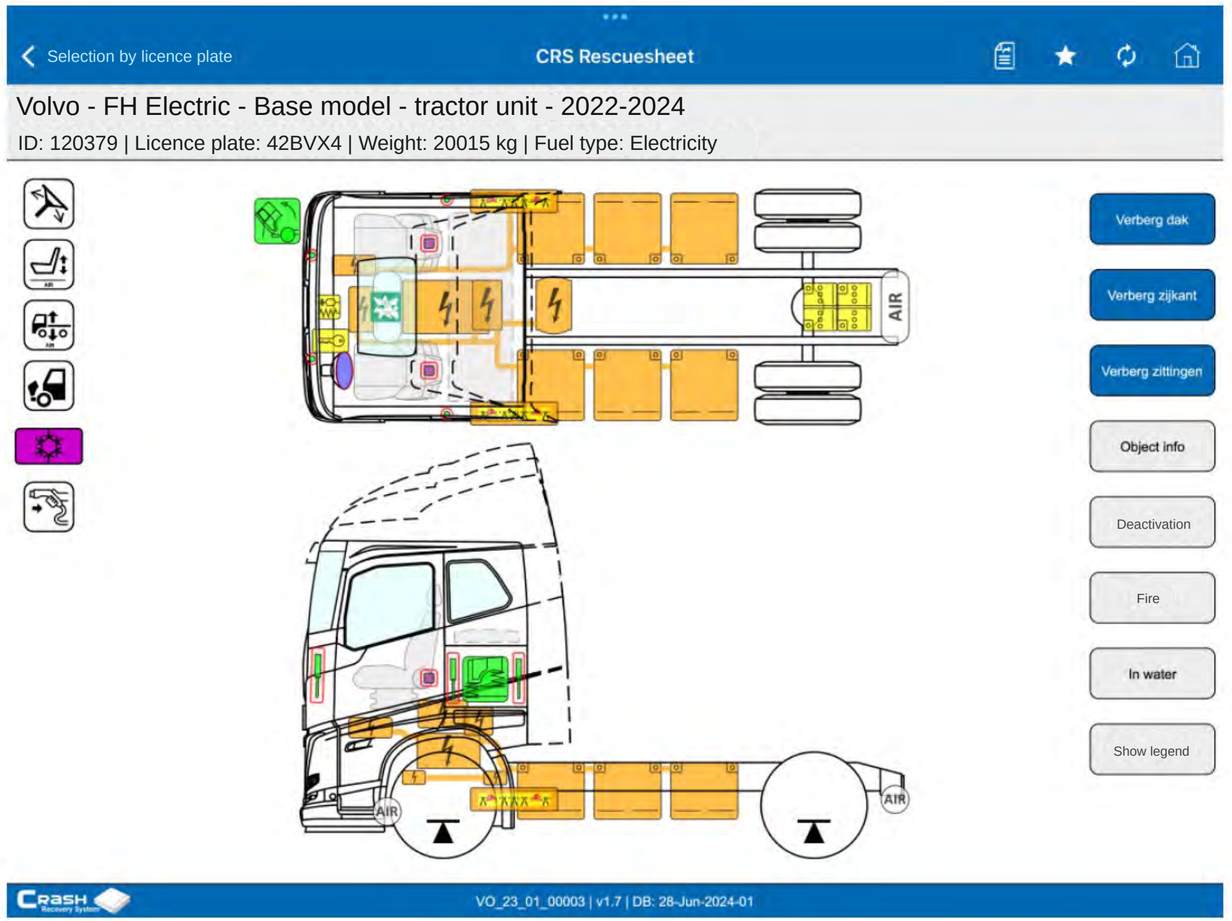


BLIKSUND CRS

Lorries

Emergency disconnect cable

Volvo FH electric (42-BVX-4)



BLIKSUND CRS

Lorries

Emergency disconnect cable

Volvo FH electric (42-BVX-4)



BLIKSUND CRS

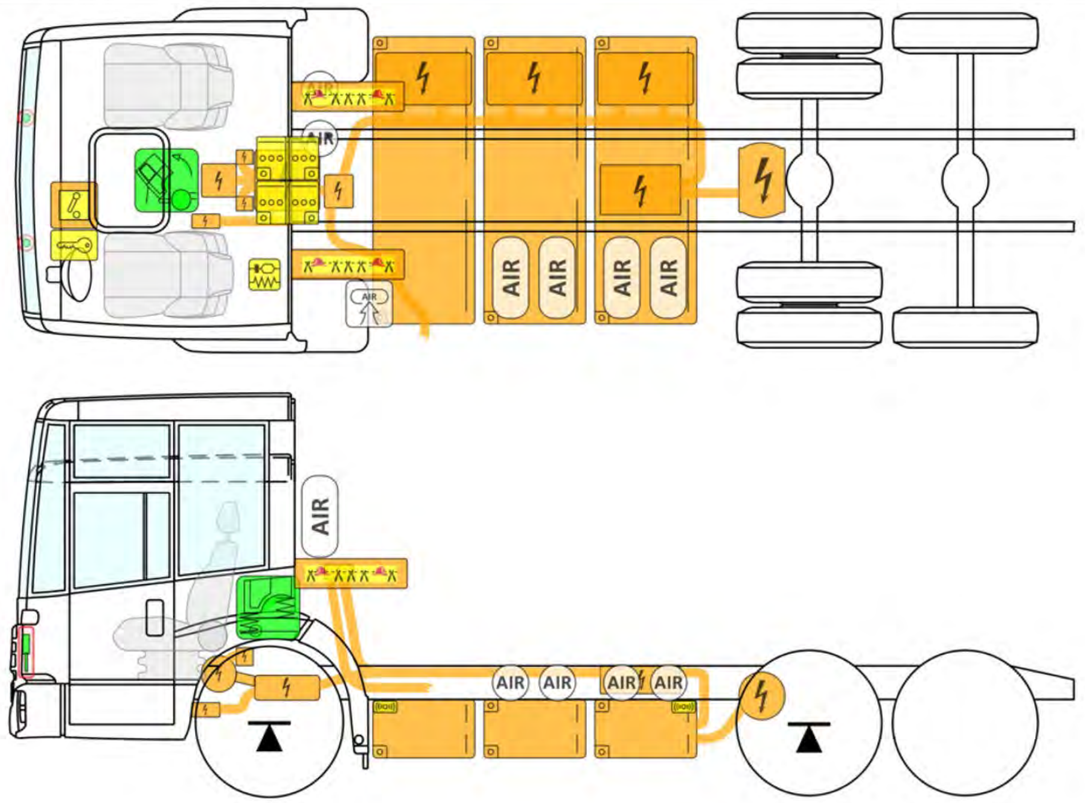
Lorries

Emergency disconnect cable

Mercedes Benz – eEconic

Mercedes-Benz - eEconic - Electric - lorry - 2022-2024

ID: 122627 | Fuel type: Electric



BLIKSUND CRS

Lorries

Emergency disconnect cable

Mercedes Benz – eEconic

Mercedes-Benz - eEconic - Electric - lorry - 2022-2024

ID: 122627 | Fuel type: Electric

Nood-ontkoppelingskabel

This component is part of the deactivation procedure (see deactivation).

Located on the left-hand side of the vehicle.

To disconnect:
- Cut the indicated cable (see fig. 1).

afb. 1



BLIKSUND CRS

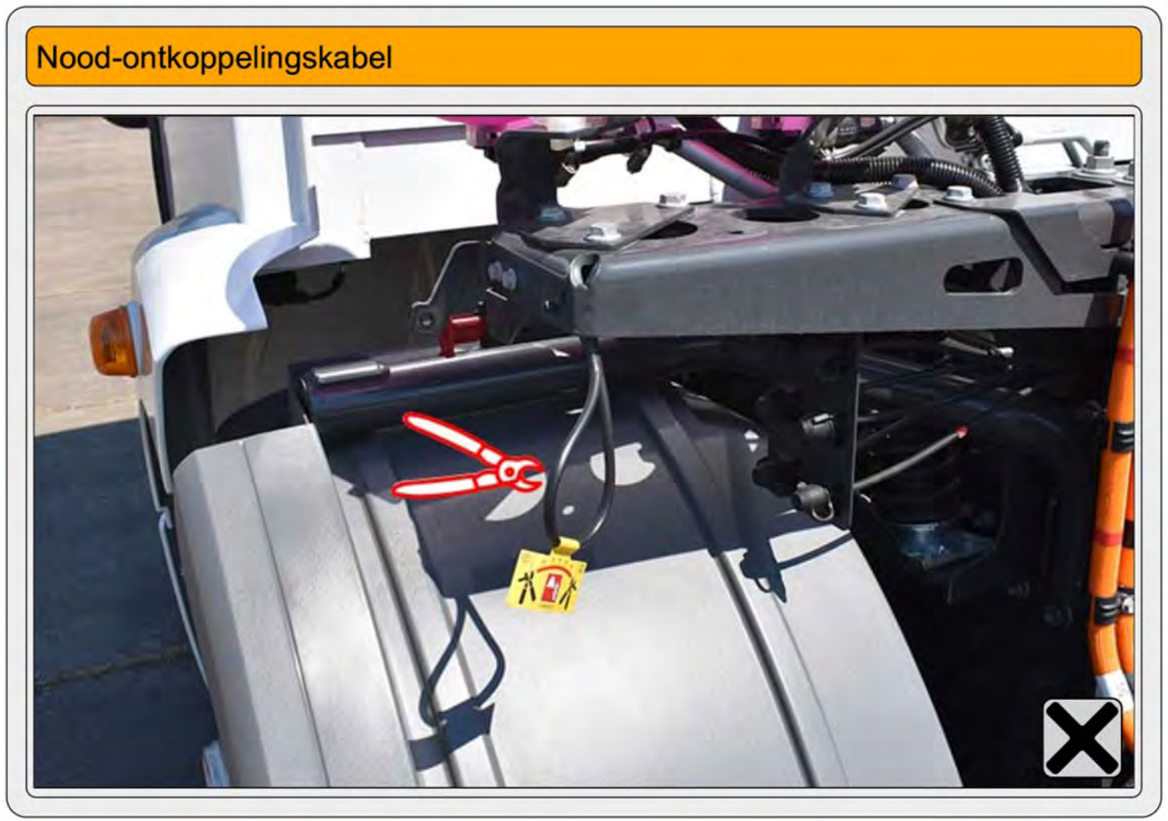
Lorries

Emergency disconnect cable

Mercedes Benz – eEconic

Mercedes-Benz - eEconic - Electric - lorry - 2022-2024

ID: 122627 | Fuel type: Electric



BLIKSUND CRS

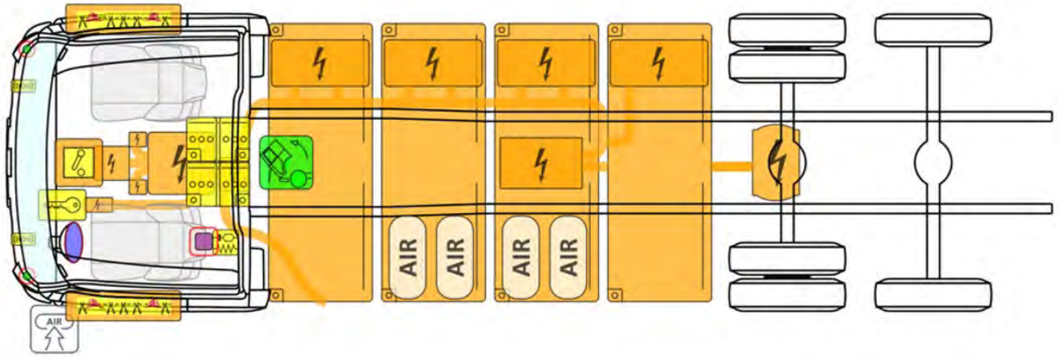
Lorries

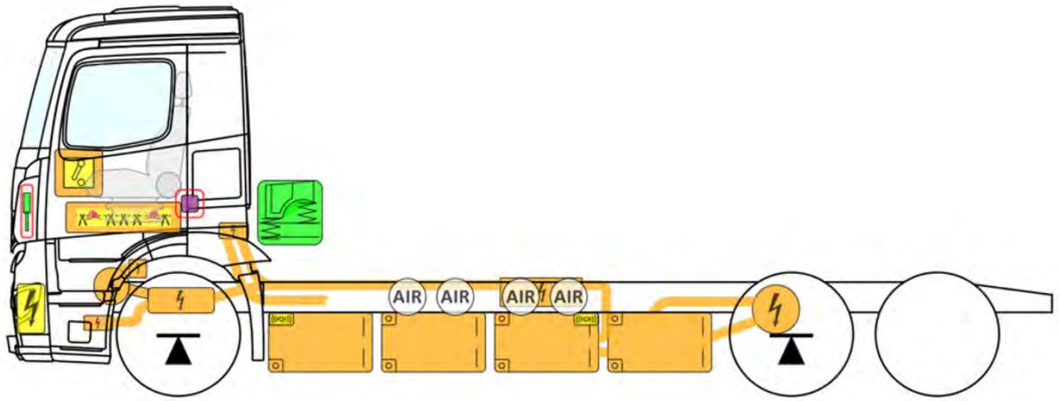
Chassis suspension

Mercedes Benz – eActros 400

Mercedes-Benz - eActros - 400 - 448 kWh battery pack - lorry - 2022-2024

ID: 123075 | Fuel type: Electric





BLIKSUND CRS

Lorries

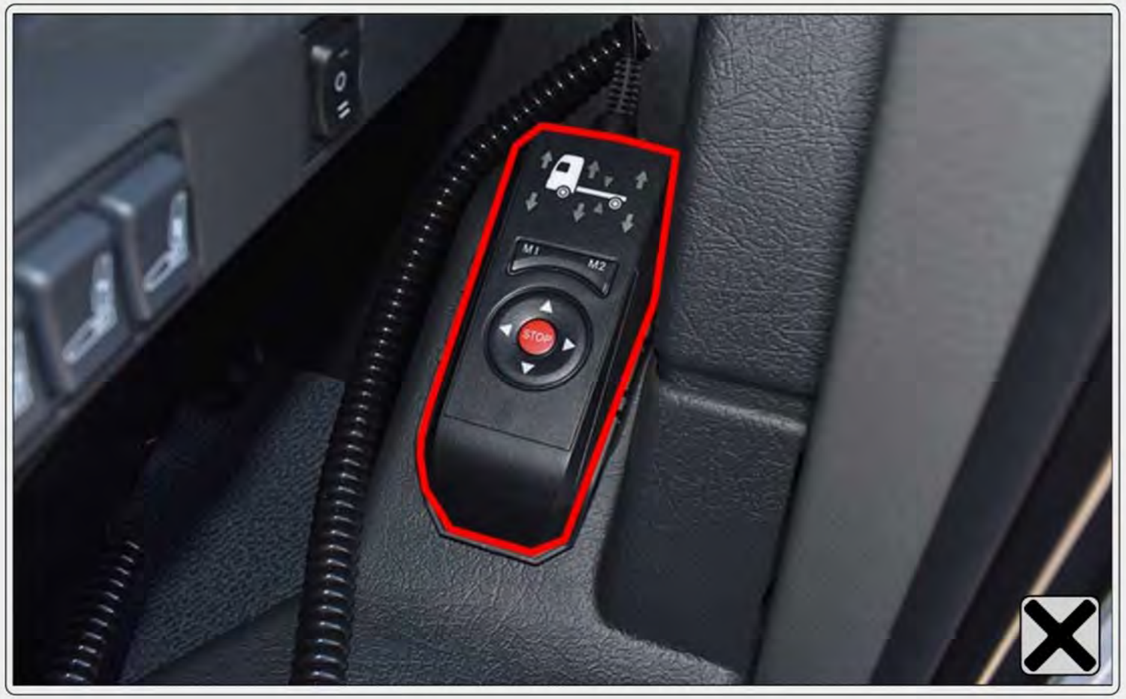
Chassis suspension

Mercedes Benz – eActros 400

Mercedes-Benz - eActros - 400 - 448 kWh battery pack - lorry - 2022-2024

ID: 123075 | Fuel type: Electric

Chassisvering

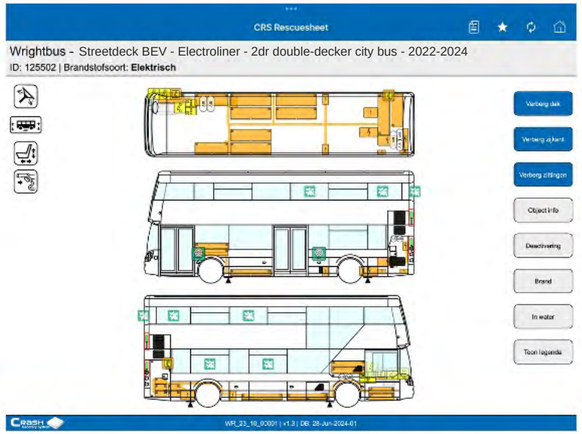


AIR

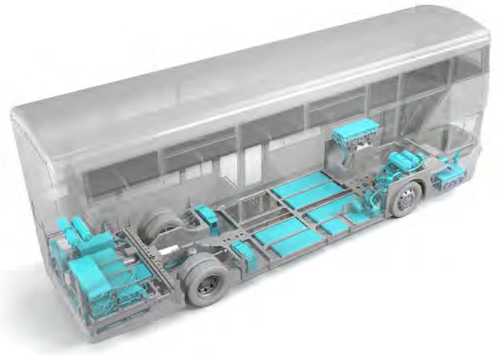
BLIKSUND CRS

Buses

Bliksund and Wrightbus sign partnership agreement











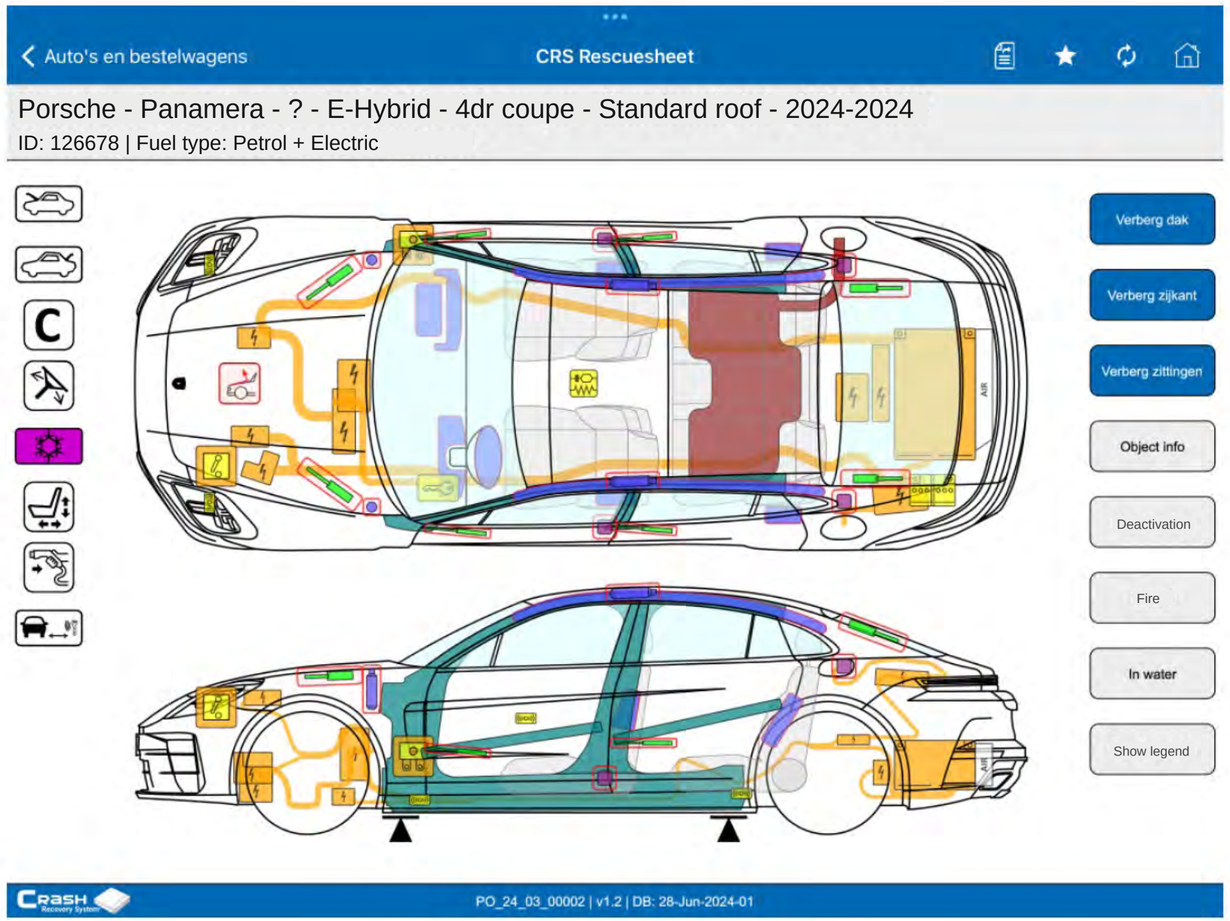


BLIKSUND CRS

Cars and vans

Air suspension

Porsche Panamera E-Hybrid



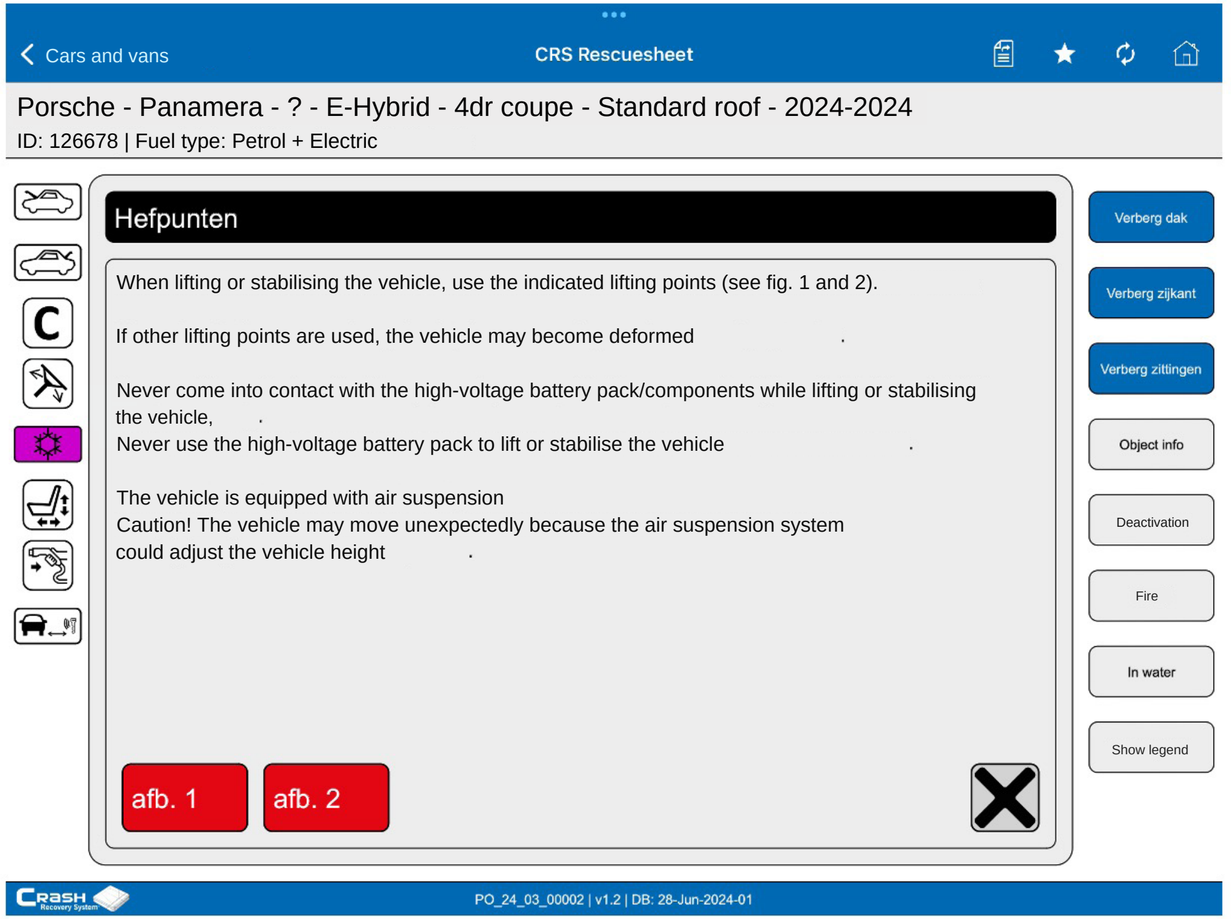
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Cars and vans

Air suspension

Porsche Panamera E-Hybrid





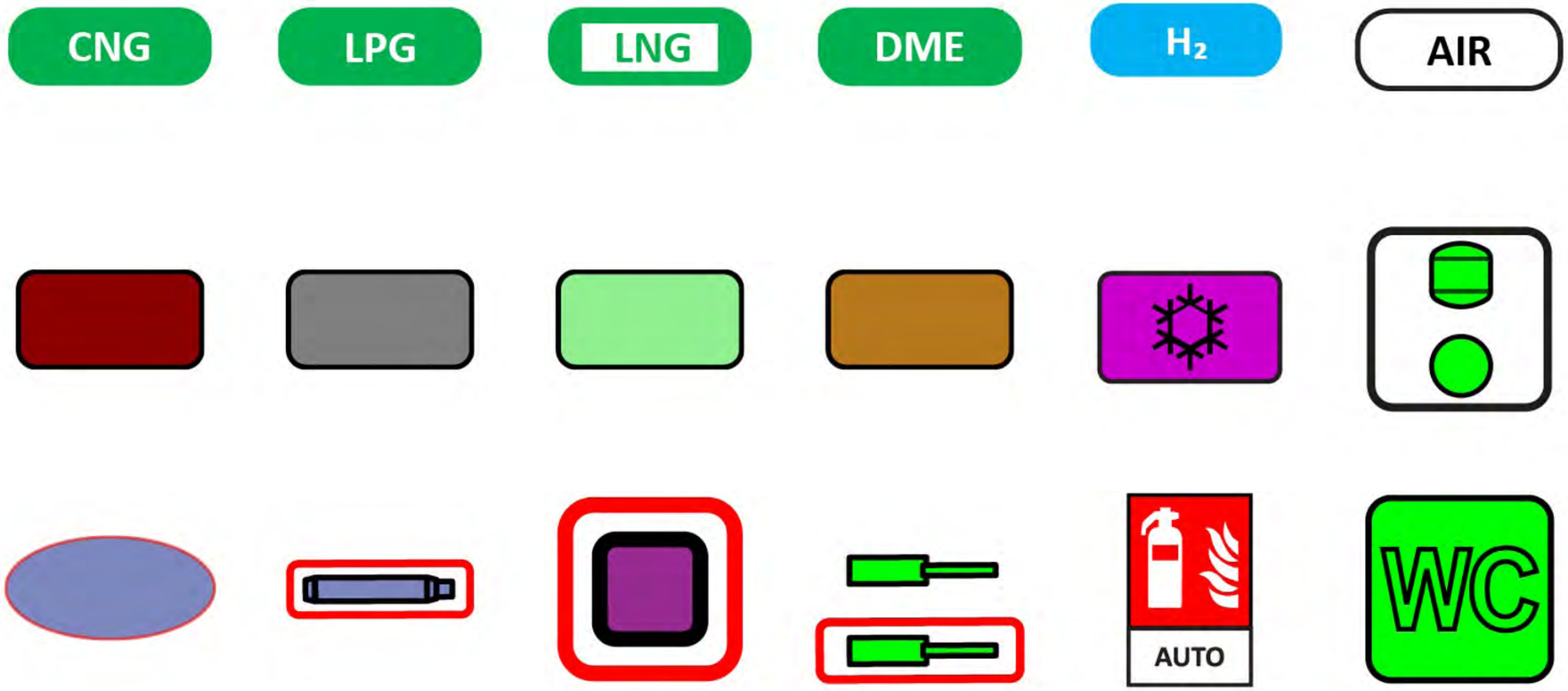
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(Fuel) tanks and pressure vessels



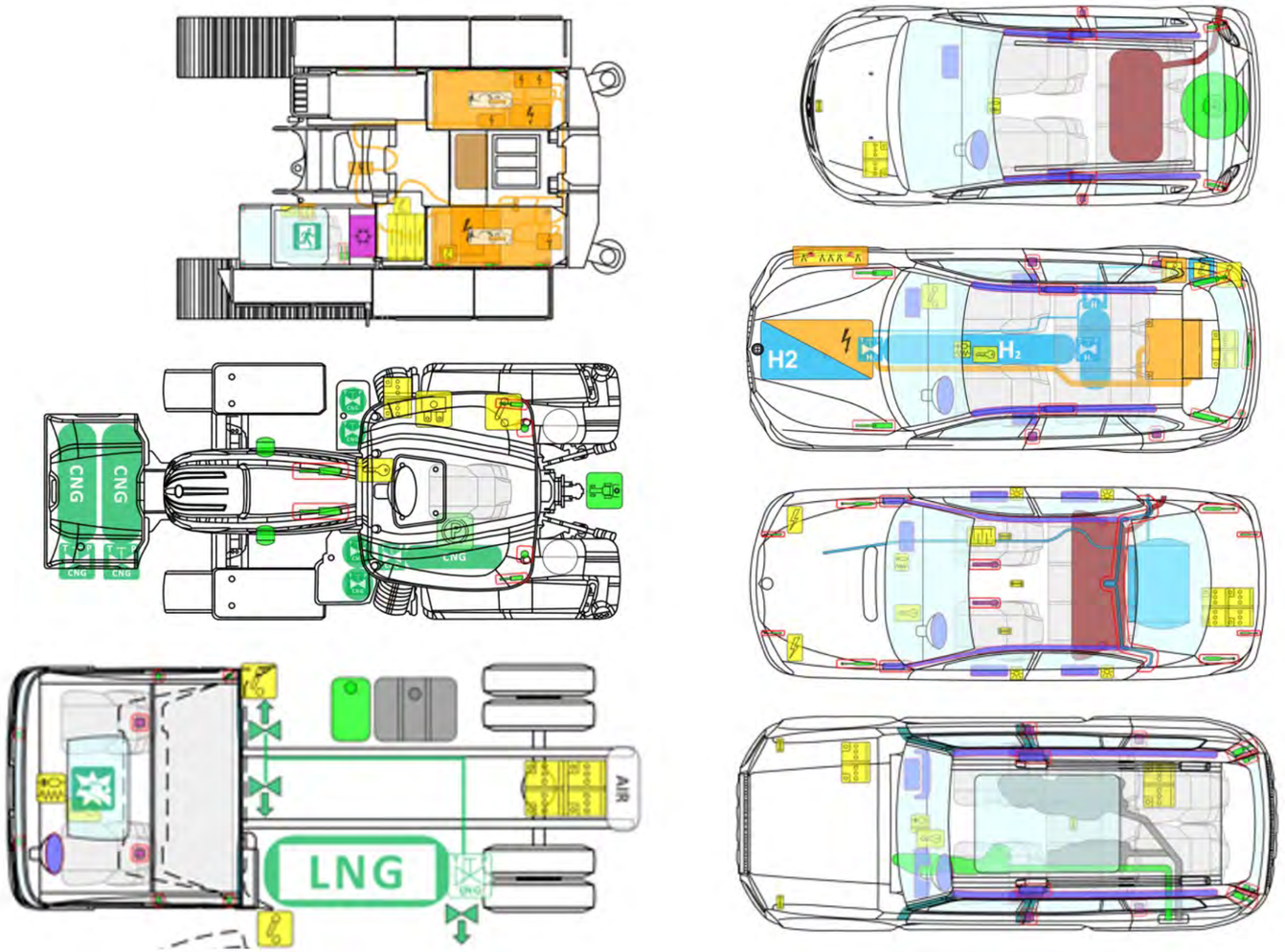
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(Fuel) tanks and pressure vessels



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(Fuel) tanks and pressure vessels



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9. Special features and exceptions 2

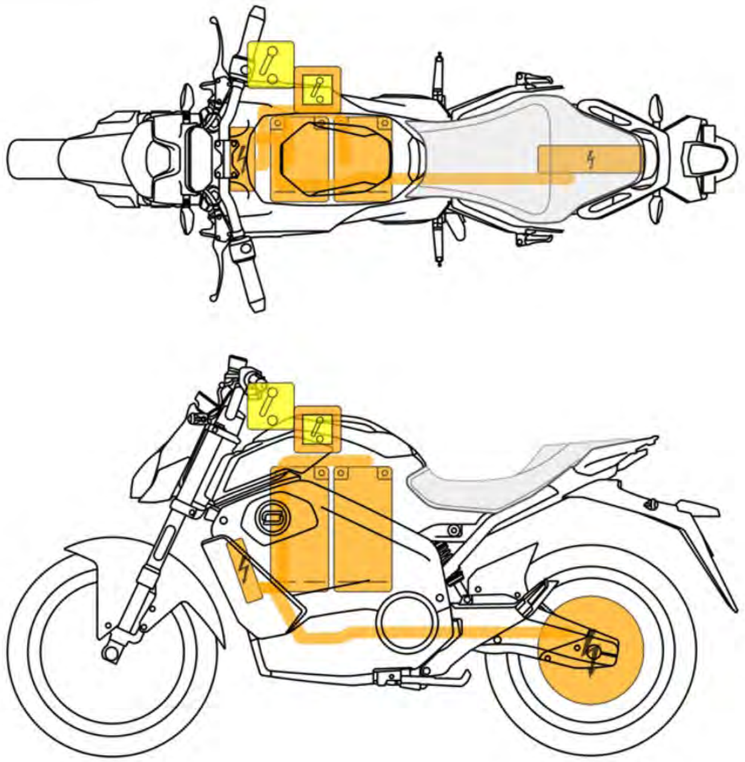
Two-wheelers

Deactivation

Super Soco TS

Super Soco - TS Hunter - Electric - motor - 2022-2024

ID: 120232 | Fuel type: Electric



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Two-wheelers

Deactivation

Super Soco TS

Super Soco - TS Hunter - Electric - motor - 2022-2024

ID: 120232 | Fuel type: Electric

Service/Nood-ontkoppelingsschakelaar

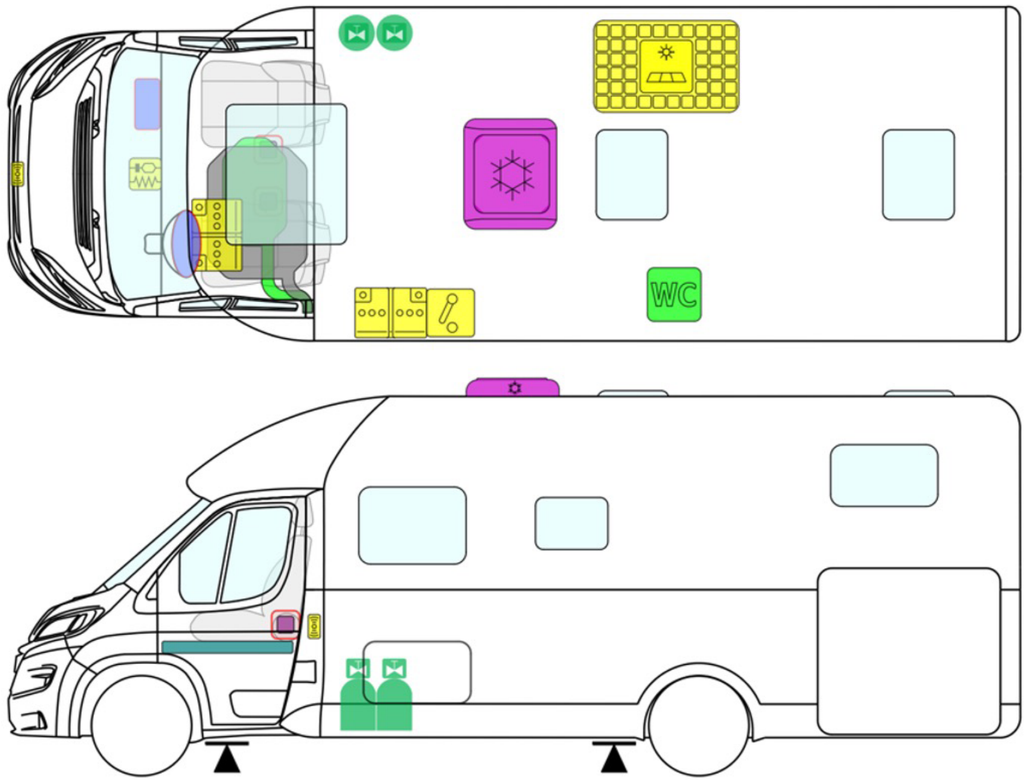


Campers

Hymer Tramp 708 SL

Hymer - Tramp 708 SL - ? - camper - 2014-2023

ID: 114291 | Brandstofsoort: **Diesel**



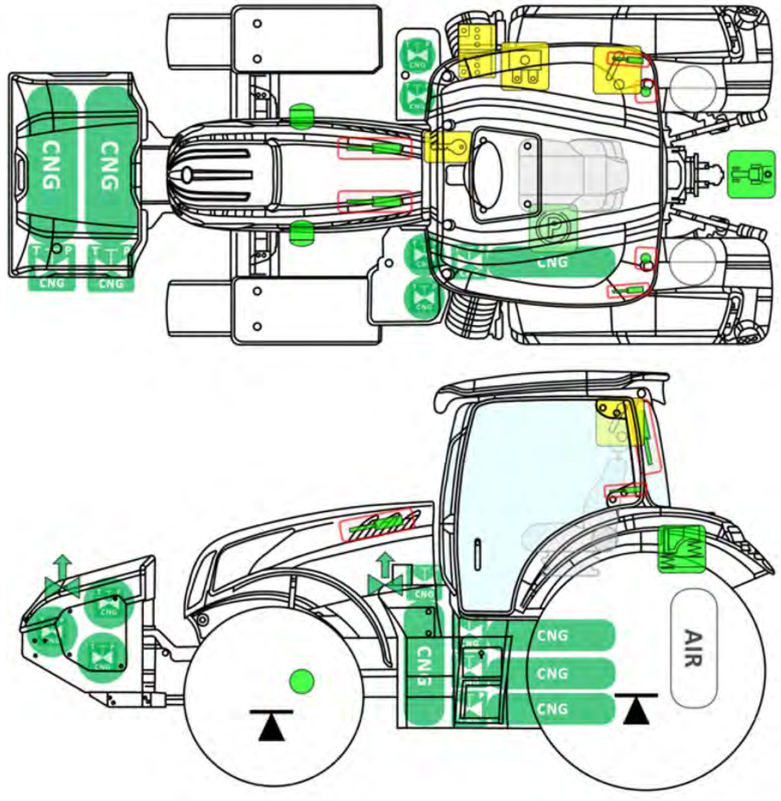
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Agricultural vehicles

New Holland T6 CNG

New Holland - T6 CNG - Base model - tractor - 2021-2024

ID: 108725 | Fuel type: CNG



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Construction vehicles

Limach E27.1 Electric

Mini excavator



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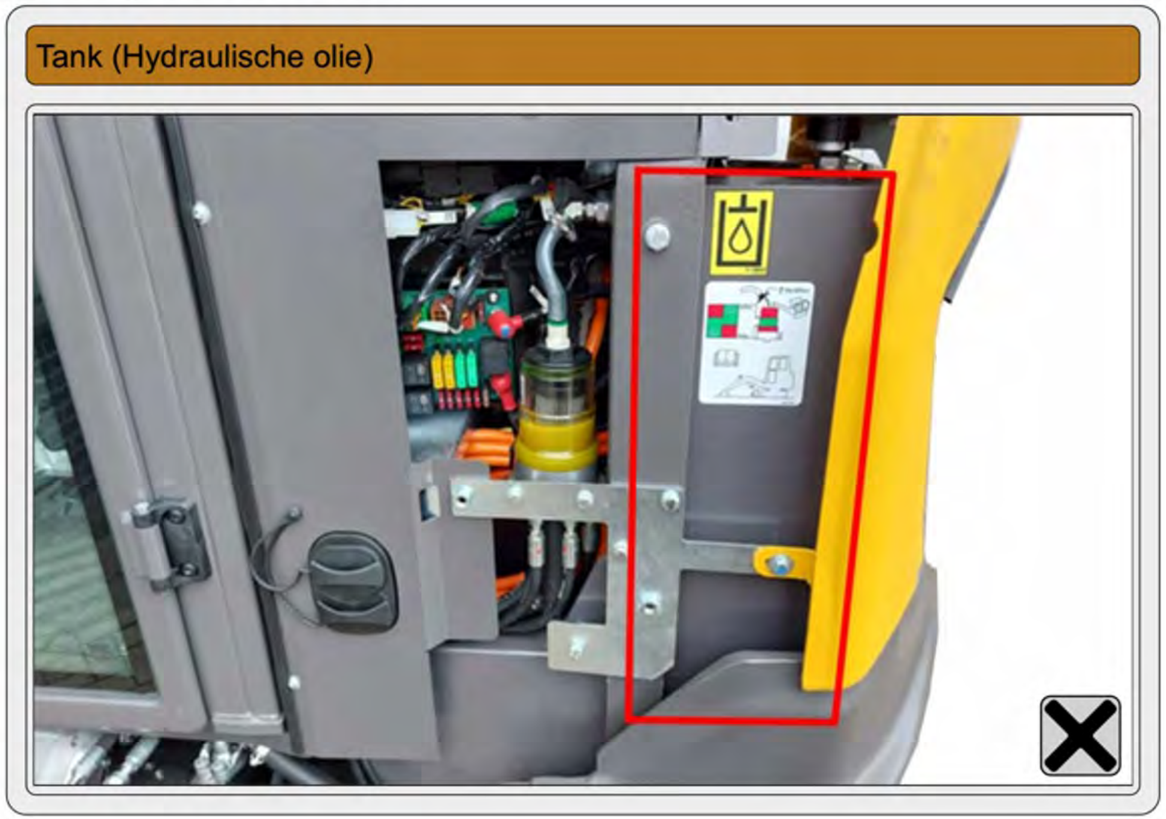
Construction vehicles

Limach E27.1 Electric

Mini excavator

Limach - E27.1 - Electric - mini excavator - 2020-2024

ID: 124507 | Fuel type: Electric



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Construction vehicles

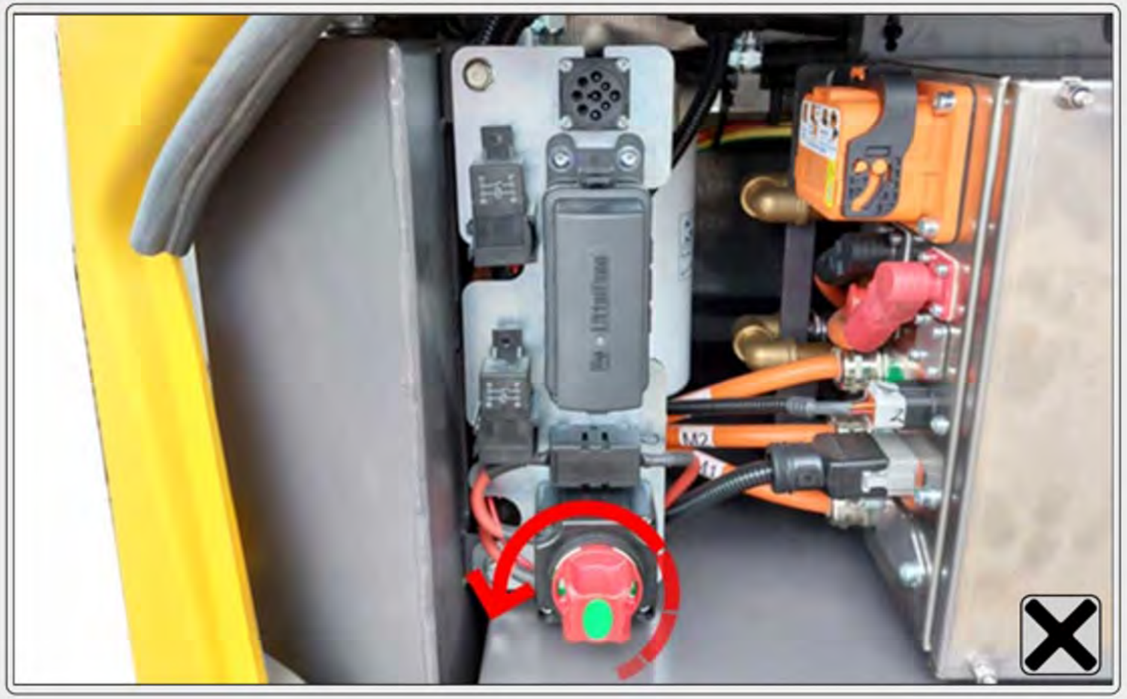
Limach E27.1 Electric

Mini excavator

Limach - E27.1 - Electric - mini excavator - 2020-2024

ID: 124507 | Fuel type: Electric

Service/emergency disconnect switch



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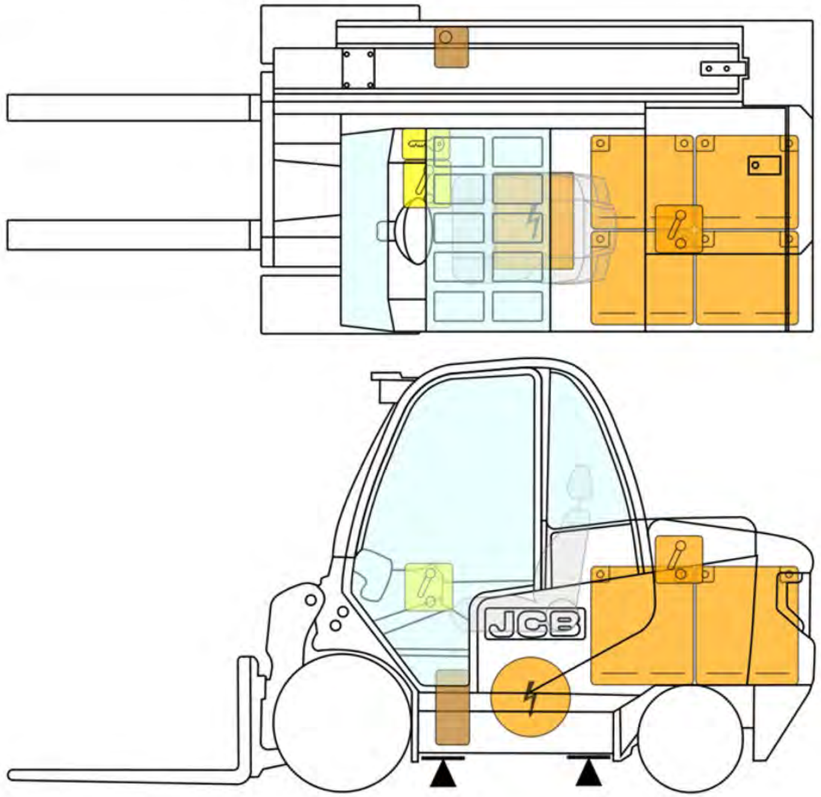
Construction vehicles

JCB Teletruk

Forklift

JCB - Teletruk - 35-22E - forklift - 2019-2024

ID: 126040 | Fuel type: Electric



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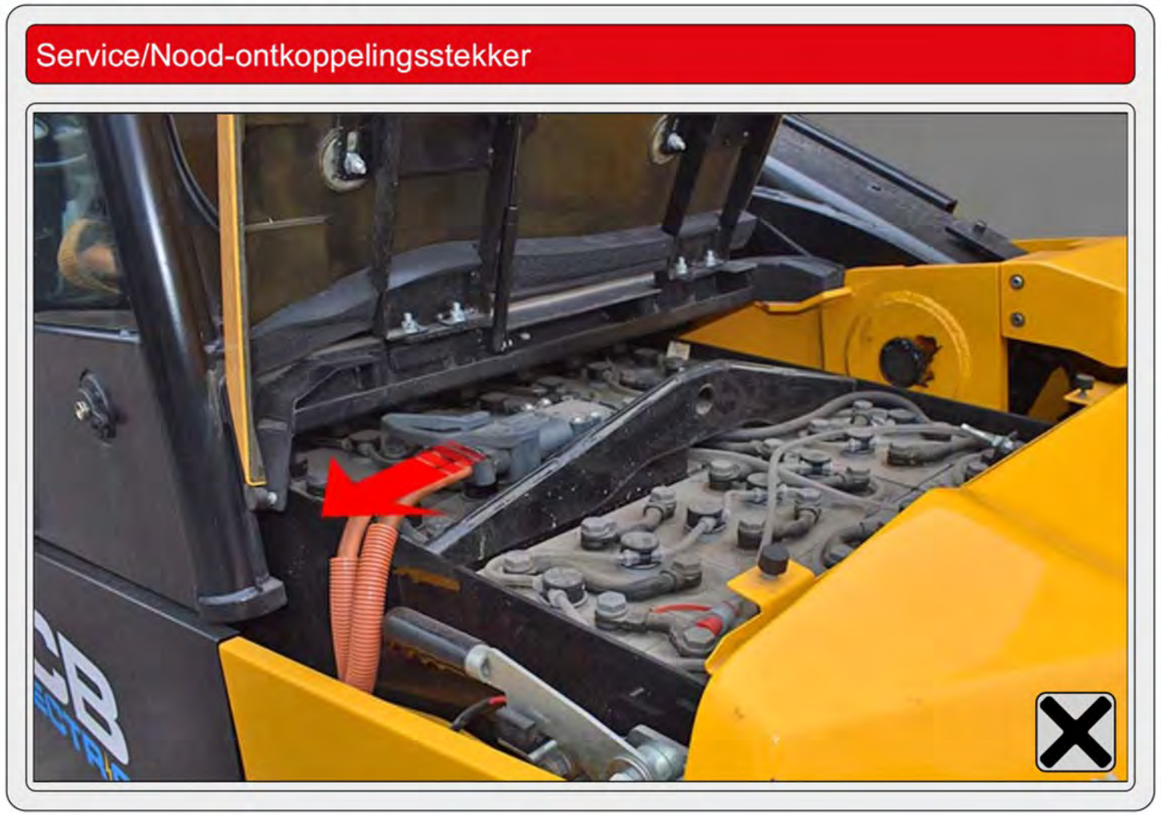
Construction vehicles

JCB Teletruk

Forklift

JCB - Teletruk - 35-22E - forklift - 2019-2024

ID: 126040 | Fuel type: Electric



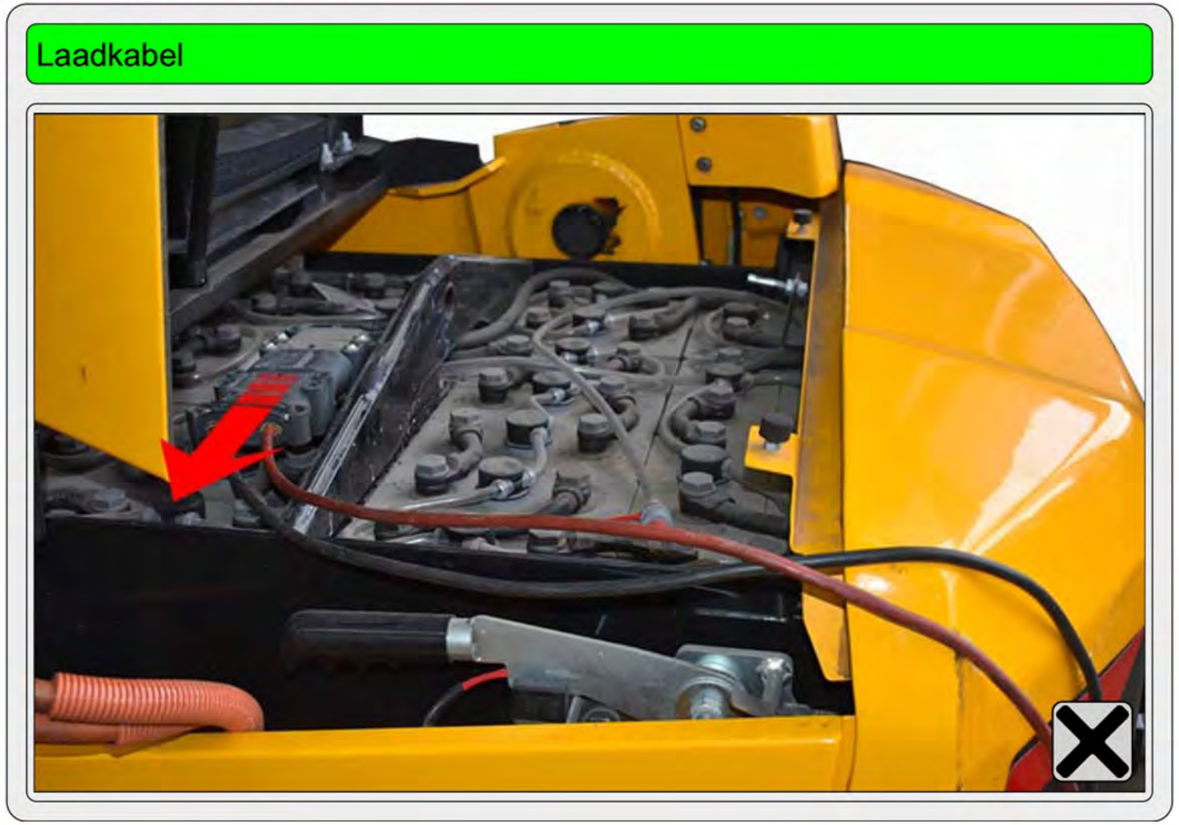
Construction vehicles

JCB Teletruk

Forklift

JCB - Teletruk - 35-22E - forklift - 2019-2024

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BLIKSUND CRS

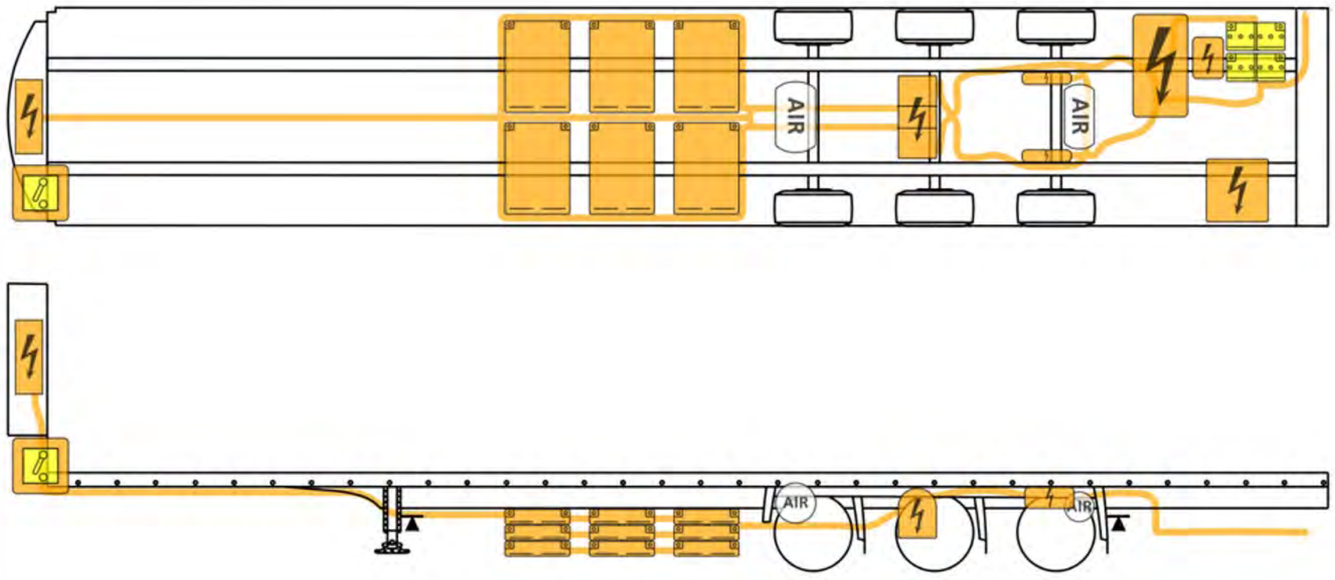
Trailers

Trailer Dynamics

Electric semi-trailer

Trailer Dynamics - eCoolLiner - Electric - semi-trailer - 2022-2024

ID: 125661 | Fuel type: Electric



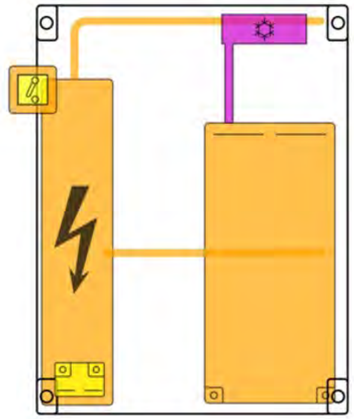
BLIKSUND CRS

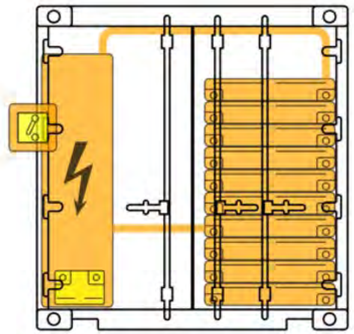
Energy storage systems

Energy storage systems

Greener - Greener Battery 422 (Alfen TheBattery Mobile 2B) - 422 kWh - 318 kVA - container - 2023-2024

ID: 122901 | Fuel type: Electric





BLIKSUND CRS



Energy storage systems

Energy storage systems

Greener - Greener Battery 422 (Alfen TheBattery Mobile 2B) - 422 kWh - 318 kVA - container - 2023-2024

ID: 122901 | Fuel type: Electric

Let op!

Standalone high-voltage power supply.

Lithium Ion (Li-Ion) battery pack.

Never open, cut or touch a high-voltage cable or high-voltage component.

Never damage the battery pack, even if the high-voltage circuit is switched off.

Access:
- Unlock and pull the handle to open the left door (see fig. 1).
- Pull the handles to open the right door (see fig. 2).

Emergency centre contact details:
+31 (0)20 244 0105, this number is available 24/7.

afb. 1 afb. 2

BLIKSUND CRS

Energy storage systems

Energy storage systems

Greener - Greener Battery 422 (Alfen TheBattery Mobile 2B) - 422 kWh - 318 kVA - container - 2023-2024

ID: 122901 | Fuel type: Electric

Nood-ontkoppelingsschakelaar

This component is part of the deactivation procedure (see deactivation).

Located on the control panel on the outside of the container.

To disconnect:
- Open the lid (see fig. 1).
- Press the button as indicated (see fig. 2).

The emergency stop does not switch off external power sources.

afb. 1 afb. 2

BLIKSUND CRS

Energy storage systems

QR codes



Hitachi ZX85-6EB Excavator



Ebusco 2.2 Multibus De Lijn



MAN Lions City-e 18M

BLIKSUND CRS

A look into the future

Flying vehicles













BLIKSUND CRS

Skoda Octavia / Chevrolet Spark

1. The vehicle is parked; use markers to indicate where energy is stored:

2. Draw lines showing where the energy flows when the ignition is switched on and the car is started:

3. Do the airbags and seat belt pretensioners become live?

Skoda Octavia / Chevrolet Spark

4. What are the consequences of triggering the airbags and seat belt pretensioners?

5. Do the airbags and seat belt pretensioners become live?

6. What are the consequences of triggering the airbags and seat belt pretensioners?

Skoda Octavia / Chevrolet Spark

7. Circle all parts that may pose a hazard in a fire:

8. How can you stop an LPG / CNG leak if the car is leaking?

Toyota Prius / Hyundai iX 35

1. Vehicle is started; colour in everything that becomes active and where energy flows:

2. This car has a frontal collision; mark which systems are triggered:

3. This car has a side collision; mark which systems are triggered.

Toyota Prius / Hyundai iX 35

4. **What does the SRS system switch off? Draw the situation as the vehicle will be after the crash:**

5. **Circle what poses risks in a car fire with these vehicles and describe how to deal with them?**