

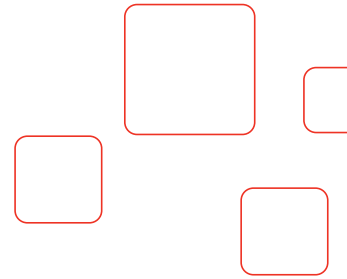
User Manual Crash Recovery System



Mobile versions
Android and iOS



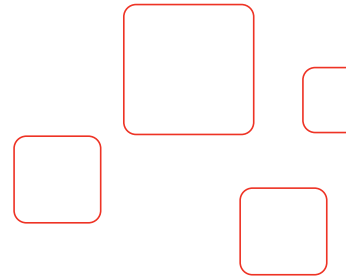
Contents



3	CHAPTER 1: INTRODUCTION
4	CHAPTER 2: INSTALLATION
5	CHAPTER 3: SETTINGS
5	Opening screen
7	CRS Management
14	CHAPTER 4: OPERATING INSTRUCTIONS
14	Manual vehicle selection
17	Selection procedure with number plate search
19	Selection procedure with chassis number
20	Selection procedure with CRS ID
21	Selection procedure with OEM ID
23	Selection procedure with QR code
24	Vehicle list management
26	Questions & answers - VDA
27	CHAPTER 5: EXPLANATION OF CRS RESCUESHEET
32	CHAPTER 6: ROAD ASSIST EDITION
33	CHAPTER 7: OVERVIEW OF COMPONENTS
40	CHAPTER 8: DEMO MODE
42	CHAPTER 9: KNOWLEDGE BASE SERVICE
46	CHAPTER 10: WARRANTY
47	CHAPTER 11: LIABILITY

Chapter 1

Introduction



This is the manual for the Crash Recovery System, the mobile vehicle information system for all mobile platforms!

The Crash Recovery System (CRS) enables first responders to quickly have all relevant vehicle information digitally available. Within seconds, the system provides a complete overview of a vehicle's safety systems, which could pose a danger to first responders and/or occupants or could slow them down.

The system also gives indispensable indications on the location and deactivation of relevant components.

Technical specifications / System requirements

For information on compatibility and version numbers, among other things, please refer to the links below.

iOS : <https://apps.apple.com/app/crash-recovery-system/id1468268628?ls=1>

Android : <https://play.google.com/store/apps/details?id=crs.mobile.moditech.com>

Instruction videos

Browse our online tutorial videos to get support for the different functionalities of our CRS, or a demonstration of the different forms of information available to first responders worldwide. You can find them here: <https://www.moditech.com/support/tutorial-videos/>

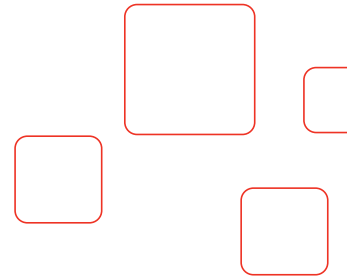
Support

We have done our utmost to make this manual as complete and clear as possible, but if you are having difficulties and need help, please email us at support@moditech.com

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Chapter 2

Installation



Installation of the CRS App

Step 1 - iOS: Go directly to the [App Store](#) or www.moditech.com/support/software-downloads to download and install the iOS version of the CRS. When the app is on the device and opened for the first time, the choice [Log in](#) or [Continue in demo mode](#) appears.



Step 1 - Android: Go directly to the [Google Play Store](#) or www.moditech.com/support/software-downloads to download and install the Android version of the CRS. When the app is on the device and opened for the first time, the choice [Log in](#) or [Continue in demo mode](#) appears.

Step 2 - iOS and Android: Click on log in to enter the [licence code](#) and [password](#). As soon as the licence has been successfully activated, a message will be displayed asking you to download the CRS database. Check that you are connected to a stable internet connection and press [OK](#). Once the database has been downloaded, which may take some time depending on your internet connection, you can use the CRS with all the functions associated with the licence. No licence code yet? Then please contact us at support@moditech.com

Click [here](#) for more information on [Continuing in demo mode](#).



Watch the instruction video about installing the CRS for iOS and Android [here](#).

Information for system administrators

For CRS installation and deployment manuals and instructions we would like to refer to the appropriate manual in our Support Portal. Please make your choice below:

[MDM installation options](#) Moditech offers CRS customers with a site licence the possibility to deploy and customise their CRS installation using a Mobile Device Management system.

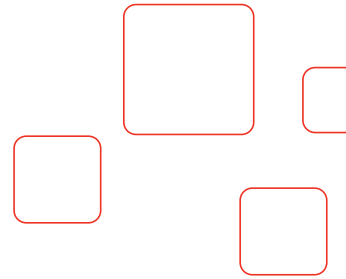
[Extranet WebApi](#) Here you can read how the Extranet API can be queried from another application (automatically) to retrieve information.

[Moditech Preconfiguration File](#) Moditech can prepare a Preconfiguration File linked to your licence code with the desired installation settings.

Please note: You will need login credentials for our Support Portal.

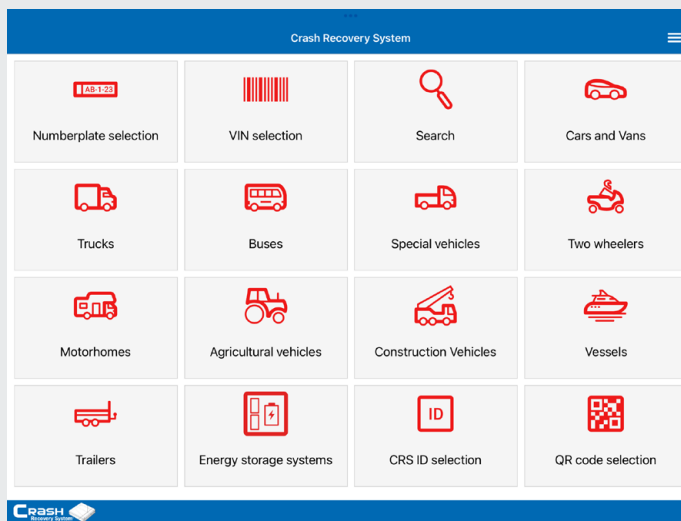
Chapter 3

Settings



Opening screen

After successfully installing the CRS, the following opening screen appears.



Please note:

The screen above is the opening screen of an VIN Edition. The opening screen may differ depending on the CRS edition. Visit moditech.com for more information on all available CRS editions.

Definitions of the buttons:



Click on the [Numberplate selection](#) button to perform the vehicle selection using the number plate of the vehicle. Depending on the country, the number plate must be entered with a space between the region and the rest of the number.



Click on the [VIN selection](#) button to perform the vehicle selection using the chassis number of the vehicle.



Use the [Search](#) button to select a new vehicle or use the search function within one of the vehicle categories.



Click on the [Cars and Vans](#) button to select a new vehicle (car or van). The visible makes and types depend on the region you have selected in the CRS settings.



Click on the [Trucks](#) button to select a new vehicle (truck). A screen appears with all available makes, selected from the database according to your set region.



Click on the [Buses](#) button to select a new vehicle (bus). A screen appears with all available makes, selected from the database according to your set region.



Click on the [Special vehicles](#) button to select a new vehicle (special vehicle). A screen appears with all available makes, selected from the database according to your set region.



Click on the [Two wheelers](#) button to select a new vehicle (two-wheeler). A screen appears with all available makes, selected from the database according to your set region.



Click on the [Motorhomes](#) button to select a new vehicle (motorhome). A screen appears with all available makes, selected from the database according to your set region.



Click on the [Agricultural vehicles](#) button to select a new vehicle (agricultural vehicle). A screen appears with all available makes, selected from the database according to your set region.



Click on the [Construction vehicles](#) button to select a new vehicle (construction vehicle). A screen appears with all available makes, selected from the database according to your set region.



Click on the [Vessels](#) button to select a new vessel. A screen appears with all available makes, selected from the database according to your set region.



Click on the [Trailers](#) button to select a new trailer. A screen with all available makes appears, selected from the database according to your set region.



Click on the [Energy Storage Systems](#) button to select a new Energy Storage System. A screen appears with all available makes, selected from the database according to your set region.



Click on the [CRS ID selection](#) button to perform the vehicle selection using the CRS ID of the vehicle.



Click on the [OEM ID selection](#) button to perform the vehicle selection using the OEM ID of the vehicle. This is the vehicle identification number of German car manufacturers.



Click on the [QR code selection](#) button to perform the vehicle selection using the QR code of the vehicle.



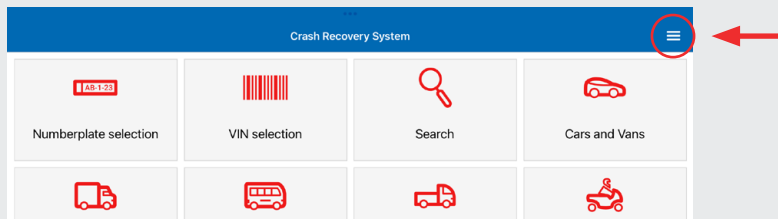
The [Vehicle list](#) allows quick and easy switching between multiple open CRS Rescuesheets within the CRS.



The [FAQ - VDA](#) button allows you to read frequently asked questions about working on vehicles with high-voltage batteries/drive systems during accidents.

CRS Management

The [CRS Management](#) menu is displayed after selecting the  button as shown in the screen below.

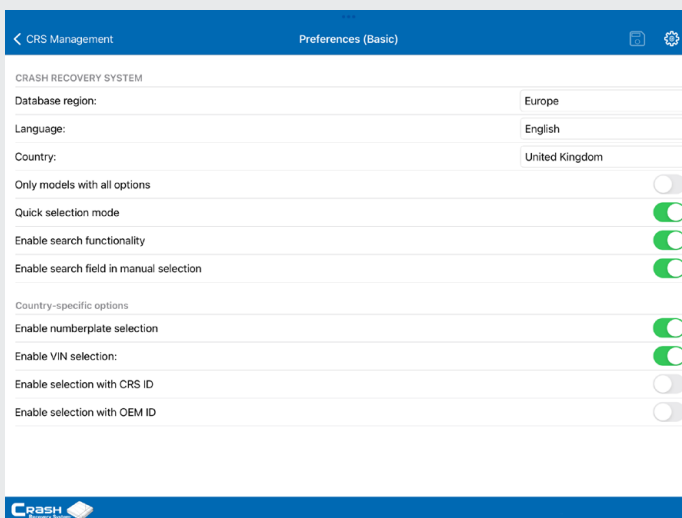


CRS Management is divided into the options [Preferences](#), [Update management](#), [My Crash Recovery System](#) and [Privacy statement](#). These options are explained in more detail below.



Preferences (Basic)

The Preferences (Basic) menu displays a list of options that can be changed according to your preferences, such as the database by region, the language and the selected country. Some features may be available or unavailable depending on the country selected in the settings.



Preferences (Basic) > Crash Recovery System

Database region

Refer to the [Database region](#) option to set up the correct database for the CRS. The available databases are: Europe, North America, Pacific, United Kingdom and South Africa.

Language

Select the [Language](#) option to enter the desired language in the CRS.

Country

The [Country](#) option shows an overview of the countries where number plate selection is available. If you want to select a CRS Rescuesheet by number plate, you can select the number plate preference when choosing country.

Only models with all options

By enabling [Only models with all options](#), models including all optional and non-optional safety systems are displayed during vehicle selection.

Quick selection method

If the [Quick selection method](#) option is checked, the vehicle selection process automatically moves on to the next selection item if only one result is possible.

Example: One possible model year is available in the BMW 7-Series ActiveHybrid vehicle selection process. As there are no other possible options here, the step is automatically skipped and the next screen in the vehicle selection procedure is displayed.

Enable search functionality

Enabling the search function makes selecting a vehicle using the search function [from the opening screen](#) possible. We recommend disabling autocorrect on your device.

Enable search field in manual selection

Enabling this option allows selecting a vehicle using the search function [from the vehicle categories](#). We recommend disabling autocorrect on your device.

Preferences (Basic) > Country-specific options

Enable numberplate selection

Enable this option to activate vehicle selection via [number plate](#) search in the CRS. A CRS RDW Edition or CRS RDW+ Edition is required.

Enable VIN selection

Enable this option to activate vehicle selection via [VIN selection](#) in the CRS. A CRS VIN or CRS RDW+ Edition is required.

Enable selection with CRS ID

Enable this option to activate vehicle selection via a [CRS Rescuesheet ID](#) in the CRS.

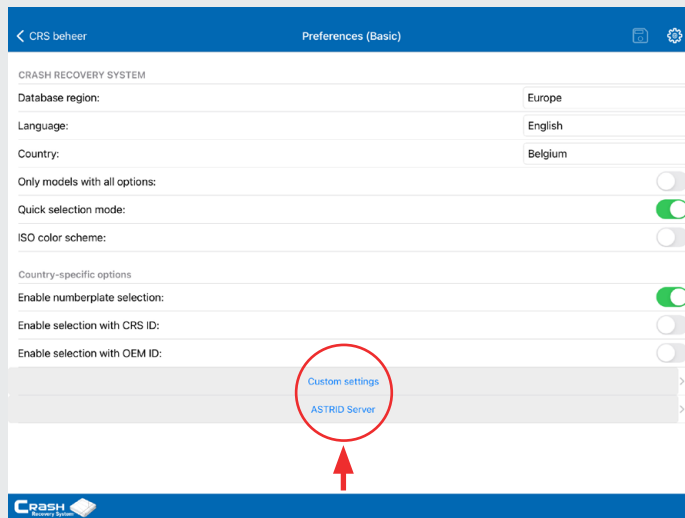
The CRS Rescuesheet ID is a unique number found in the top left of each CRS Rescuesheet. With this option, you can retrieve the respective vehicle by using the unique number.

Enable selection with OEM ID

Enable this option to activate vehicle selection via an [OEM CRS Rescuesheet ID](#) in the CRS.

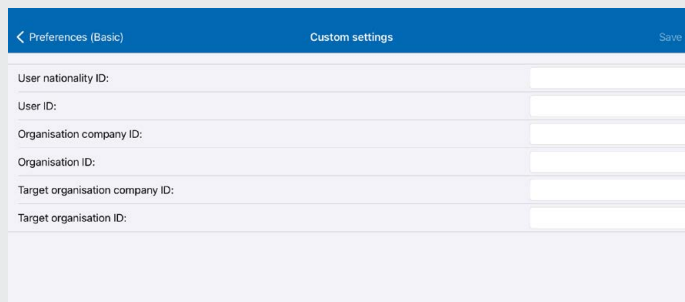
The OEM ID is a unique vehicle identification number of German car manufacturers.

Please note: When [Belgium](#) is chosen as the country, two additional options appear on the screen.



Custom settings

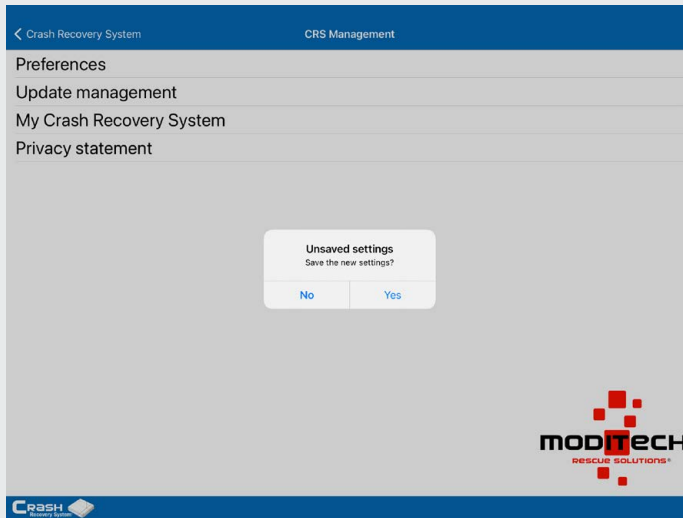
If you want to use the services of ASTRID (data provider for Belgian number plates), you need an ASTRID Blue Light Mobile SIM card. The corresponding identification information must be entered at the [Custom settings](#). If you did not receive this information from ASTRID, please contact us at support@moditech.com.



ASTRID Server

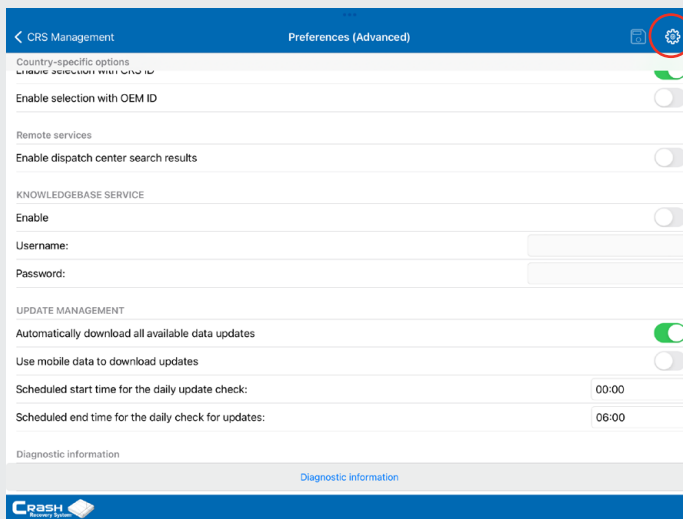
The settings information under [ASTRID Server](#) settings are pre-configured when opening the CRS. If this is not the case, please contact us at support@moditech.com.

Please note: If a change is made within Preferences, the [Save](#) button will appear automatically in the top right corner. Click this button to save all changes. If you do not save the changes and leave the Preferences menu, the CRS will automatically ask whether all the changes should still be saved.



Preferences (Advanced)

In the Preferences (Basic) menu, [Advanced](#) can be selected in the top right corner. This option shows more settings, which are listed below.



Preferences (Advanced) > Remote Services

Knowledgebase Service

Select this option to be able to perform actions that require an online connection.

With the Knowledge Base Service, it is possible to add additional information to a particular vehicle within the CRS. Practical experiences and tips & tricks for a specific vehicle model can be shared with other first responders.

Select this option to enable the Knowledge Base Service within the CRS. In order to use this service a [user name](#) and [password](#) must also be entered. More information on the Knowledge Base Service can be found in [Chapter 9](#).

Preferences (Advanced) > Update management

Automatically download all available data updates

Enable this option to automatically download and install all available data updates. This option is enabled as standard in the CRS. You will receive a notification when an update has been downloaded and installed.

Use mobile data to download updates

If a data update or app update is ready for download - and no Wi-Fi connection is available - mobile data can be used to download the update. Enable this option to automatically use a mobile connection to download updates when no Wi-Fi connection is available.

Scheduled start time for the daily update check*.

This option allows setting a fixed daily start time for automatically checking the CRS for updates.

Scheduled end time for the daily check for updates*.

This option allows setting a convenient daily end time for automatically checking the CRS for updates.

Please note:

*Your iOS operating system may interfere with these functions. If you have any questions about this, please contact us at support@moditech.com

Update management

The [Update management](#) option shows an overview of the last installed update, with all CRS Rescuesheets added or modified by this update. It is also possible to manually search for new updates in this screen using the button [Check for updates](#) (top right).

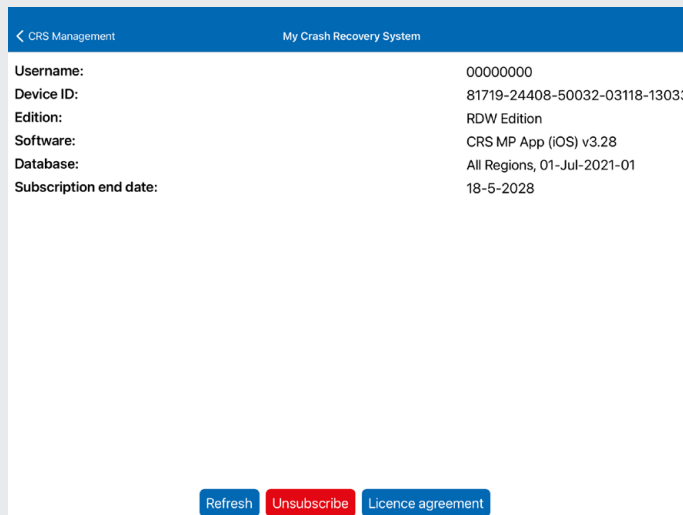
The last five updates of the CRS can also be accessed by selecting the date. A dropdown menu appears, where you can click on previous updates. Clicking on a vehicle will open the CRS Rescuesheet.



Watch the instruction video about checking for updates [here](#).

My Crash Recovery System

In the [My Crash Recovery System](#) menu, information about your CRS licence, such as the licence code, edition and expiry date of your subscription is displayed.



The screenshot shows a mobile application interface for 'My Crash Recovery System'. At the top, there is a blue header with a back arrow and the text 'CRS Management' on the left, and 'My Crash Recovery System' on the right. Below the header, the following information is displayed:

Username:	00000000
Device ID:	81719-24408-50032-03118-13033
Edition:	RDW Edition
Software:	CRS MP App (iOS) v3.28
Database:	All Regions, 01-Jul-2021-01
Subscription end date:	18-5-2028

At the bottom of the screen, there are three buttons: 'Refresh' (blue), 'Unsubscribe' (red), and 'Licence agreement' (blue).

[My Crash Recovery System](#) > Refresh

The [Refresh](#) button retrieves the most up-to-date information on your subscription. This will extend your licence until the new expiry date.



Watch the instruction video about renew a licence [here](#).

[My Crash Recovery System](#) > Unsubscribe

The [Unsubscribe](#) button logs off the device and makes the licence available again. You can now continue in the demo mode, or log on to the same device or another one to use all the functions again.



Watch the instruction video about reset a licence [here](#).

[My Crash Recovery System](#) > Licence agreement

Under the [Licence agreement](#) button you will find the legal contract between you as the Licensee and Moditech Rescue Solutions B.V. as the Licensor.

Privacy statement

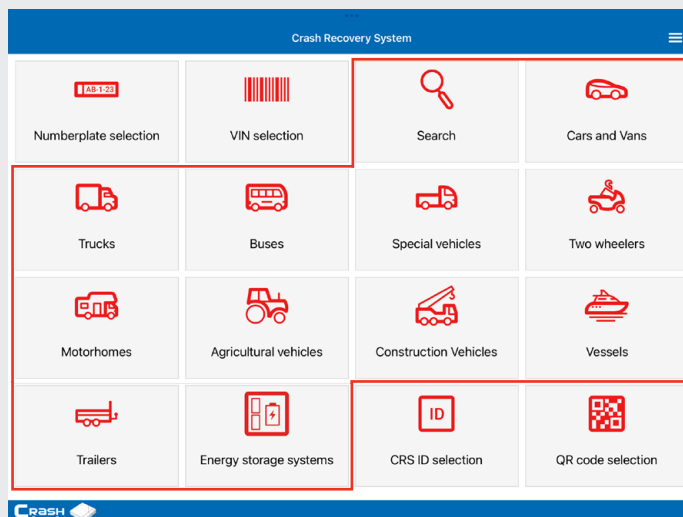
Under the [Privacy statement](#) button you will find the privacy policy of Moditech Rescue Solutions B.V.

Chapter 4

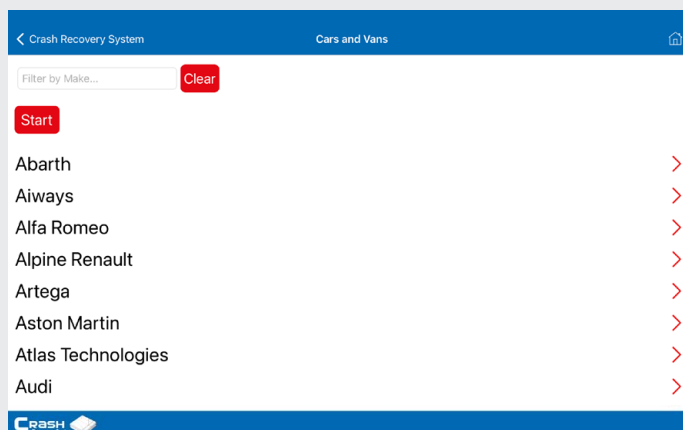
Operating Instructions

New vehicle manual selection procedure

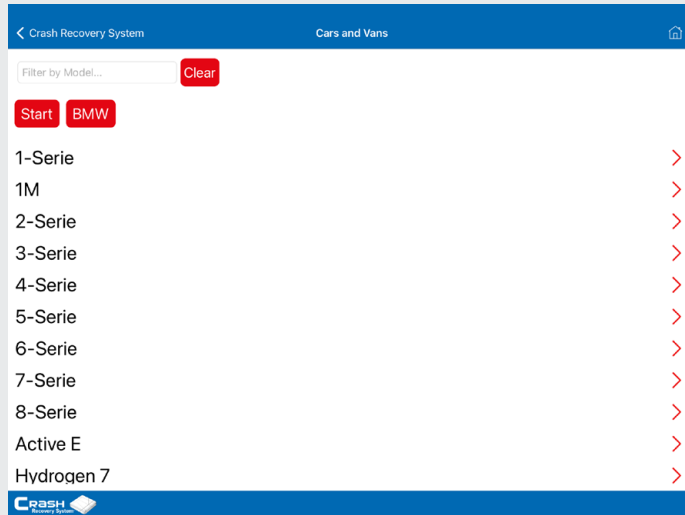
Depending on the type of vehicle, click on the [Cars and Vans](#), [Trucks](#), [Buses](#), [Special vehicles](#), [Two wheelers](#), [Motorhomes](#), [Agricultural vehicles](#), [Construction vehicles](#), [Vessels](#), [Trailers](#) or [Energy Storage Systems](#) button to select a vehicle. It is also possible to select a vehicle using the search function. Click the [Search](#) button on the opening screen or use the search function within one of the vehicle categories. We recommend disabling autocorrect on your device.



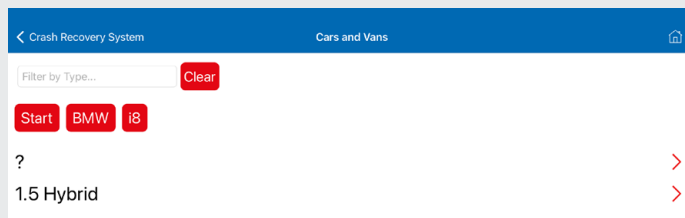
After clicking on the appropriate vehicle category (in the example below, [Cars and Vans](#)) an overview of all available [vehicle makes](#) appears.



After clicking on a brand, an overview of all available [models](#) appears.

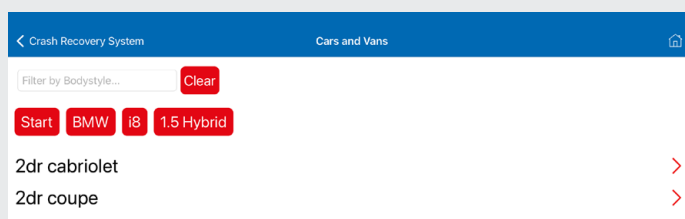


After choosing the [correct model](#), the screen below appears where the [type of engine](#) must be selected. If the vehicle has no type designation or the type designation is unknown, select the [question mark](#). The question mark shows the model with all possible options (worst case scenario).

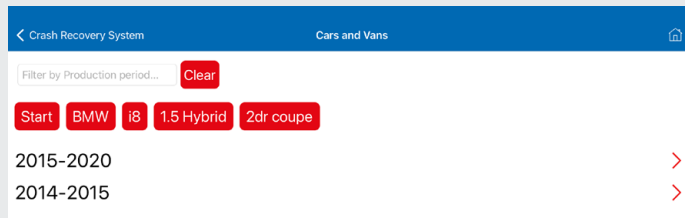


Please note: In this case, there is only one possibility; 1.5 Hybrid. If the [Quick selection method](#) option is enabled in the [Preferences](#) submenu, this screen will be selected automatically.

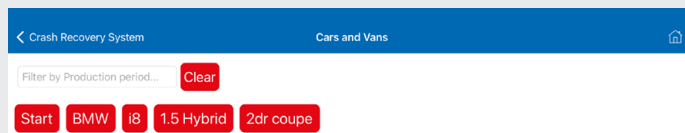
The following selection concerns the [body style](#).



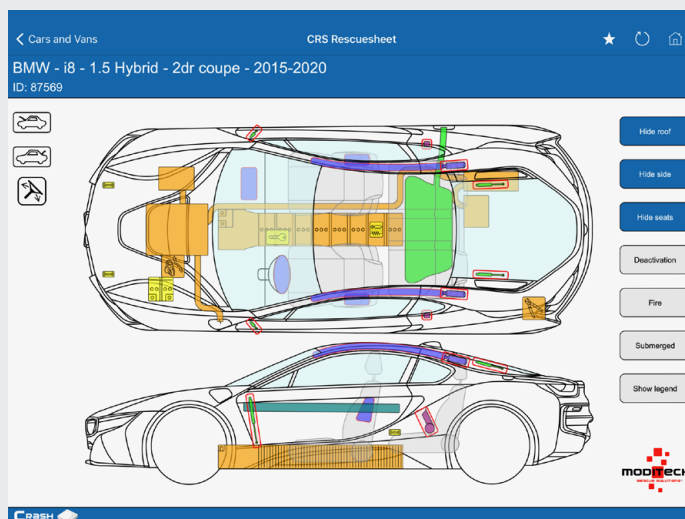
The last step to be taken is the choice of the [model year](#). Click the appropriate option and the CRS Rescuesheet will follow.



Using the red buttons, you can easily see and change the chosen vehicle selection. By clicking on one of the buttons referring to the previous steps, the vehicle selection can be changed from that point on.



The example below concerns the BMW i8 1.5 Hybrid 2dr coupé. The vehicle selection using the manual selection procedure has been completed.

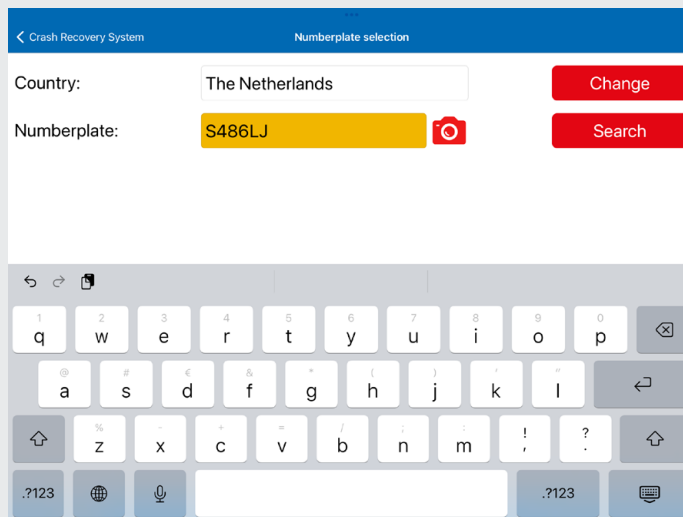



Watch the instruction video about the manual selection procedure of a new vehicle [here](#).

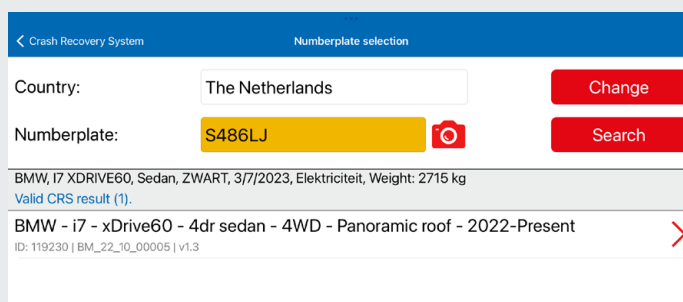
Selection procedure with number plate search

In the opening screen, click on the [Numberplate selection](#) button to perform the vehicle selection using the number plate. CRS RDW Edition or a CRS RDW+ Edition is required here. After clicking the button, the following screen appears in which the number plate of the relevant vehicle can be entered.

A [keyboard](#) automatically appears on the screen. The [.?123](#) and [ABC](#) buttons on the keyboard can be used to switch between numbers and letters. If you have to enter a region code with the number plate, it is important to use a space between the region letters and the rest of the number plate. This is the case, for example, with German, Austrian and American licence plates. Select the [country](#) if you want to request a vehicle from another country.

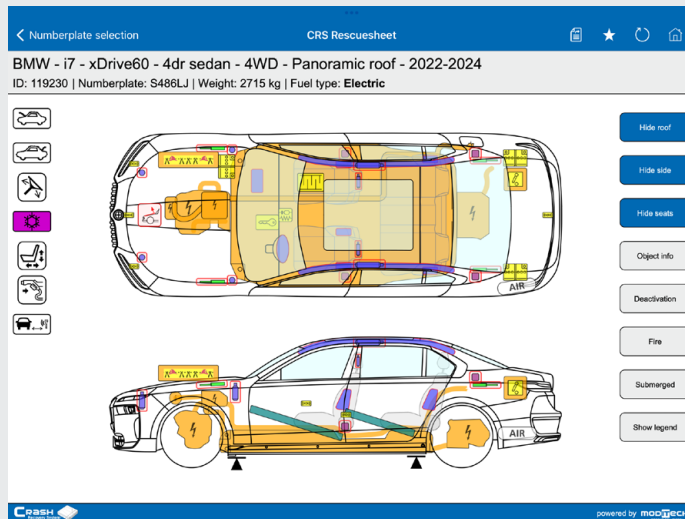


In addition to manual entry, it is also possible to scan the number plate. To do this, click on the camera icon , after which your device's [camera](#) will open automatically and you can scan the car's number plate by pointing the camera at it. When the number plate is in view, press the round button (on the right) and then press [Use Photo](#), which will automatically fill in the license plate. By clicking the [Search](#) button after entering or scanning the number plate, the system searches for the vehicle matching the entered number plate.



Click on the vehicle description linked to the entered number plate to open the CRS Rescuesheet.

The example below is for the BMW i7 xDrive60. The title screen shows the description of the vehicle including number plate, weight and fuel type as registered in the number plate register. The vehicle selection by number plate search has been completed.



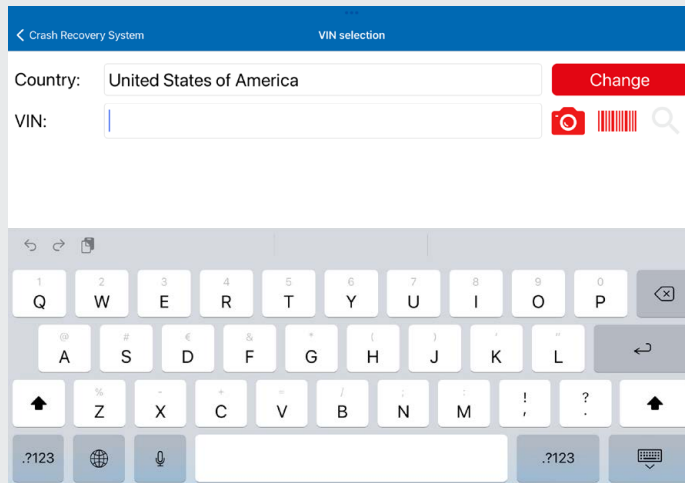
Please note: Vehicles with German, Belgian or Swiss plates cannot be called up from other countries. For more information please contact Moditech Rescue Solutions B.V., info@moditech.com | +31 226 412 900.





View the instruction video about the selection procedure by number plate search [here](#).

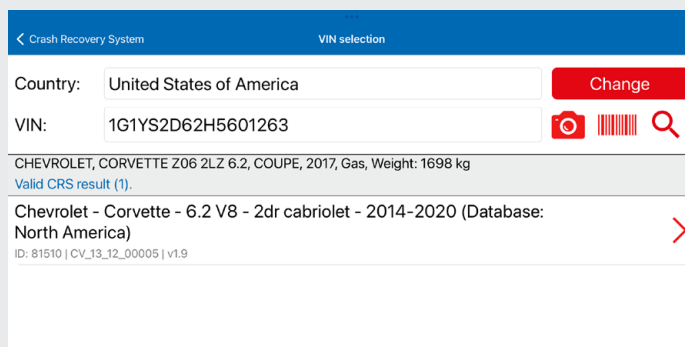
Selection procedure with chassis number

On the opening screen, click on the [VIN selection](#) button to perform the vehicle selection using a chassis number. A CRS VIN or CRS RDW+ Edition is required here. After clicking the button, the following screen appears in which the chassis number of the relevant vehicle can be entered. A keyboard automatically appears on the screen.



The screenshot shows the 'VIN selection' screen in the 'Crash Recovery System'. At the top, there is a blue header with a back arrow, the text 'Crash Recovery System', and 'VIN selection'. Below the header, there are two input fields: 'Country:' with the value 'United States of America' and a red 'Change' button to its right; and 'VIN:' with an empty text box. To the right of the 'VIN:' field are three icons: a camera icon, a barcode icon, and a search icon. A standard QWERTY keyboard is overlaid on the screen, positioned below the input fields.

In addition to entering a chassis number manually, it is also possible to scan the chassis number, as a result of which the chassis number is filled in automatically. Click on the barcode icon  (for scanning a barcode) or camera icon  (for scanning a chassis number) and your device's [camera](#) will open automatically. You can now scan by pointing your device's camera at the barcode or chassis number. Press the round button (on the right) and then press [Use Photo](#) to confirm. By clicking the [Search](#) button, the system searches for the vehicle matching the entered chassis number. The screen below appears.

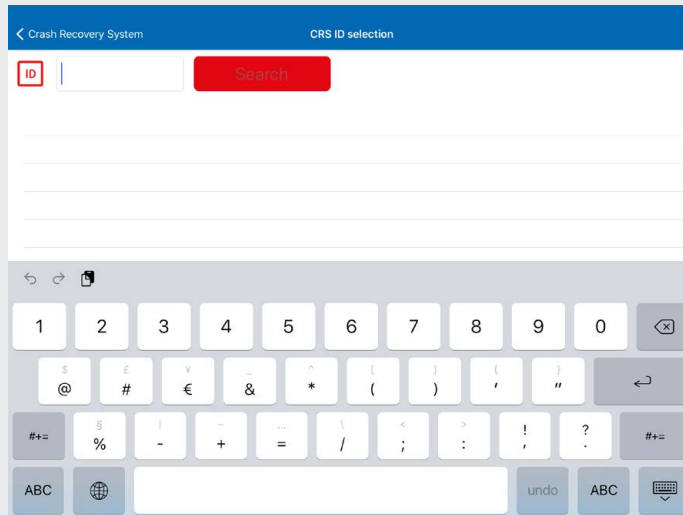


The screenshot shows the 'VIN selection' screen with search results. The 'Country:' field is 'United States of America' and the 'VIN:' field contains '1G1YS2D62H5601263'. Below the input fields, there is a search result for a Chevrolet Corvette. The result text is: 'CHEVROLET, CORVETTE Z06 2LZ 6.2, COUPE, 2017, Gas, Weight: 1698 kg'. Below this, it says 'Valid CRS result (1)'. The main result text is 'Chevrolet - Corvette - 6.2 V8 - 2dr cabriolet - 2014-2020 (Database: North America)' with a red arrow pointing to the right. At the bottom of the result, it says 'ID: 81510 | CV_13_12_00005 | v1.9'.

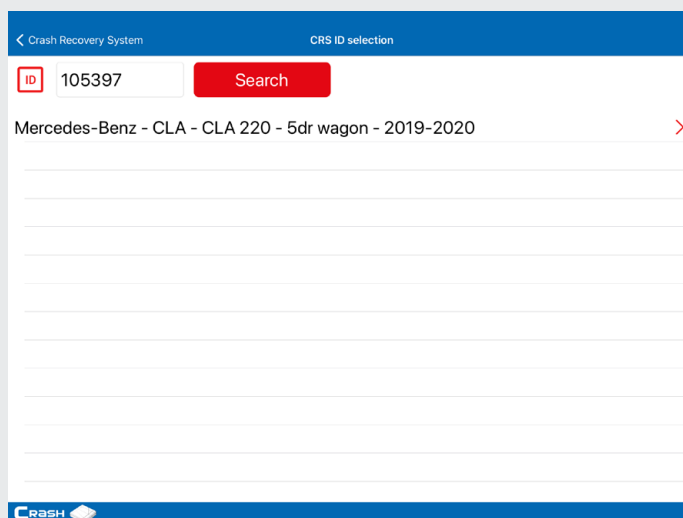
Click on the link of the result to open the CRS Rescuesheet. The vehicle selection by means of chassis number has been completed.

Selection procedure with CRS ID

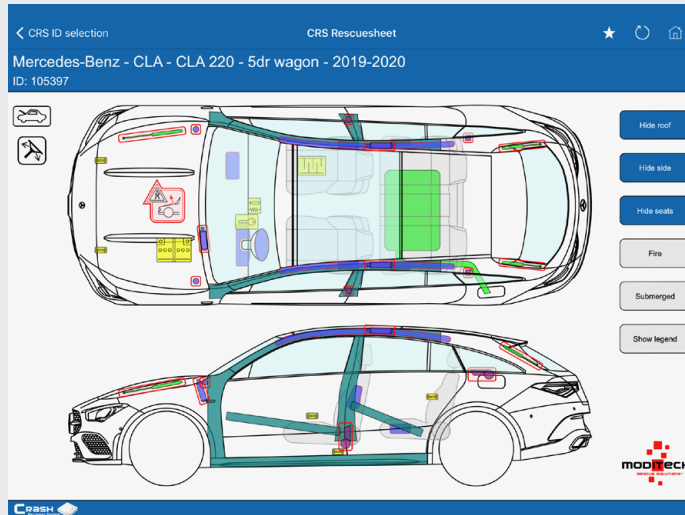
On the opening screen, click on the [CRS ID selection](#) button to perform the vehicle selection using a CRS ID. You must first unlock this selection procedure in the menu Preferences (Basic) > Country-specific options. This selection procedure allows you to select the vehicle [offline](#). After clicking the button, the following screen appears in which the CRS ID of the relevant vehicle can be entered. A [keyboard](#) automatically appears on the screen.



By clicking the [Search](#) button after entering the CRS ID, the system searches for the vehicle matching the entered ID. The screen below appears.

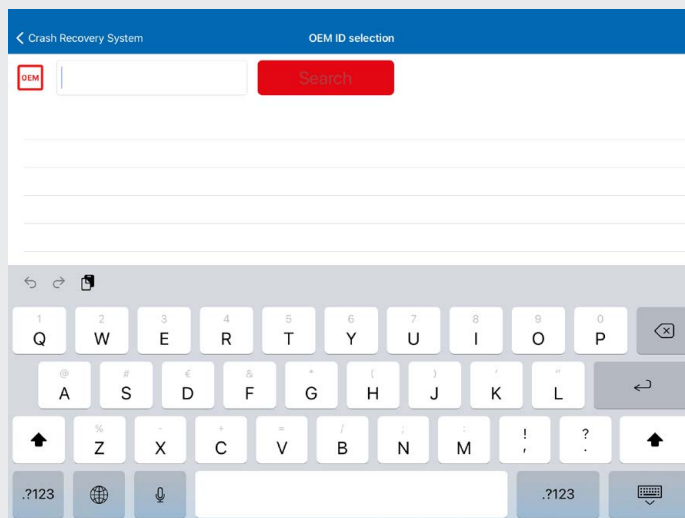


Click on the link of the version to open the CRS Rescuesheet. The example below is for the Mercedes-Benz CLA 220 5dr station wagon - panoramic roof. The vehicle selection by means of a CRS ID has been completed.

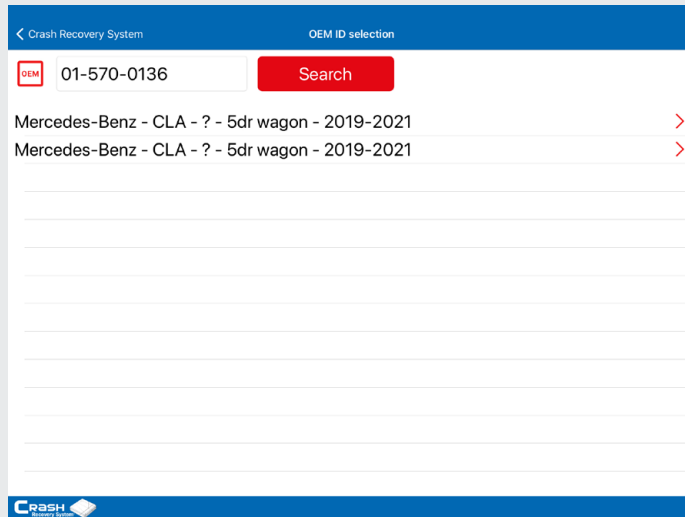


Selection procedure with OEM ID

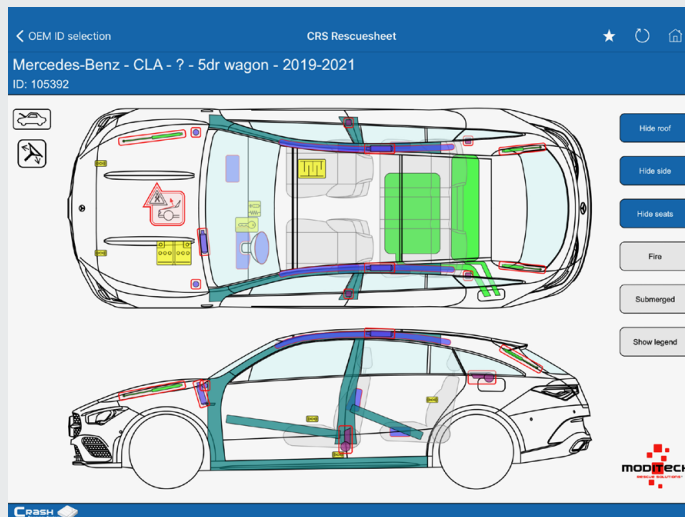
On the opening screen, click on the [OEM ID selection](#) button to perform the vehicle selection using an OEM ID. The OEM ID is a unique vehicle identification number of German car manufacturers. After clicking the button, the following screen appears in which the OEM ID of the relevant vehicle can be entered. A [keyboard](#) automatically appears on the screen. The code can be entered without spaces and hyphens.



By clicking the [Search](#) button after entering the OEM ID, the system searches for the vehicle matching the entered ID. The screen below appears.

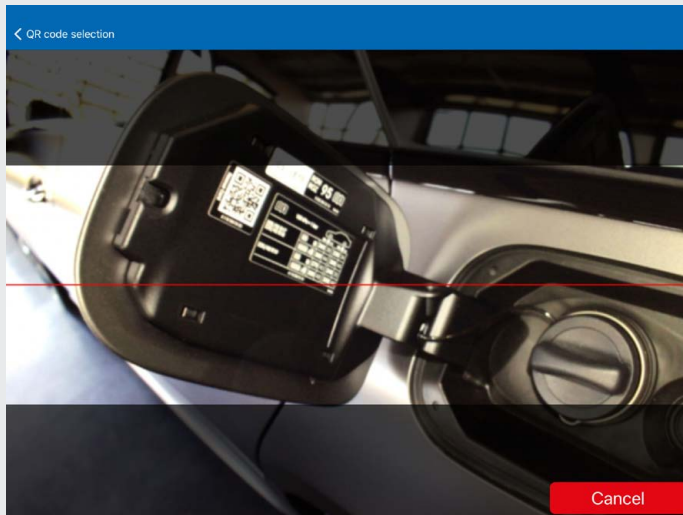


Click on the link of the appropriate version to open the CRS Rescuesheet. The example below is for the Mercedes-Benz CLA 5dr station wagon - panoramic roof. The vehicle selection by means of an OEM ID has been completed.



Selection procedure with QR code

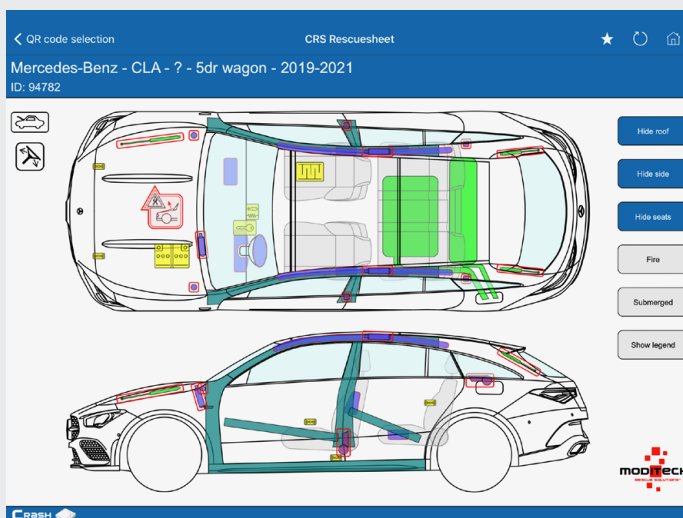
On the opening screen, click on the [QR code selection](#) button to perform the vehicle selection using a QR code. After clicking the button, the screen below will appear, which will automatically open your device's camera. You can now scan the QR code by pointing your device's camera at it.



When the QR code is in focus, the system searches for the vehicle matching the QR code and automatically opens the appropriate CRS Rescuesheet. The example below is for the Mercedes-Benz CLA 5dr station wagon. The vehicle selection by means of a QR code has been completed.



The CRS includes all QR codes that are standardised by manufacturers.



View the instruction video about the selection procedure by QR code [here](#).

Vehicle List Management

This chapter explains the management of the Vehicle List. The Vehicle List allows you to quickly and easily switch between multiple open CRS Rescuesheets within the CRS.

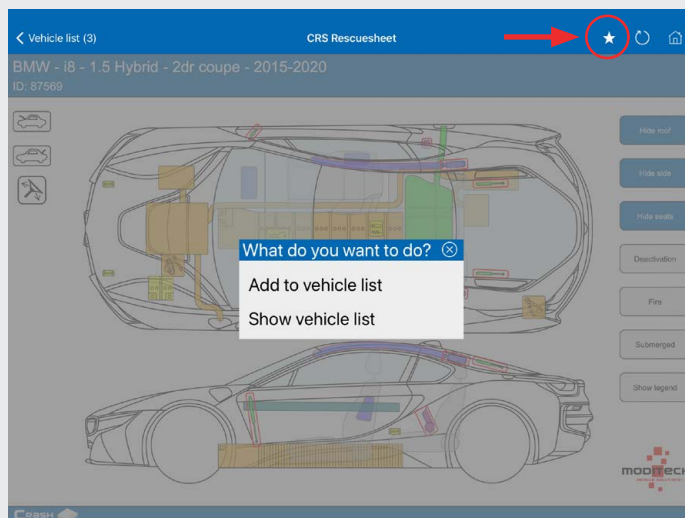
Select the [Vehicle List](#) from the opening screen to view the already selected vehicles. The number of vehicles added to the Vehicle List is shown in brackets in the top bar. In the example below, three vehicles are on the list: the BMW i8, Mercedes-Benz E Class NGT and Mercedes-Benz CLA 220.



Manage Vehicle List > Browse CRS Rescuesheets in Vehicle List

It is possible to quickly switch between the vehicles' CRS Rescuesheets in the [Vehicle List](#). The image below shows the CRS Rescuesheet for the BMW i8.

Click on the Star icon in the top right corner to quickly switch between the open vehicles within the Vehicle List. Then choose [Show Vehicle List](#). Select the desired vehicle here and the system will switch directly to the selected CRS Rescuesheet.



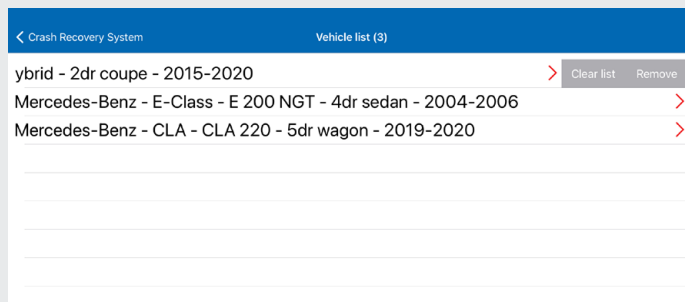
Manage Vehicle List > Delete vehicle list / delete vehicle

If you want to delete one or more vehicles from the Vehicle List, the Vehicle List must be selected first. After clicking on the [Vehicle List](#) a list of all open vehicles appears.

The following screen appears. Swipe right to left on a vehicle line to remove the vehicle from the Vehicle List, or to delete the entire Vehicle List.



Now click [Remove](#) to delete the selected vehicle, or click [Clear list](#) to clear the entire Vehicle List. Moditech Rescue Solutions B.V. recommends that the Vehicle List be cleared regularly, for example



Please note: immediately after a call-out. For a device with a small working memory, there is a chance that the operating system will automatically empty the list. Please bear this in mind. The Vehicle List is automatically deleted when the application is completely closed.



Watch the instruction video about managing the vehicle list [here](#).

Questions & answers - VDA

The [FAQ - VDA](#) button allows you to read frequently asked questions about working on vehicles with alternative drives (electric or hybrid) during accidents. It can be found in the opening screen. Clicking on the button will open a document from the German Association of the Automotive Industry [Verband der (Deutsche) Automobilindustrie (VDA)].

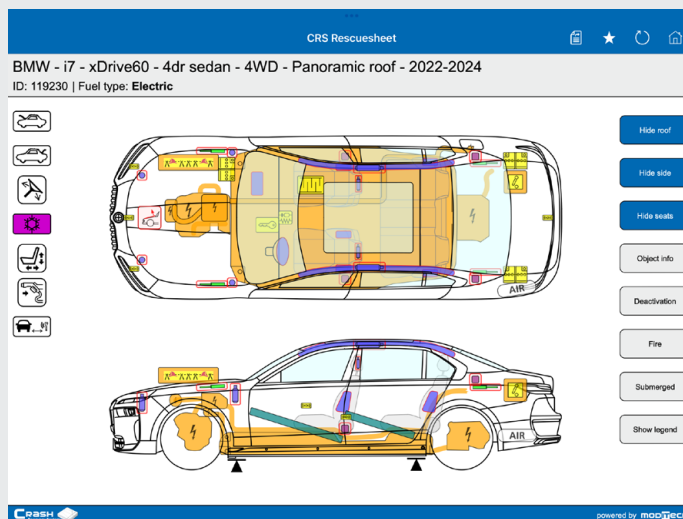


Chapter 5

CRS Rescuesheet

The vehicle image within the CRS Rescuesheet is an interactive image, unless you have a Lite Edition where the image is static. In all CRS editions, you can show or hide the roof, side and seats by clicking on the Show/Hide buttons. In addition, information on any component can be retrieved directly by clicking on it (with exception to the Lite Edition).

All components are shown in their actual locations in the vehicle. General components applicable to the vehicle, such as bonnet opening, boot opening or steering column adjustment, are shown with icons on the left side of the CRS Rescuesheet. The operation of the CRS Rescuesheet is explained further in this chapter.



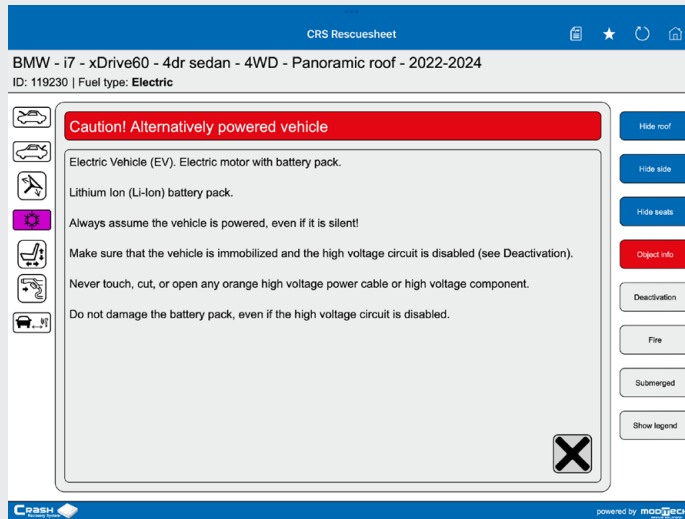
Buttons

To the right of the vehicle image that appears, several buttons are visible. The [Hide Roof](#), [Hide Side](#) and [Hide Seats](#) buttons can be used to show or hide parts of vehicles. After clicking, the buttons change colour. Hidden sections can be re-displayed by clicking the buttons again. The [Deactivation](#) button is used for vehicles with alternative drives (e.g. hybrid cars). The [Fire](#) and [Submerged](#) buttons can be consulted when a vehicle is on fire or in water. With the [Show legend](#) button the legend, including an explanation of all component groups, can be displayed. For a complete overview with information on components, see [Chapter 7: Overview of Components](#).

Please note:

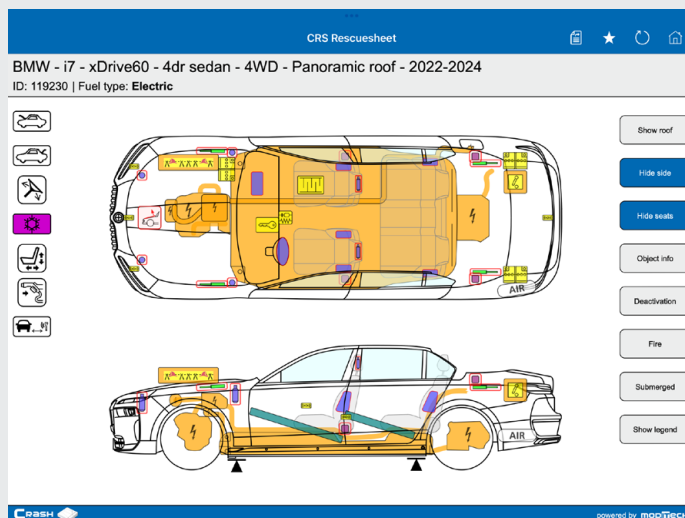
If the selected model is a vehicle with an alternative drive (electric or hybrid), when the CRS Rescuesheet is opened, the CRS immediately displays a warning screen with information on the type of drive.

By clicking on the [Cross icon](#) the warning screen disappears and the vehicle image appears. The screen can be recalled by clicking the [Object info](#) button.



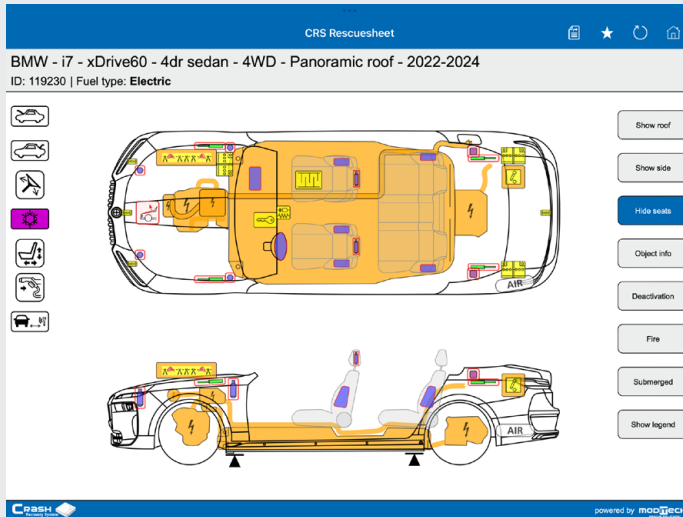
Buttons > Hide roof

Select the [Hide roof](#) button and the roof of the vehicle, with all integrated components, is immediately hidden. This makes all components in the car clickable, such as airbags and the steering column. The roof is shown again after clicking the [Show roof](#) button.



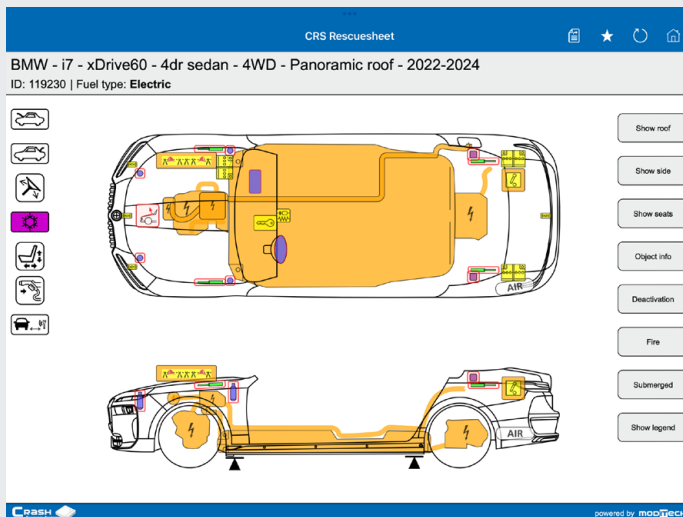
Buttons > Hide side

The sides are shown and hidden with the [Hide side](#) and [Show side](#) buttons. The location of all components on the sides, such as the seat airbag, is now immediately clear. These can now also be clicked on.



Buttons > Hide seats

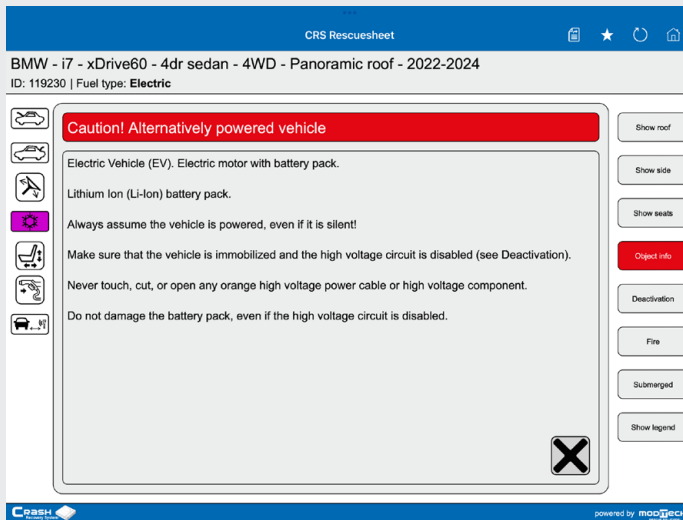
The seats are hidden with the [Hide seats](#) button. The location of all components on and under the base plate, such as the SRS sensor and the fuel tank, is now immediately clear. These can now also be clicked on. The seats are shown again after clicking the [Show seats](#) button.



Buttons > Deactivation

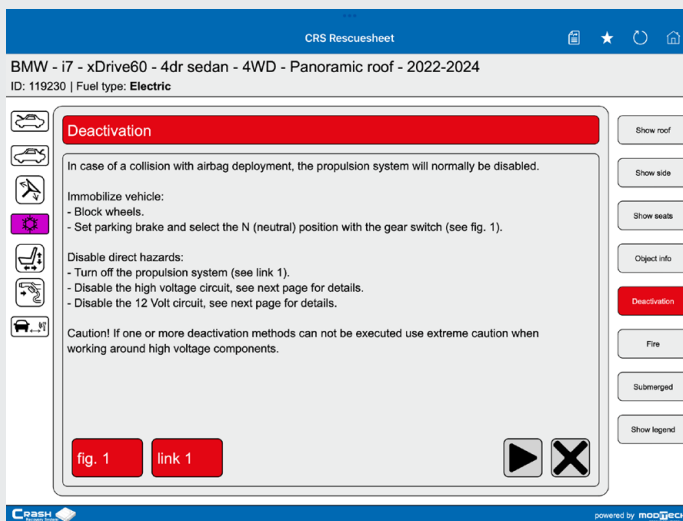
In the vehicle image of an alternatively powered vehicle, the [Deactivation](#) button is present. When this button is selected, the screen with instructions on how to deactivate the vehicle appears.

By clicking on the [Cross icon](#) or the [Deactivation](#) button the screen disappears and the vehicle image reappears.



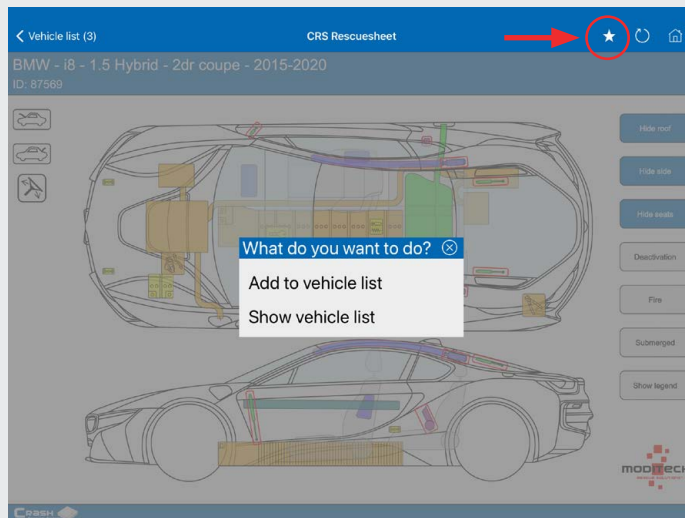
Buttons > Show legend

The Show legend button displays an overview of the definitions of the colours used in the CRS vehicle image. By clicking on the [Cross icon](#) or the [Hide legend](#) button the screen disappears and the vehicle image reappears.



Buttons > Vehicle list

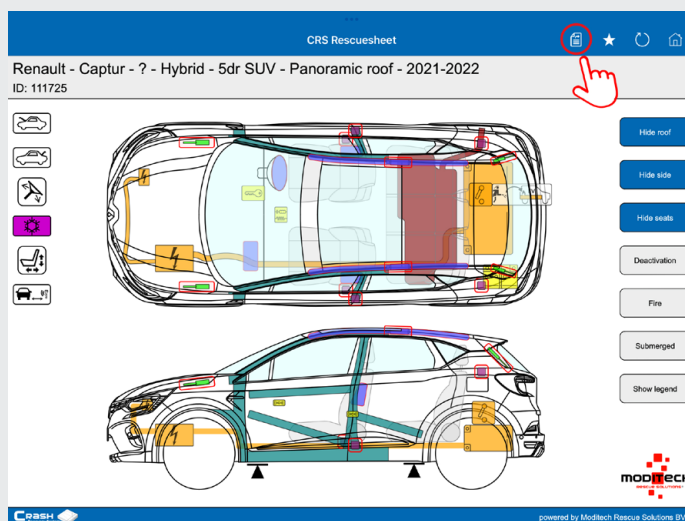
The [Vehicle list](#) allows you to switch between several open vehicle images in the CRS quickly and easily. Select the [Star icon](#) to add a vehicle to the Vehicle list.



A pop-up appears. Here you can add the vehicle image to the Vehicle list or you can display the Vehicle list. Click on the [Cross icon](#) to close this message. After this, all the buttons of the vehicle image are clickable again. For more information on managing the Vehicle list, see [Manage Vehicle List](#).

Buttons > Share

This [Share button](#) allows you to share the current rescuesheet with other CRS users through a link in a text-based app on your mobile device.



View the instruction video about the use of the CRS Rescuesheet [here](#).

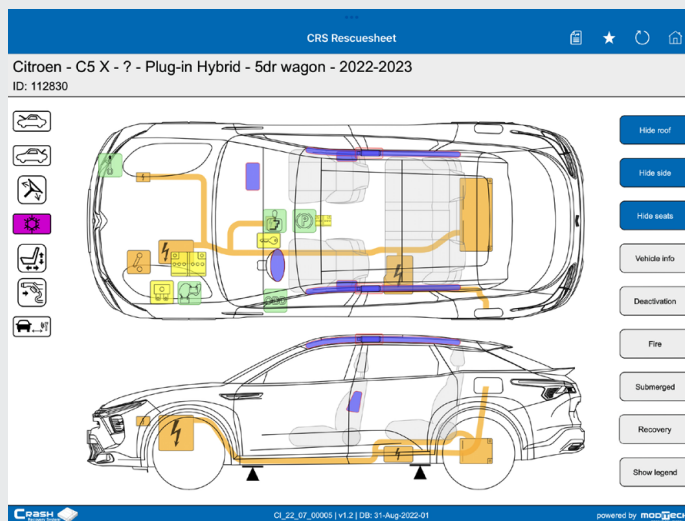
Chapter 6

Road Assist Edition

Due to the increasing number of vehicles with modern vehicle technology and alternative drives, not only first responders, but also roadside assistance and towing services benefit from specific vehicle information that enables them to act quickly and safely.

The [CRS Road Assist Edition](#) contains all relevant information for salvage and towing companies, including information on the latest technologies (electric and hybrid vehicles). The database contains all passenger cars and vans introduced since 2007.

The Road Assist Edition has the same functions and features as the other CRS editions, but mainly contains components with information specifically applicable to recovery companies.

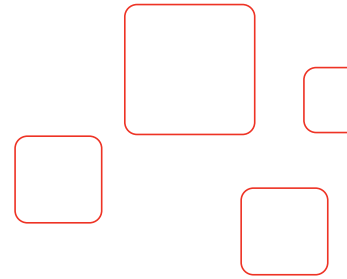


The interactive top and side views show all relevant components (shown in green) such as the battery, tow bar, (electric) parking brake and locations such as the fuse box in one overview. In the case of a hybrid or electric vehicle, the roadside assistance provider is immediately informed of deactivation procedures after selection of the vehicle. Additional information is easily accessible by clicking on the various components in the vehicle image.

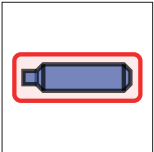
By clicking on the [Recovery](#) button, additional (OEM) information is visible (if available), displayed as online PDF-documentation. This documentation can be found under the 'pdf' button. An overview of the components specific to the Road Assist Edition can be found in [Chapter 7, Overview of Components](#) under the heading [Road Assist Edition](#).

Chapter 7

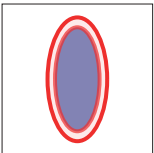
Overview of Components



Dangerzone

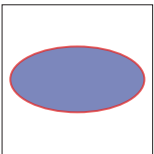


Dangerzone. The components **outlined in red** indicate components that are potentially dangerous during the rescue process.

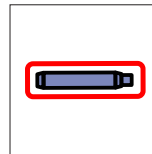


Dangerzone driver and passenger airbag. Driver and passenger airbags outlined in **red indicate** dual stage airbags, whereby one stage may remain active after activation of the airbag. It also indicates a mechanical driver airbag which can be activated using mechanical force.

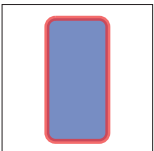
Airbag



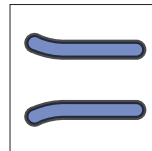
Driver airbag



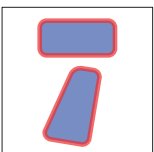
Stored gas inflator (for curtain airbags)



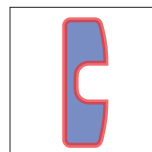
In dashboard: Passenger airbag
In seat: Anti-submarining airbag



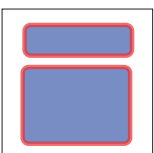
Curtain airbag (Head impact)



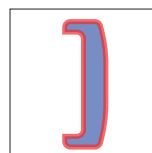
Side impact airbag (Seat)



Knee-airbag driver

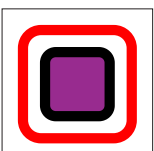


Side impact airbag (Side)



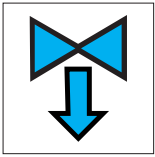
Knee-airbag passenger

Belt pretensioner



Belt pretensioner

Hydrogen



Gas (H₂)
pressure direction



Automatic hydrogen
overpressure safety valve
with gas type indication (H₂)



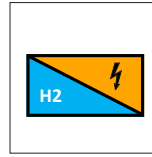
Gas line (H₂)



Gas tank with
gas type indication (H₂)

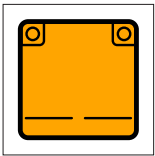


Manual gas
shut-off valve
with gas type indication (H₂)



Fuel cell component

Electronics > 30 V



Battery pack



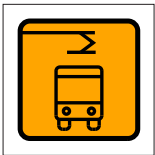
Ultra-capacitor
(> 30 V)



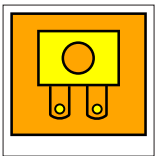
Emergency disconnect
(Cut cable)



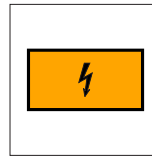
High voltage
power cable



Pantograph down
(buses only)



Fuse box disabling
high voltage



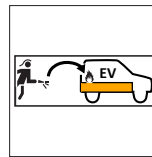
High voltage
component



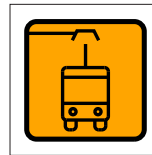
Low voltage device that
disconnects high voltage



High voltage device that
disconnects high voltage



Special battery
access

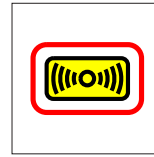


Pantograph up
(buses only)

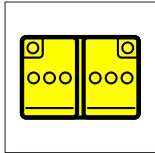
Electro



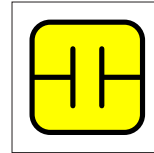
Sensor side/front



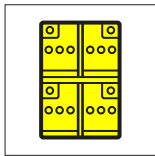
Sensor side/front (mechanical)



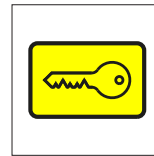
Battery (12 V)



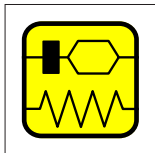
Backup power- supply (if separate from SRS control unit. Ultra-capacitor (< 30 V)



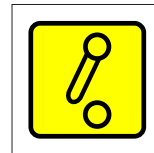
Truck/Bus battery (24 V)



Start/Stop Button (Engine and Contact).
For trucks/buses engine only.



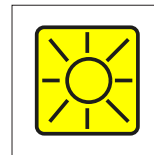
SRS control unit Roll bar control unit



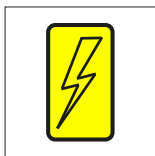
Main battery switch



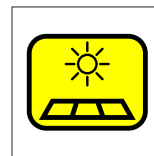
Seat occupancy sensor (if it can affect deployment of airbags)



Fuel warning indicator

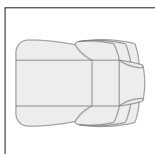


Xenon lights

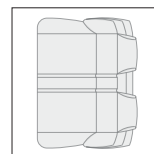


Solar panel

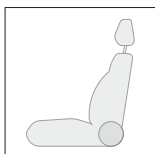
Seats



Front seat top view



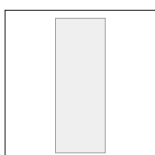
Back seat top view



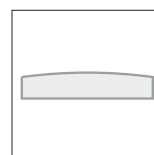
Front seat / back seat side view



Truck seat side view

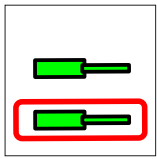


Truck bed top view

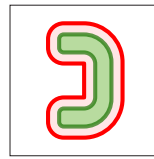


Truck bed side view

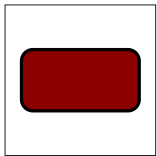
Miscellaneous



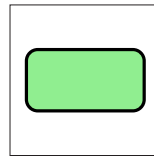
Cylinder to support engine hood or trunk lid



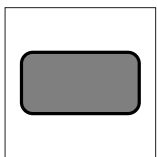
Automatic roll bar



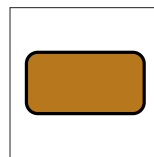
Fuel tank
(Petrol)



Fuel tank
(Miscellaneous)



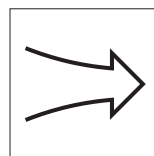
Fuel tank
(Diesel)



Hydraulic oil



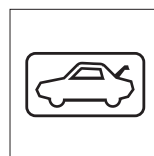
Air tank



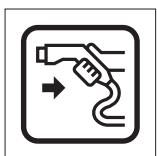
Air intake (truck/bus)



Engine hood opening
(hood opening to the rear)



Trunk lid opening



Chargeplug



Seat adjustment



Steering wheel tilt



Lifting points



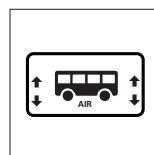
Grill opening (truck)



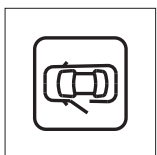
Seat height adjustment by air
(truck/bus)



Height control (truck)



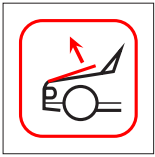
Height control (bus)



Emergency
door release



Carbon-fiber
reinforced plastic



Pedestrian protection system



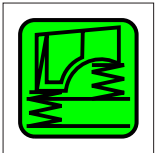
Remove smart key/
starter key



Emergency exit
right hand



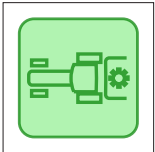
Break to obtain access



Cabin suspension
(trucks only)



Driver rest area
(buses/coaches only)



Power Take-Off (PTO)
(tractors only)



Gas line
(generic)



Gas tank with gas type
indication (CNG)



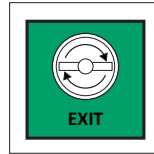
Automatic gas overpressure
safety valve with gas type
indication (CNG)



Automatic fire suppression



Emergency exit
left hand



Emergency door opener



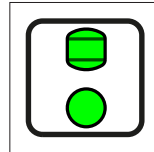
Emergency exit roof hatch
(buses/coaches only)



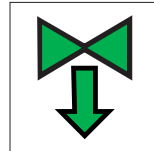
Cabin tilting
(trucks only)



Toilet cabin
(buses/coaches only)



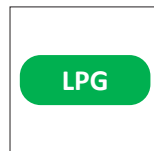
Nitrogen gas bulbs
(tractors only)



Gas pressure
direction



Manual gas shut-off valve
with gas type indication (CNG)



Gas tank with gas type
indication (LPG)



Manual gas shut-off valve with gas type indication (LPG)



Automatic gas overpressure safety valve with gas type indication (LPG)



Gas tank with gas type indication (DME)



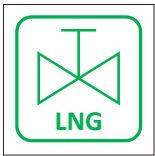
Manual gas shut-off valve with gas type indication (DME)



Automatic gas overpressure safety valve with gas type indication (DME)



Gas tank with gas type indication (LNG)

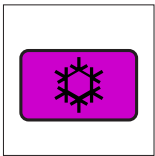


Manual gas shut-off valve with gas type indication (LNG)

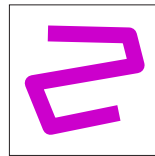


Automatic gas overpressure safety valve with gas type indication (LNG)

Air conditioning

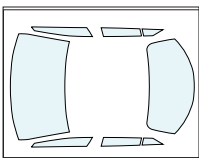


Air conditioning component



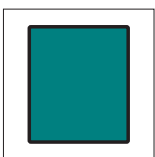
Air conditioning line

Glazing



Glazing, glass or plastic, tempered or laminated

Reinforcement



Reinforcement components in bodywork

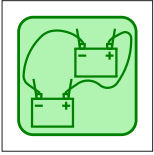
Road Assist Edition



Automatic gearbox



Recovery



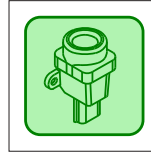
Jump-starting



Electric parking brake



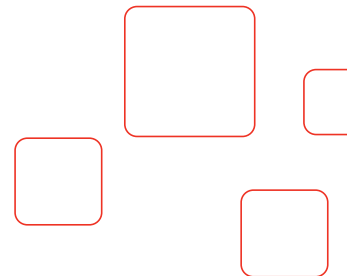
On-board diagnostics



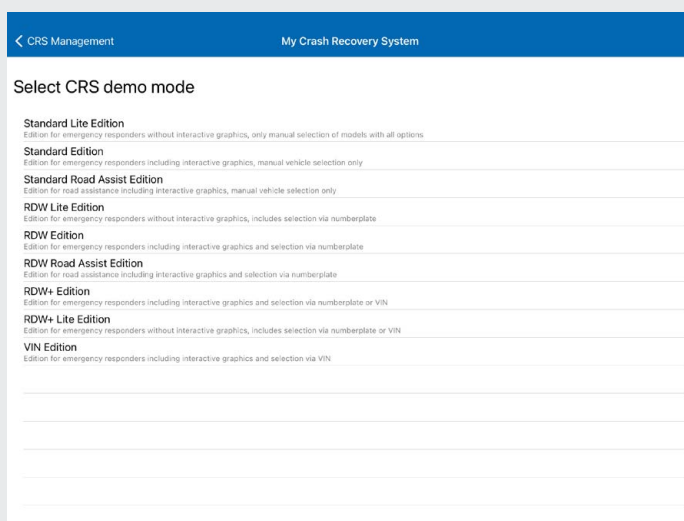
Inertia switch

Chapter 8

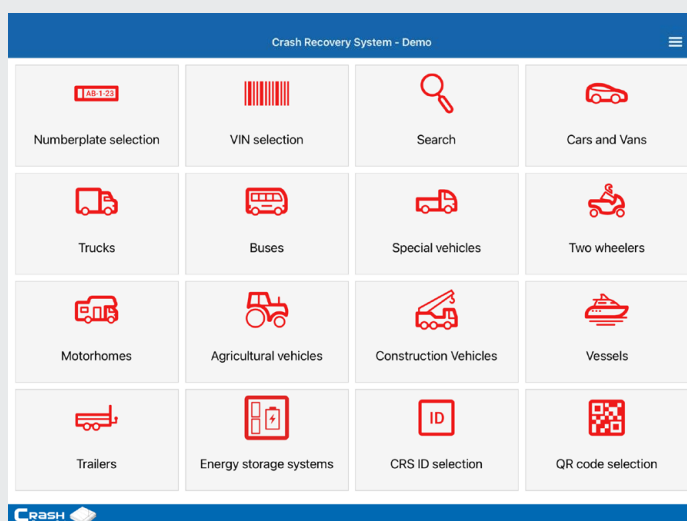
Demo mode



This chapter describes the CRS demo mode. If you have not entered a licence code and the demo mode option is selected, the screen below appears. It is a list of all possible CRS demo editions. Now select a demo mode edition.

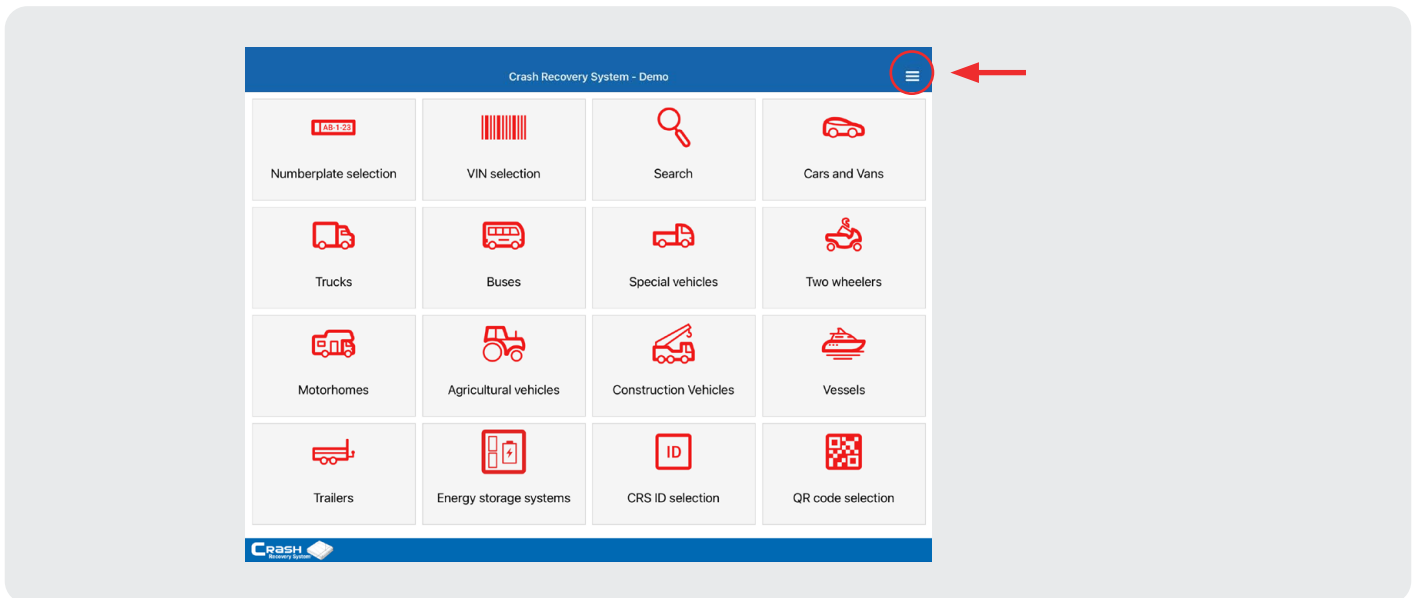


The main screen of the CRS appears. The demo mode has a limited database. Visit www.moditech.com for more information on demo versions.



Demo mode > Settings

Demo mode also has a [Settings](#) menu. This menu is divided into the following options: [Preferences](#) and [My Crash Recovery System](#). These menu options are explained below.



Demo mode > Settings > Preferences (Basic)

Refer to [Preferences \(Basic\)](#) on [page 7](#) for all basic settings within the CRS.

Demo mode > Settings > Preferences (Advanced)

Refer to [Preferences \(Advanced\) settings](#) on [page 10](#) for all advanced settings within the CRS.

Demo mode > Settings > My Crash Recovery System

The My Crash Recovery System menu consists solely of the choice [Demo mode](#), where another CRS edition can be chosen, or [Full mode](#) if you want to switch to a version with full access to the database by using a licence code.

Please note: Consult your administrator for more information on activation using a site licence.

Chapter 9

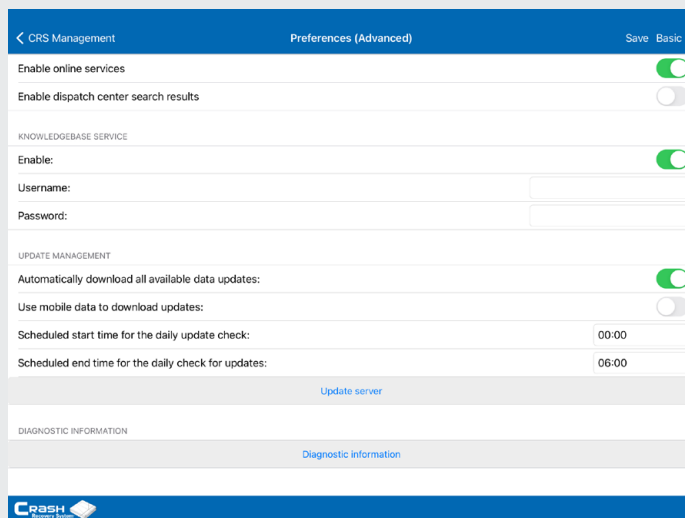
Knowledge Base Service

Knowledge Base Service

This chapter explains how the Knowledge Base Service works. By enabling the Knowledge Base Service, CRS users can add additional information to a particular vehicle within the CRS. In this way, practical experiences and tips & tricks for a specific vehicle model can be shared with other first responders.

To use the Knowledge Base Service, the function must first be activated. Go to [CRS management > Preferences \(Advanced\)](#) and navigate to the heading Knowledge Base Service. Check the [Enable](#) option and fill in the details below, as provided by Moditech.

Note: if you do not have this information to hand, please consult your administrator. The administrator is the person in your organisation responsible for maintaining the Knowledge Base Service.



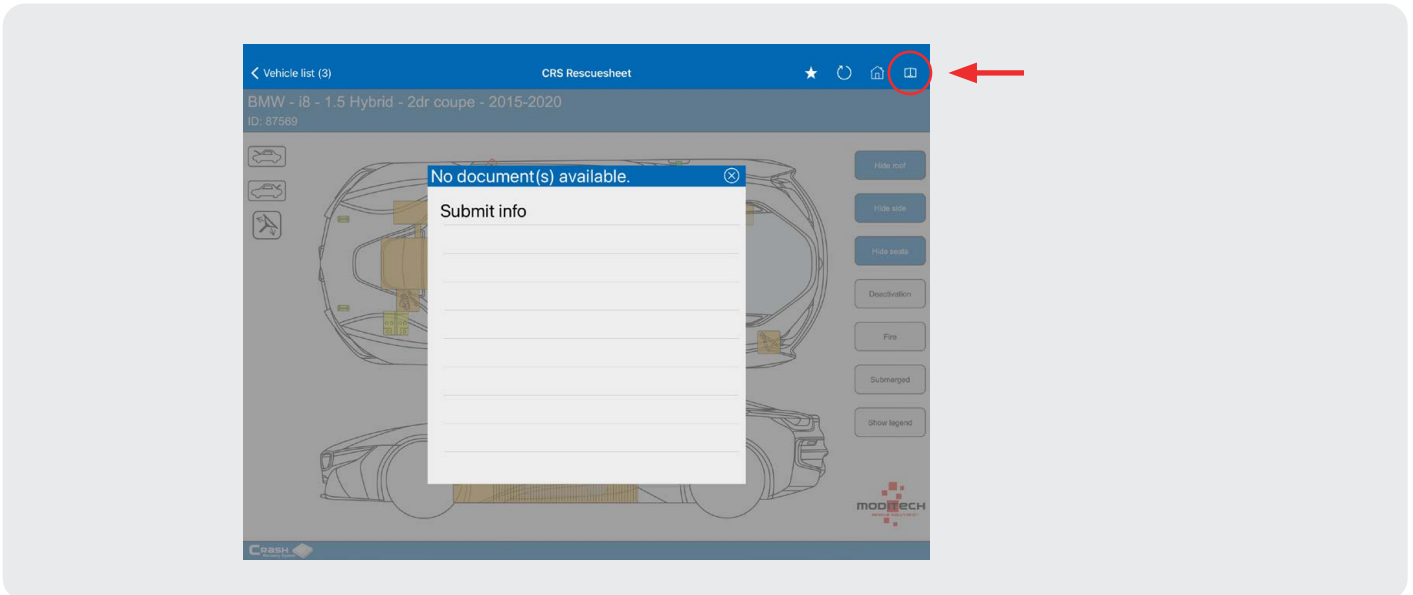
The screenshot shows the 'Preferences (Advanced)' screen in the CRS Management interface. The 'KNOWLEDGEBASE SERVICE' section is highlighted, with a red arrow pointing to the 'Enable' toggle switch, which is currently turned on. Below this, there are input fields for 'Username' and 'Password'. The 'UPDATE MANAGEMENT' section includes a toggle for 'Automatically download all available data updates' (turned on), a toggle for 'Use mobile data to download updates' (turned off), and two time pickers for 'Scheduled start time for the daily update check' (00:00) and 'Scheduled end time for the daily check for updates' (06:00). At the bottom of the screen, there are buttons for 'Update server' and 'Diagnostic information'. The CRASH Recovery System logo is visible in the bottom left corner.

Once the data has been entered correctly, the Knowledge Base Service is active. Click [Save](#) in the [Preferences \(Advanced\)](#) menu. It is now possible to add information to a particular vehicle in the CRS and share it with other rescue workers.



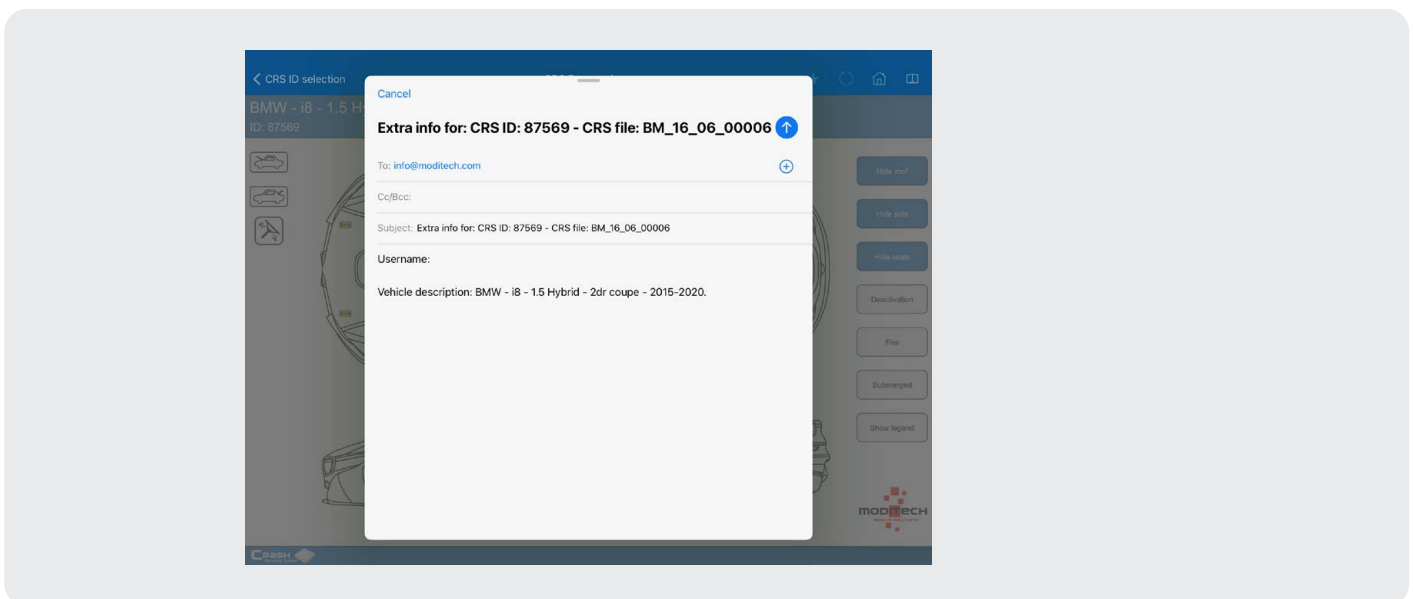
View the instruction video about the use of the Knowledge Base Service [here](#).

After the Knowledge Base Service is activated, a new button is visible in the CRS Rescuesheet (as shown below). Press this button to start the Knowledge Base Service menu. The following pop-up appears:



Send additional information

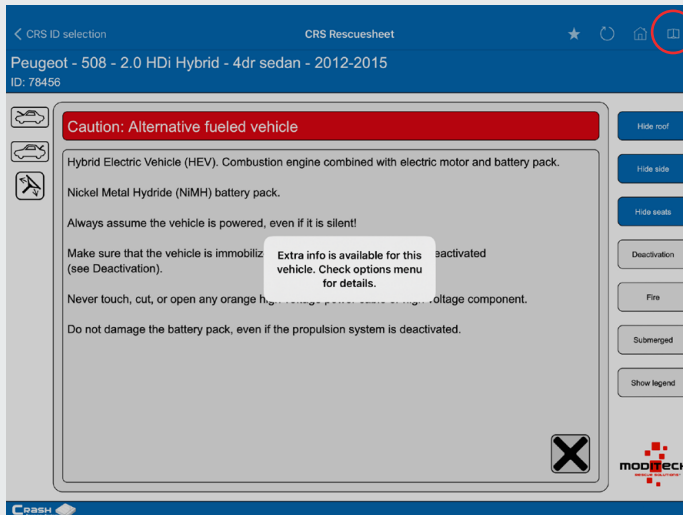
The [Submit info](#) option allows additional information to be added to a specific vehicle within the CRS. After clicking on this option, your email system will open. Here you can enter the relevant information, add a photo if required and send it to the administrator. The administrator then links the information to the relevant model.



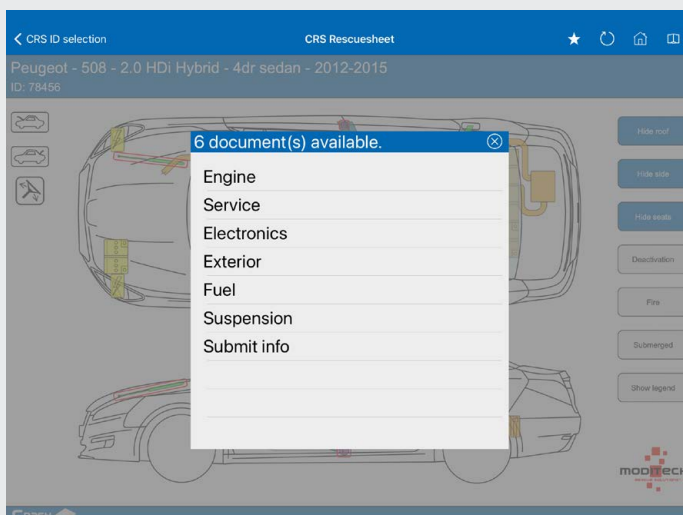
Please note: A connection to a local server is required. For more information please contact Moditech Rescue Solutions B.V., info@moditech.com | +31 226 412 900. Please refer to the 'CRS Knowledge Base Server' manual for more information on managing the Knowledge Base Server.

Download extra information

If information has already been added to a particular vehicle in the CRS, a message stating that additional information is available for this model will appear when the Hide relevant CRS Rescuesheet is opened. Refer to the [Knowledge Base Service](#) button for more details.

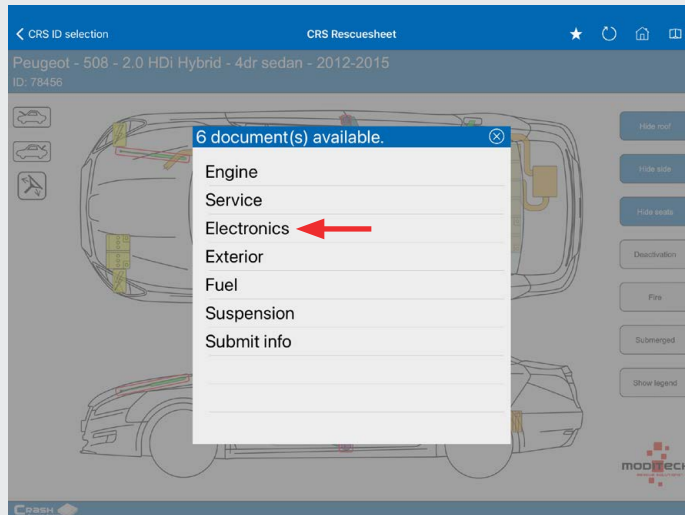


After clicking on this button, a pop-up appears with the available documents. In the case of the Peugeot 508 Hybrid 4, additional information is available in the categories Engine, Service, Electronics, Exterior, Fuel and Suspension.

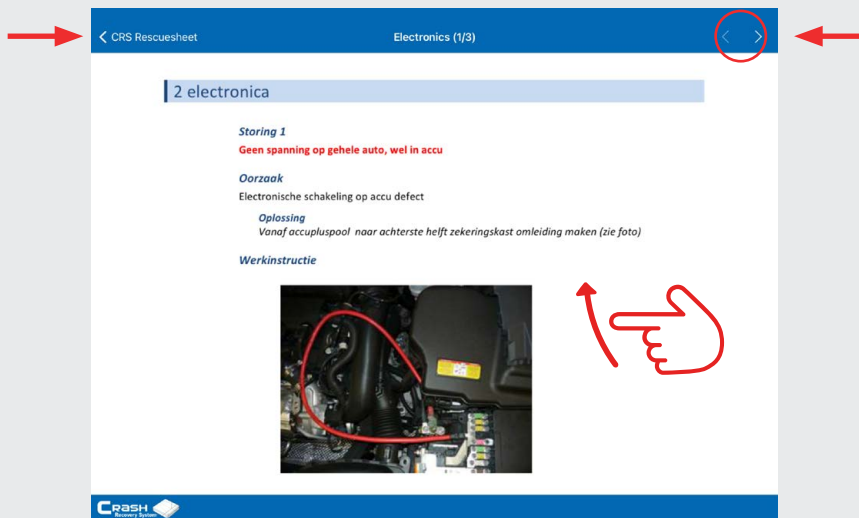


Note: the additional information that can be downloaded is divided into six groups, namely: Engine, Service, Electronics, Electronics, Fuel and Suspension. All this additional information can be downloaded as a PDF file.


For example, select the category 'Electronics' to download the additional information of this specific vehicle related to electronics.




A PDF document for the vehicle Peugeot 508 Hybrid 4 appears.



Explanation of buttons:

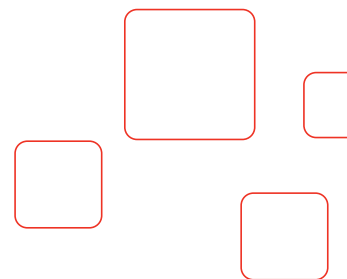
 This button closes the document and returns you to the relevant CRS Rescuesheet.

 These arrow icons take you to the next or previous page of the document.

 Swiping up or down navigates you through the current page.

Chapter 10

Warranty

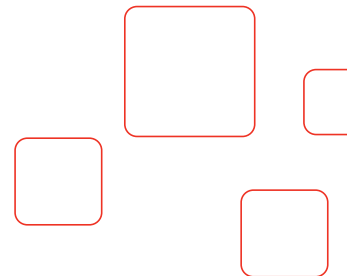


In the event that the CRS software does not function properly after it has been put into operation due to a manufacturing or material defect, the Licensee shall be entitled to call upon the warranty, provided that the defect was not caused by improper use of the software.

This user manual is an integral part of the Licence Agreement and the General Terms and Conditions of Moditech Rescue Solutions B.V. For other warranty provisions, please refer to the General Terms and Conditions of Moditech Rescue Solutions B.V. and the Licence Agreement.

Chapter 11

Liability



The images and information in the CRS were obtained and compiled from reliable sources within the automotive industry.

Moditech Rescue Solutions B.V. has made every effort to ensure that this data is correct and corresponds to the selected vehicle models, but selection errors, production modifications, mistakes or missing items may occur.

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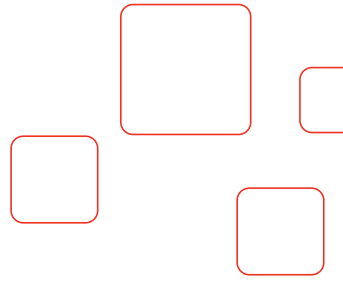
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Know what's inside.
Act with confidence.



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