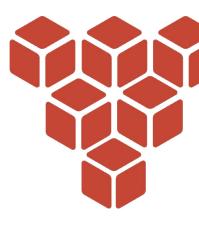


# **Crash Recovery System User Manual** CRS Online Edition



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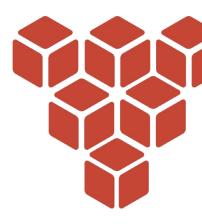
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# Chapter 1 Introduction



Crash Recovery System Online Edition (CRS Online Edition), the vehicle information database for rescue workers around the world. Crash Recovery System Online Edition has been specifically designed for stationary users, such as in rescue coordination centres.

The Crash Recovery System supports emergency teams when rescuing people from vehicles involved in an accident. In just a few seconds, the system provides a complete overview of those safety systems that may put emergency teams and accident victims at risk during the rescue.

The system shows the position of safety and drive systems and provides important information on how to deactivate them. Having all of the necessary data immediately available can save valuable time for a successful rescue.

CRS Online Edition enables the user to easily transfer the type of vehicle via datasheet ID and generate vehicle information in PDF format.

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#### **Technical specifications / System requirements**

Screen resolution:	At least 1024 x 768 pixels
Browser:	Internet Explorer 9 (and higher), Opera 9 (and higher),
	Firefox 54 (and higher), Safari 10 (and higher), Chrome 60 (and higher)
	Plug-ins Adobe SVG Viewer 3.0 (only for Internet Explorer 8)
	JavaScript must be enabled
Additional software:	Adobe Acrobat Reader 5 or higher
URL:	https://www.crashrecoverysystem.com,
	https://wws.crashrecoverysystem.com (via port 433)

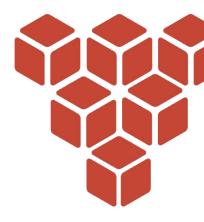
#### Update database

The CRS Online Edition database is updated automatically. A manual update is not required.

#### Support

Please contact us on <a href="mailto:crs.support@bliksund.com">crs.support@bliksund.com</a> if you need help.

# Chapter 2 Installation



#### Introduction

No software needs to be installed in order to use Crash Recovery System Online Edition. CRS Online Edition can therefore be run on any PC with access to the Internet. The system requirements (see technical specifications) must be met, and **access to the secured NdB network** with an authorised IP address is necessary. The IP address should start with **192.168.x.x**.

### **Calling up CRS Online Edition**

Crash Recovery System Online Edition is launched by calling up the website <a href="https://www.crashrecoverysystem.com/crswebedition">https://www.crashrecoverysystem.com/crswebedition</a> in the Internet browser. Log on with the license code and corresponding password.

	•=	- 1
Login Name: Password:	Forgotten password?	

#### Calling up CRS Online Edition > Password management

If you don't have an administrator password yet or have forgotten your administrator password, you should **first create a new password for your administrator account via** https://www.crashrecoverysystem.com/crswebedition/index.php?menu=password\_forgotten.

You can then log in to the start screen of the online edition (<u>https://www.crashrecoverysystem.com/</u> <u>crswebedition</u>) with your administrator name and newly saved password. Here you can change your **password for the Online Edition**.

With your **licence code** and newly saved password (**not** the administrator password) you can then log in to the online edition (<u>https://www.crashrecoverysystem.com/crswebedition</u>).



Reset Administrator password – Enter your Moditech registered / Administrator e-mail address:	Administrator e-mail address. This e-mail address will be used to submit the required instructions.	
---	---	--

License code Administrator username:	10740618 10740618_admin
New Administrator password:*:	
Confirm new password	
*: The password must be composed of at	least 10 characters, and include at least one lowercase letter, one uppercase letter, one number and a special character: #\$%-/:=?@_]]}
	Save

#### Please note:

We inform the system administrator of the password expiry. Only the system administrator is authorised to change the password of a CRS Online Edition.

The linked password should be renewed every 90 days. Enter your details and click "Save". Your password must be at least 10 characters long and contain at least one upper case letter, one lower case letter, one number and one special character !#\$%/:=?@\_[]{}.

The responsible system administrator can be forwarded to Bliksund AS via <a href="mailto:crs.support@bliksund.com">crs.support@bliksund.com</a>.

#### Calling up CRS Online Edition with mission control system

If you are using a mission control system such as ISE Cobra, DATUS, Scheusner, we recommend contacting your provider for an interface with our CRS Online Edition.

# Chapter 3 Settings

### General

When Crash Recovery System Online Edition is started, the home screen is displayed. In the top menu you can find helpful user information under the General button.

Vehicle search + Agricultural vehicles +	Servic Privac	ral ↓ ce Information cy	Vehicle selection CRS information sheet	Campers v	Two wheelers ↓	Logout
-Licence management-	Licen	se agreement	System requirements Support FAQ			
Name Licencecode Product Day of expiry Status of subscription	Moditech Rescue Solutions B.V. 00000000 Crash Recovery System RDW+ 31 December 2021 23:59:59 Valid	Edition				
Preferences CRS Language	English					
Auto Select Worst Case OEM Datasheet-ID	No 🕄 (j) Yes 🗳 (j) Yes 😂 (j)					
ISO colour scheme License plate country VIN country	Yes C (1) Netherlands C United States of America C					
Start page Set as default	My settings - My settings 3					

It is devided in Service information (Vehicle selection, CRS information sheet, System requirements, Support and FAQ), Privacy and License agreement.

Vehicle selection	How to select a vehicle, step by step.
CRS information sheet	Explains the use of a CRS Rescuesheet.
System requirements	Shows the hardware and software required to use this webapplication.
Support	Shows contact information when you have problems or questions.
FAQ	Here you can find the Frequently Asked Questions.
Privacy	Important information about our privacy policy.
License agreement	Here you can find the License Agreement between you and Bliksund AS.

# Settings

Settings in Crash Recovery System Online Edition can be modified under the menu item Settings. The following options for settings are available there:

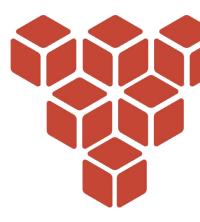
My settings         Licencecode       Moditech Rescue Solutions B.V.         Licencecode       0000000         Product       Crash Resource Solutions B.V.         Licencecode       0000000         Product       Crash Resource Solutions B.V.         Jaus of subscription       Valid         Preferences       CRS Language         CRS Language       Image: I	Agricultural vehicles.	General •		<b>=</b> *	<u>8</u> Log
Name       Moditech Rescue Solutions B.V.         Licencode       0000000         Product       Crash Recovery System RDW+ Edition         Day of expiry       31 December 2021 23:59:59         Status of subscription       Valid         Preferences       C         CRS Language       Implie         Auto Select       Veral         Vorat Case       Implie         VOrat Case       Implie         Solour scheme       Implie         VN contry       Impliement         Start selecting a vehicle graphic by using the menu at the top. The vehicle selection starts by clicking on a region.         Select vehicle graphics will be listed in the menu at the top under "Current vehicle list" which appears automatically when a graphic is generated.         Moditech vehicle graphics       Listed in the menu at the top under "Current vehicle list" which appears automatically when a graphic is generated.	My settings				$\smile$
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Status of subscription     Valid       Preferences     CRS Language       CRS Language     Implify       Auto Select     Implify       Vorst Case     Implify       So colour scheme     Implify       License plate country     Implify       Vin Kountry     Implify       Start page     Implify       Start selecting a vehicle graphic by using the menu at the top. The vehicle selection starts by clicking on a region.       Selected vehicle graphics will be listed in the menu at the top under "Current vehicle list" which appears automatically when a graphic is generated.       Moditech vehicle graphics			dition		
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CRS Language Auto Select Verst Case Verst Vers	Status of subscription	Valid			
Auto Select Versit Case Version Control Version Case Vers	-Preferences				
Worst Case       Image: Case         OEM Datasheet-ID       Image: Case         ISO colour scheme       Image: Case         Ucense plate country       Image: Case         Start page       My settings: M	CRS Language	English			
OEM Datasheel-ID       Image: Constraint of the image: C	Auto Select	Yes 😑 👔			
ISO colour scheme License plate country Vin country Start page Set as default Start selecting a vehicle graphic by using the menu at the top. The vehicle selection starts by clicking on a region. Selected vehicle graphics will be listed in the menu at the top under "Current vehicle list" which appears automatically when a graphic is generated. Modifiech vehicle graphics	Worst Case	Yes 😑 🚯			
ISO colour scheme vs. Country verteartings Country	OEM Datasheet-ID	Yes 😑 🚯			
Licons plate country Networks 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ISO colour scheme				
Start page Set as default	License plate country	Netherlands 🕒			
Set as default Save Start selecting a vehicle graphic by using the menu at the top. The vehicle selection starts by clicking on a region. Selected vehicle graphics will be listed in the menu at the top under "Current vehicle list" which appears automatically when a graphic is generated. Modifiech vehicle graphics	VIN country	United States of America			
Save Start selecting a vehicle graphic by using the menu at the top. The vehicle selection starts by clicking on a region. Selected vehicle graphics will be listed in the menu at the top under "Current vehicle list" which appears automatically when a graphic is generated. Modifiech vehicle graphics					
Start selecting a vehicle graphic by using the menu at the top. The vehicle selection starts by clicking on a region. Selected vehicle graphics will be listed in the menu at the top under "Current vehicle list" which appears automatically when a graphic is generated. Modifiech vehicle graphics	Set as default	2			
Selected vehicle graphics will be listed in the menu at the top under "Current vehicle list" which appears automatically when a graphic is generated. Modifach vehicle graphics		Save			
Selected vehicle graphics will be listed in the menu at the top under "Current vehicle list" which appears automatically when a graphic is generated. Modifech vehicle graphics					
Selected vehicle graphics will be listed in the menu at the top under "Current vehicle list" which appears automatically when a graphic is generated. Modifech vehicle graphics					
Moditech vehicle graphics	Start selecting a vehicle gra	aphic by using the menu at the top. The	vehicle selection starts by clicking on a	region.	
Moditech vehicle graphics	Selected vehicle graphics will	he listed in the menu at the ton under "Cu	Irrent vehicle list" which appears automatica	ly when a graphic is generated	
	selected vehicle graphics will	be instea in the mend at the top under Cu	aren venicie ilsc which appears automatica	ny when a graphic is generated.	
	Moditech vehicle graphics				
	-				

CRS language	Select the language used in the vehicle graphics.
Auto Select	Automatically selects, in manual vehicle selection, provided that only one option is available in vehicle selection.
Worst Case	Automatically selects, in manual vehicle selection, the vehicle with all available options (model with question mark). Selection of engine type is not required.
OEM Datasheet-ID	Also shows the OEM datasheet ID in addition to the CRS datasheet ID.
ISO colour scheme	Select this option to use the official ISO colours in the vehicle datasheets.
License plate country requests.	Selects the country to be used as a default for vehicle licence plate
VIN country	Selects the country to be used as a default for VIN requests.
Start page	Select the preferred home page here.
Set as default	Sets these settings as default when starting CRS.

#### Please note:

Select Save to save the changes made to your settings.

# Chapter 4 Vehicle selection



#### Manual vehicle selection

Vehicle search v Agricultural vehicles	Europe	vy duty truck 🔹 📗	Bus 🔻	Special vehicles +	Campers 🔹	Two wheelers 🗸	
	United Kingdom					💻 💥 📜 20	Logout
My settings	North-America Pacific						
-Licence management-							
Name	Moditech Rescue Solution	ns B.V.					
Licencecode	00000000						
Product	Crash Recovery System I						
Day of expiry	31 December 2021 23:59	:59					
Status of subscription	Valid						
Preferences							
CRS Language	English	0					
Auto Select	Yes 🖯 🛈						
Worst Case	Yes 🖨 🚯						
OEM Datasheet-ID	Yes 😑 🚯						
ISO colour scheme	Yes 🔁 🚯						
License plate country	Netherlands	8					
VIN country	United States of America	8					
Start page	My settings - My settings	8					
Set as default							
	Save						
Start selecting a vehicle g	raphic by using the menu at the	top. The vehicle se	election starts I	by clicking on a regi	on.		
Selected vehicle graphics v	ill be listed in the menu at the top u	inder "Current vehic	cle list" which ap	pears automatically w	hen a graphic is gene	erated.	
Moditech vehicle graphic	i -						

Select the database to be used for the vehicle selection. The available databases are divided into regions (e.g. Europe or North-America) and vehicle type (Passenger vehicle, Heavy duty truck, Bus, Special vehicles, Campers, Two wheelers or Agricultural vehicles). The databases contain all vehicles currently or previously sold on the corresponding market and fitted with at least one (optional) airbag. A list of vehicle manufacturers is displayed:

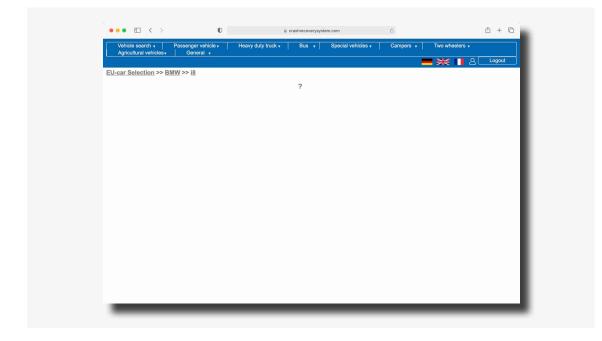
••• •	0	crashrecoverysystem.com	5	₫ + ©
Vehicle search  Passenger vehi Agricultural vehicles General		Bus 🖌 Special vehi	cles • Campers • Two wheelers •	
			= ** 💵 8	२ Logout
EU-car Selection				
Abarth	DS Automobiles	Lexus	RAM	
Aiways	Emoss	Lincoln	Renault	
Alfa Romeo	Ferrari	Lotus	Rolls-Royce	
Alpine Renault	Fiat	Lynk Co	Rover	
Artega	Fisker	MAN	Saab	
Aston Martin	Ford	Maserati	SAIC Motor	
Audi	Galloper	Maxus	Seat	
Azure Dynamics	Genesis	Maybach	Seres	
Bentley	Honda	Mazda	Skoda	
BMW	Hummer	McLaren	Smart	
Bollore	Hyundai	Mercedes-Benz	Spyker	
Bugatti	Infiniti	Mercury	SsangYong	



EU:car Selection >> BMW         1-Serie       M3         2-Serie       M4         3-Serie       M5         4-Serie       M6         5-Serie       M8         6-Serie       X1         7-Serie       X2         8-Serie       X3         Active E       X4         Hydrogen 7       X5         13       X6         18       X7         IX3       Z3         M1       Z4	Agricultural vehicles General V	Heavy duty truck 🔹 📔 Bus 👻	Special vehicles -	Campers V Two wheelers V	
1-Serie       M3         2-Serie       M5         3-Serie       M6         5-Serie       M8         6-Serie       X1         7-Serie       X2         8-Serie       X3         Active E       X4         Hydroger 7       X5         13       X6         143       X7         1X3       Z3         M1       Z4				a 💵 💥 💻	Logout
2-Serie       M4         3-Serie       M5         4-Serie       M6         5-Serie       M8         6-Serie       X1         7-Serie       X2         8-Serie       X3         Active E       X4         Hydrogen 7       X5         13       X6         143       X7         1X3       Z3         M1       Z4	EU-car Selection >> BMW				
3-Serie       M5         4-Serie       M6         5-Serie       M8         6-Serie       X1         7-Serie       X2         8-Serie       X3         Active E       X4         Hydrogen 7       X5         18       X7         1X3       Z3         M1       Z4		1-Serie	M3		
4-Serie       M6         5-Serie       M8         6-Serie       X1         7-Serie       X2         8-Serie       X3         Active E       X4         Hydrogen 7       X5         i3       X6         iK3       X7         iK3       Z3         M1       Z4		2-Serie	M4		
5-Serie       M8         6-Serie       X1         7-Serie       X2         8-Serie       X3         Active E       X4         Hydrogen 7       X5         i3       X6         i8       X7         iX3       Z3         M1       Z4		3-Serie	M5		
6-Serie       X1         7-Serie       X2         8-Serie       X3         Active E       X4         Hydrogen 7       X5         i3       X6         i8       X7         iX3       Z3         M1       Z4		4-Serie	M6		
7-SerieX28-SerieX3Active EX4Hydrogen 7X5I3X6I8X7IX3Z3M1Z4		5-Serie	M8		
8-SerieX3Active EX4Hydrogen 7X5i3X6i8X7iX3Z3M1Z4		6-Serie	X1		
Active EX4Hydrogen 7X5i3X6i8X7iX3Z3M1Z4		7-Serie	X2		
Hydrogen 7     X5       i3     X6       i8     X7       iX3     Z3       M1     Z4		8-Serie	X3		
i3     X6       i8     X7       iX3     Z3       M1     Z4		Active E	X4		
i8 X7 iX3 Z3 M1 Z4		Hydrogen 7	X5		
iX3 Z3 M1 Z4		i3	X6		
M1 Z4		18	X7		
		iX3	Z3		
20		M1	Z4		
MZ Z8		M2	Z8		

After selecting the manufacturer (in this case BMW) a list of available models is displayed.

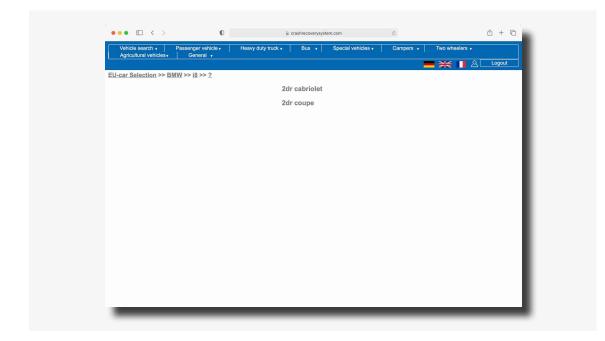
After selecting the corresponding model, a list of available engine types is displayed. Select ? if you are unsure of the engine type. The ? shows the model with maximum options.



### Please note:

If the Auto selection option has been activated, then selection steps with only one option are automatically skipped.

In the next selection step, the body design must be selected.



The last selection step is the selection of the model year. Choose the right option and the CRS Rescuesheet will be immediately displayed.

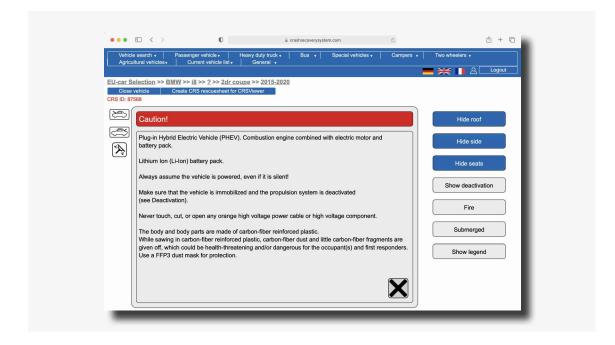
Vehicle search ▼	uck • Bus • Special vehicles •	Campers V Two wheelers V	Ů + (
		<b>= * 11</b> 2	Logout
EU-car Selection >> BMW >> i8 >> ? >> 2dr coupe			
	2015-2020		
	2014-2015		

#### Please note:

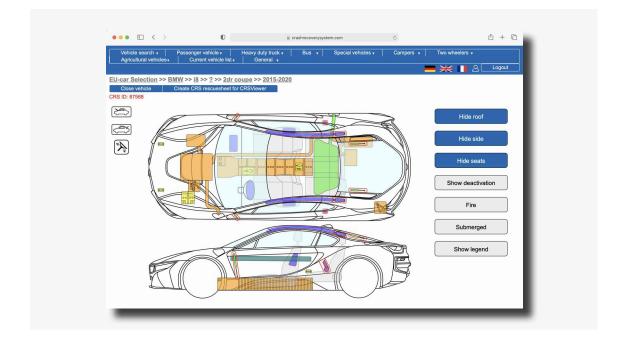
You can return to an earlier vehicle selection step at any time by clicking a selection in the information bar. Example: From the BMW selection, return to the selection of possible BMW models.

If the selected vehicle is a model with hybrid, electric or hydrogen transmission, then an information screen is displayed (RDW Edition only). This screen contains important information on how to proceed with the vehicle.

Clicking the X button in the bottom right corner hides the information screen, and the selected vehicle can be seen.



If it is not a vehicle with hybrid, electric or hydrogen transmission, then the CRS Rescuesheet is immediately displayed. The vehicle selection using the manual selection procedure has been completed.



#### Request license plate number (RDW edition)

	Passenger vehicle  Heavy duty truck  Bus  Special vehicles  Campers  Two wheelers  Current vehicle list  General
VIN	
<u>Ny settings</u>	
Licence management	
Name	Moditech Rescue Solutions B.V.
Licencecode	0000000
Product	Crash Recovery System RDW+ Edition
Day of expiry	31 December 2021 23:59:59
Status of subscription	Valid
Preferences	
CRS Language	English G
Auto Select	No E ()
Worst Case	Yes B
OEM Datasheet-ID	Yes 📴 🚯
ISO colour scheme	Yes 🗧 🚯
License plate country	Netherlands D
VIN country	United States of America
Start page	My settings - My settings 🗧
Set as default	
	Save

Select Vehicle search and Licence plate in the top left corner of the menu, to display a window where you can enter a vehicle license plate number. Using the drop-down menu, the country of origin of the license plate can be specified.

	rehicle • Heavy duty truck • Bi t vehicle list • General •	us 🔹 Special vehicles 🔹 Campers 🔹	Two wheelers v
Agricultural vehicles + Current			<b>⊨ </b> ₩ 🛯 ८ 🗠
License plate request			
Netherlands			
H805JL			

#### Please note:

Since the modification to vehicle registration legislation, interchangeable plates can be issued in Germany since 1 July 2012. This basically means that there is an interchangeable plate comprising an interchangeable element (which must be switched before the journey) and a fixed vehicle-specific part for each vehicle (see photo on next page). In the central vehicle register of the Federal Office for Motor Vehicles, the complete license number assigned to the vehicle is registered, comprising the common part and the vehicle-specific part.



In the example shown in the photo, two different license plate number requests are then possible, namely:

B VM 146 (common part) + 1 (vehicle-specific part) = **B VM 1461** B VM 146 (common part) + 2 (vehicle-specific part) = **B VM 1462** 

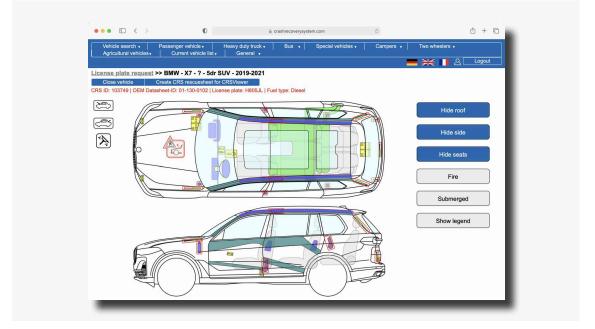
Press Search or the return key to start the vehicle license plate number request. A successful request displays the request result. If the data from the national vehicle register is not clear, then several options are proposed, if applicable. The data sheet ID is also displayed and can be communicated in a timely manner.

In the next selection step, the right body design must be selected.

1805	5JL	
BMW X7 I	M50D Stationwagen Z	Search Clear all WART, 14-2-2020, Diesel
CRS ID:	OEM Datasheet-ID:	CRS System database description:
103749	<u>01-130-0102</u>	BMW - X7 - ? - 5dr SUV - Panoramic roof - 2019-2021 (Diesel)
<u>93596</u>	01-130-0102	BMW - X7 - ? - 5dr SUV - 2019-2021 (Diesel)
Only mode	els (2) with all options.	

If the selected vehicle is a model with hybrid, electric or hydrogen transmission, then an information screen is displayed (RDW Edition only). This screen contains important information on how to proceed with the vehicle. Clicking the X button in the bottom right corner hides the information screen, and the selected vehicle can be seen.

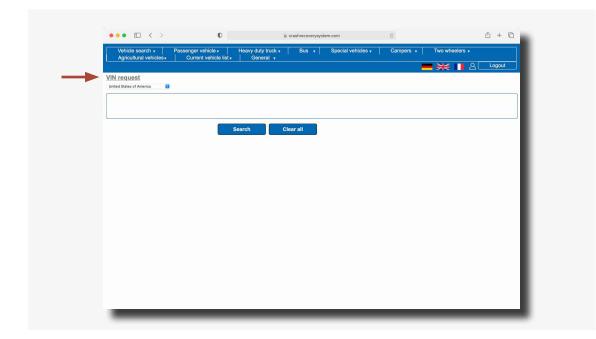
If it is not a vehicle with hybrid, electric or hydrogen transmission, then the CRS Rescuesheet is immediately displayed. The vehicle selection by requesting a licence plate has been completed.



### VIN request (RDW edition)

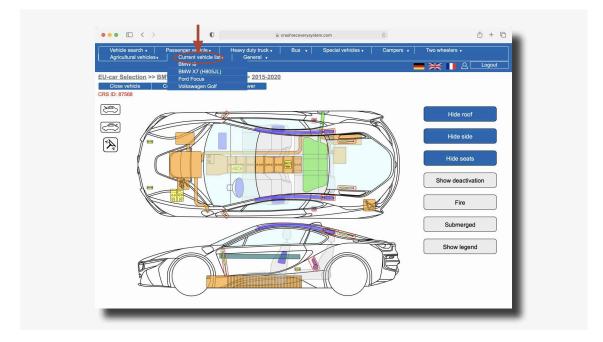
Vehicle search +		leavy duty truck 🗸	Bus 🗸	Special vehicles +	Campers 🗸	Two wheelers 🗸	
License plate	Current vehicle list +	General 🗸					Logout
					-	<b>- ** </b> 8	Logout
My settings							
Licence management							
Name	Moditech Rescue Solu	utions B.V.					
Licencecode	0000000						
Product	Crash Recovery Syste	em RDW+ Edition					
Day of expiry	31 December 2021 23	3:59:59					
Status of subscription	Valid						
Preferences							
CRS Language	English	Θ					
Auto Select	No 3						
Worst Case	Yes 🖯 (i)						
OEM Datasheet-ID	Yes 🛢 (j)						
ISO colour scheme	Yes G						
License plate country	Netherlands	Θ					
VIN country	United States of America	0					
Start page	My settings - My settings	0					
Set as default							
	Save						
Start selecting a vehicle of	raphic by using the menu at t	he top. The vehicle :	selection starts	by clicking on a regio	n.		
Selected vehicle graphics v	vill be listed in the menu at the to	op under "Current veh	icle list" which ap	pears automatically wh	en a graphic is gene	rated.	
Moditech vehicle graphic							
	lay the interactive Moditech SV	C Vahiala graphical					

Select Vehicle search and VIN in the top left corner of the menu to display a window where a vehicle identification number (VIN) can be entered. Using the drop-down menu, the VIN country of origin can be specified. Press Search or the return key to start the VIN request. The request result is presented in a manner similar to the license plate number request.

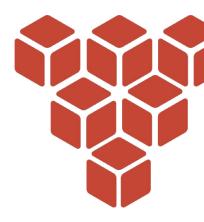


#### **Current vehicle list**

Each CRS Rescuesheet that is requested in CRS Online Edition, is automatically added to the vehicle list. Select Current vehicle list in the top menu to display a list that allows you to switch quickly and easily between multiple, previously opened CRS Rescuesheets. The Close vehicle button in a CRS Rescuesheet closes the current selection, and the vehicle is no longer displayed in the Current vehicle list.

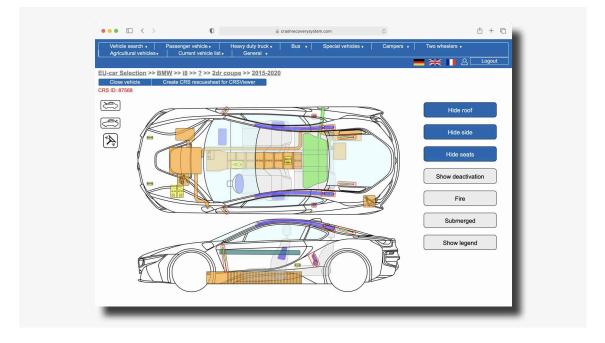


# Chapter 5 CRS Rescuesheet



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 (CRS Online RDW Edition only).

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.



The displayed CRS datasheet ID facilitates communication between the CRS Online Edition user and CRS. The CRS datasheet ID can be sent wirelessly and entered in all versions of CRS. The associated vehicle is then selected directly. The OEM datasheet ID can also be displayed as an option, provided that it is available. The OEM datasheet ID can also be used for vehicle selection on a remote terminal.

#### Please note:

The OEM datasheet ID is less precise and always refers to the vehicle with the maximum fittings. Situations may arise where a CRS datasheet ID is displayed, but there is no OEM datasheet ID.

#### Buttons

Two buttons are located under the information bar. The Close vehicle button closes the current selection. The vehicle is no longer displayed in the <u>Current vehicle list</u>. The <u>Create CRS rescuesheet</u> for <u>CRS Viewer button</u> generates a PDF file containing the CRS Rescuesheet and all interactive information as well as the available photos. The PDF file will be generated in the background. When the file creation is complete, the (encrypted) PDF-file is automatically made available for 24 hours to local firebrigades using a CRSViewer.

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 <u>Chapter 6: Overview of Components</u>.

#### Please note:

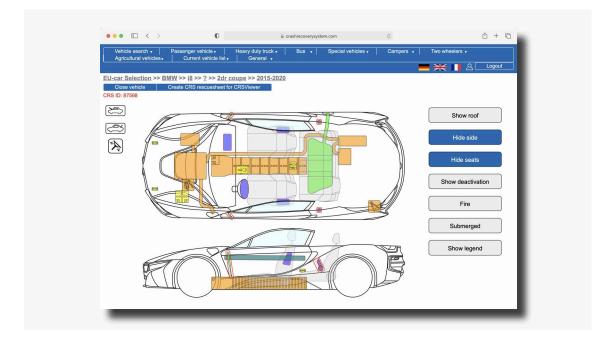
If the selected model is a vehicle with an alternative drive (electric or hybrid), when the CRS Rescuesheet is opened, the CRS immediately displays a warning screen with information on the type of drive.

		🛛 📕 💥 🔲 🛆 🗌 Logout
EU-car Selection >> BMW >> i8 >> ? >> 2dr coupe = Close vehicle Create CRS rescuesheet for CRSVi		
Close vehicle Create CRS rescuesheet for CRSVi CRS ID: 87568	lewer	
Caulioni		Hide roof
Plug-in Hybrid Electric Vehicle (PHEV). Con           battery pack.	mbustion engine combined with electric motor and	Hide side
Lithium Ion (Li-Ion) battery pack.		Hide seats
Always assume the vehicle is powered, eve	en if it is silent!	
Make sure that the vehicle is immobilized an	nd the pronulsion system is deactivated	Show deactivation
(see Deactivation).		Fire
Never touch, cut, or open any orange high v	voltage power cable or high voltage component.	Fire
The body and body parts are made of carbo	on-fiber reinforced plastic.	Submerged
While sawing in carbon-fiber reinforced plas	stic, carbon-fiber dust and little carbon-fiber fragments are and/or dangerous for the occupant(s) and first responders.	
Use a FFP3 dust mask for protection.	and/or dangerous for the occupant(s) and first responders.	Show legend

By clicking on the Cross icon the warning screen disappears and the vehicle image appears.

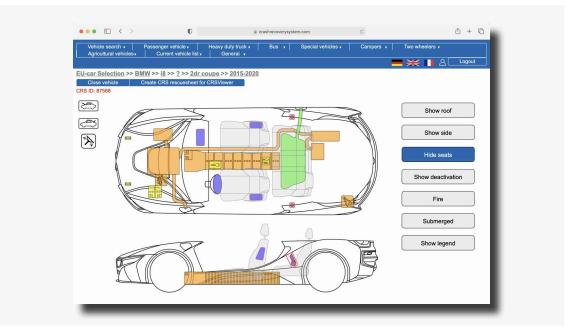
#### Buttons > Hide roof

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.



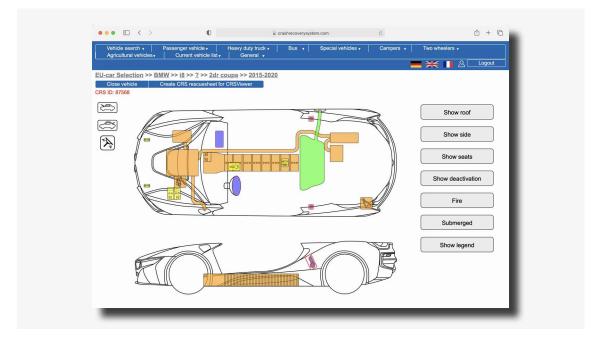
#### Buttons > Hide side

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

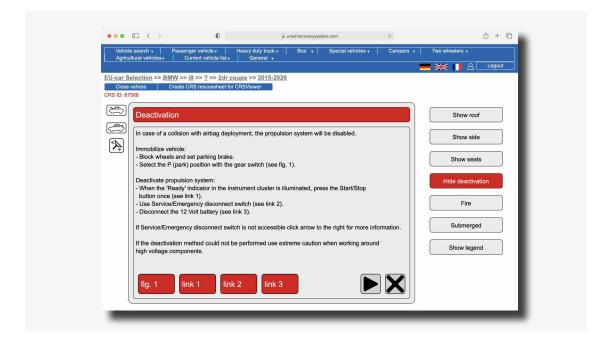
The seats are hidden with the Hide seats button. The location of all components on and under the base plate, such as the SRS sensor and the fuel tank, is now immediately clear. These can now also be clicked on. The seats are shown again after clicking the Show seats button.



#### Buttons > Show 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.

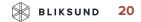
By clicking on the Cross icon or the Deactivation button the screen disappears and the vehicle image reappears.



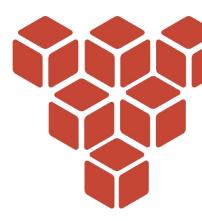
## Buttons > Show legend

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.

	search + Passenger ural vehicles+ Curre	vehicle • Heavy duty truck • Bus • 5 int vehicle list • General •	Special vehicles • Campers •	Two wheelers 🗸
				📕 💥 📋 🖉 Logout
EU-car Se Close v		>> ? >> 2dr coupe >> 2015-2020 rescuesheet for CRSViewer		
CRS ID: 875				
2	Legend			Hide roof
	Danger zone	Avoid these zones whenever possible.		Hide side
	Aishan			Hide seats
	Airbag	Airbag components.		
	Electro	Electric or electronic (SRS) components.		Show deactivation
	Electro > 60V	Electric or electronic components > 60V.		Fire
	Destructions			
	Pretensioner	Belt pretensioner components.		Submerged
	Miscellaneous	Miscellaneous components.		Hide legend
	Reinforcement	Reinforcement components.		Theo logona
	Glazing	Front, rear and side glazing.	X	



# Chapter 6 **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



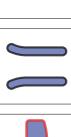
In dashboard: Passenger airbag In seat: Antisubmarining airbag



Side impact airbag (Seat)



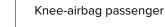
Side impact airbag (Side)



Knee-airbag driver

Stored gas inflator (for curtain

Curtain airbag (Head impact)



airbags)

**Belt pretensioner** 



Belt pretensioner



### Hydrogen



Gas (H2) pressure direction



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



Gas line (H2)



H

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

gas type indication (H2)

Gas tank with



Fuel cell component

# Electronics > 30 V



Battery pack



High voltage component



Ultra-capacitor (> 30 V)



Low voltage device that disconnects high voltage



Emergency disconnect (Cut cable)



A EV

High voltage device that disconnects high voltage



High voltage power cable



Pantograph down (buses only)



Pantograph up (buses only)

Special battery

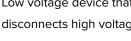
access



Fuse box disabling high voltage







## Electro



Sensor side/front



Battery (12 V)



Truck/Bus battery (24 V)



SRS control unit Roll bar control unit



((I(O)))

Main battery switch

only.

Sensor side/front (mechanical)

Backup power- supply (if separate

from SRS control unit. Ultra-

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

capacitor (< 30 V)



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



Fuel warning indicator



Xenon lights



Solar panel

### Seats



Front seat top view



Front seat / back seat side



Truck bed top view

view



Back seat top view

Truck seat side view

Truck bed side view





### **Miscellaneous**



Cylinder to support engine hood or trunk lid



Fuel tank (Petrol)



Fuel tank (Diesel)



Air tank



Engine hood opening (hood opening to the rear)



Chargeplug



Seat adjustment

Lifting points

Trunk lid opening

Automatic roll bar

Fuel tank

(Miscellaneous)

Hydraulic oil

Air intake (truck/bus)

Steering wheel tilt



Grill opening (truck)



 $(\Box)$ 

Height control (truck)

Emergency

door release



Height control (bus)



Carbon-fiber reinforced plastic



Seat height adjustment by air (truck/bus)







Pedestrian protection system



Remove smart key/ starter key



Emergency exit right hand



Break to obtain access



Emergency exit left hand



Emergency door opener

Automatic fire suppression



Emergency exit roof hatch (buses/coaches only)



Cabin suspension (trucks only)



Cabin tilting (trucks only)



Driver rest area (buses/coaches only)



Toilet cabin (buses/coaches only)

Nitrogen gas bulbs



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)



Gas pressure direction

(tractors only)



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)



Gas tank with gas type indication (DME)



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



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

# Air conditioning

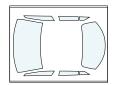


Air conditioning component



Air conditioning line

### Glazing



Glazing, glass or plastic, tempered or laminated

### Reinforcement



Reinforcement components in bodywork



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



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



Gas tank with gas type indication (LNG)



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

# **Road Assist Edition**



Automatic gearbox



Recovery



Electric parking brake



On-board diagnostics

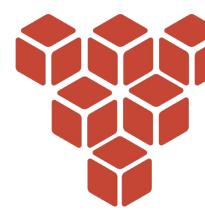


Jump-starting



Inertia switch

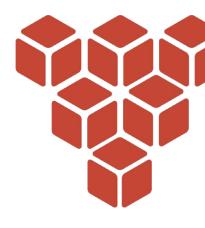
# Chapter 7 Warranty



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 Bliksund AS For other warranty provisions, please refer to the General Terms and Conditions of Bliksund AS and the Licence Agreement.





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