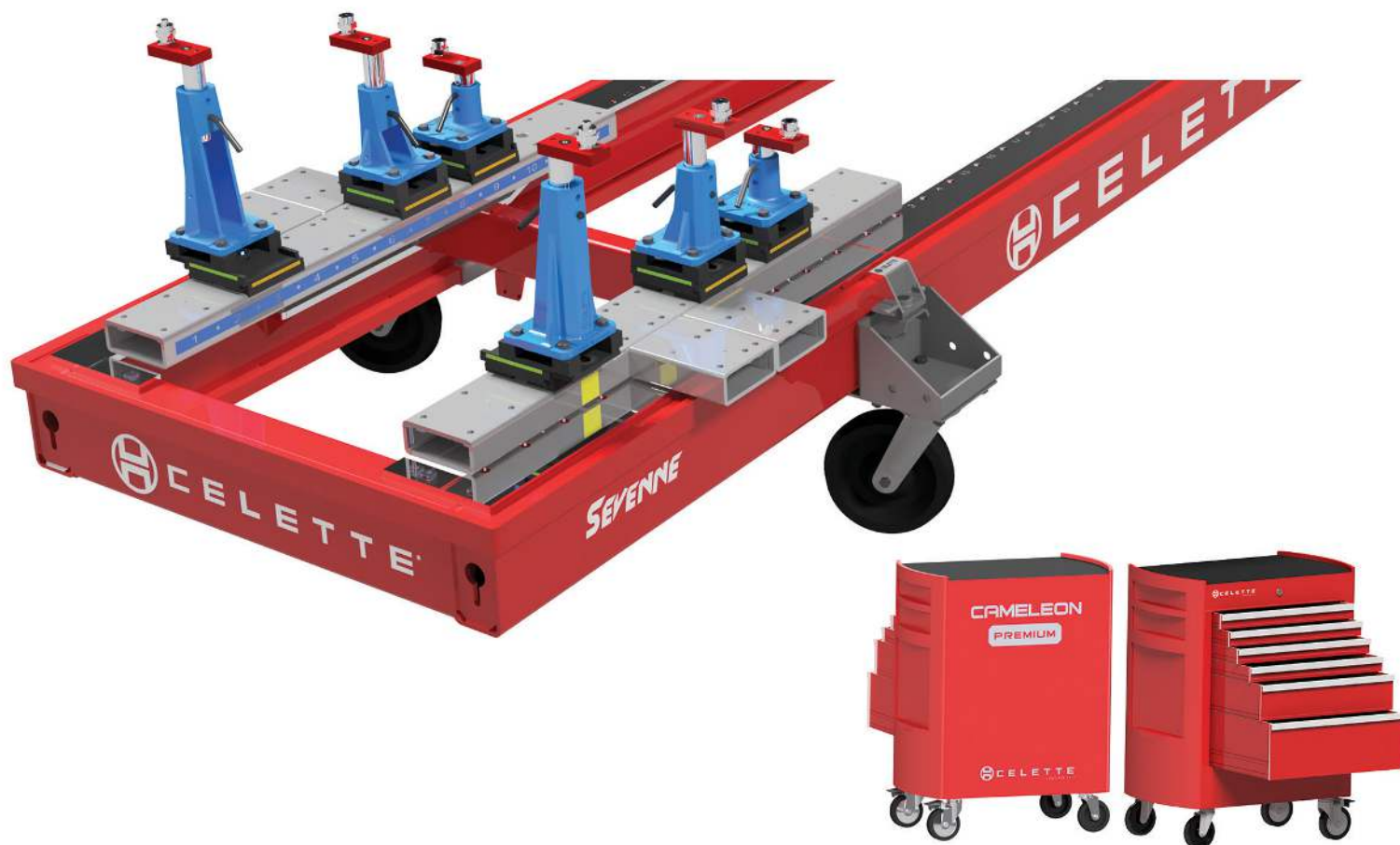




CAMELEON ▶

WEB TOOLS

ORIGINAL MANUAL
PRODUCT REF NO: XXXXXXXXX
MANUAL REF NO: XXXXXXXXX
06/2023 - REV. 1.1

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FOREWORD:

This instruction leaflet is designed to answer most of the questions about **technical matters and utilization** concerning your Universal Jig System **CAMELEON**.

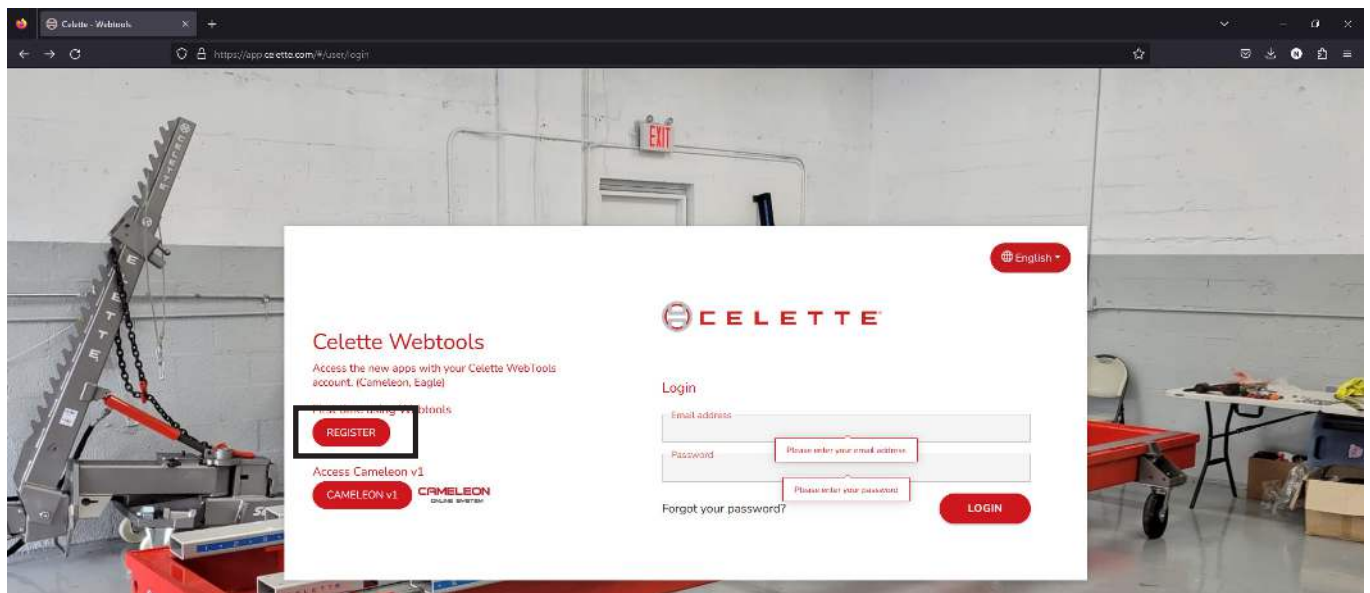
We recommend each user to **read this Product Manual carefully** and to keep it near the equipment while using the device, to get the best and safest possible utilization.

IN FACT, CELETTE CANNOT BE HELD RESPONSIBLE IN FOLLOWING CASES:

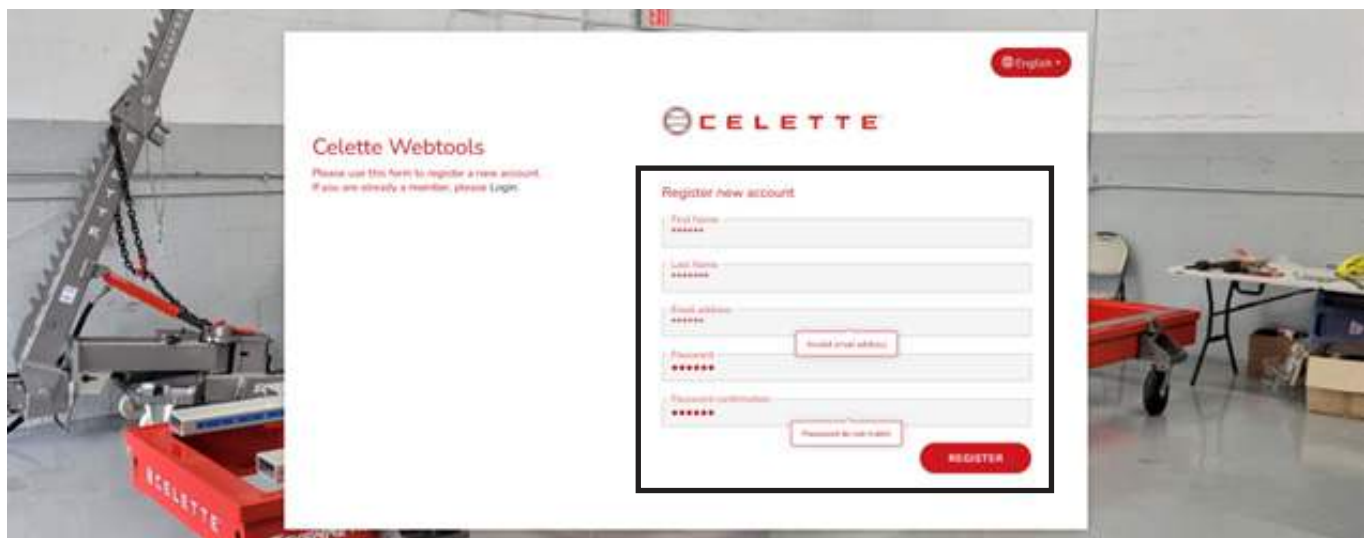
- » **Utilization** of the Universal Jig System **CAMELEON** for any other purpose than the one it is designed for.
- » **Intervention** or **Modification** carried out without the manufacturer's previous agreement.
- » Adaptation **of non-homologated or non-suitable accessories** to the equipment.

REGISTER:

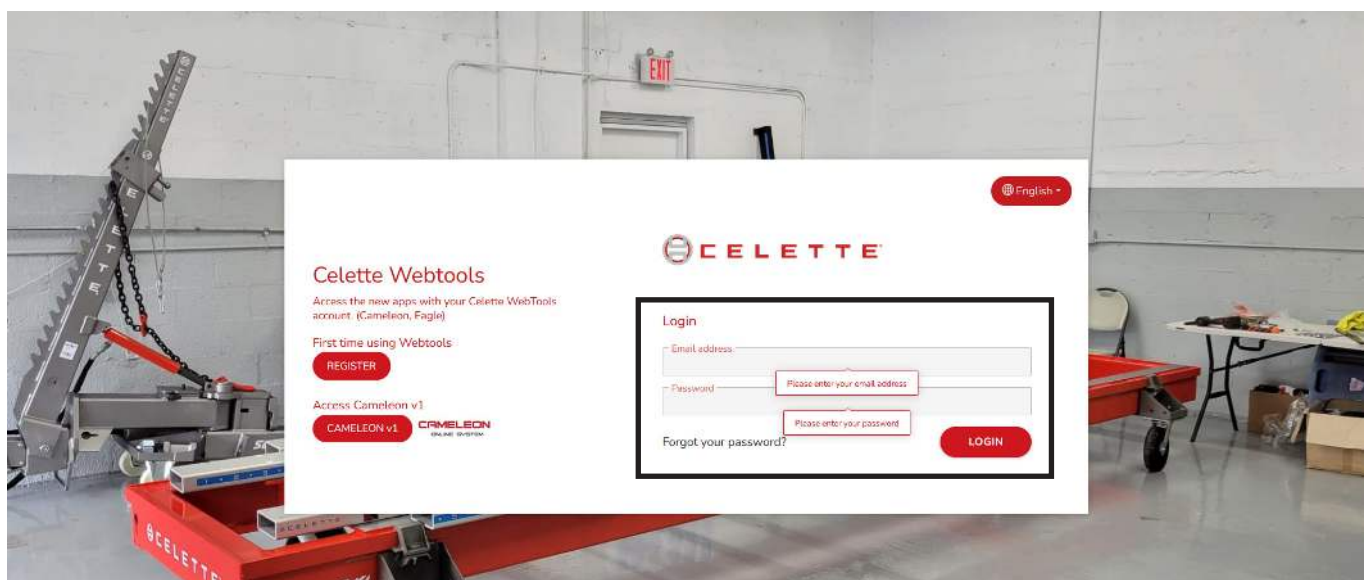
Launch your browser and go to app.celette.com (Firefox or Chrome are preferred).
To register, click the Register button.



Please enter the necessary information before clicking “register.”

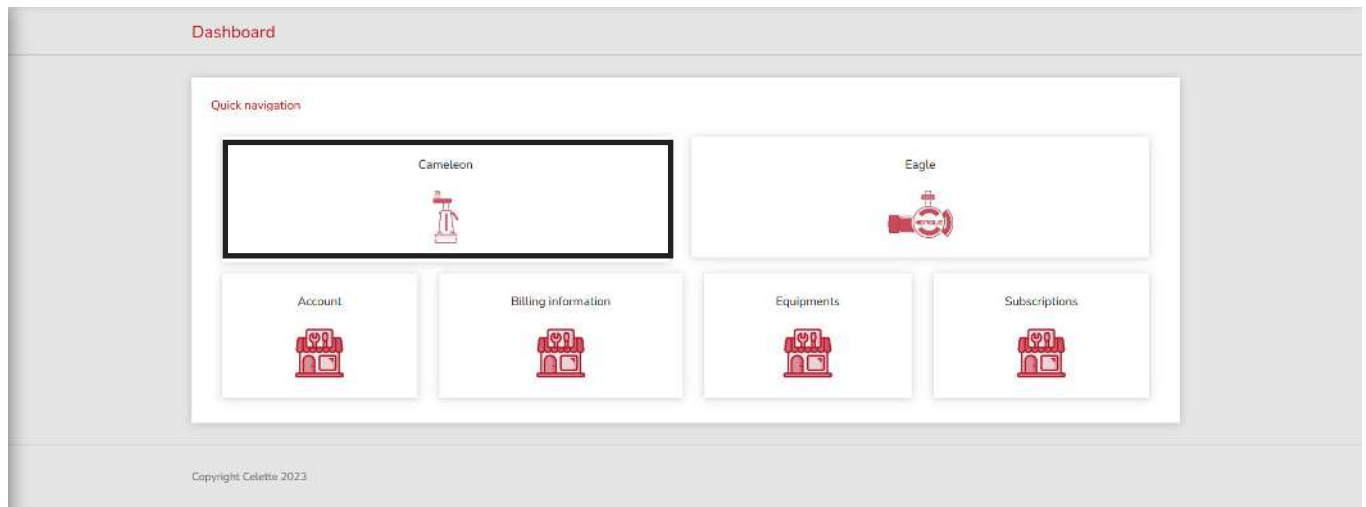


After completing the signup process, enter your login information and click Login.



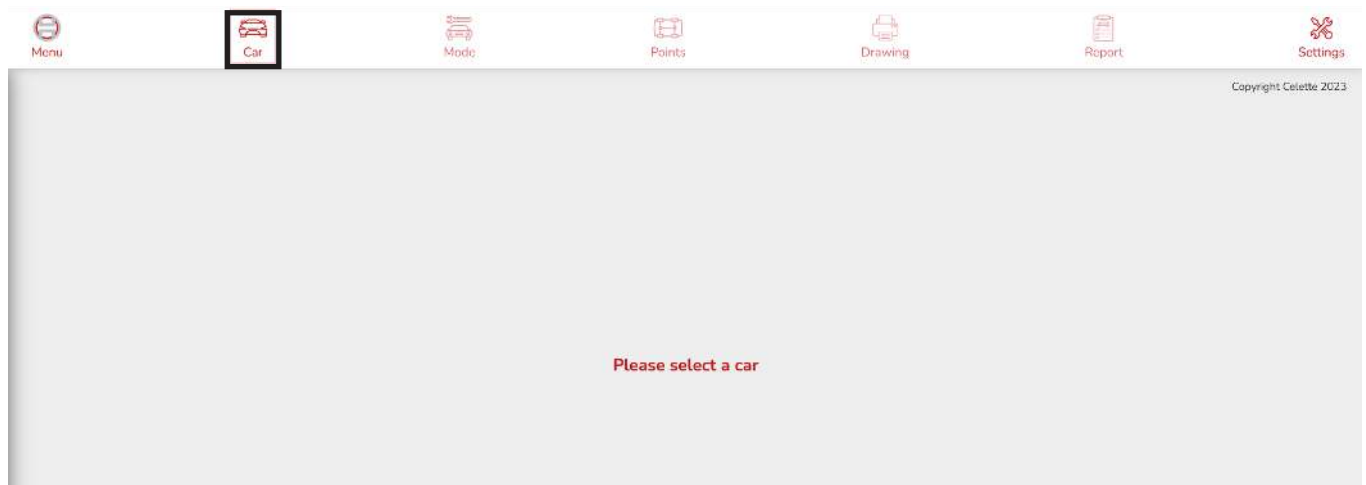
EQUIPMENT SELECTION:

The tool's dashboard is shown below; choose the appropriate equipment to proceed. In this case please choose Cameleon.

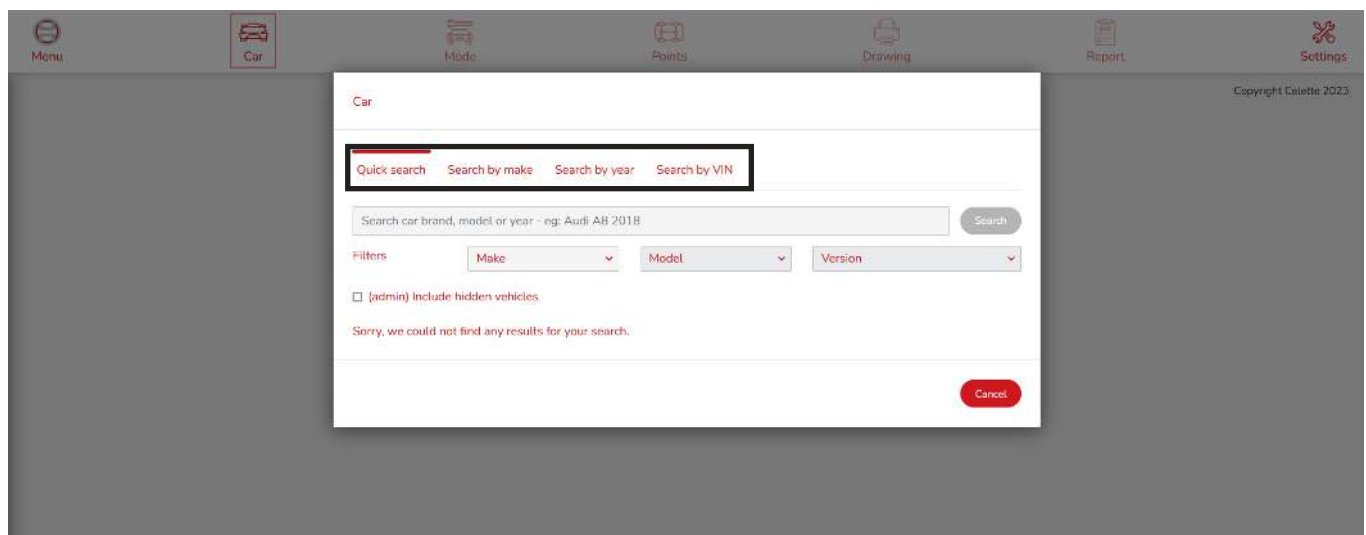


VEHICLE SELECTION:

Click the car button highlighted below to choose the car which is going to be repaired.



The tool has the following search options: Quick search, Search by make, Search by year, and Search by VIN.



Quick search option is to search the car by its brand name/model/year.

Car

Quick search Search by make Search by year Search by VIN

Search car brand, model or year - eg: Audi A8 2018

Search

Filters Make Model Version

☐ (admin) Include hidden vehicles

Sorry, we could not find any results for your search.

Cancel

Search by make option will enable to search by car - make, model and data sheet version.

Car

Quick search Search by make Search by year Search by VIN

Make Model - Version Datasheet version

Make

Back Next

Cancel

Search by year option will enable us to search by car year of introduction, make, model and datasheet version.

Car

Quick search Search by make Search by year Search by VIN

Year Make Model Datasheet version

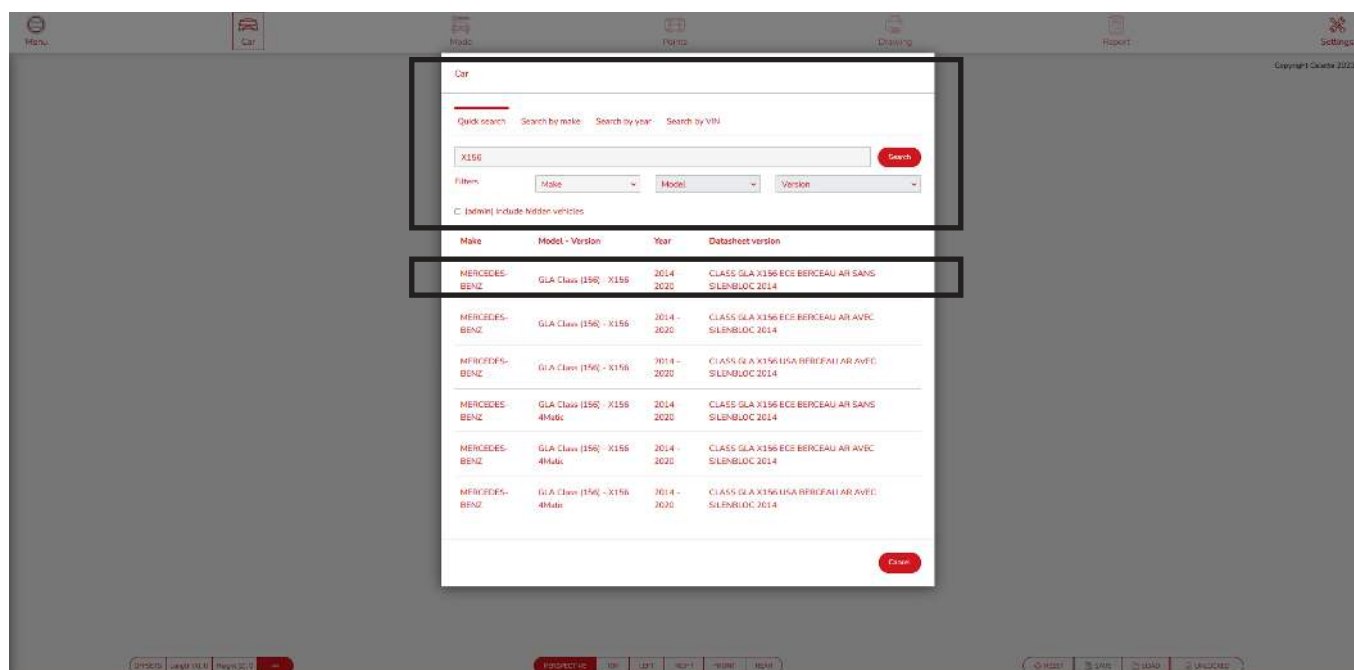
Please enter a year

Back Next

Cancel

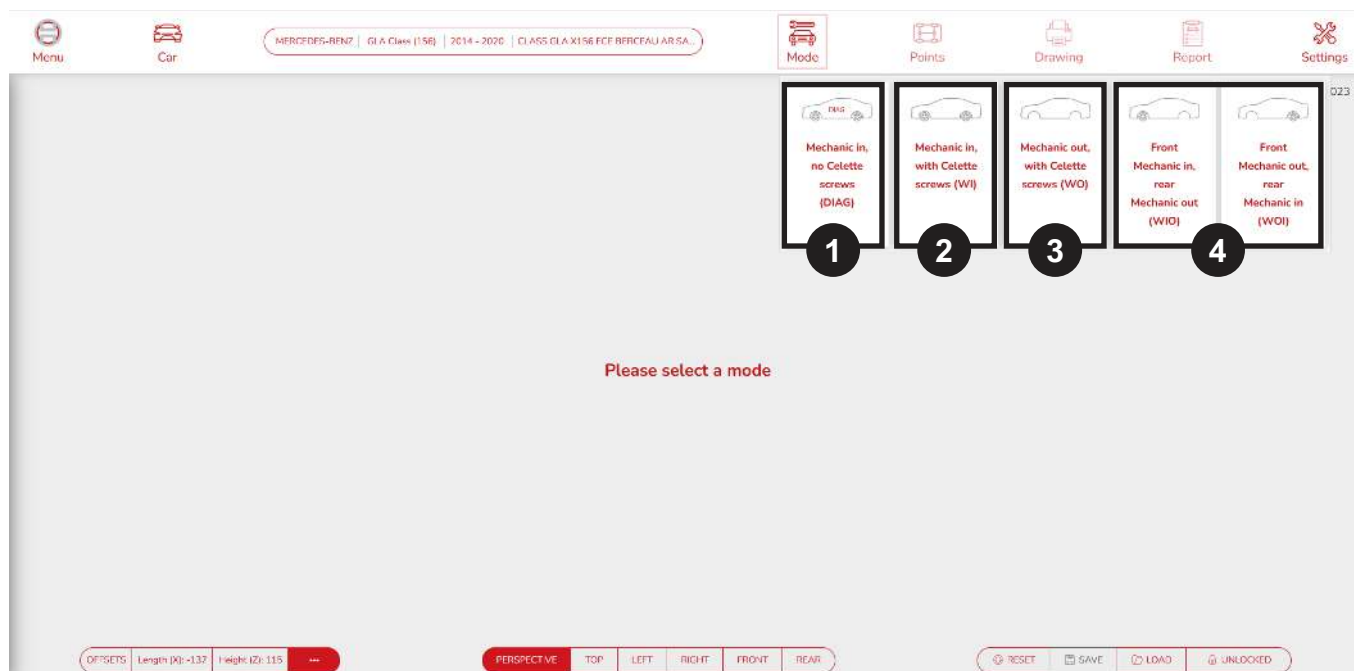
To continue, select the precise car based on the model, year, and datasheet version.

Once the fundamental keyword specifications (for instance, Mercedes GLA class 156) have been input, a dropdown menu with a list of Mercedes GLA class 156 options displays.



MODE SELECTION:

- 1 The diagnosis mode is used to diagnose an entire car on a bench.
- 2 With mechanical mode is for a complete car to get repaired with the retention of mechanical parts.
- 3 Without mechanical mode is only with car body.
- 4 Depending on the accident damage to the car, the mode may have either the front or the back mechanical components removed.

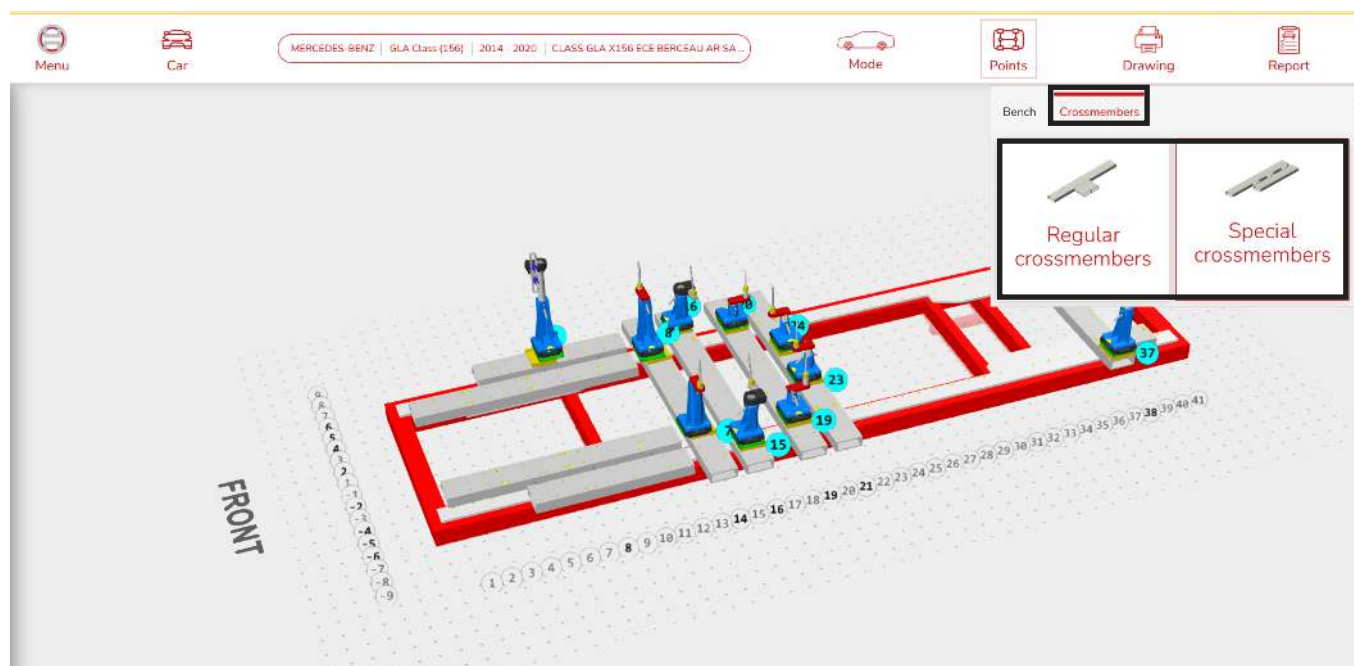


CHOOSE BENCH AND REGULAR/SPECIAL CROSSMEMBERS:

The settings option enables us to choose the different types of benches available.
Depending on the length of the car, different benches can be used.

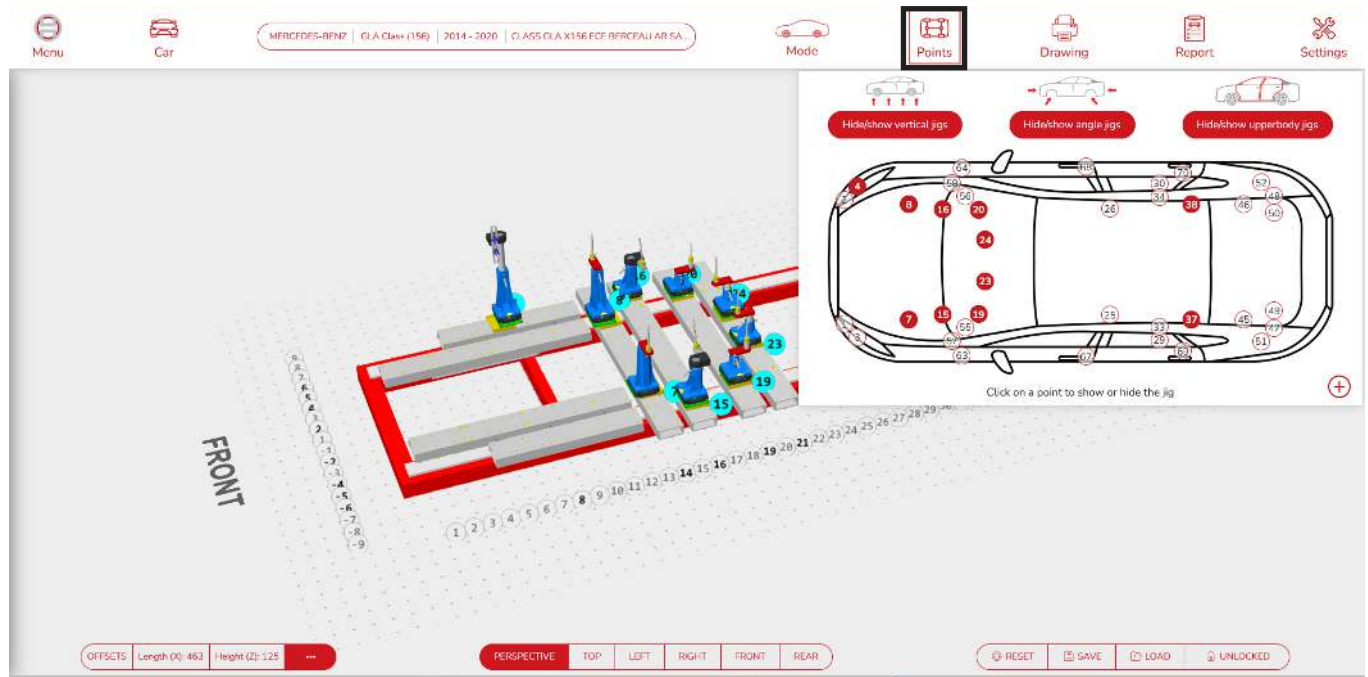


The option to choose regular / special crossmember is available.

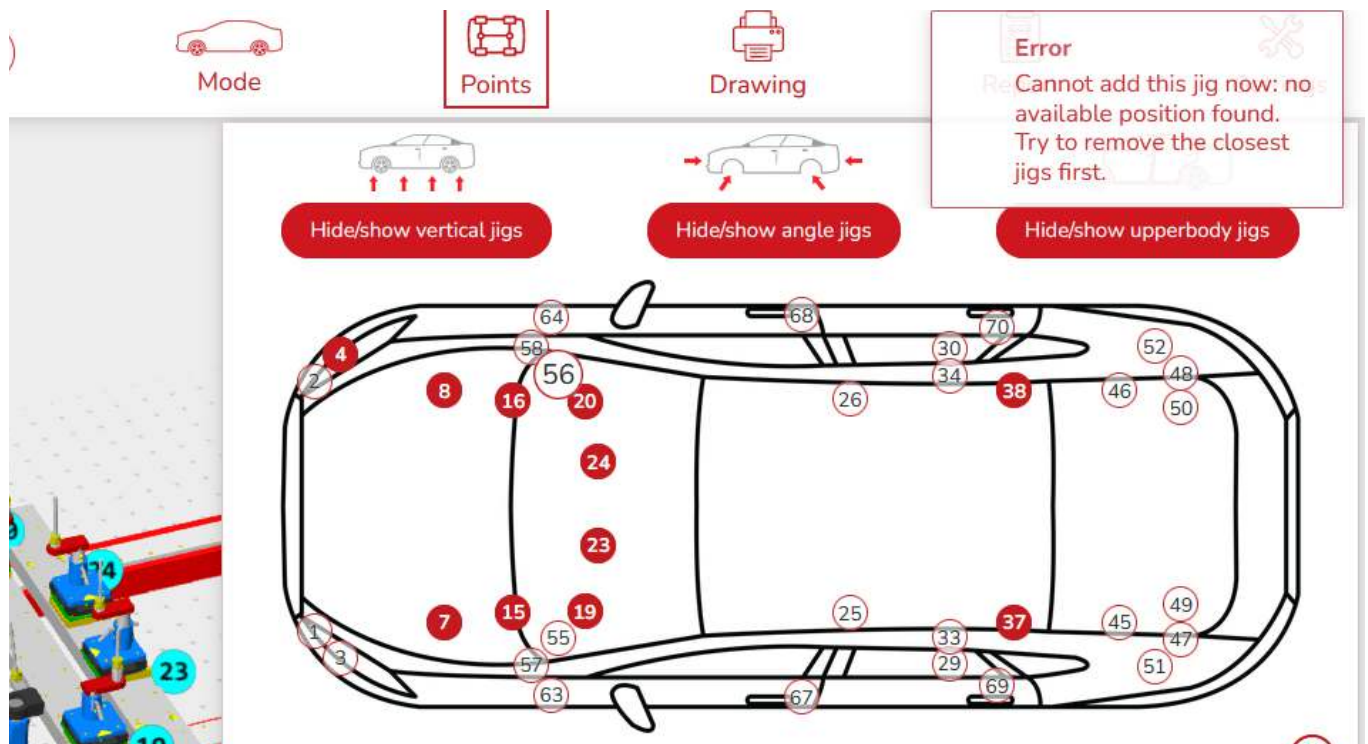


ADD/REMOVE JIGS:

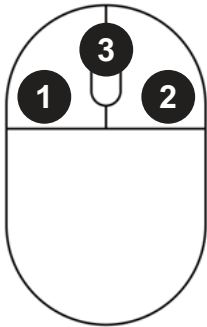
To add/remove points to the car body, please click points tab to view the body points. The points which are added to the bench are shown in red, it can be removed or added anytime by clicking on the points shown below.



When points are near to one another, they cannot be added. For instance, if the points 56 and 18 are close enough to overlap, the system will prevent you from adding them together and display an error warning.



DISPLAY NAVIGATION CONTROLS:



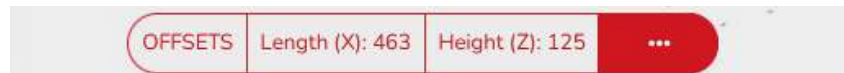
- 1 Left click and hold to drag.
- 2 Right click and hold to rotate.
- 3 Scroll to zoom in or zoom out.
- 1 Left double click to reset to its original position.

Different angles like perspective, top, left, right, front and rear for better visibility of the jigs.

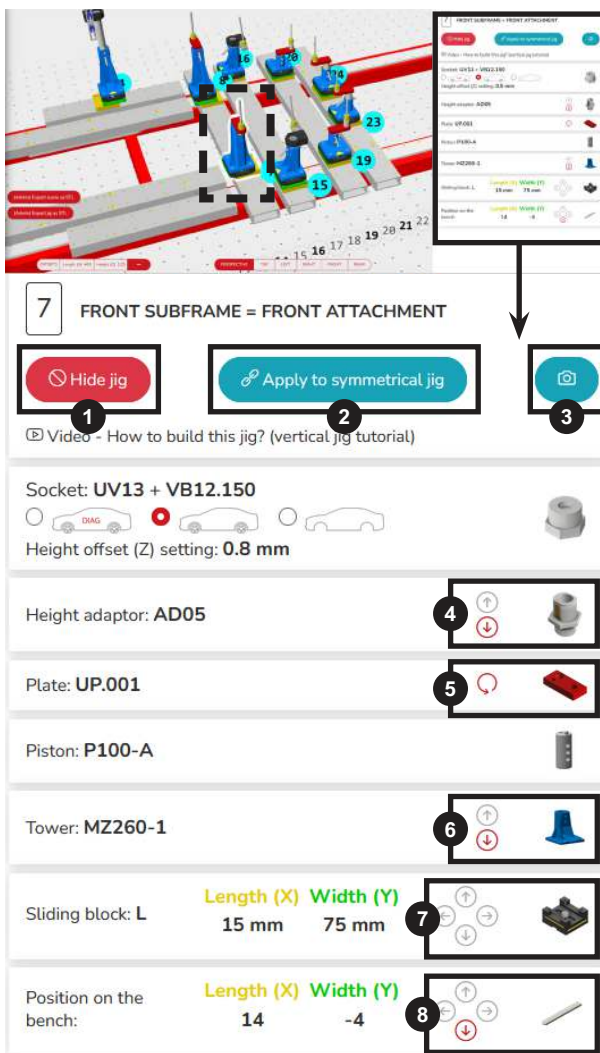


SETTINGS (OFFSET):

To accomodate the jigs with the bench we have OFFSETS, with this the X and Z can be modified to position the jigs with bench.



JIG BUILDING:



To avail the Jig info please click on the JIG.

- 1 Button to hide a particular jig.
- 2 Button to apply the properties for opposite jigs.
- 3 Button to see picture of the points.
- 4 Click to adjust the height by choosing different types of AD studs.
- 5 Click to rotate the UP plates to change the lateral position.
- 6 Click to change the MZ tower to change the height.
- 7 Click the arrows to slide the block - front, back, left, and right with values.
- 8 Click to change the position of the jig on bench. You may requested to add TV.402 plate to accomodate the Jig.

SOCKET TYPES:



Green socket - UF female socket that goes over the bolts of the mechanical parts, found only in diagnose mode.



Yellow socket - UV male socket with a bolt to be inserted in threaded holes, after removing the original bolt from the car body.



Blue socket - UM male socket that goes into the hole without the thread can be found in all the three modes.

To avoid the interference of the mechanical parts in DIAG mode the adaptor change/rotate is required for the sockets to reach the point.

PLEASE REFER PAGE 10 TO CUSTOM THE JIG POSITION TO AVOID SUCH INSTANCES.

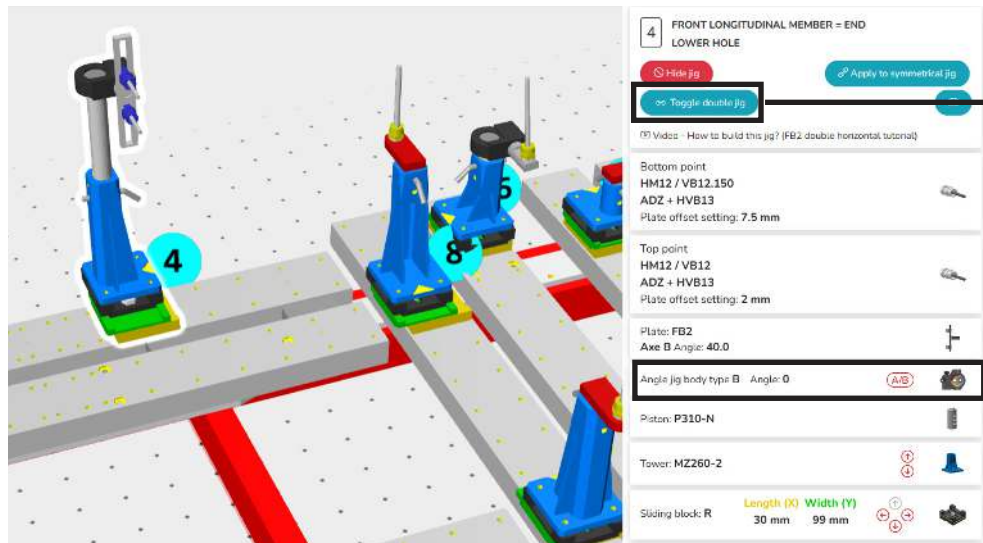
7

FRONT SUBFRAME = FRONT ATTACHMENT



HORIZONTAL AND ANGLE JIG SETUP:

Double Horizontal Jig



4 FRONT LONGITUDINAL MEMBER = END LOWER HOLE

Hide jig Apply to symmetrical jig

Toggle double jig

Video - How to build this jig? (FB2 double horizontal tutorial)

Bottom point:
HM12 / VB12.150
ADZ + HVB13
Plate offset setting: 7.5 mm

Top point:
HM12 / VB12
ADZ + HVB13
Plate offset setting: 2 mm

Plate: FB2
Axe B Angle: 40.0

Angle jig body type B Angle: 0

Piston: P310-N

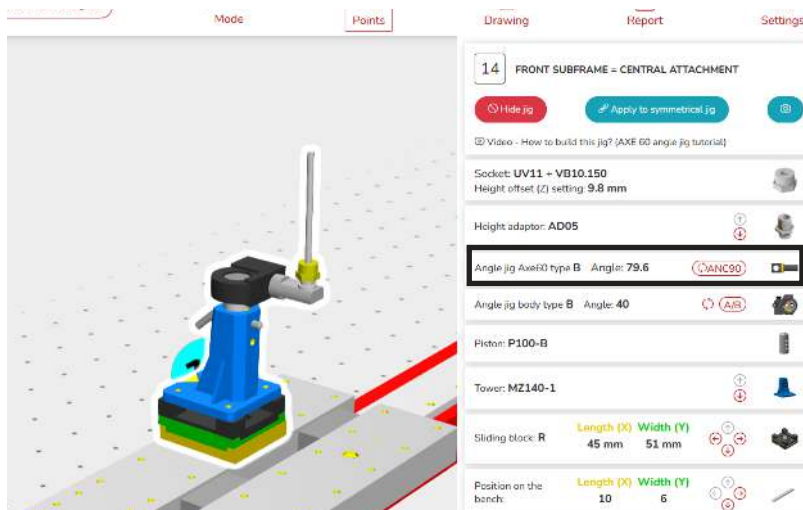
Tower: MZ260-2

Sliding block: R Length (X) 30 mm Width (Y) 99 mm

Click here to toggle from double to single point.

Click here to change the direction for easy access to the point.

AXE 60 and ANC 90 angle jig



Mode Points Drawing Report Settings

14 FRONT SUBFRAME = CENTRAL ATTACHMENT

Hide jig Apply to symmetrical jig

Video - How to build this jig? (AXE 60 angle jig tutorial)

Socket: UV11 + VB10.150
Height offset (Z) setting: 9.8 mm

Height adaptor: AD05

Angle jig Axe60 type B Angle: 79.6

Angle jig body type B Angle: 40

Piston: P100-B

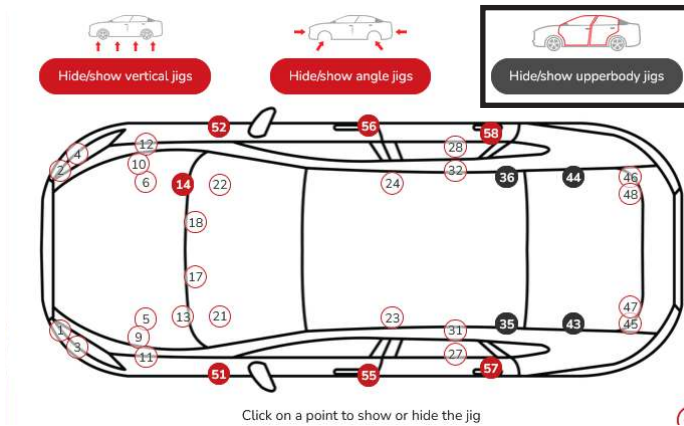
Tower: MZ140-1

Sliding block: R Length (X) 45 mm Width (Y) 51 mm

Position on the bench: Length (X) 10 Width (Y) 6

Option to change the default AXE60 to ANC90 to avoid the interference in setting up the Jig.

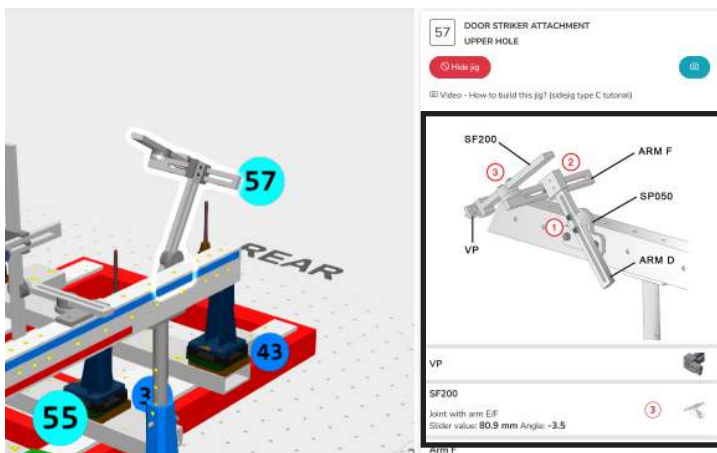
SIDE JIGS ASSEMBLY:



Click here to show the Upper body jigs with 6 default points from A,B,C pillar.



Click on side gantry to enable the information on how to build.



Individual jig informations can be enabled by clicking on it.

SAVE THE CONFIGURATION:

Once you are done with your configuration click on save button to save and access later if necessary.

RESET

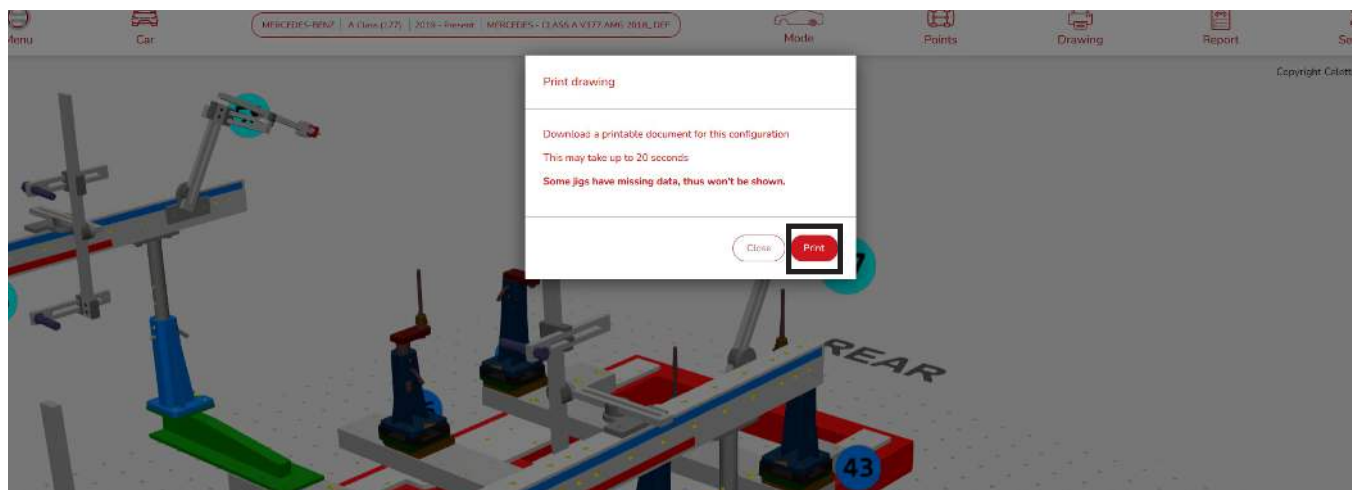
SAVE

LOAD

UNLOCKED

PRINT DRAWING:

Click on drawing tab to print/download it.



All the necessary informations about the Jigs are available in the drawing.

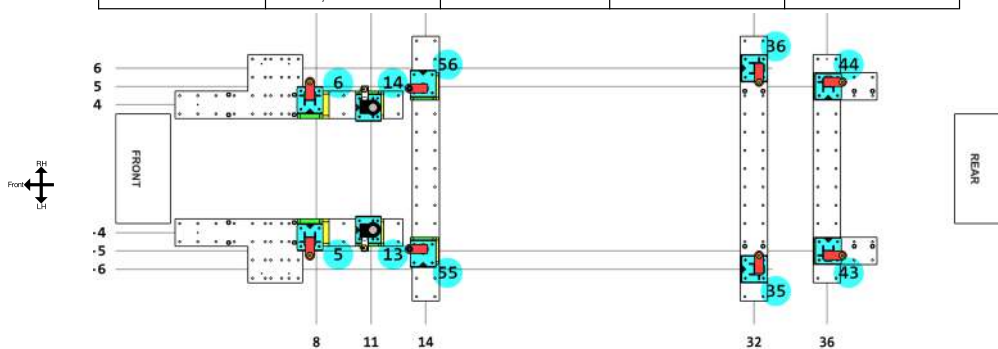
MERCEDES-BENZ GLA Class (156) 2014 - 2020 - WO



Mechanic out, with Celette screws (WO)

OFFSETS Length (X): -137 Height (Z): 115

6	14	56	36	44
UV13 AD05 UP.001 P100-C MZ260-1 R X ↔ 8, Y ↑ 4	VB12.150 Z ± 9.3 AXE60 B 1.2 0 P100-C MZ140-2 R X ↔ 11, Y ↑ 4	VB10.150 Z ± 8.7 1.2 0 UP.004 P100-A MZ080-1 R X ↔ 14, Y ↑ 5	AD35 Z ± 1.5 UP.004 P220-G MZ260-2 R X ↔ 32, Y ↑ 6	VB12.150 Z ± 1.6 UP.004 P220-H MZ260-2 R X ↔ 36, Y ↑ 5
X ↔ 15 Y ↑ 75	X ↔ 36 Y ↑ 35	X ↔ 36 Y ↑ 65	X ↔ 53 Y ↑ 50	X ↔ 58 Y ↑ 50



5	13	55	35	43
UV13 AD05 UP.001 P100-C MZ260-1 L X ↔ 8, Y ↑ -4	VB12.150 Z ± 9.3 AXE60 A 1.2 0 P100-C MZ140-2 L X ↔ 11, Y ↑ -4	VB10.150 Z ± 8.7 1.2 0 UP.004 P100-A MZ080-1 L X ↔ 14, Y ↑ -5	AD35 Z ± 1.5 UP.004 P220-G MZ260-2 L X ↔ 32, Y ↑ -6	VB12.150 Z ± 1.6 UP.004 P220-H MZ260-2 L X ↔ 36, Y ↑ -5
X ↔ 15 Y ↑ 75	X ↔ 36 Y ↑ 35	X ↔ 36 Y ↑ 65	X ↔ 53 Y ↑ 50	X ↔ 58 Y ↑ 50

	Crossmembers				MZs			Pistons		Plates		Axes		AD Studs		Sockets			Rotary bodies	
DESIGN.	Type A	Type B	Type C	Type D	080	140	260	100	220	UP.001	UP.004	A	B	05	35	UM25	UV11	UV13	A	B
QTT	1	1	2	1	2	2	6	6	4	2	6	1	1	8	2	2	2	6	1	1

CREATE A DIAGNOSIS REPORT:

Click on report tab ➤ Fill general details ➤ Click next.

The screenshot shows the 'General' tab of the diagnosis report form. The top navigation bar includes 'Car', 'Mode', 'Points', 'Drawing', and 'Report'. The 'Report' tab is selected. The form has a progress bar with five steps: General (active), Details, Vehicle, Customer, and Points. The 'General' section includes fields for 'Survey type' (Diagnostic), 'Report date' (02/22/2023), and 'Notes' (Front longitudinal member). At the bottom, there are 'Back' and 'Next' buttons, with 'Next' highlighted in red. A 'Cancel' button is in the bottom right corner.

Fill the job details and Insurance company details ➤ Click next.

The screenshot shows the 'Details' tab of the diagnosis report form. The progress bar shows 'Details' as the active step. The 'Job details' section includes 'Technician name' (2023062226396) and 'Start date' (End date). The 'Insurance details' section includes 'Insurance company', 'Claim reference', 'Contact name', 'Email', and 'Phone'. At the bottom, there are 'Back' and 'Next' buttons, with 'Next' highlighted in red. A 'Cancel' button is in the bottom right corner.

Vehicle details will be auto filled, the License plate and VIN number (mandatory) needs to be filled manually ➤ Click next.

The screenshot shows the 'Vehicle' tab of the diagnosis report form. The progress bar shows 'Vehicle' as the active step. The 'Vehicle details' section includes 'Brand' (MERCEDES-BENZ), 'Model' (GLA Class (156)), and 'Year' (2014). The 'License plate' field is empty. The 'VIN' field is filled with 12545678. At the bottom, there are 'Back' and 'Next' buttons, with 'Next' highlighted in red. A 'Cancel' button is in the bottom right corner.

Fill customer details.

The screenshot shows the 'Customer' tab of the diagnosis report form. The progress bar shows 'Customer' as the active step. The 'Customer details' section includes 'Name', 'Address', 'City', 'ZIP code', 'State', 'Country', 'Email', and 'Phone'. At the bottom, there are 'Back' and 'Next' buttons, with 'Next' highlighted in red. A 'Cancel' button is in the bottom right corner.

VALUES AND REPORTS:

Click the damaged point. ➤ Please enter the deviated values on X, Y and Z. ➤ Upload photo of the damaged part. ➤ Save and download the report.

Report

General

Details

Vehicle

Customer

Points

Point 6

Position on the bench 8, 4.

	Measured value	Correct value
Sliding block length value (X)	Value	15 mm
Sliding block width value (Y)	Value	75 mm
Height adapter value (Z)	Value	9.3 mm

Video - How to measure these values? (Jambuc, reset button)

Upload photo (jpg or png, max 5 MB)

Back

Save report

All the required information, including the body shop, client, insurance, and job, is included in the report below.

Bodyshop details

xxxxxxxxxxxxxxxx	
xx	
xx	
xxxxxxxxxxxxxxxx	
xxxxxxxxxx@gmail.com	8xxxx6xxx4

Customer details

N/A

Insurance details

N/A

Job details

Technician name		Job number	2023062614394
Start date		End date	

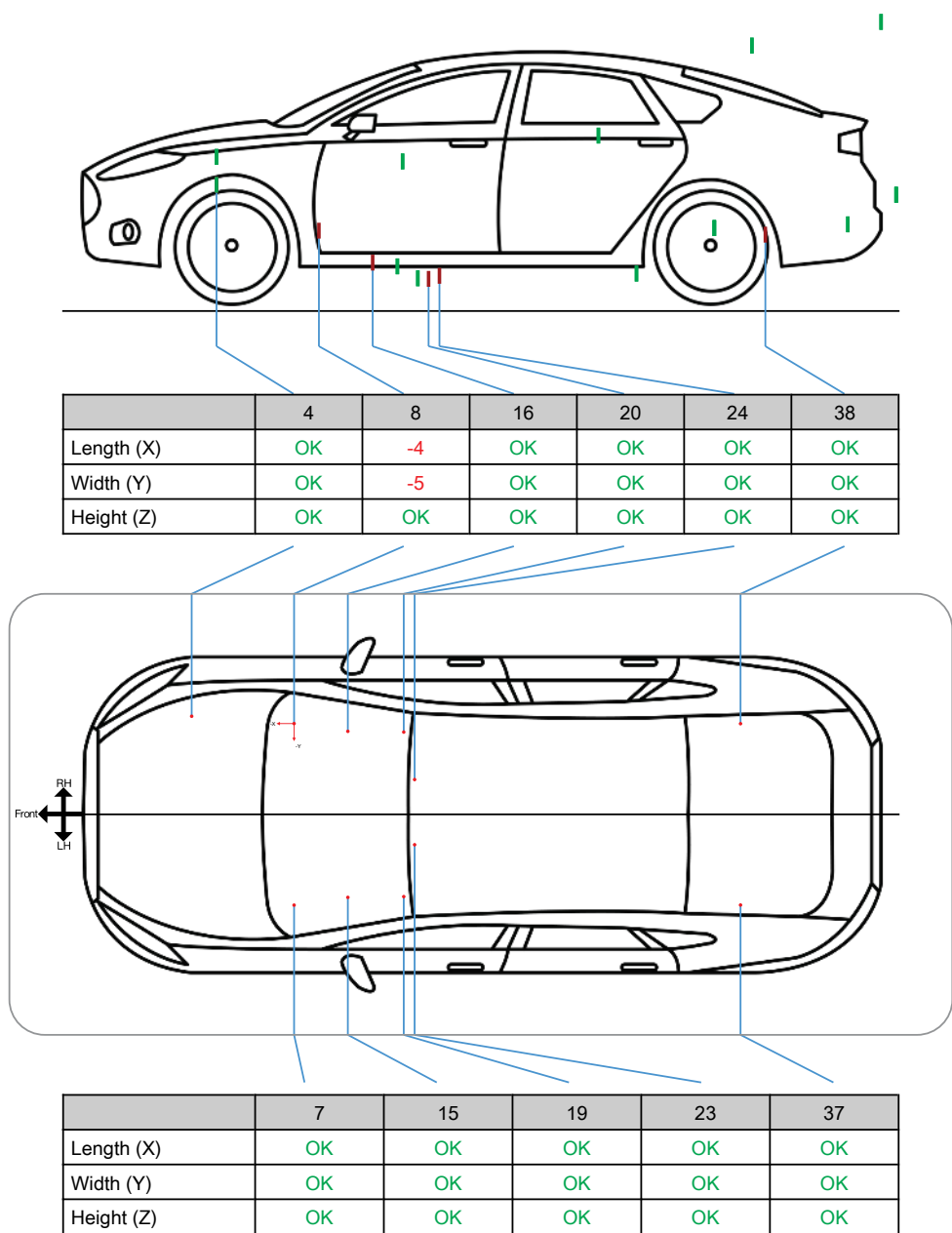
Vehicle details

MERCEDES-BENZ	
GLA Class (156)	
CLASS GLA X156 ECE BERCEAU AR SANS SILENBLOC 2014	
2014	fdsfdsfd

Notes

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Here is a summary of the points. It displays information about deviated points in red which we entered from sliding block and height adaptor.



THANK YOU!!!
FOR PURCHASING OUR PRODUCT



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IMPORTANT NOTE: Please do not forget to send us the product registration form for warranty registration.