

BLIKSUND

Crash Recovery System

Certified Instructor Program 2022

BLIKSUND CRS

CERTIFIED INSTRUCTOR PROGRAM 2022 - 2023

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

- Name and use the latest changes of and in the CRS system
- Apply the CRS system in further training activities for the remaining professional cycle of their own organization and colleagues
- Apply current knowledge about safety systems constructions and drive systems in vehicles in daily practice.

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PROGRAM
CIP 2022 -2023

1. Introduce and learning questions
2. Updates CRS system
3. Added vehicles
4. Operate CRS
5. Case
6. Vehicle developments
7. Practical assignment: Story Tell
8. Practice safely
9. Practical assignment:
    1. CRS Magnet Plates
    2. VR App
10. Evaluation



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INTRODUCE AND LEARNING QUESTIONS

What specific questions are there about using the

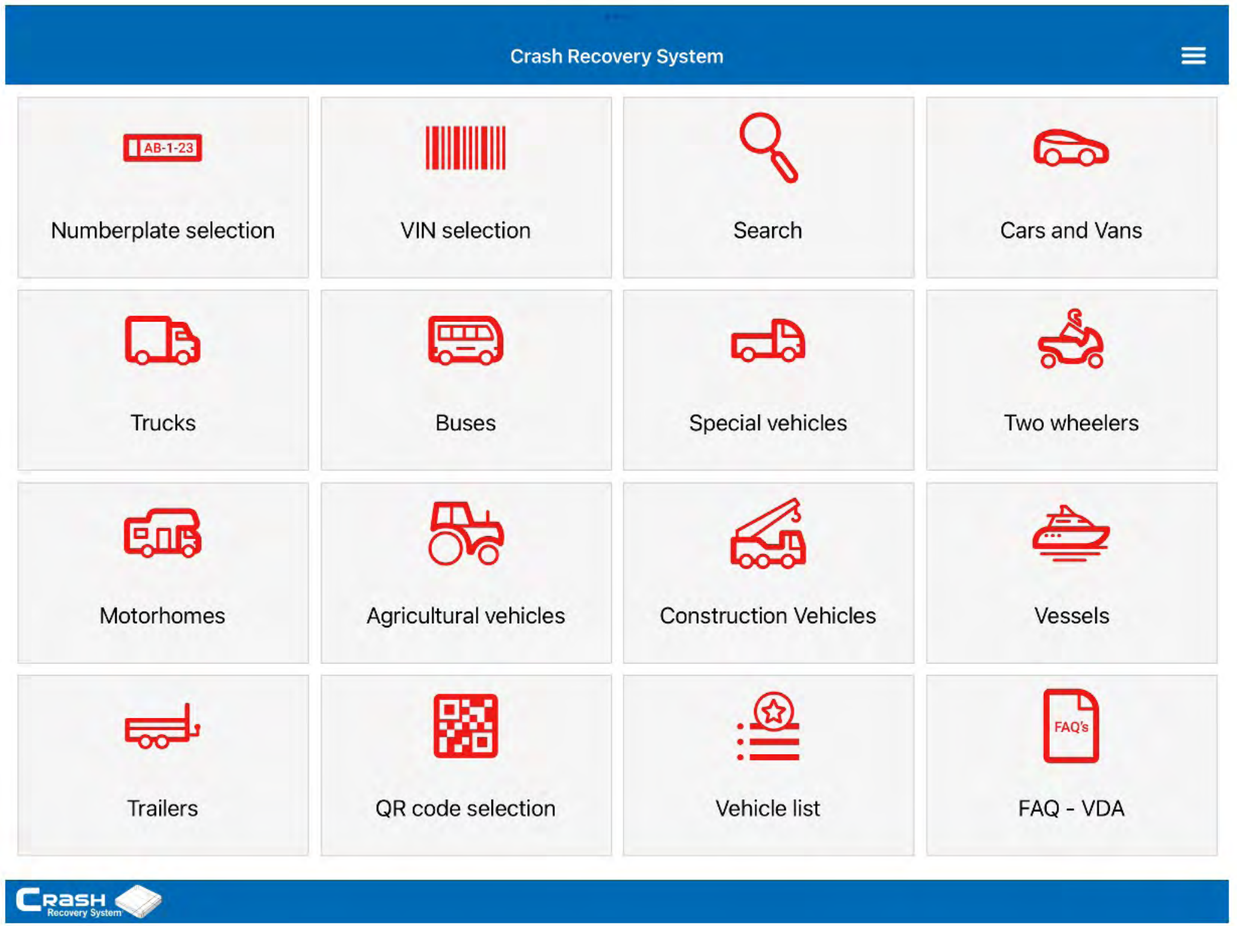
Crash Recovery System?





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UPDATES
CRS SYSTEM



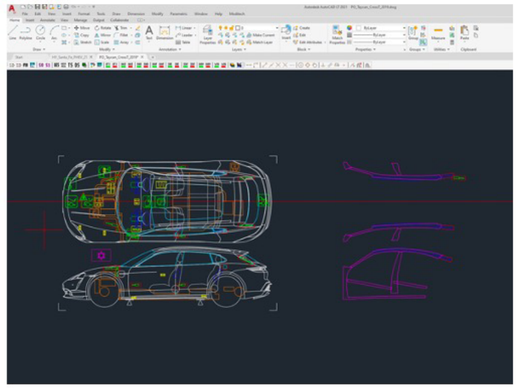
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A GLIMPSE BEHIND THE SCENES

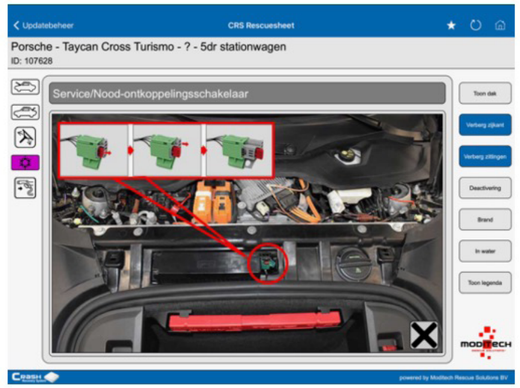
After collecting all relevant safety information about the vehicle for the emergency services, we can start drawing the model in AutoCad. The contours of the top and side views of the vehicle are plotted. Then, layer by layer, the components are added in the correct location.

Photos are taken of the vehicle, which in almost all cases is physically present on-site, to provide information about the various components with supporting photographic material.

The information, the drawings and the photographic material are finally collected into one interactive Rescusheet as you know it. The CRS-ID for the Rescue Sheet is linked to a registration number, chassis number and QR code so that the vehicle can be searched for in several ways in the Crash Recovery System. Now that the Rescuesheet is ready, it will be included in the next CRS database.





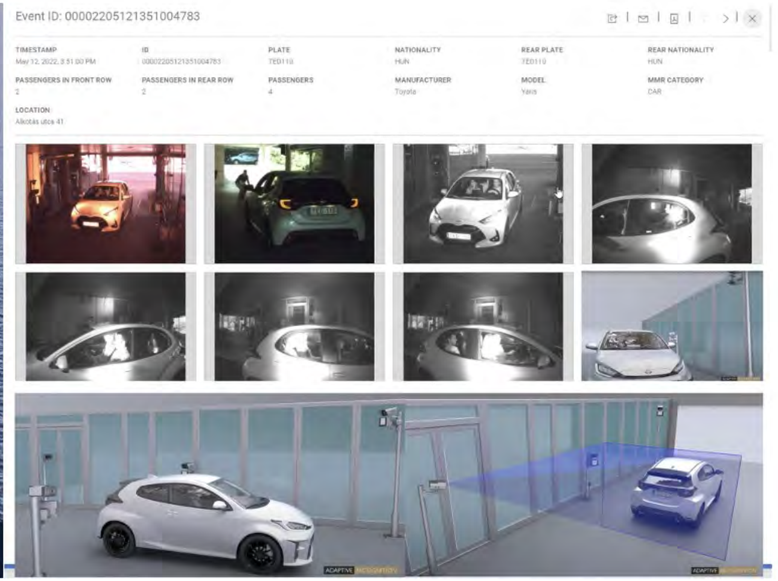


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CRS SMARTPORT EDITION

With the CRS SmartPort Edition, the port and vessel crew can request the correct information about the vehicle in advance via the numberplate or manually via make, model and type.





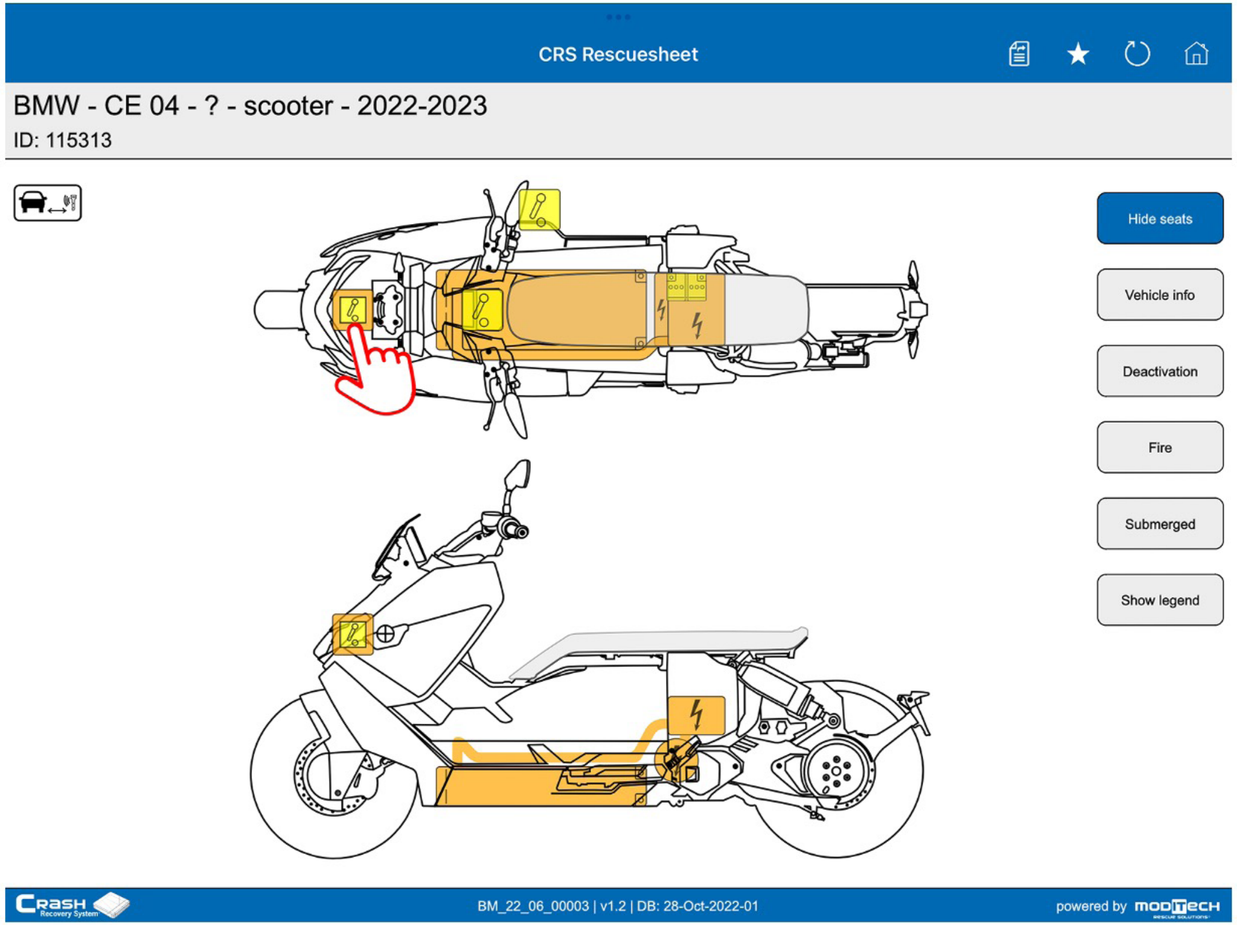
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SPECIAL VEHICLES



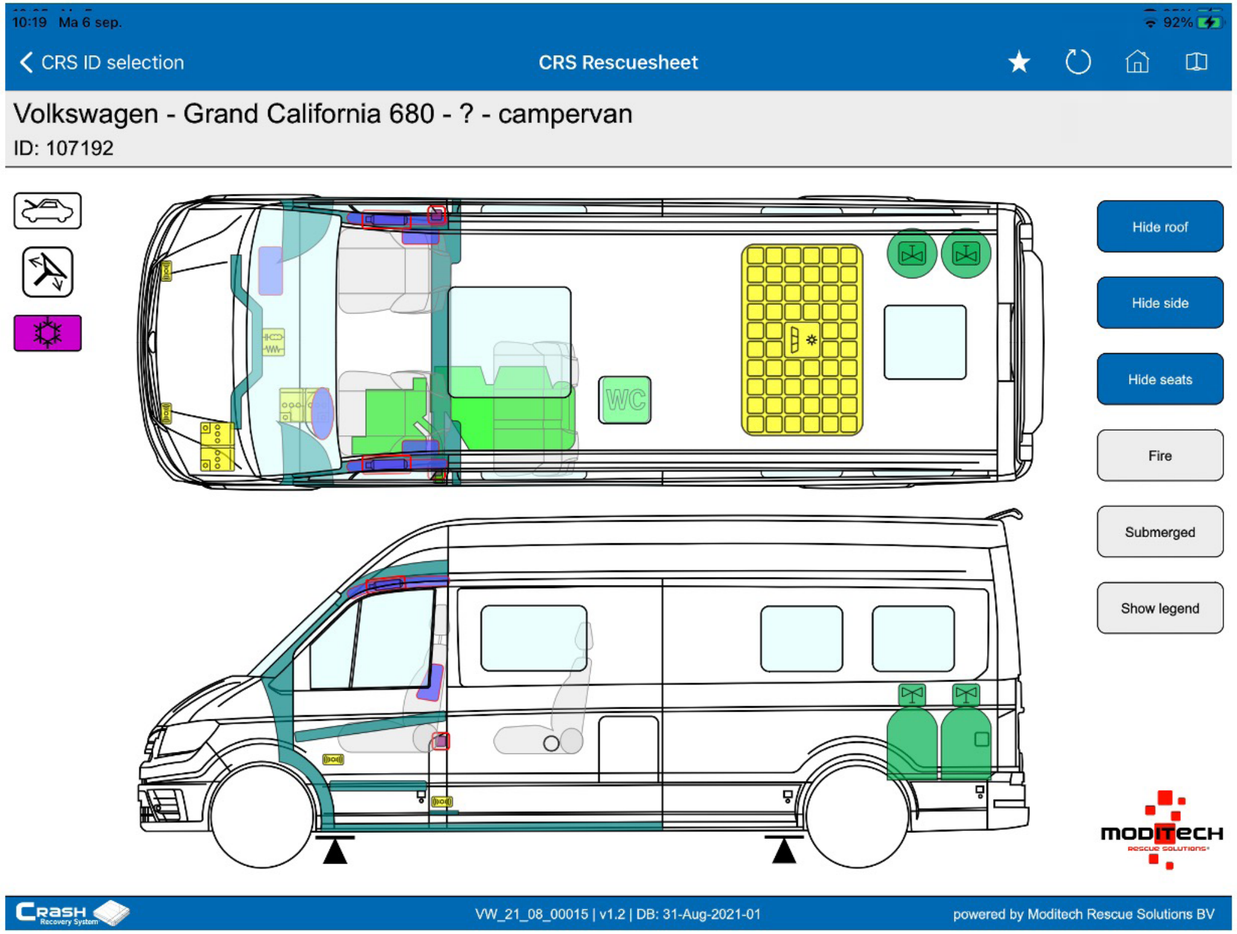
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TWO-WHEELERS



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MOTOR HOMES



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AGRICULTURAL VEHICLES



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AGRICULTURAL VEHICLES



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AGRICULTURAL VEHICLES

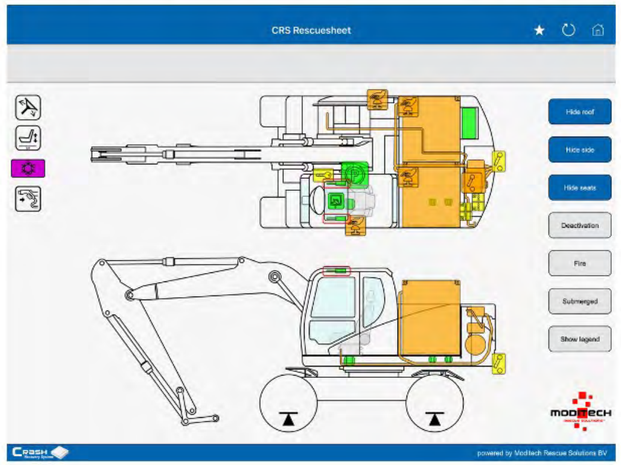


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CONSTRUCTION VEHICLES



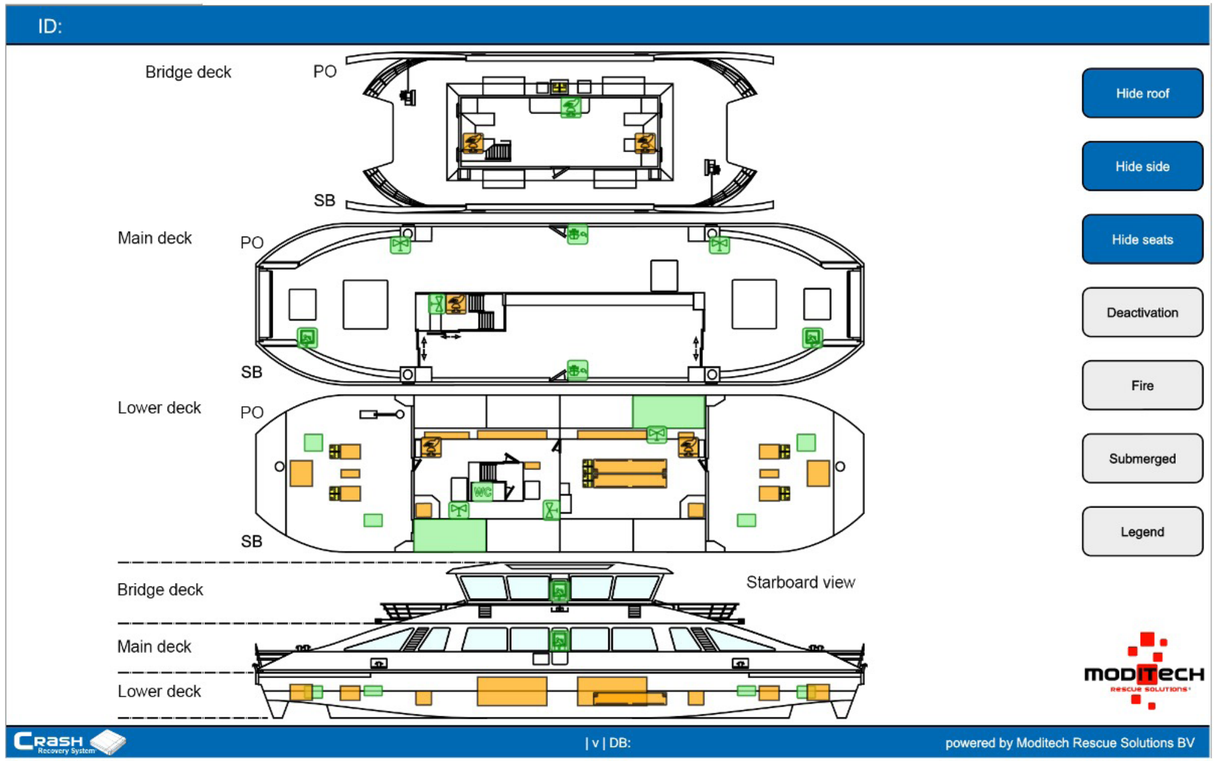






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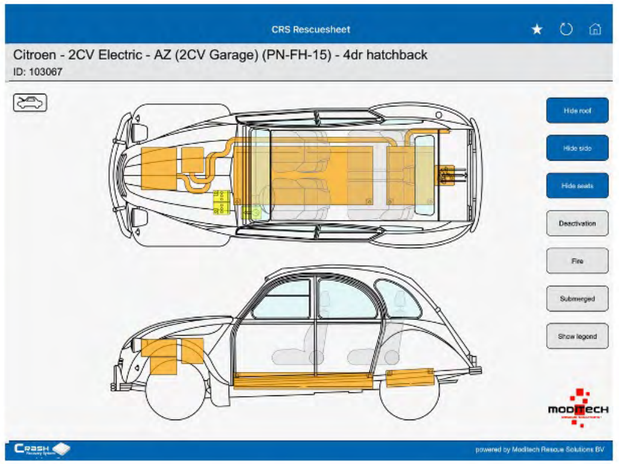
VESSELS



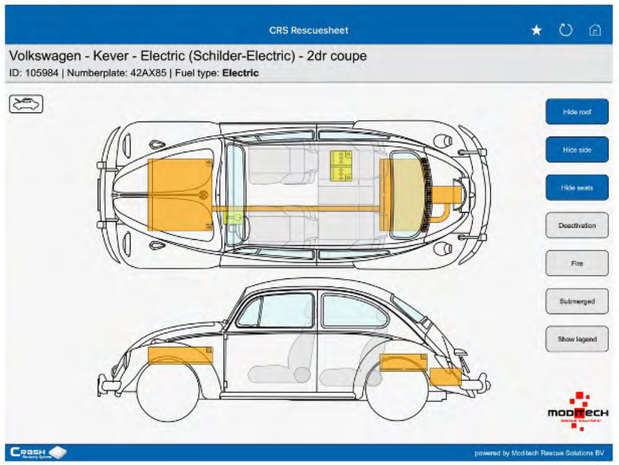
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ELECTRIC CLASSIC CARS IN THE CRS









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INNOVATIVE ELECTRIC CITY BUS EBUSCO 3.0







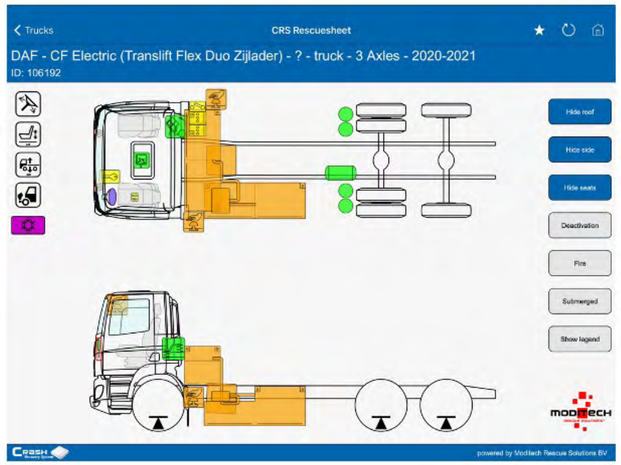


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DAF CF ELECTRIC







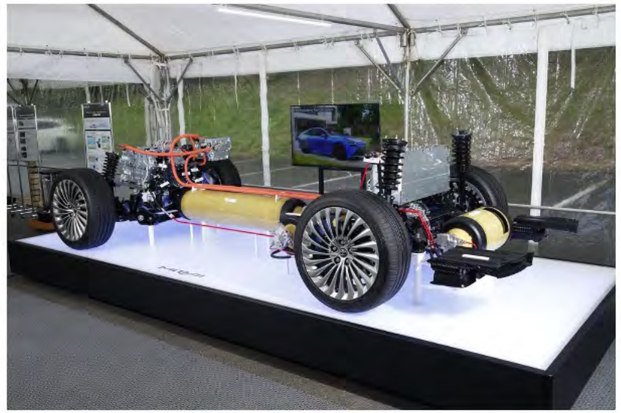


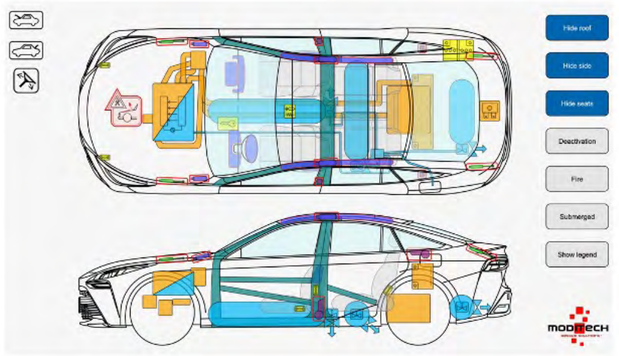
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HYDROGEN VEHICLES



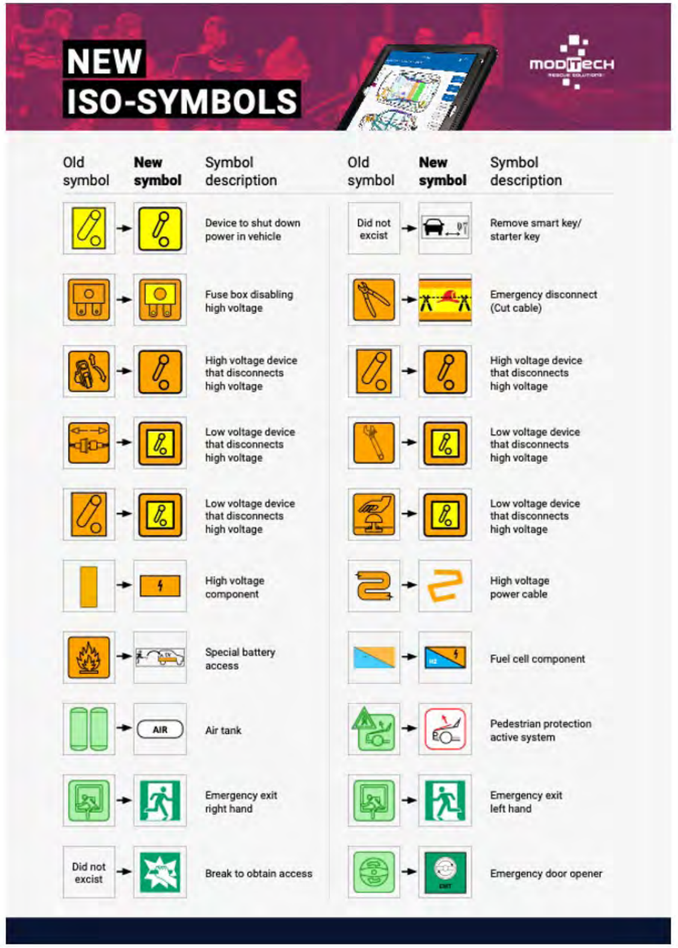


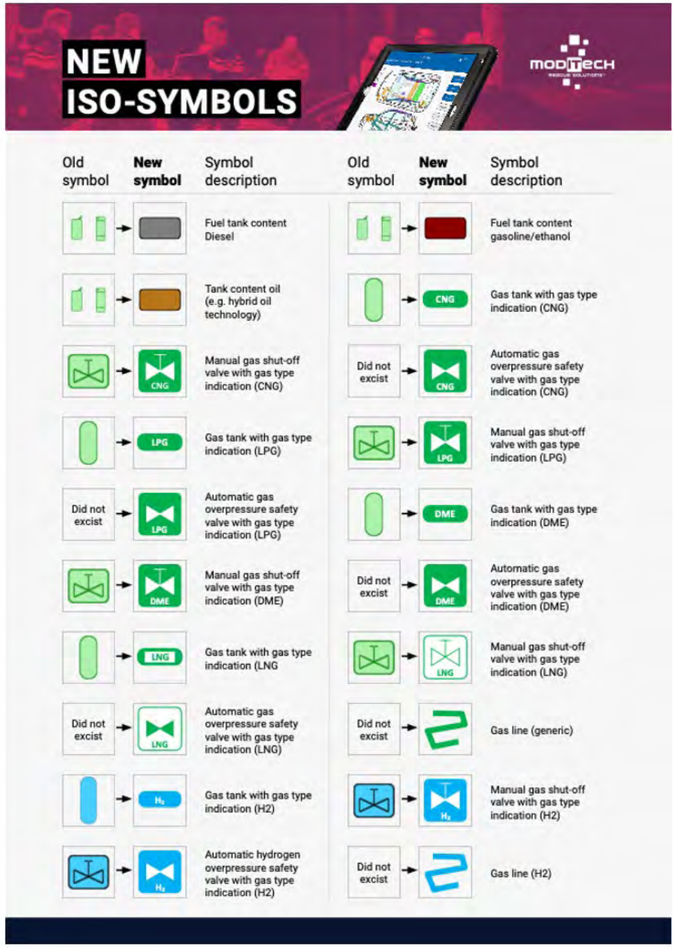




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ISO-17840 NEW SYMBOLS



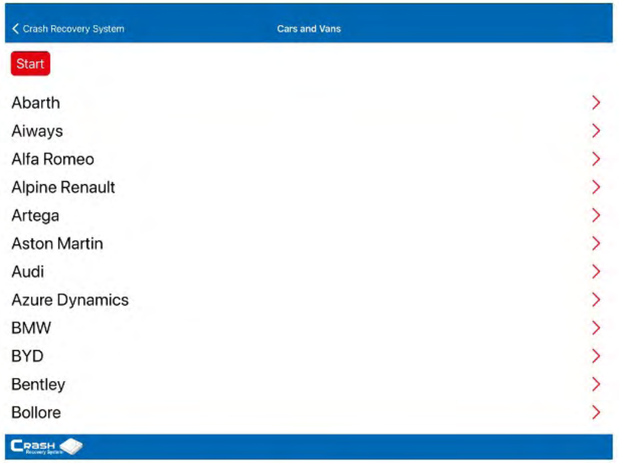


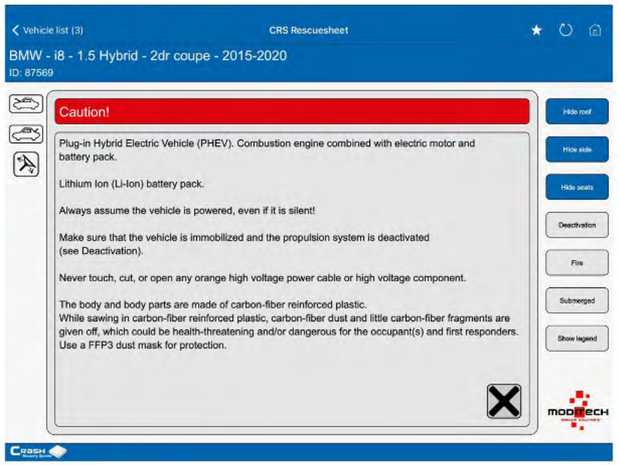
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MANUAL SELECTION PROCEDURE



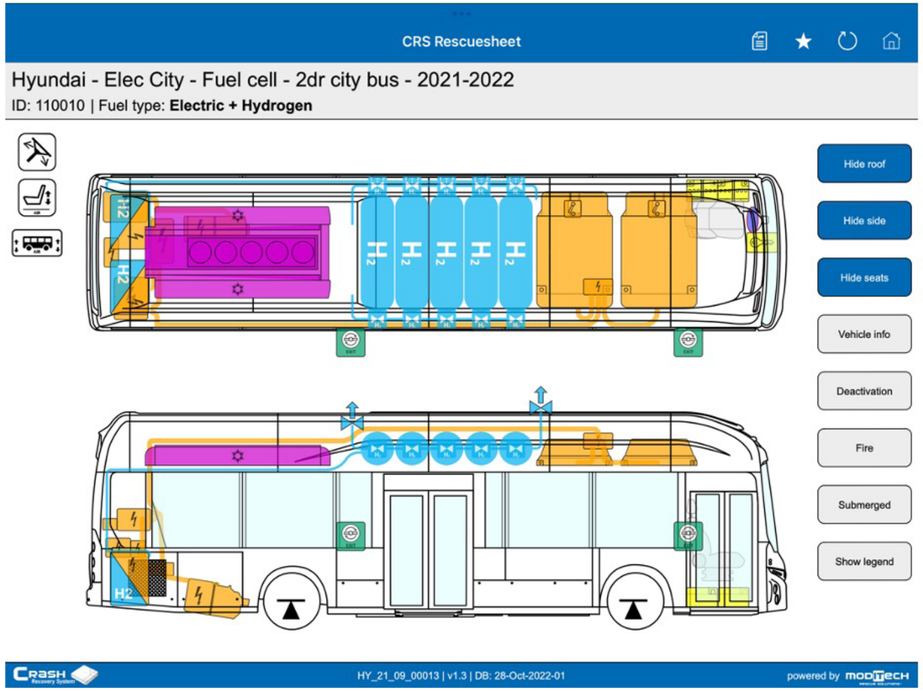


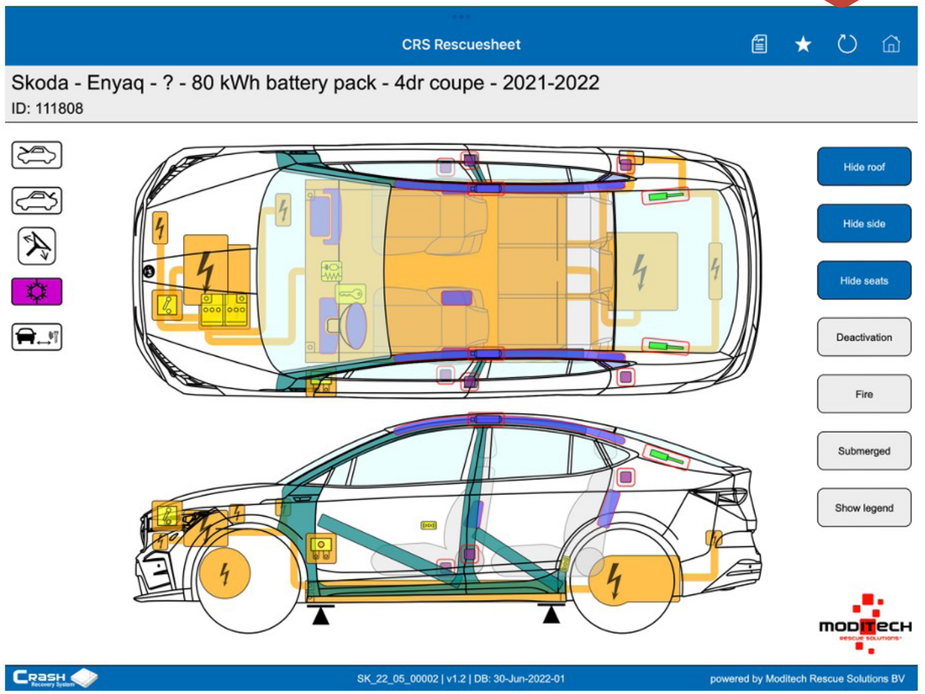




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AIRCO LOCATIONS



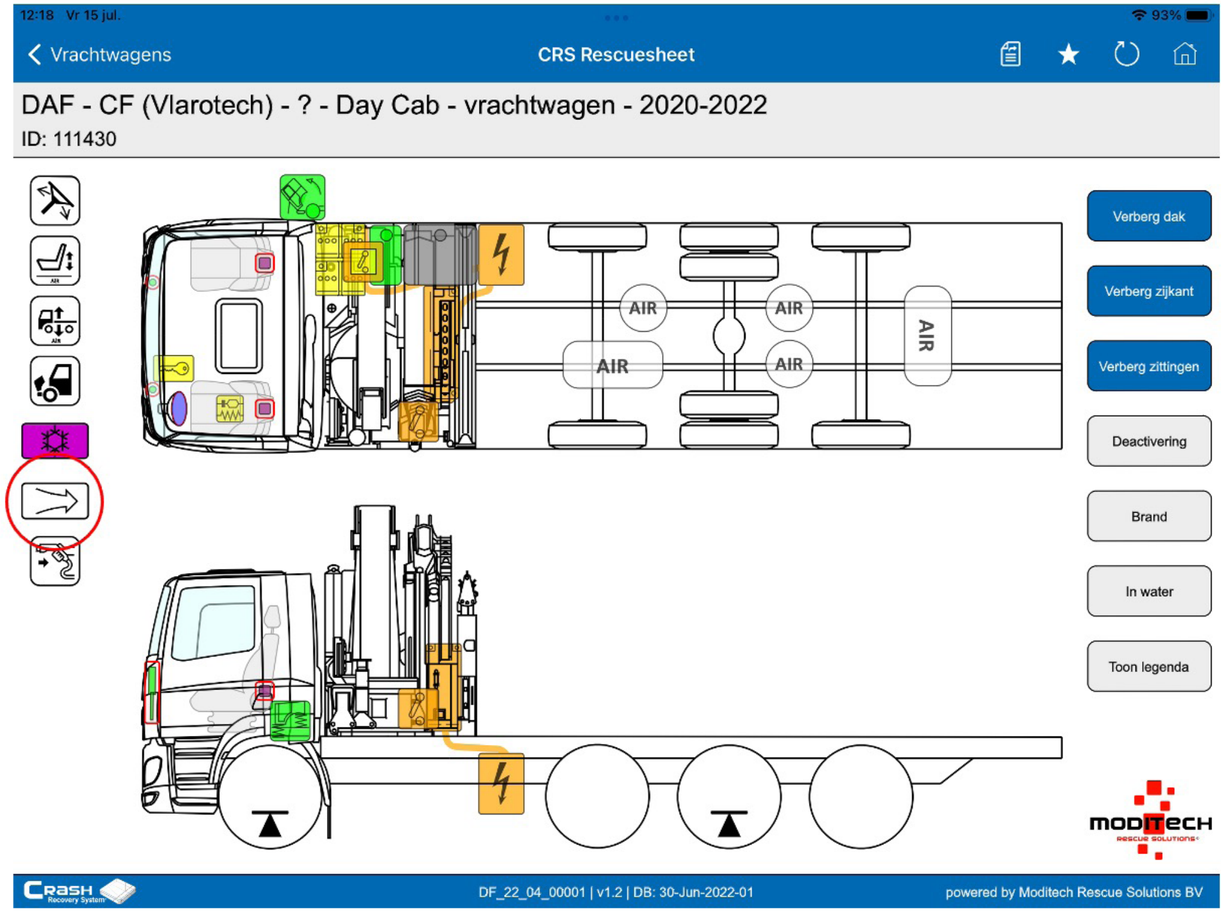


LIQUIDS

Vehicle	Fuel	Coolant	Motor oil	Refrigerant	AdBlue
MB Actros	290-1500 L	25 L	43 L	R134a 900 gr	30-75 L
VDL Citea	350 L	45 L	19,5 L	R134a 4900 gr	25 L
Audi Q7 E-tron	75 L	6.1 L	13 L	R1234yf 835 ±15 gr	24,0 L
Volvo XC40 Recharge	48 L	5,2 L	-	R1234yf 480 ±20 gr	(14,5 L)
BMW X7 M5.0i	83 L	13,6 L	10,5 L	R1234yf 550/800 ±10 gr	(21,5 L)
John Deere	463-513 L	41 L	18 L	-	26,2 L
HD Livewire	-	0,72	0,32 transmission	-	-

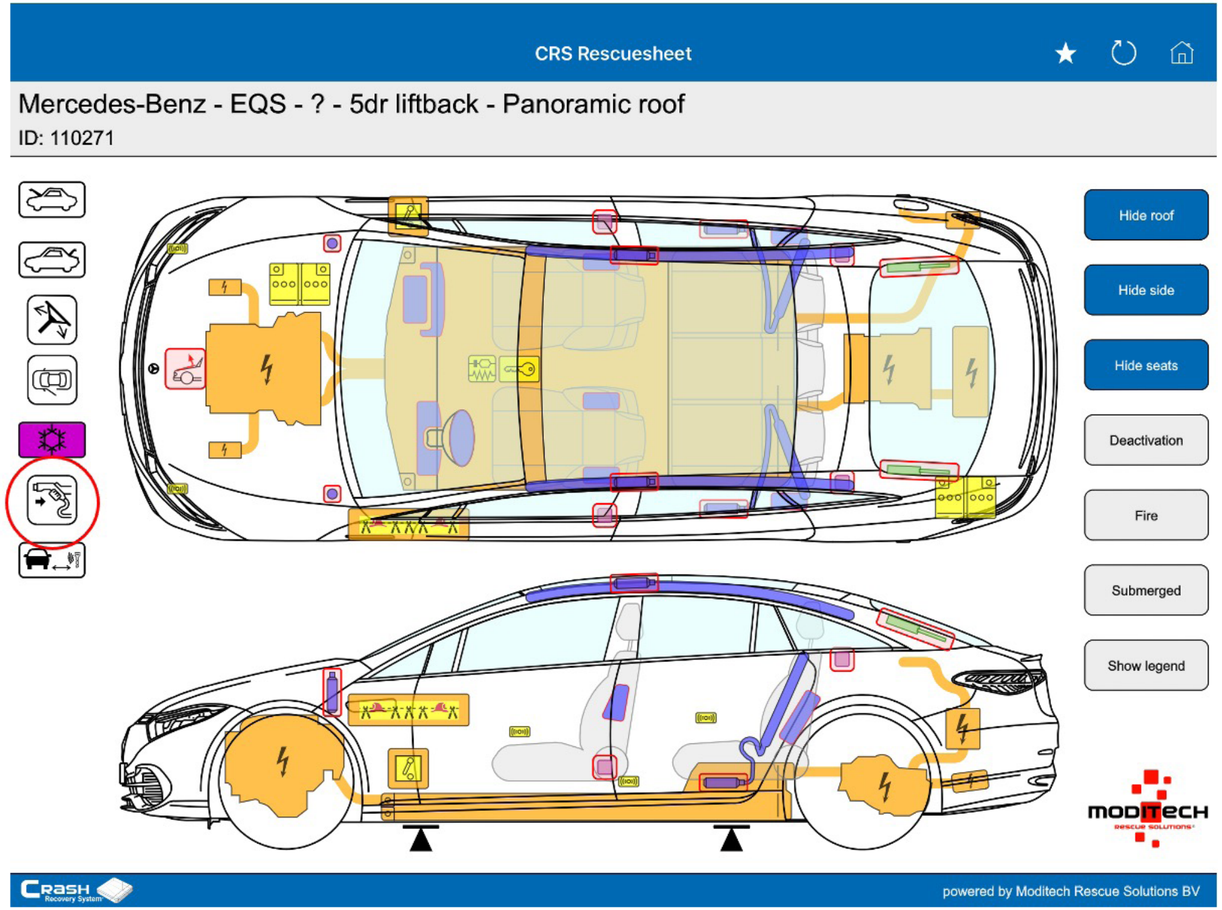
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AIR INTAKE



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CHARGE CABLE CONNECTION



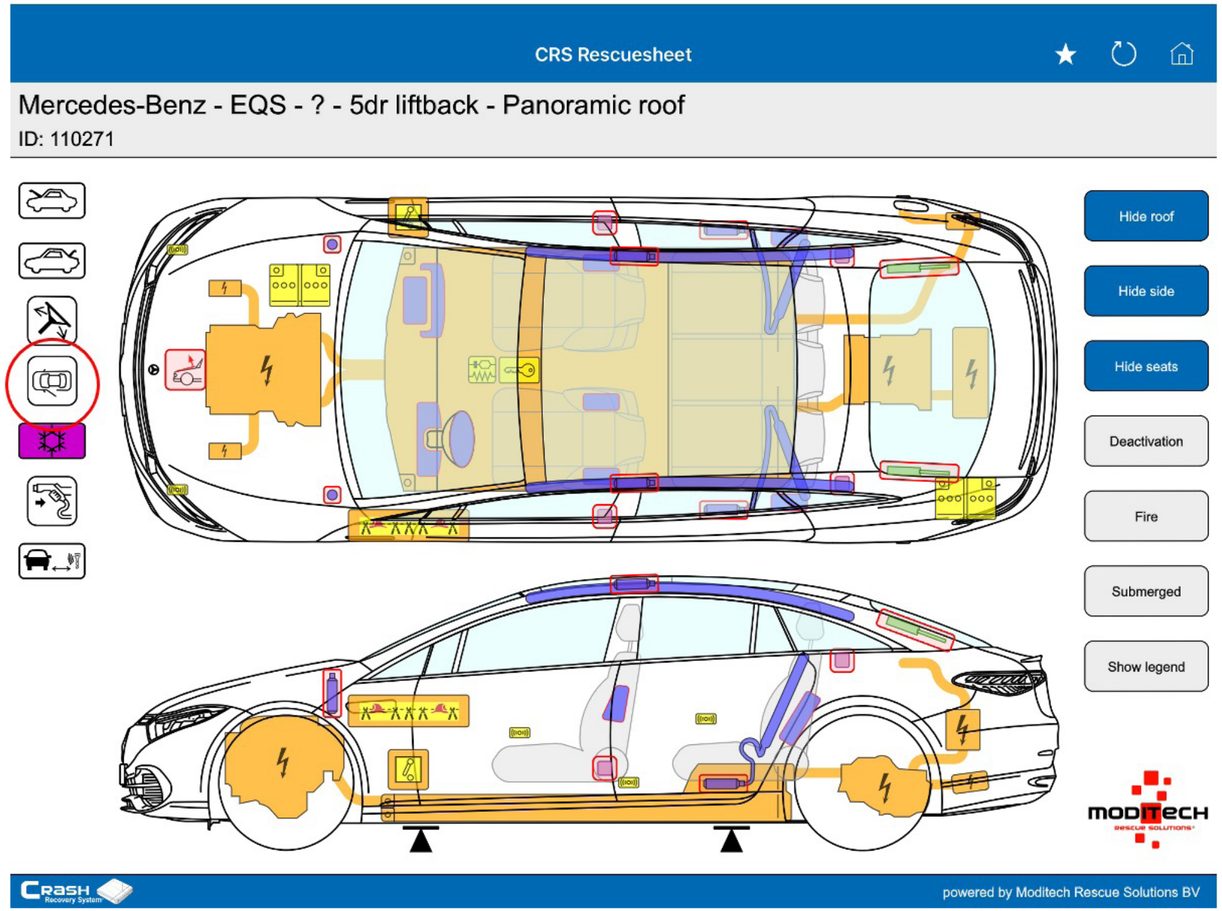
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CHARGE CABLE CONNECTION



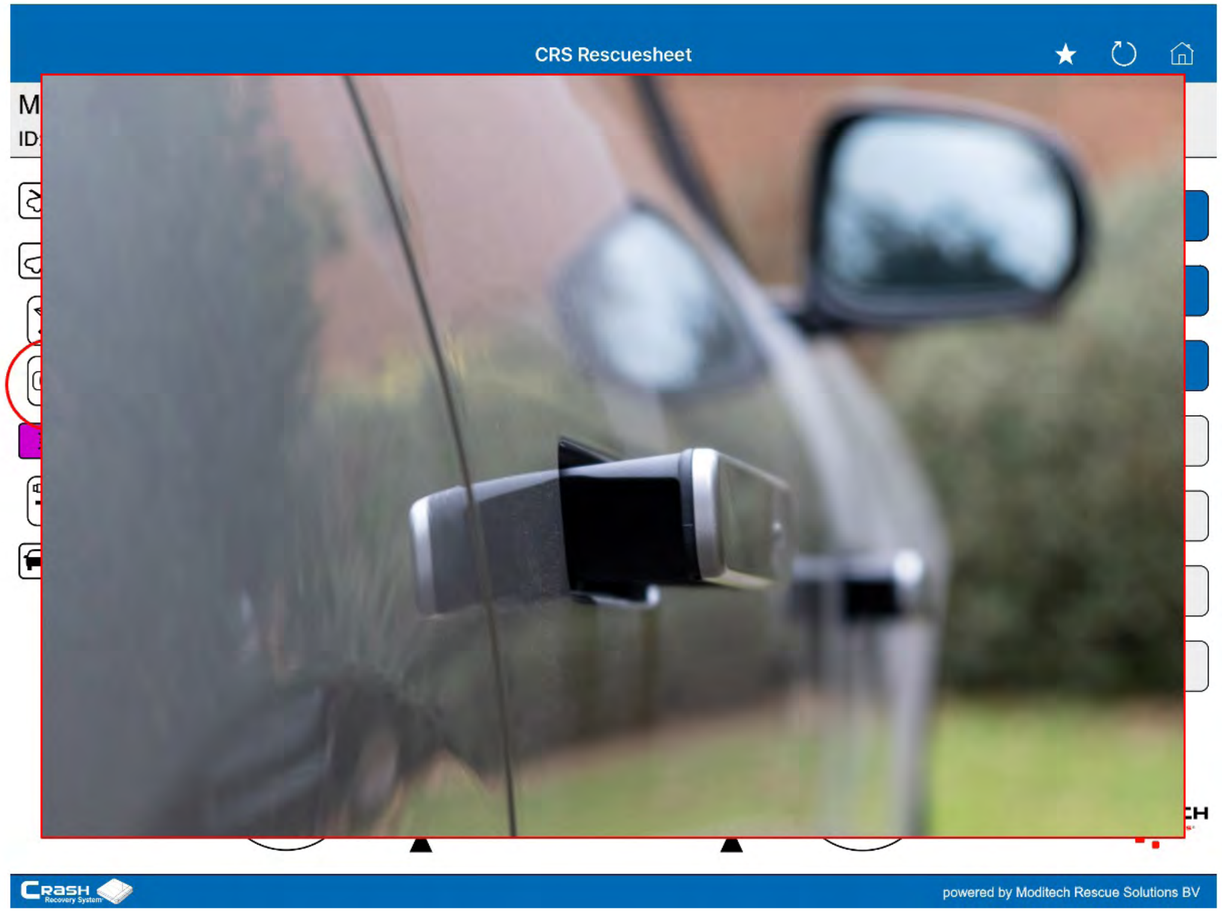
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ELECTRIC DOOR HANDLES



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ELECTRIC DOOR HANDLES



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PANORAMIC ROOF NISSAN ARIYA

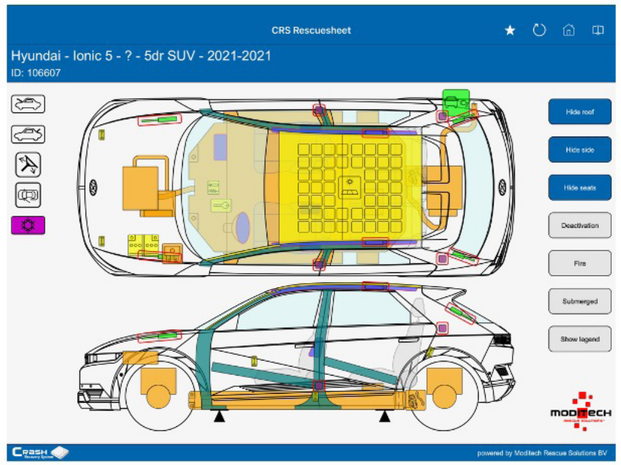


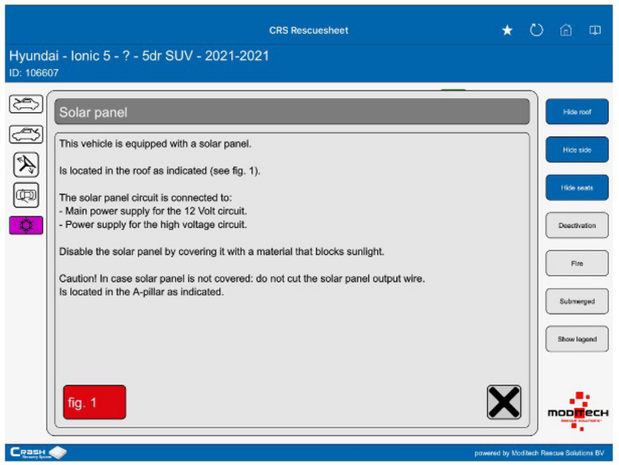
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VEHICLE SELECTION BASED ON SOLAR ROOF









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CASUS ACCIDENT

Off course passenger car drives diesel tank of truck open

An Opel Ampera passenger car and a lorry combination collided.

Due to an unknown cause, the Opel Ampera ended up on the wrong side of the road. The truck driver saw this happen and pulled out all the stops to avoid a head-on collision with the oncoming car. As a result, the truck hit the car not head-on but with the left side, hitting the front wheel, the diesel tank and also the rear wheel full.

The Ampera lost its left front wheel due to the confrontation, became uncontrollable and came to a stop on the verge. The driver was helped out of her electric vehicle by the fire brigade and was examined by ambulance personnel.

A second ambulance, which had also been called for the incident, returned to the station without success. The check revealed that the woman had not sustained any injuries and the driver was also unhurt.

From the opened diesel tank of the truck, hundreds of litres of diesel oil flowed onto the road surface. The driver of a Skoda, driving behind the woman in the Ampera, could no longer avoid the broken front wheel of the car and drove over it, causing so much damage that further driving was impossible.

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CASUS ACCIDENT



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CASUS ACCIDENT



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CASUS ACCIDENT PHEV



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CASUS CABRIO



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CASUS SUBMERGED CAR



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CASUS SUBMERGED CAR



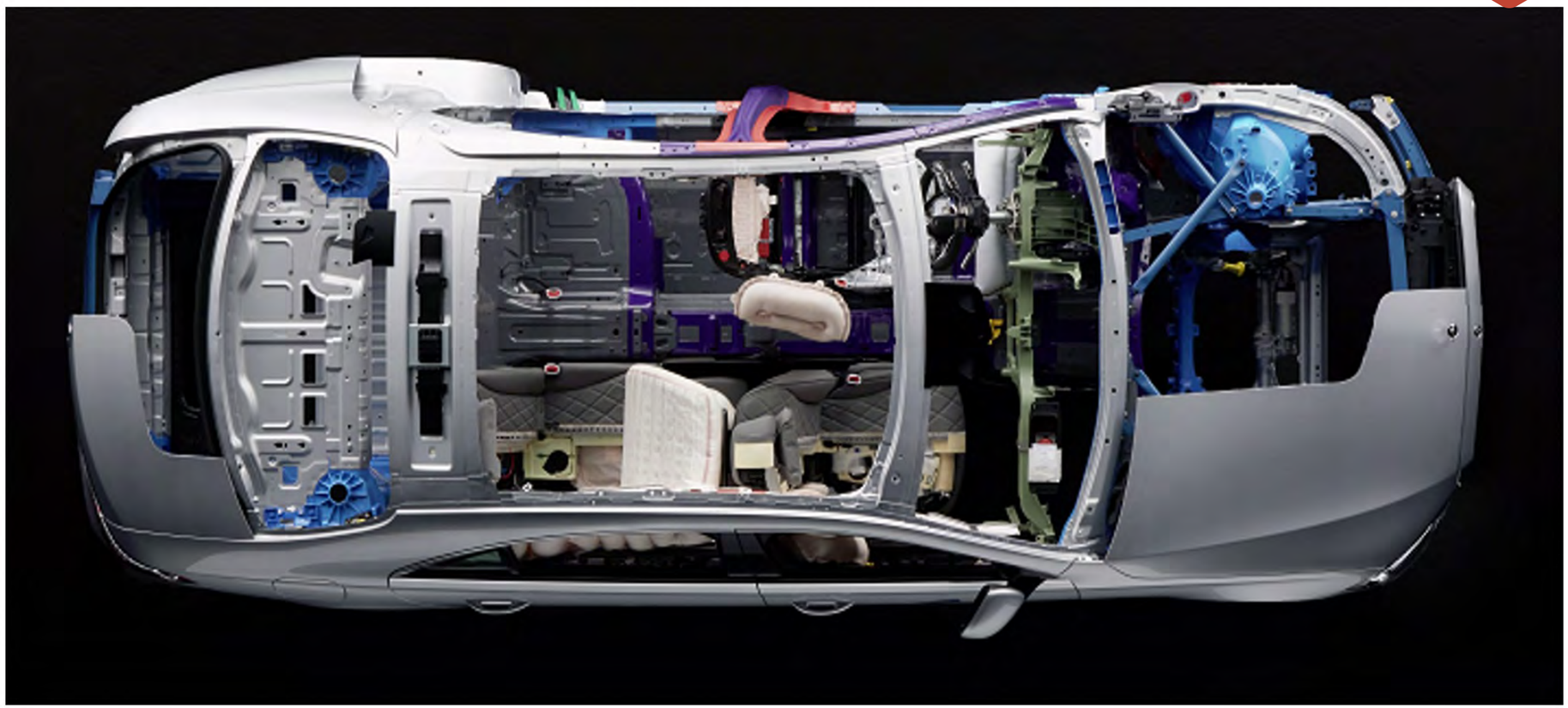
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ELECTRIC CRANE



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AIRBAGS



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PASSENGER AIRBAGS

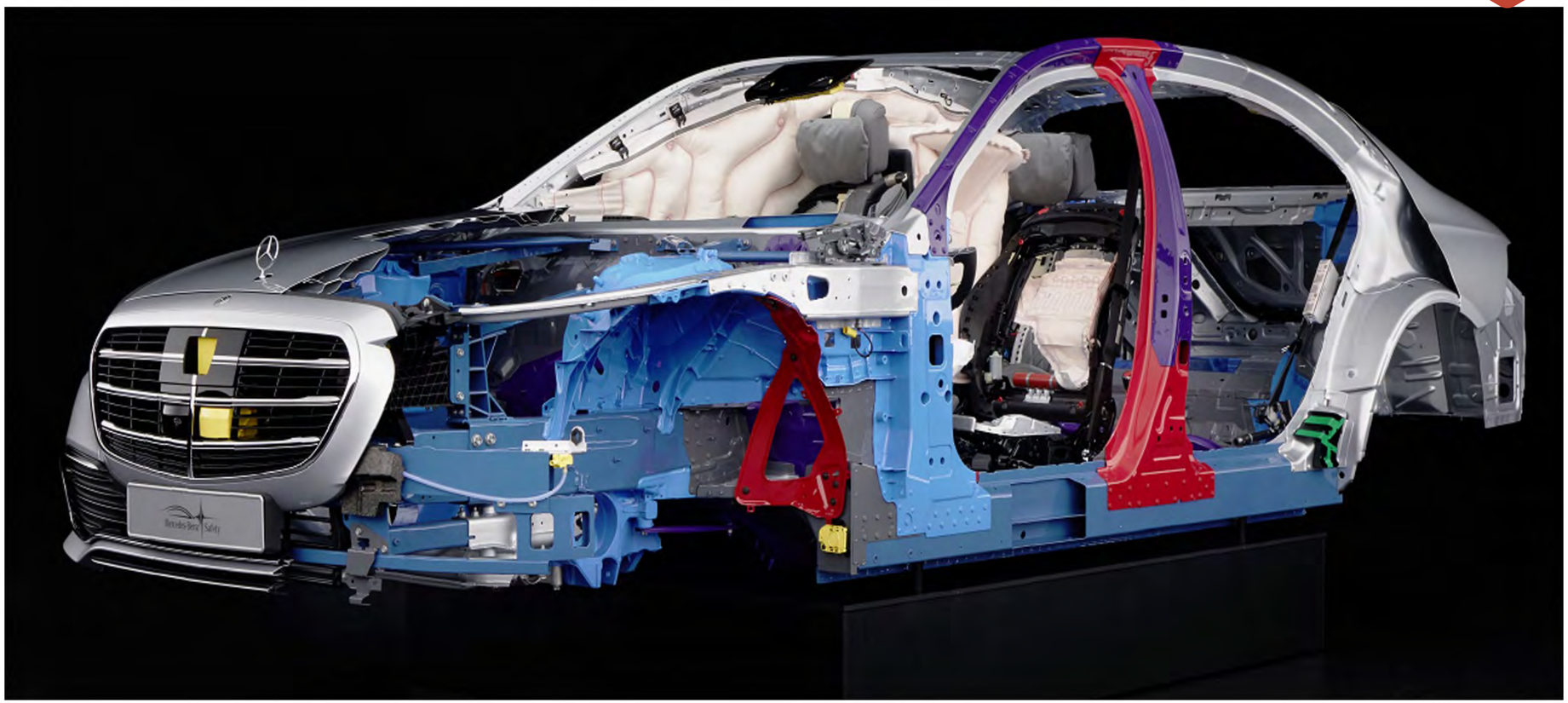






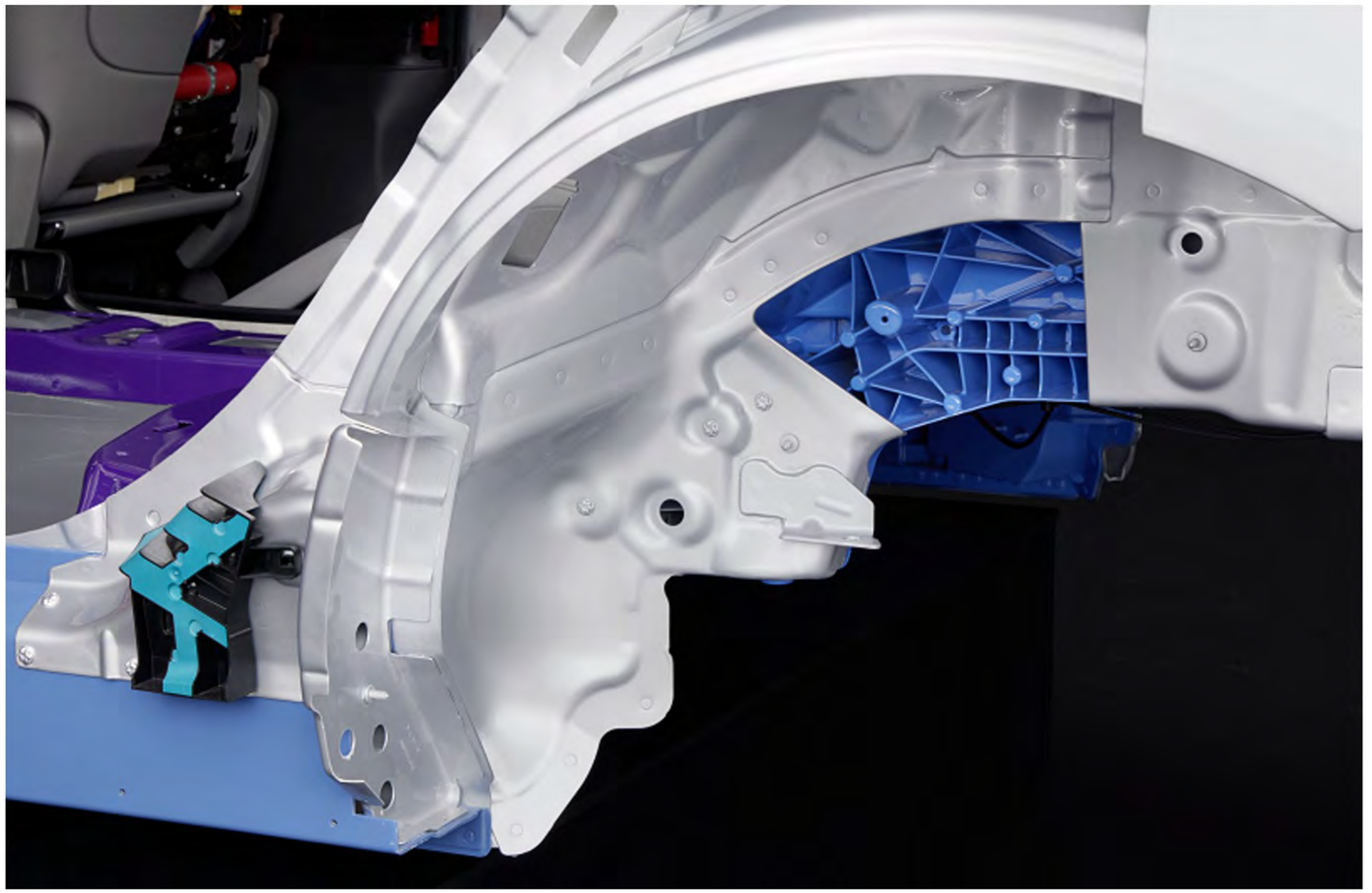
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VEHICLE DEVELOPMENTS



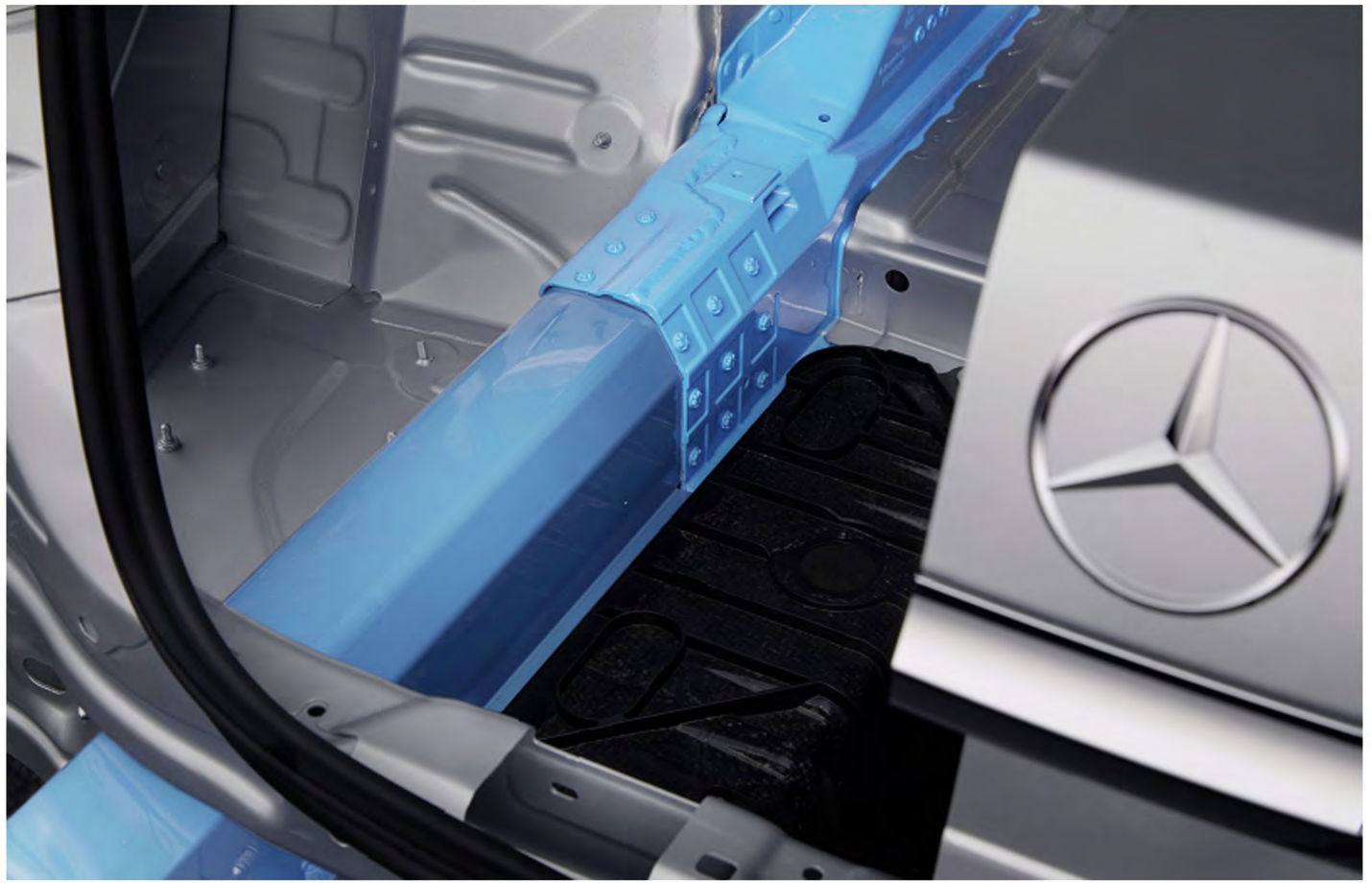
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VEHICLE DEVELOPMENTS



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VEHICLE DEVELOPMENTS



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VEHICLE DEVELOPMENTS



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VEHICLE DEVELOPMENTS







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THE FUTURE?
E-HIGHWAY





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THE FUTURE?
DRIVING ON AIR



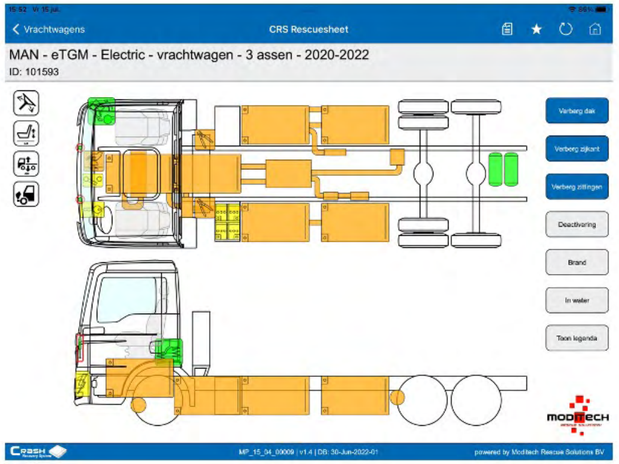
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DEVELOPMENTS CONTINUE ...









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QUESTIONS?



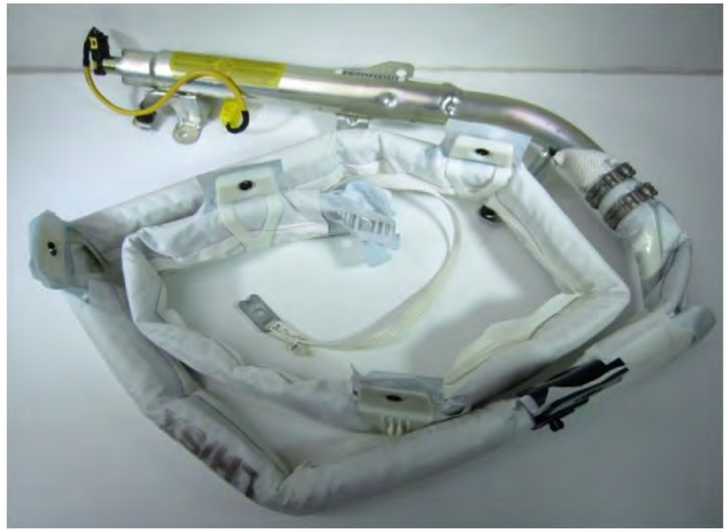
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PRACTICAL ASSIGNMENT









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BRAKE



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AFTERNOON PROGRAM

- Safe practice
- Practical assignment:
    1. CRS-Magnetic Plates
    2. VR-App
- Evaluation



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SAFE PRACTICE



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SAFE PRACTICE



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SAFE PRACTICE



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MODITECH VR APP







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PRACTICAL ASSIGNMENT SYMBOLS

