



CAMELEON ▶

SELF-CUSTOMIZABLE FIXTURE SET

USER MANUAL

01/2023 - REV. 2.0

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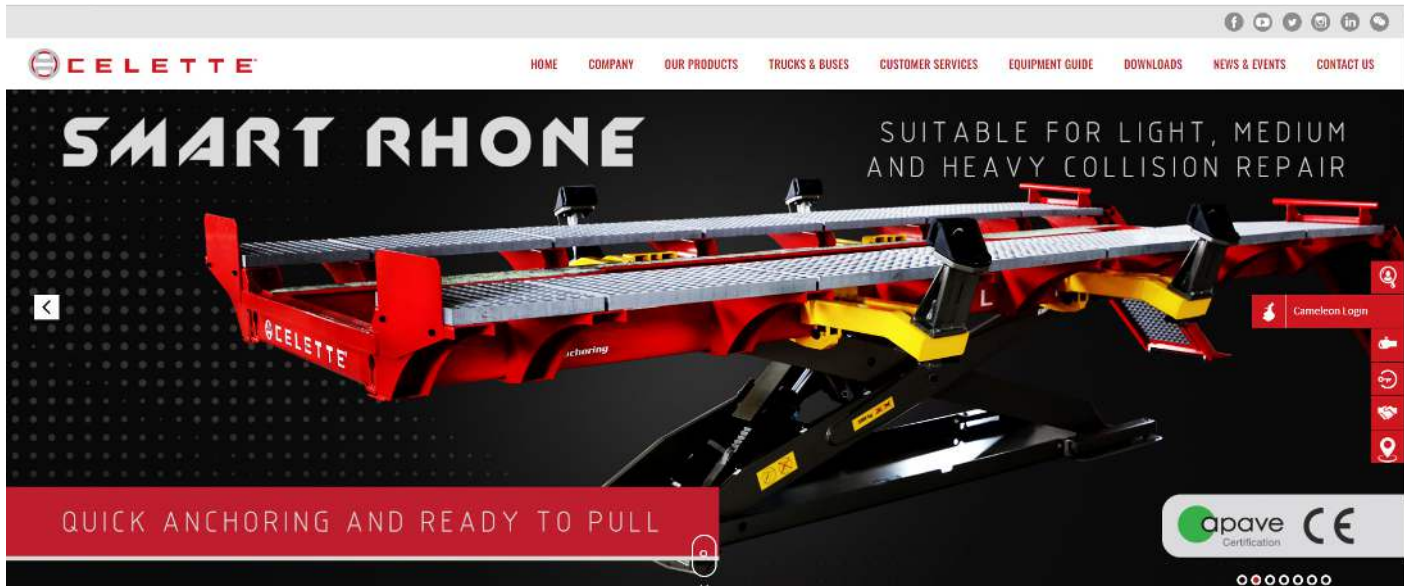
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1. GET STARTED

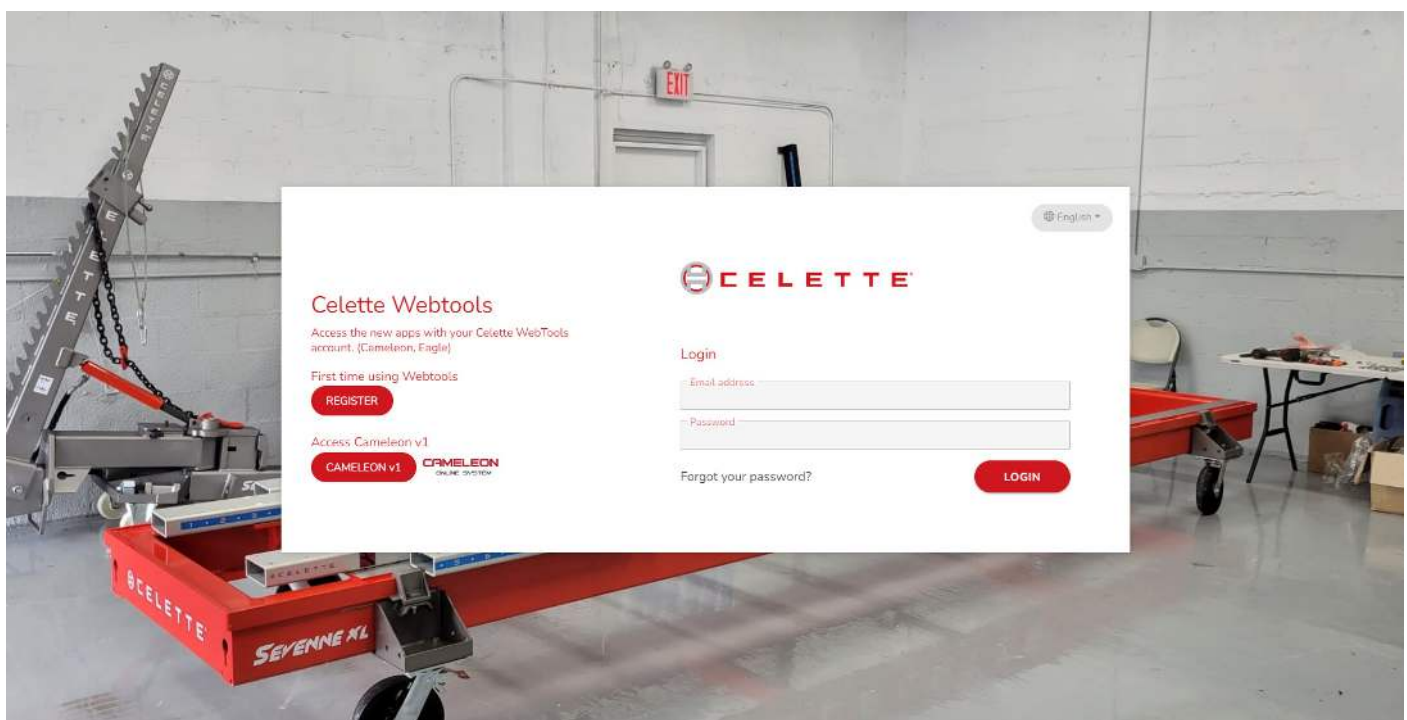
1.1 Cameleon registration

If you don't have Celette customer account...

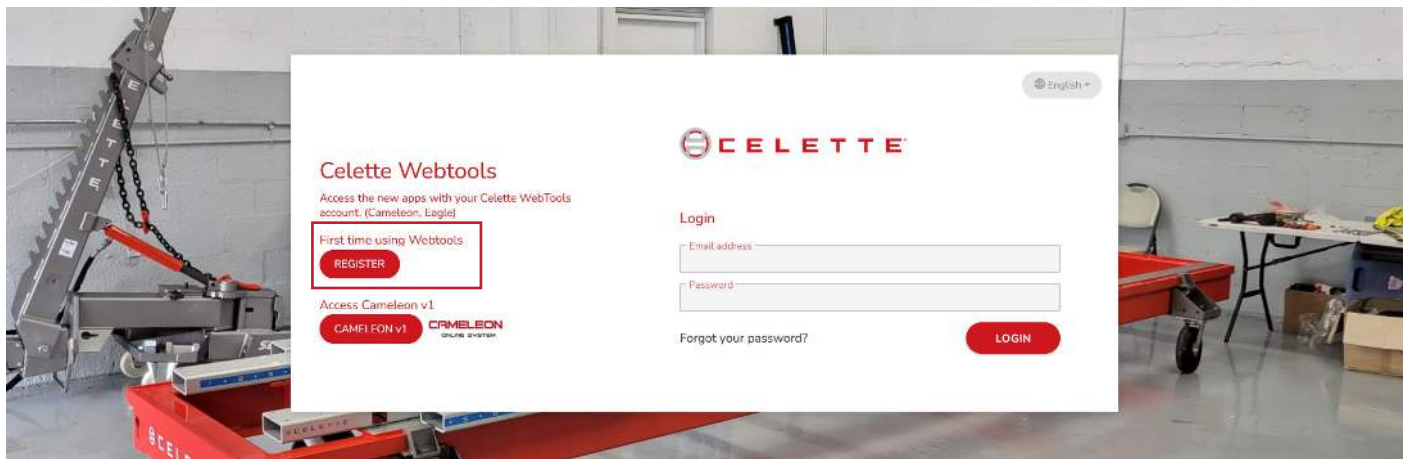
1. Access to www.celette.com
2. Click on "Cameleon Login"



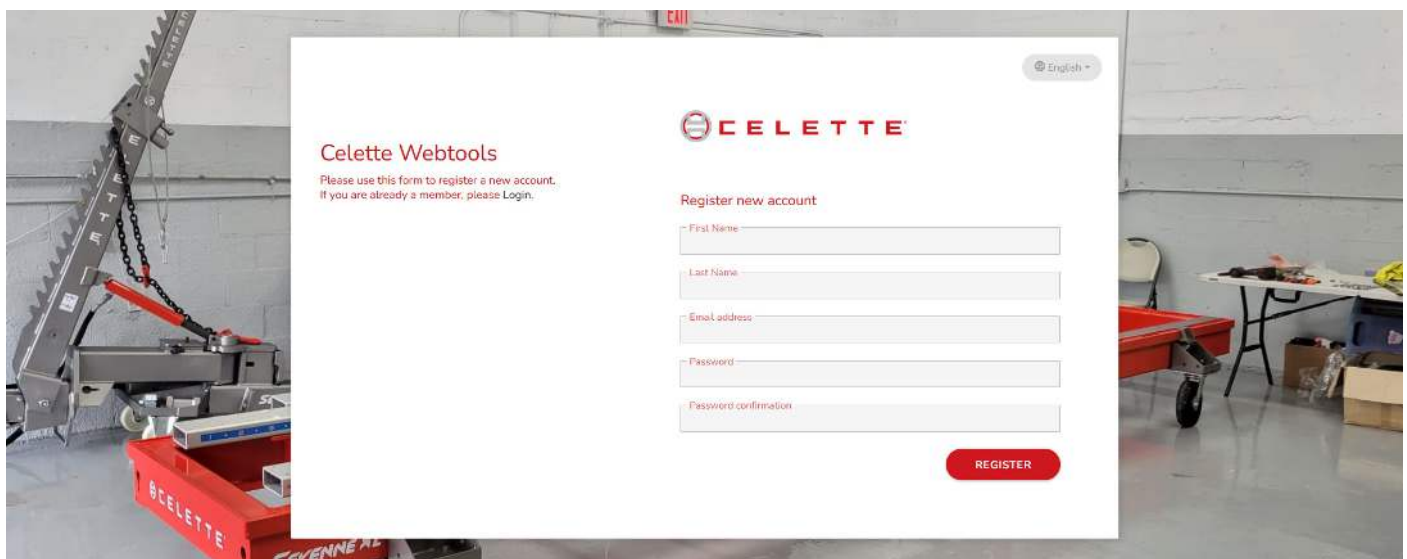
3. Click on "SIGN UP"



5. Click Register incase of using the webtools for the first time



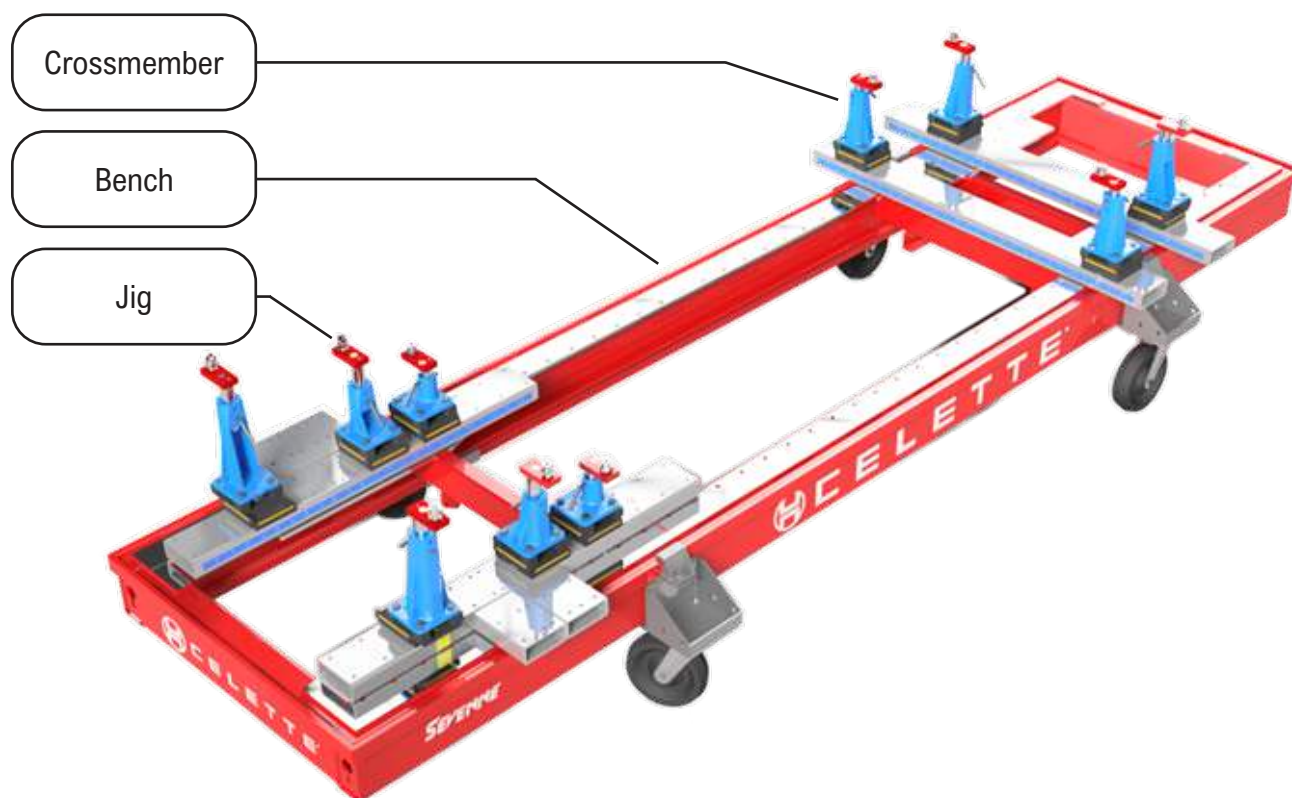
6. Fill the necessary details to Register the account



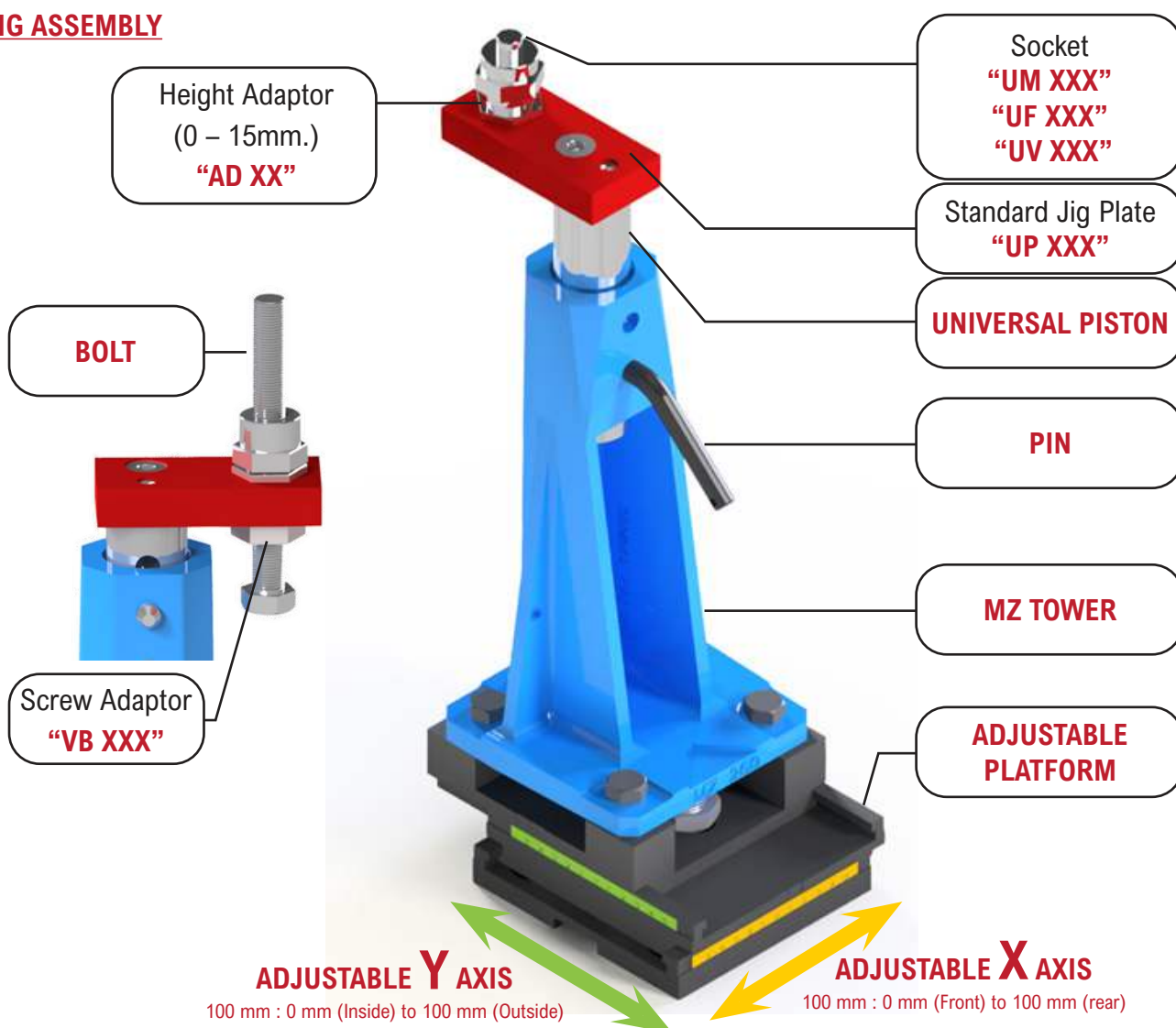
Send your E-mail address to cameleon@celette.co.th for activation of your Cameleon account and serial number.

1.2 BASIC ASSEMBLY

GLOBAL ASSEMBLY



JIG ASSEMBLY

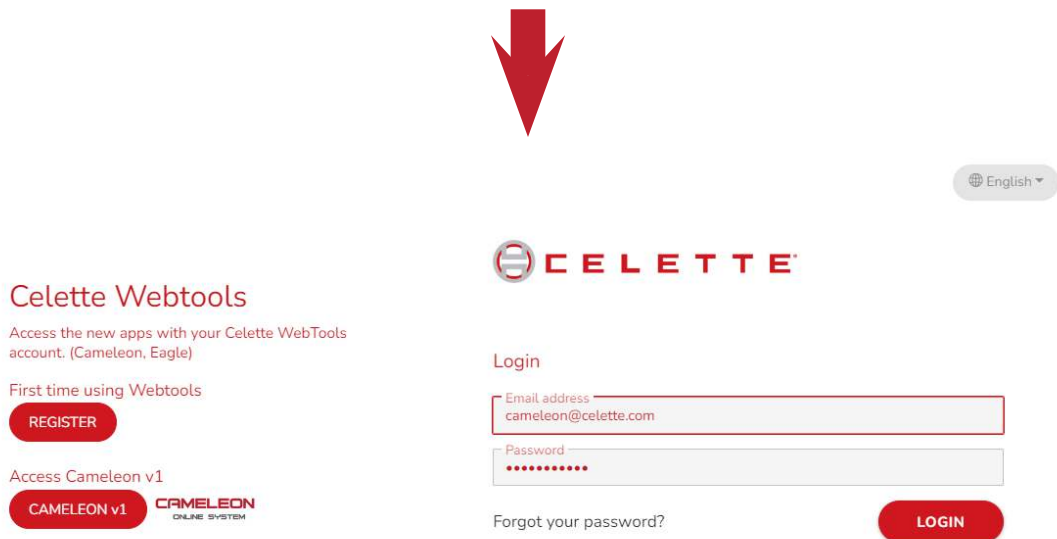


2. HOW TO USE THE ONLINE TOOL

It is recommended to use Mozilla Firefox to launch the online tool.

2.1 LOG IN TO THE WEBSITE

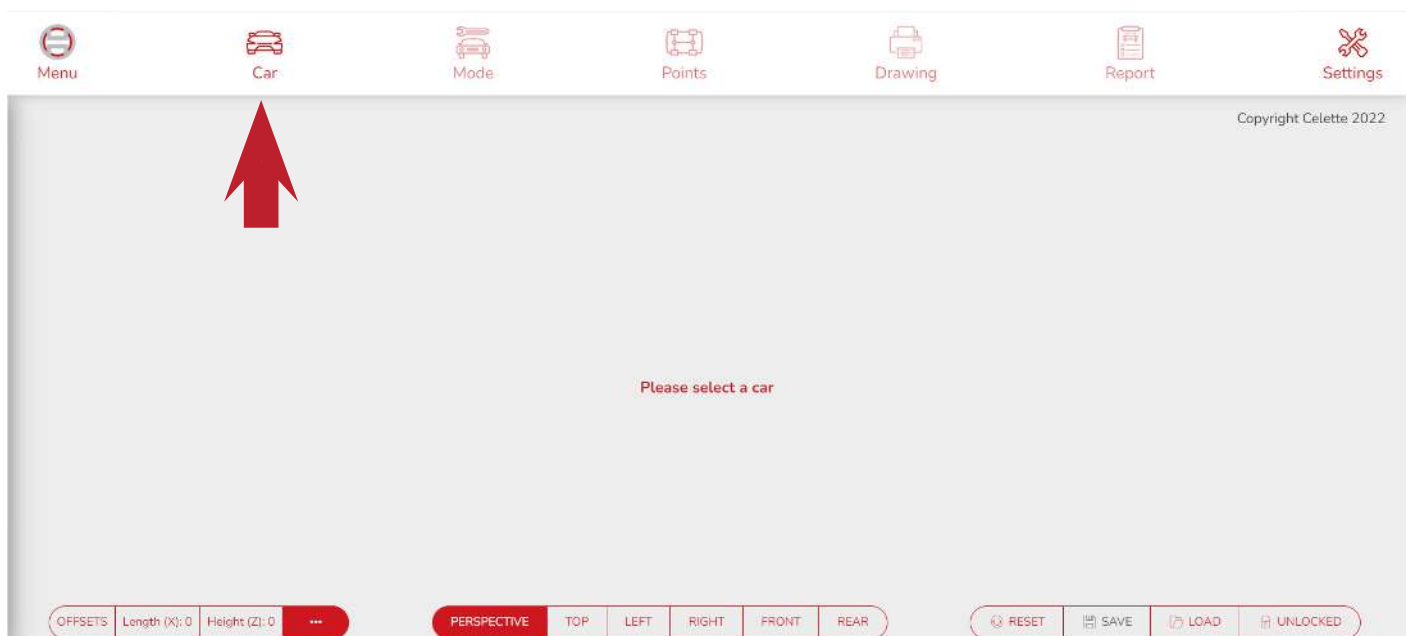
1. Access to www.celette.com & Click Cameleon Login.



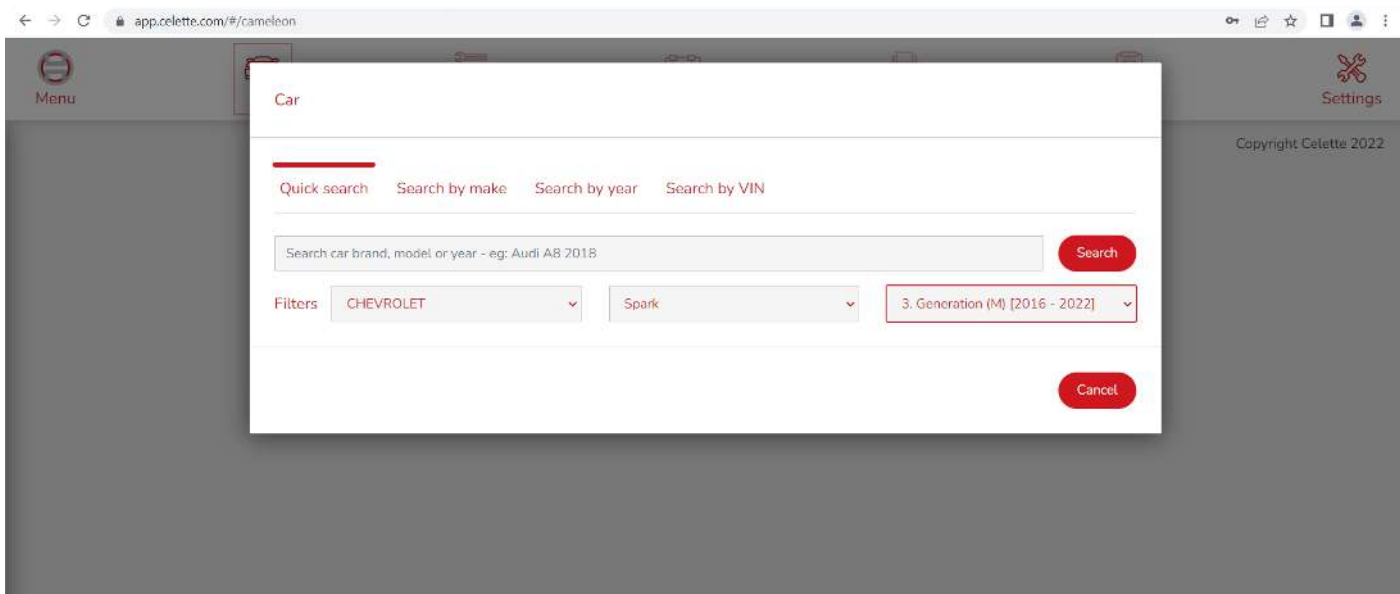
2. Fill in E-mail address and Password.
3. Click “Log In”.

2.2 HOW TO SEARCH FOR A CAR

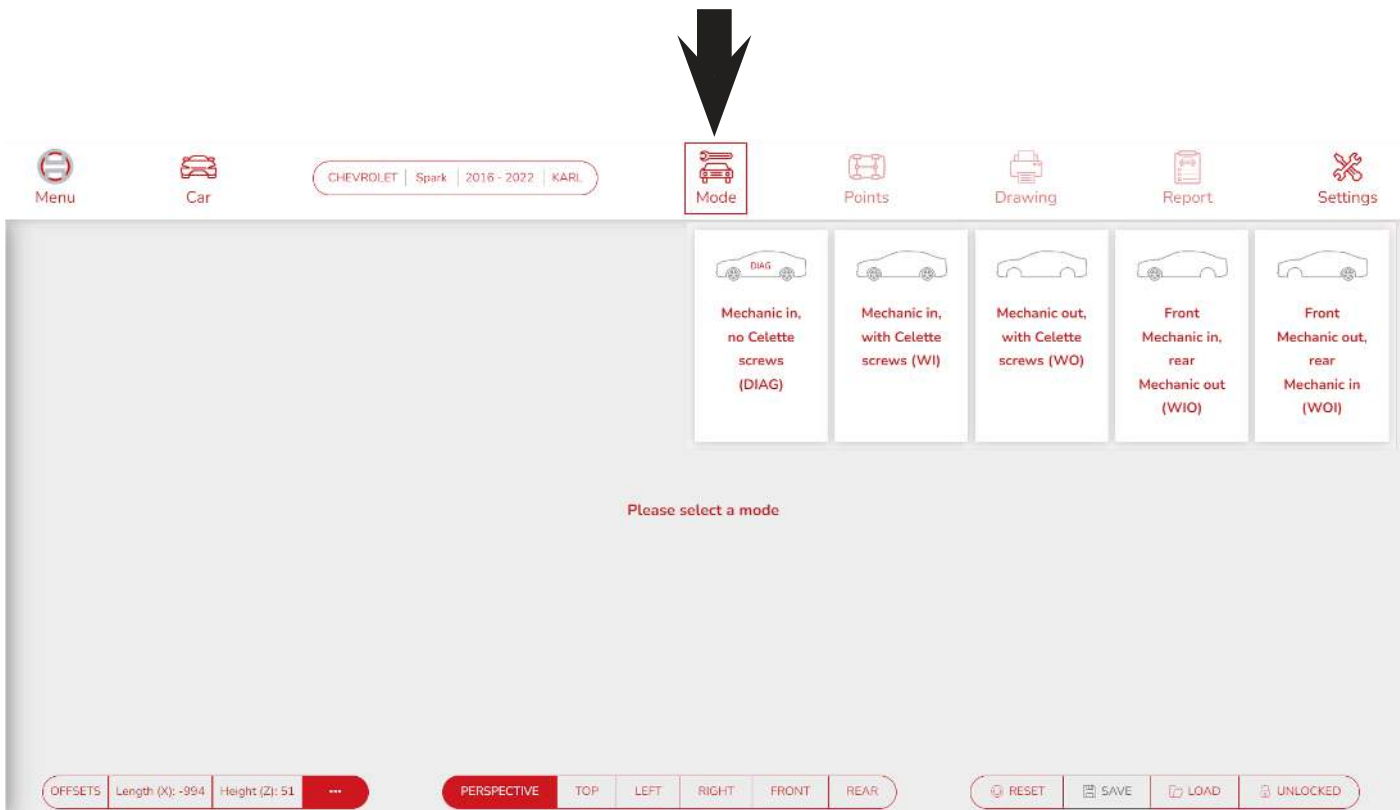
1. Click the Car icon, select the desired car from the List and Click on “Search”.



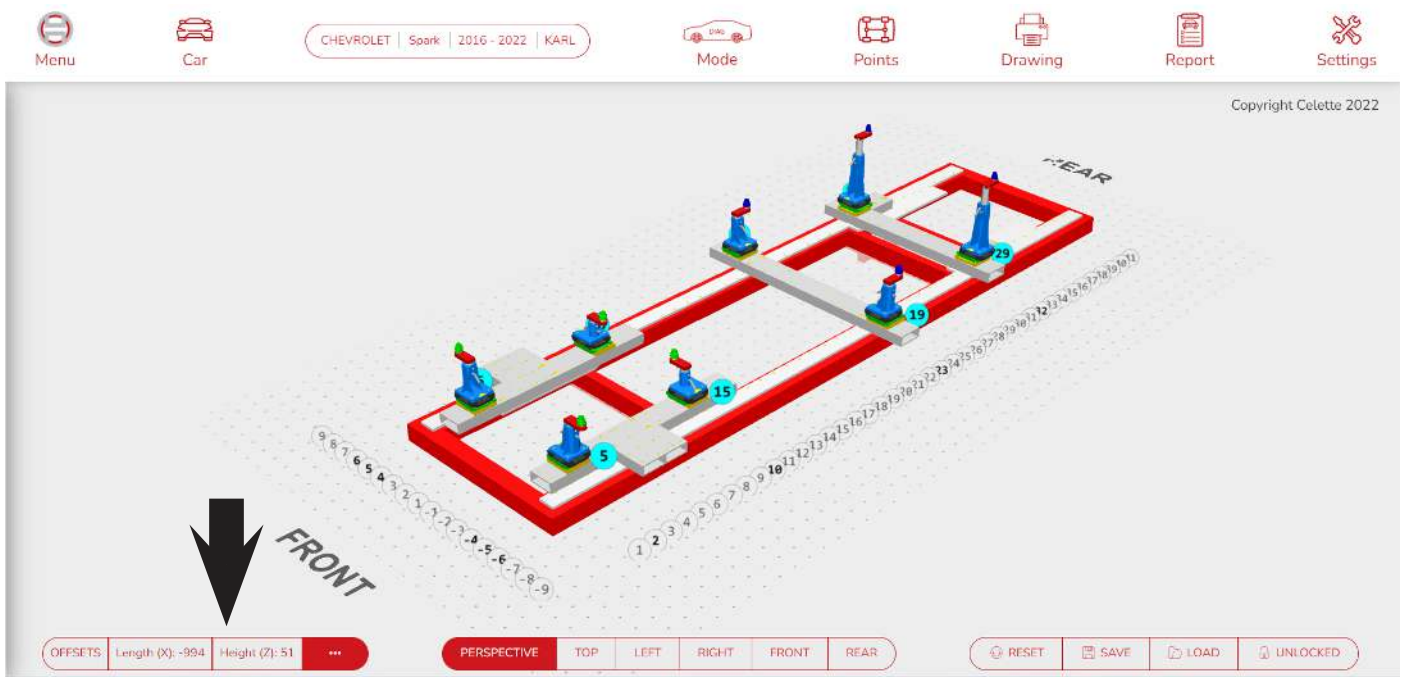
2. The Search result will have the car listed and the data of the same can be accessed by clicking it.



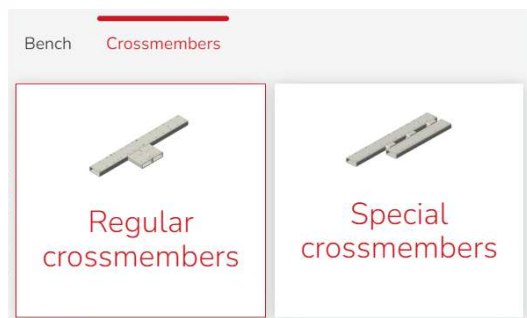
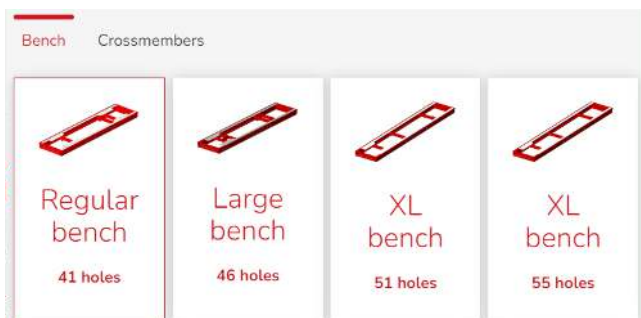
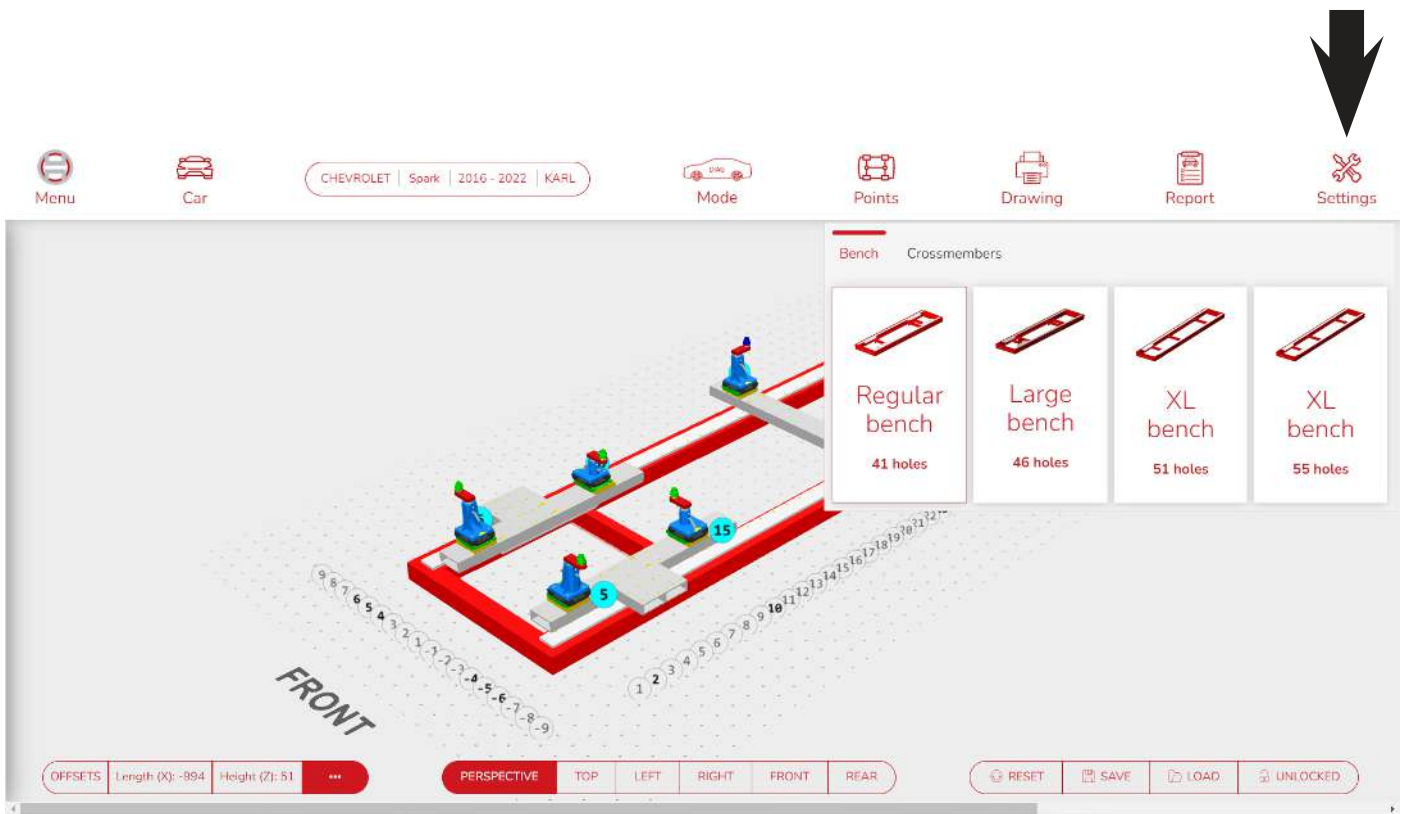
3. Layout Based on Availability of mechanicals can be selected by clicking the Mode option.



4. Vehicle can be moved in Front, Rear, Up & Down directions according to the repair condition using the dedicated option available in bottom left of the layout.



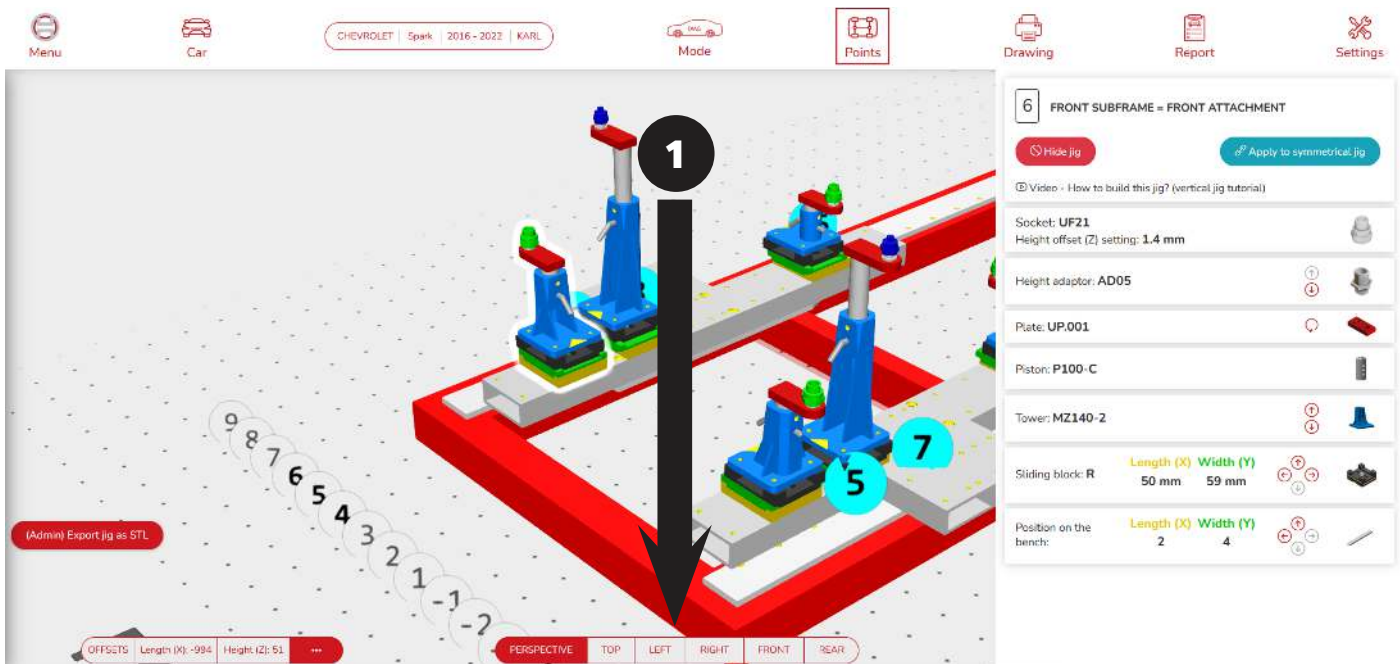
5. From the Settings option, Cross Members and Bench based on availability can be chosen.



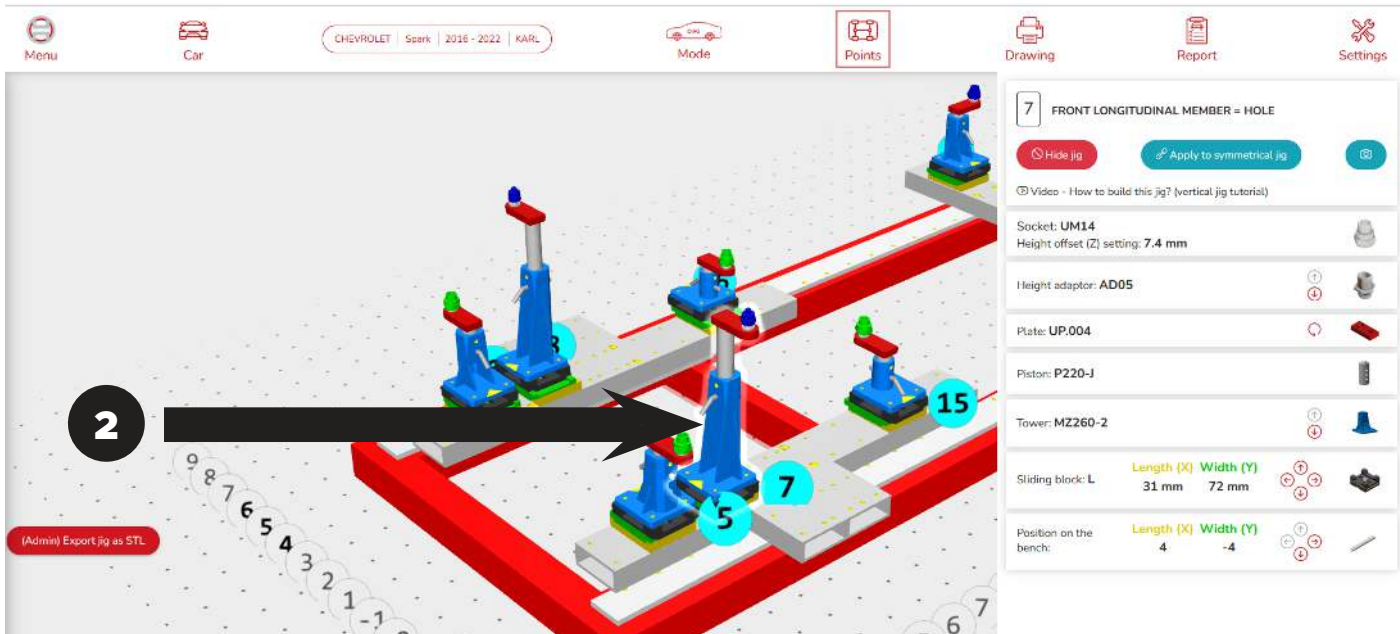
2.3 JIG SET UP CONFIGURATION

3D Home Page is opened for the selected car. The screen will illustrate the orientation of bench, cross members, sliding blocks, MZ towers, MZ+ pistons, Cameleon plates, studs, and sockets.

1. The 3D view can be customized by selecting from the Tabs under <<Perspective>><<Top>> <<Left>> <<Right>> <<Front>> <<Rear>>



2. Point Customization options can be opened by clicking on the required Jig.



JIG CUSTOMIZATION LAYOUT

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FRONT LONGITUDINAL MEMBER = HOLE

Hide jig

Apply to symmetrical jig

Video - How to build this jig? (vertical jig tutorial)

Socket: **UM14**

Height offset (Z) setting: **7.4 mm**

Height adaptor: **AD05**

↑

↓

Plate: **UP.004**

Piston: **P220-J**

Tower: **MZ260-2**

↑

↓

Sliding block: **L**

Length (X)

Width (Y)

31 mm

72 mm

↑

↓

←

→

Position on the bench:

Length (X)

Width (Y)

4

-4

↑

↓

←

→

3

4

5

6

7

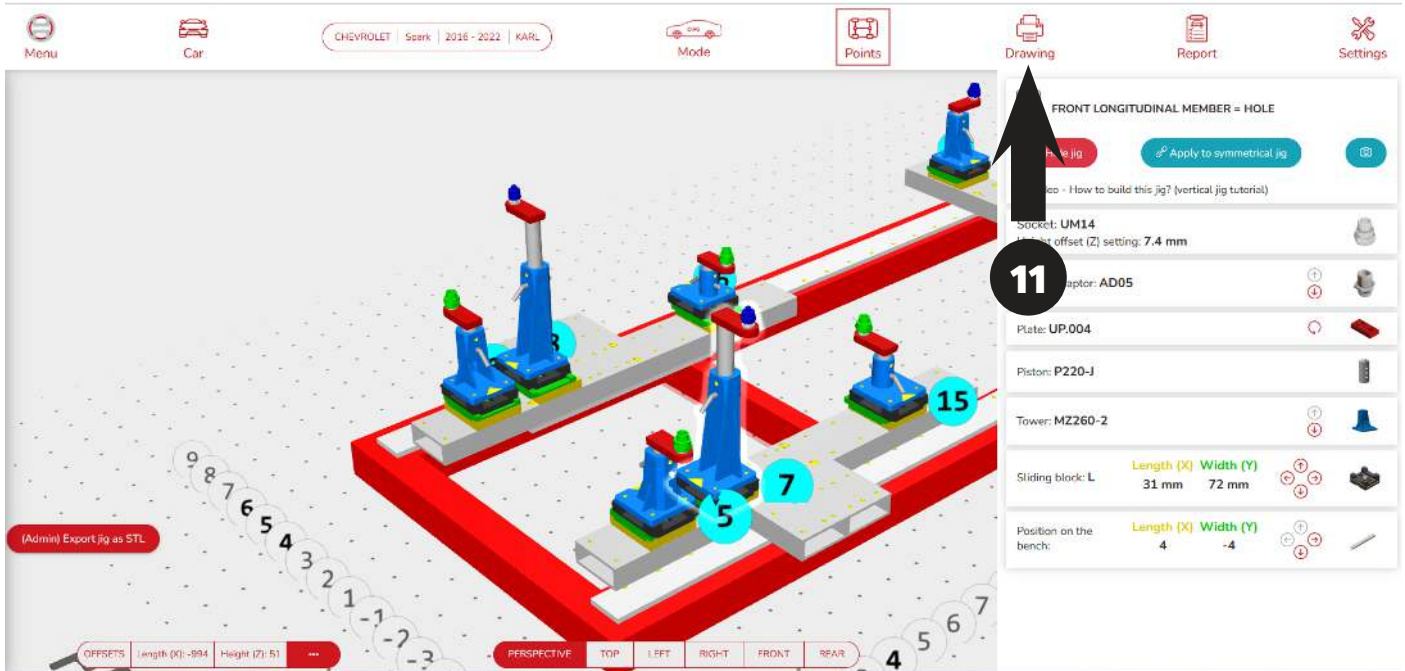
8

9

10

3. Photo of the particular point can be accessed from the icon on the top right corner of the customization layout.
4. Indicates the type of socket to be used with height offset reading.
5. Indicates the type of height adaptor to be used.
6. Indicates the type of UP Plate to be used.
7. Indicates the type of Piston and hole to be used.
8. Indicates the type of Tower and hole to be used.
9. Indicates Sliding Block values and the four arrows can be used for customizing the layout of the sliding block.
10. Indicates the position of crossmembers on the bench and can be customized based on the requirement.

11. 2D Layout can be generated from the drawing option in the layout.



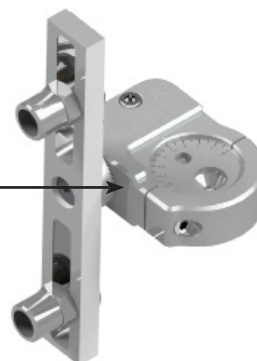
12. Report of the layout can be generated from the report tab after entering the details of the Vehicle and Customer. A dedicated option for adding real time photos of the damaged point is also available.



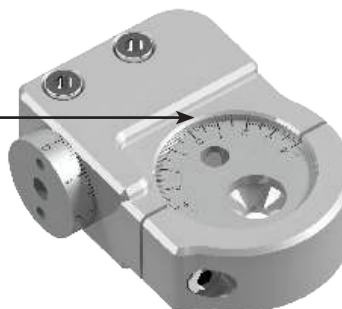
2.4 FIXATION OF ANGLED POINTS



Scale to adjust the rotational value



Scale to adjust the azimuth value



Angle jig Axe60 type B Angle: 42.8

ANC90



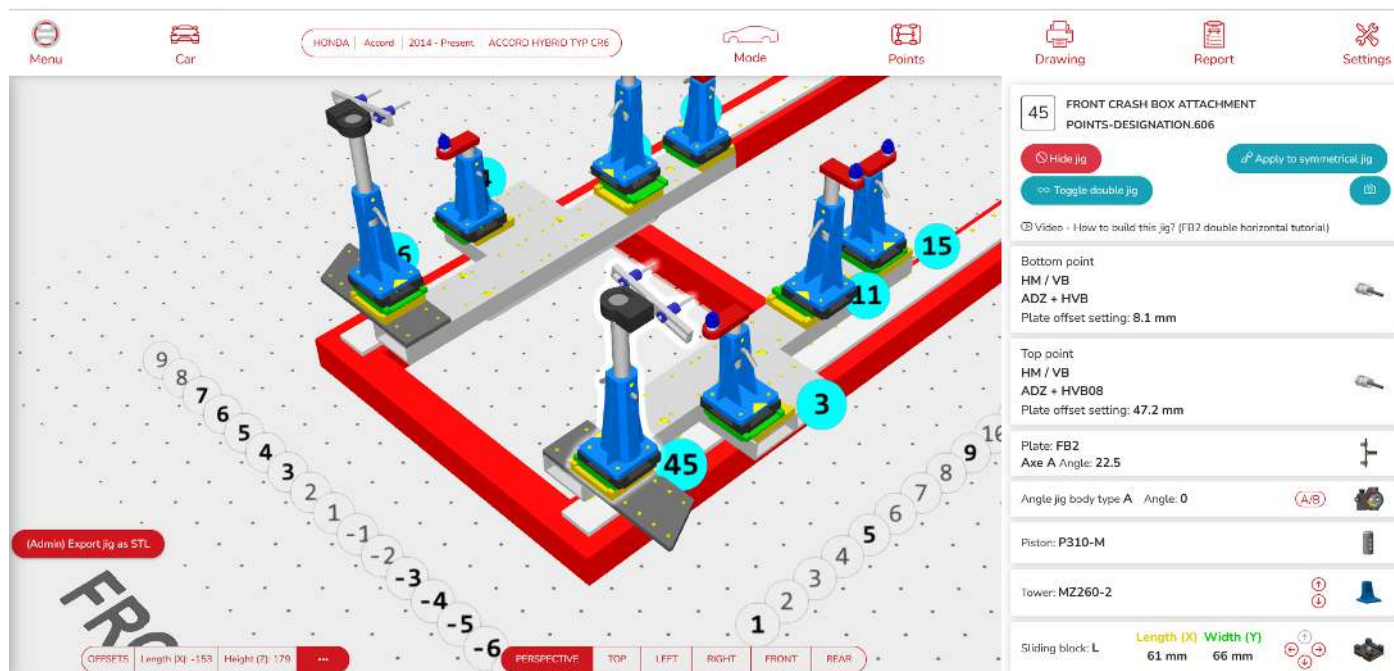
Angle jig body type B Angle: 30.6

A/B



1. Indicates the type of Axe used for angular point with degree.
2. Indicates the type of Body used for angular point with degree.

Scale to adjust the
z value



Bottom point

HM / VB

ADZ + HVB

Plate offset setting: **8.1 mm**



Top point

HM / VB

ADZ + HVB08

Plate offset setting: **47.2 mm**



Plate: **FB2**

Axe **A** Angle: **22.5**



Special fixation of front crash member fixing points

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FRONT CRASH BOX ATTACHMENT INNER HOLE



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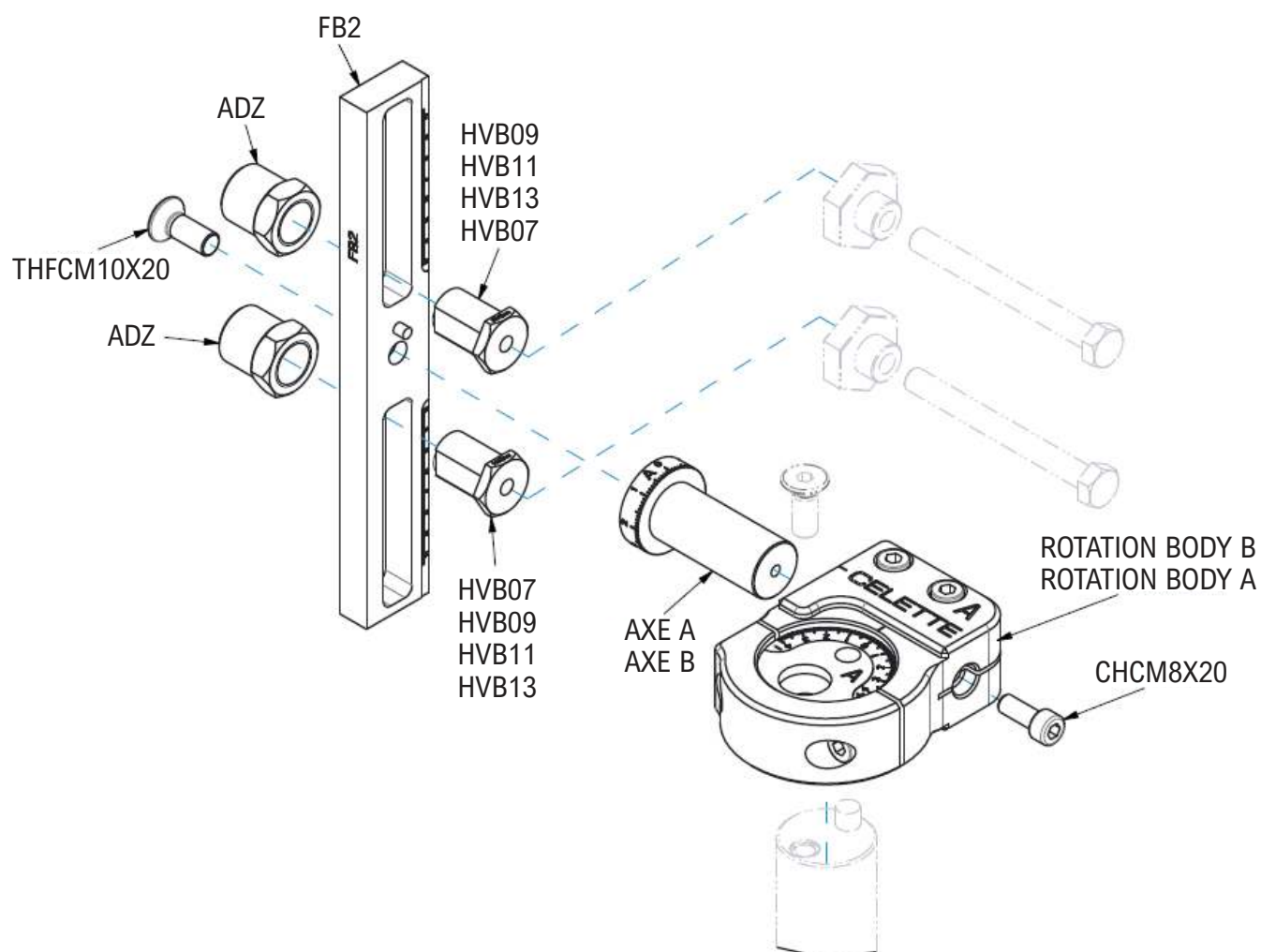
FRONT CRASH BOX ATTACHMENT POINTS-DESIGNATION.606



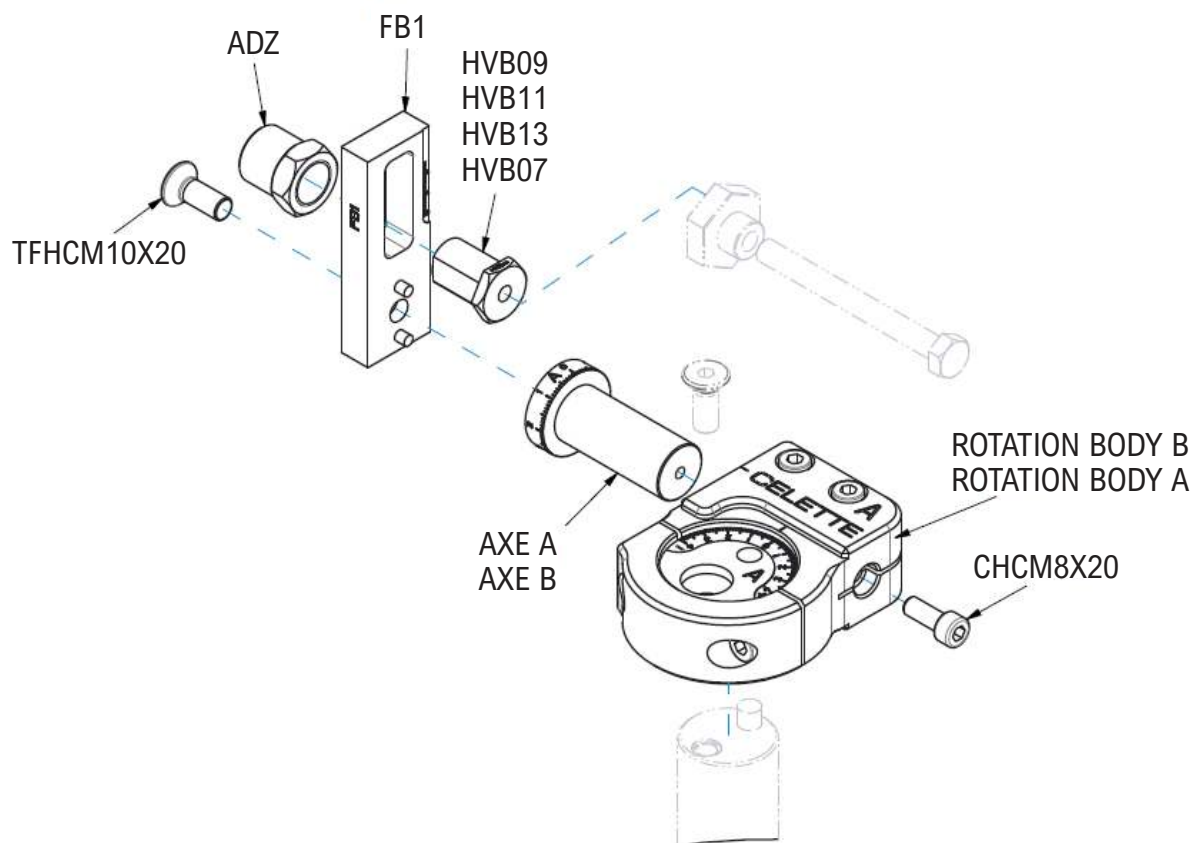
Pictures of the Crash Member Fixing Points

ASSEMBLY WORK INSTRUCTION FOR ANGLED JIGS

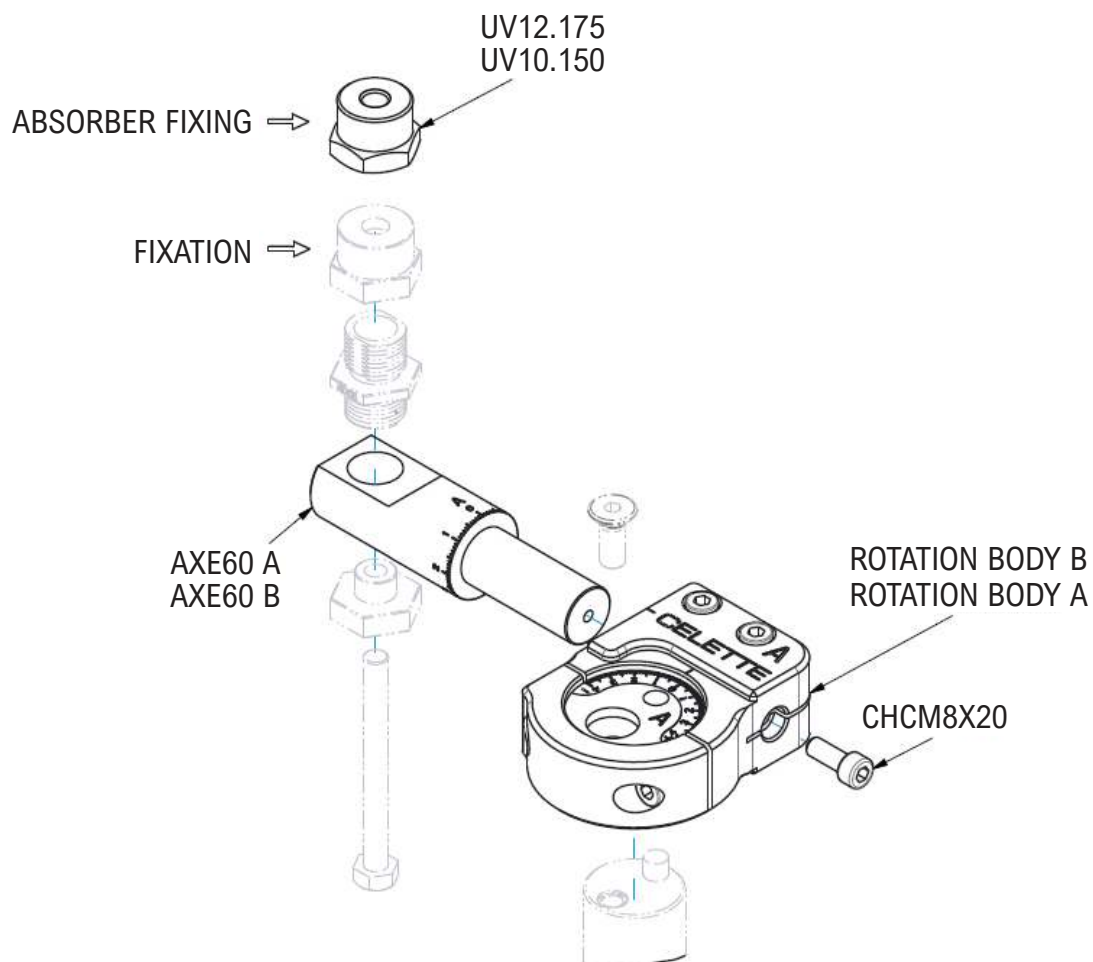
2 POINT FIXING OF ANGLED JIGS



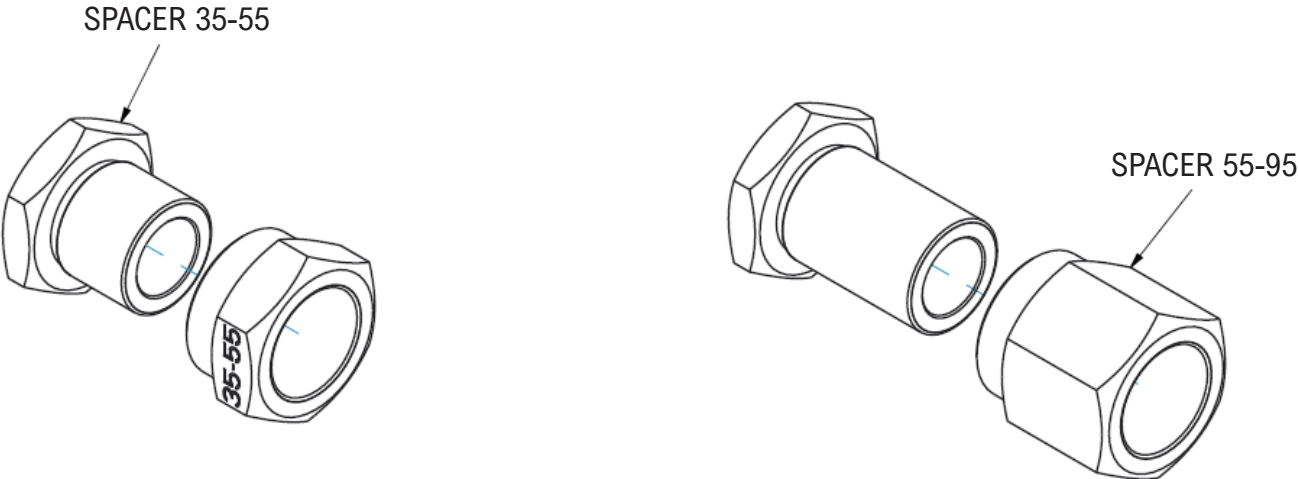
1 POINT FIXING OF ANGLED JIGS



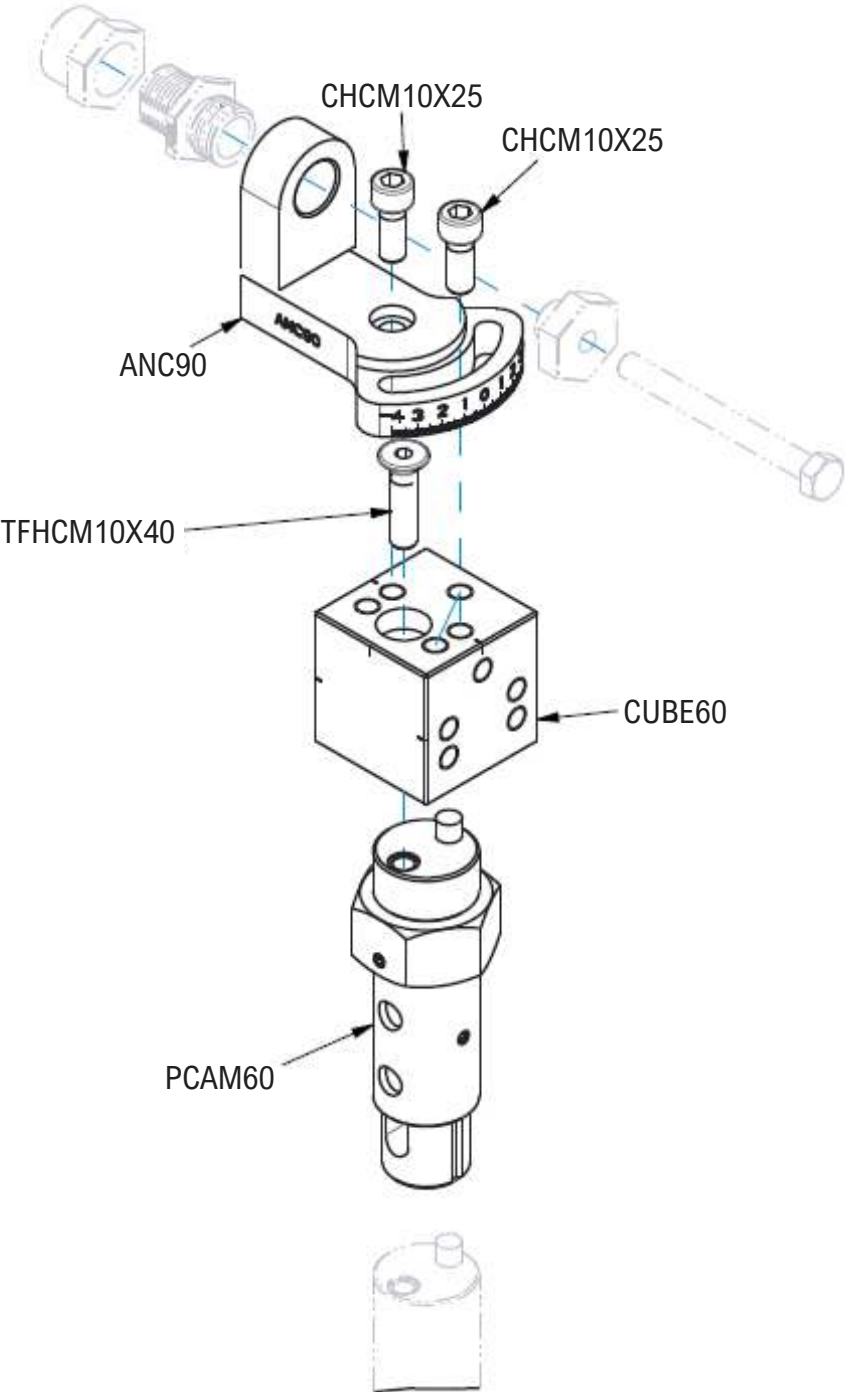
SHOCK ABSORBER FIXING OF ANGLED JIGS



SPACER FIXING OF ANGLED JIGS



HOLDING DEVICE OF ANGLED JIGS



THANK YOU!!!
FOR PURCHASING OUR PRODUCT

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



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