

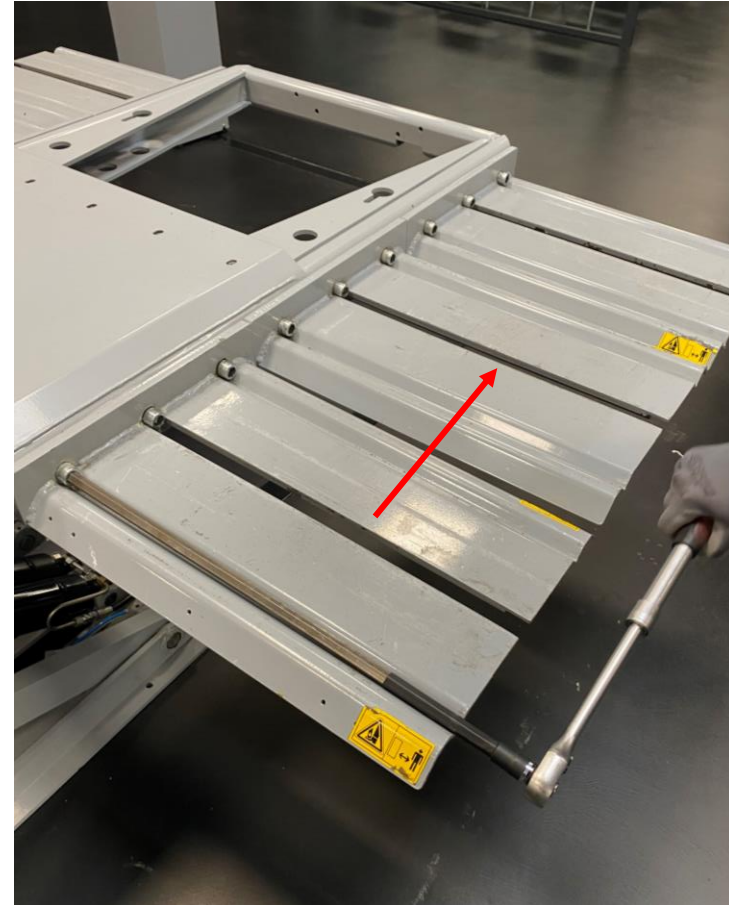


Multibench Package 6 – Installation procedure

Remove the angle plates by all the platforms of the Multibench.

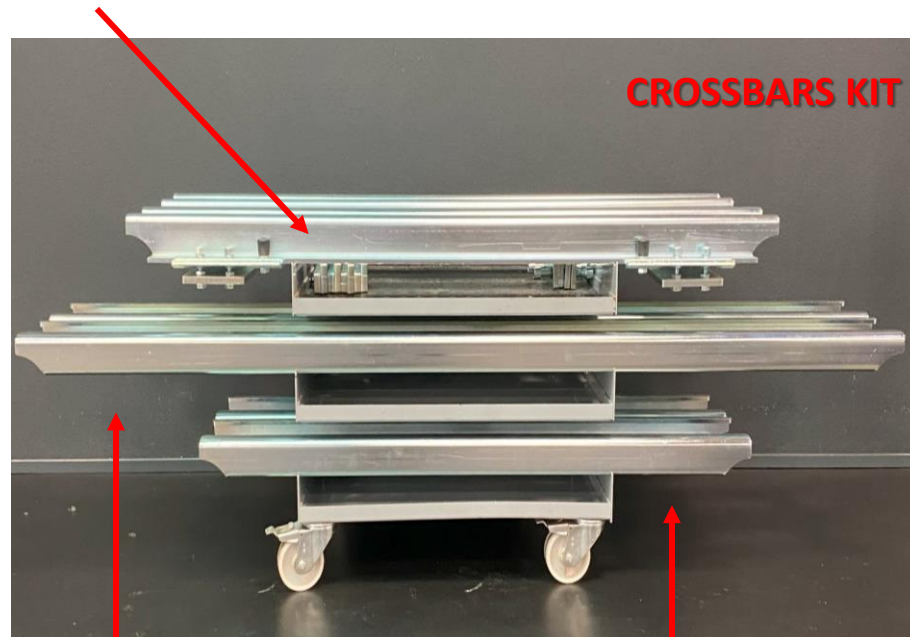


Loosen all the screws of the central platforms and move them closer to the front and the rear couples. Then tighten all the screws.



Bring the moving trolley closer to the crossbars kit.

Crossbars for the sliding bases



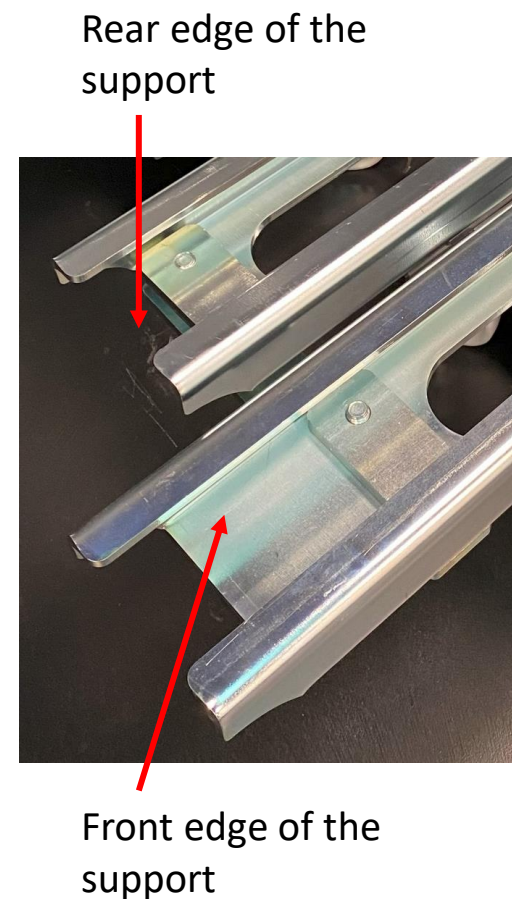
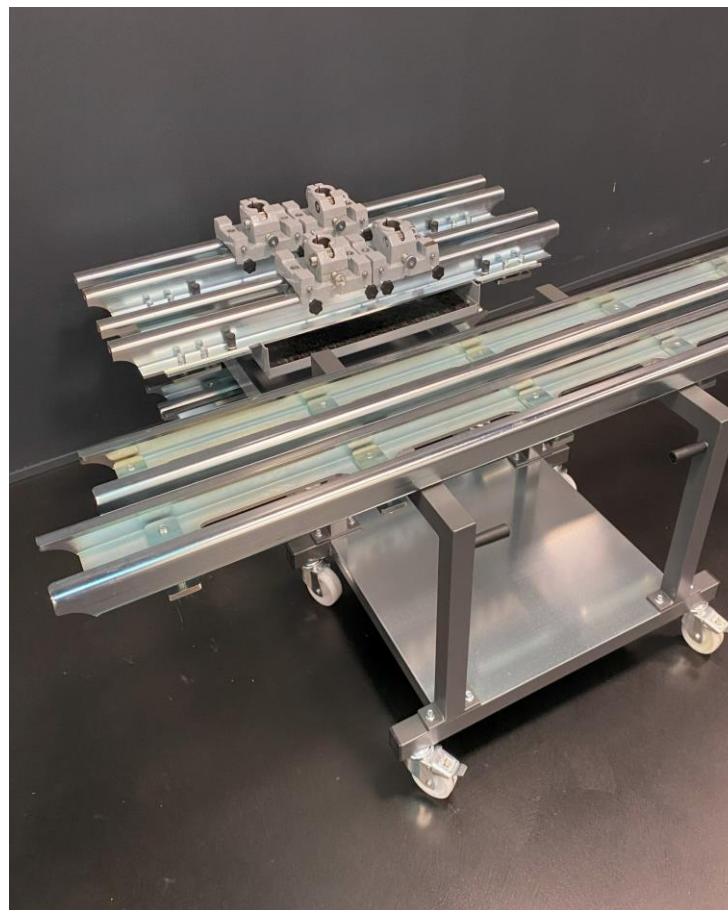
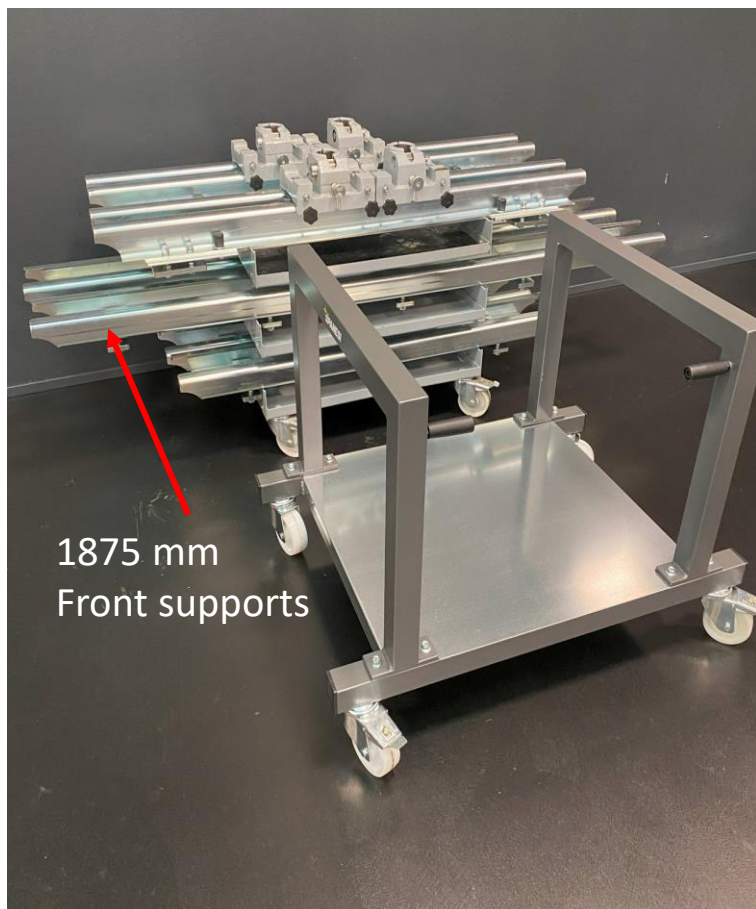
1875 mm
Front supports

1190 mm
Rear supports



Moving trolley

Load the front supports on the moving trolley. Pay attention: front supports are not symmetrical. The longer edge will must be aim to the front side of the bench.

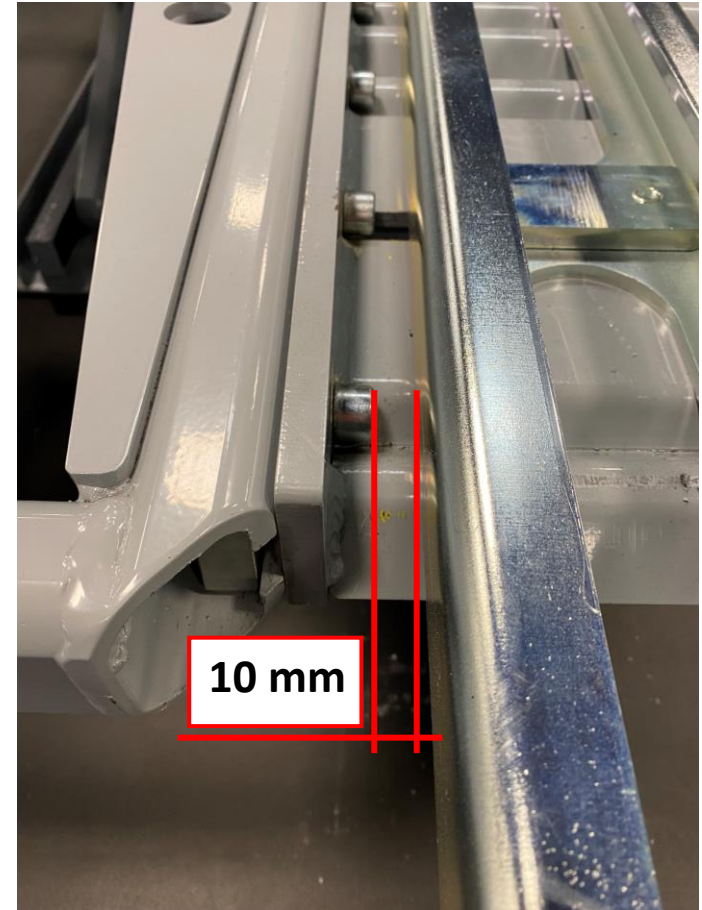


Move the trolley close to the platform. Then, set the height of the bench to insert the support onto the platform, using screws of the fixing plates to easily align it.

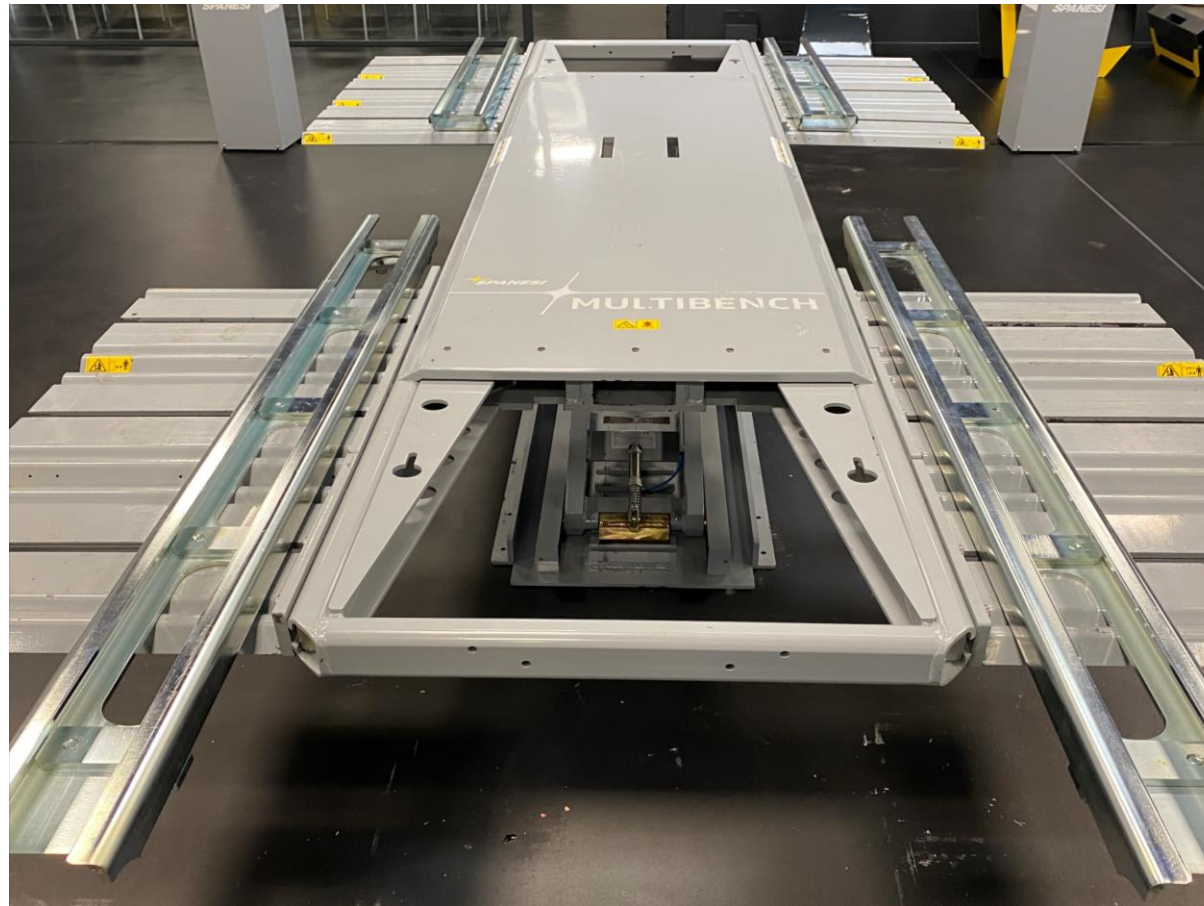
Front edge
of the
support



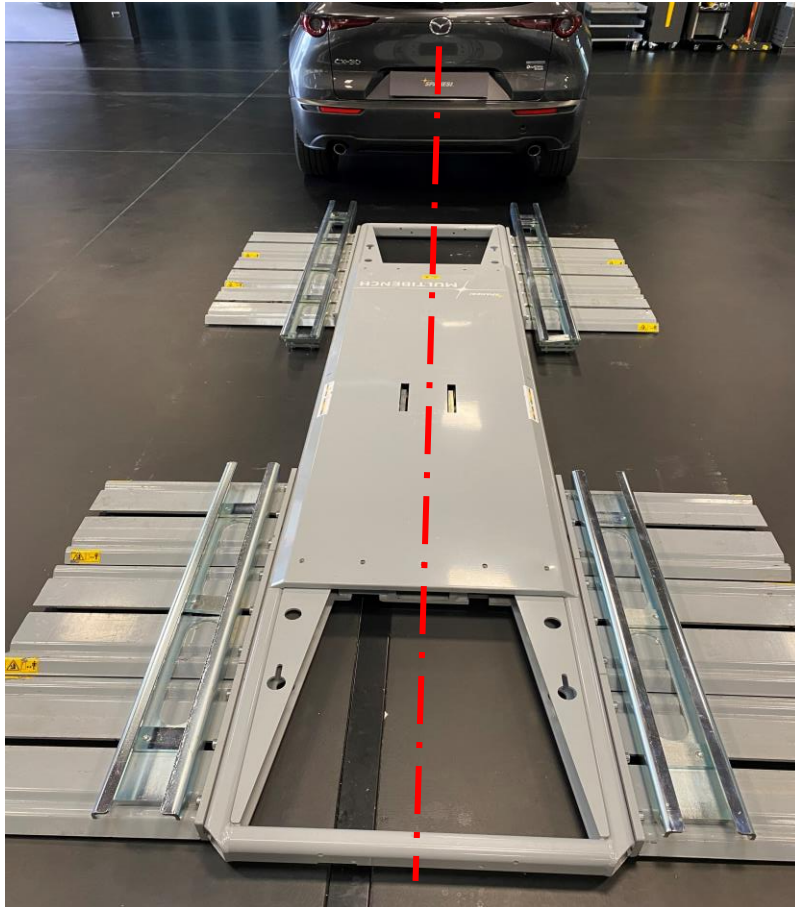
Push the support onto the platform and slide it until there is a gap of about 10 millimeters between the support and the screws of the platform.



Repeat previous steps for each support (front and rear). Do not tight the fixing screws, in order to allows for any further width adjustment of the supports.



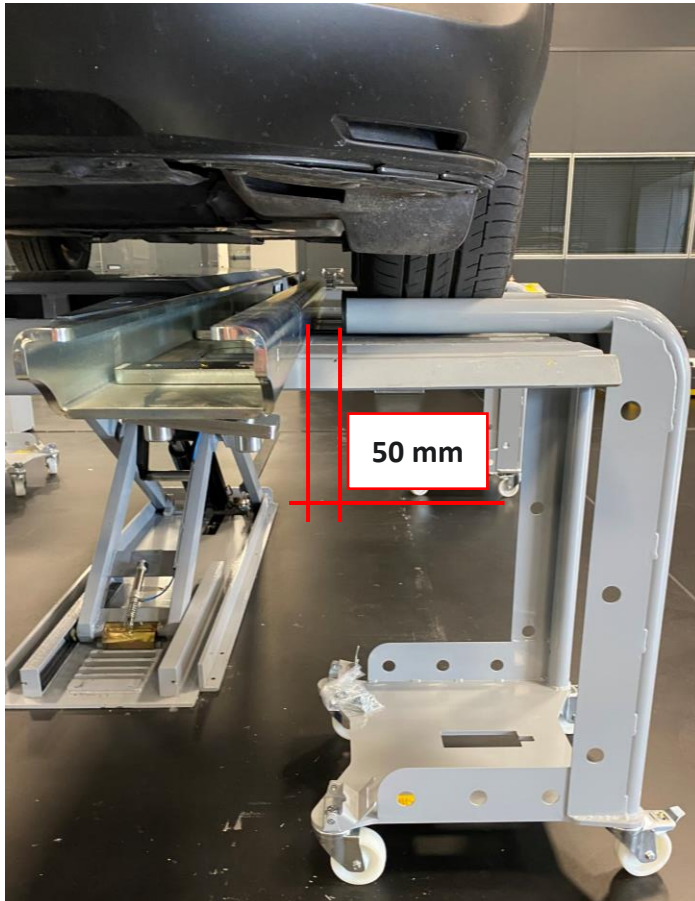
Load the vehicle on the Multibench paying attention to center it as more as possible to the bench axle.



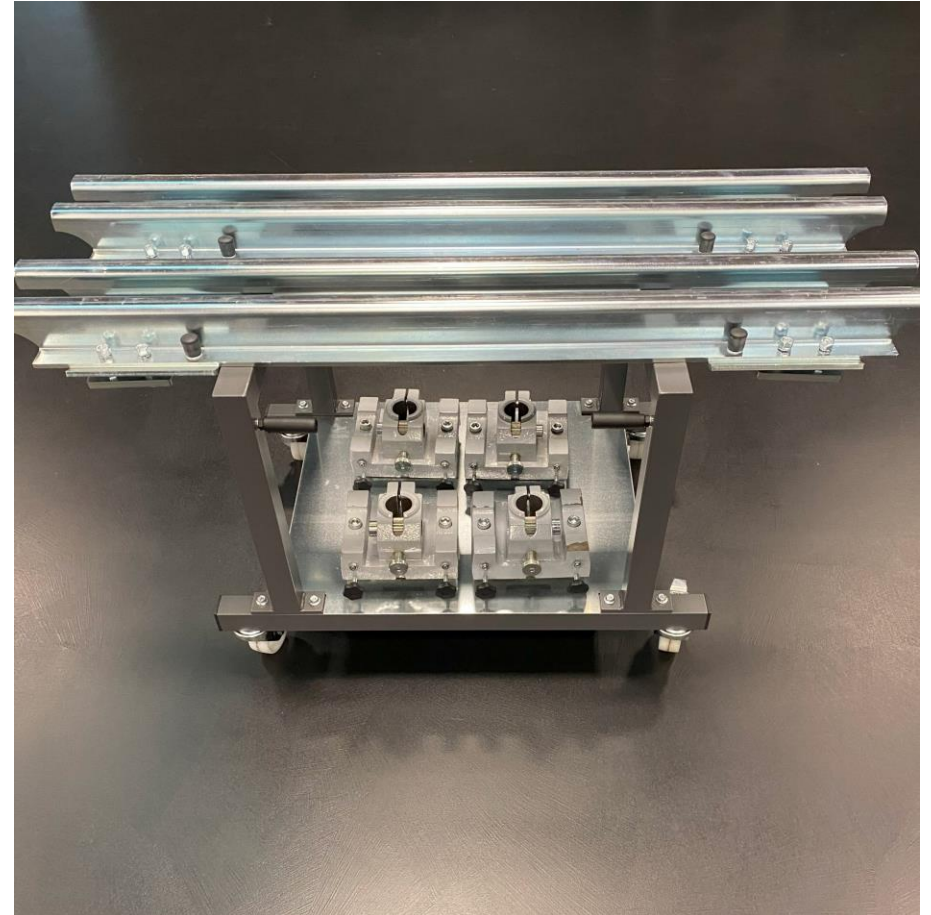
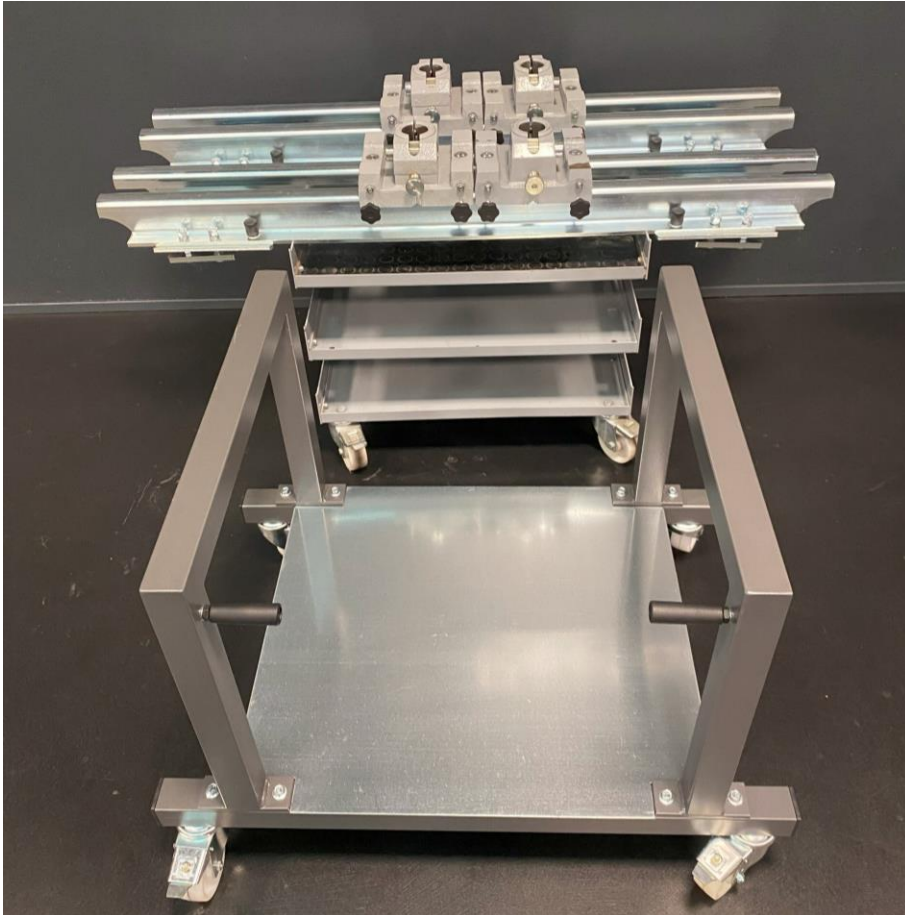
Lift the bench up to the height that allows to insert the trolleys under each wheels of the vehicle.



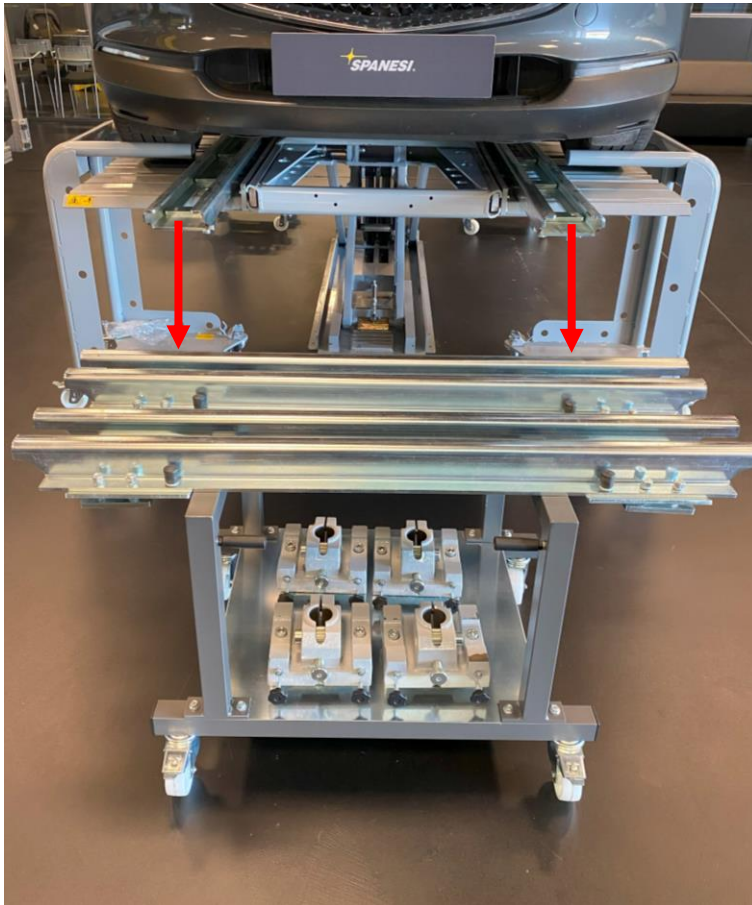
Make sure that the entire wheel is placed onto the upper trolley pipes. We suggest to keep a gap of about 50 millimeters between the trolleys and the supports for any further adjustment of the vehicle.



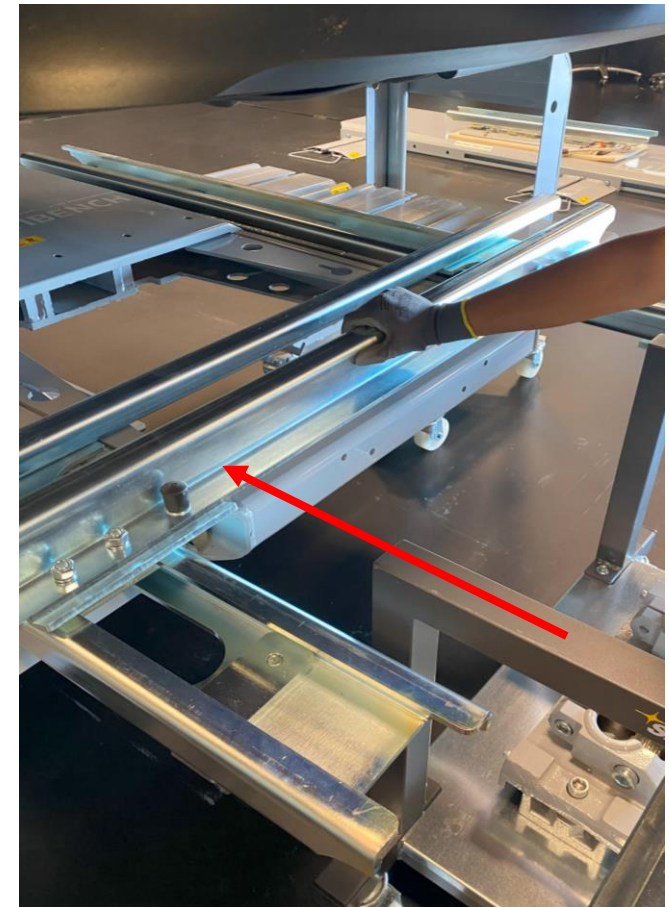
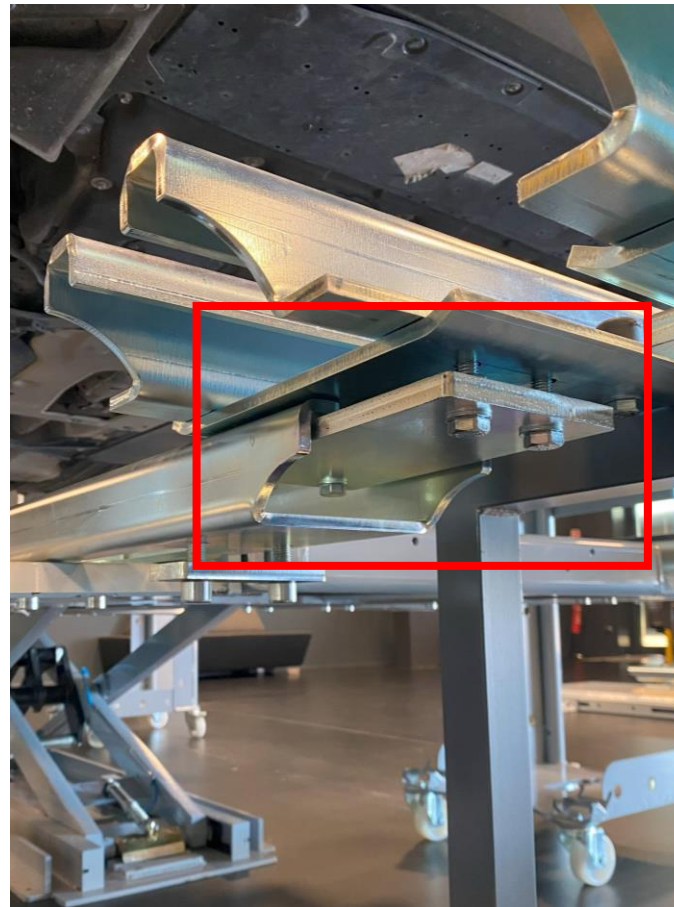
Bring the moving trolley closer to the crossbars kit. Load the crossmembers and the sliding bases as showed in pictures.



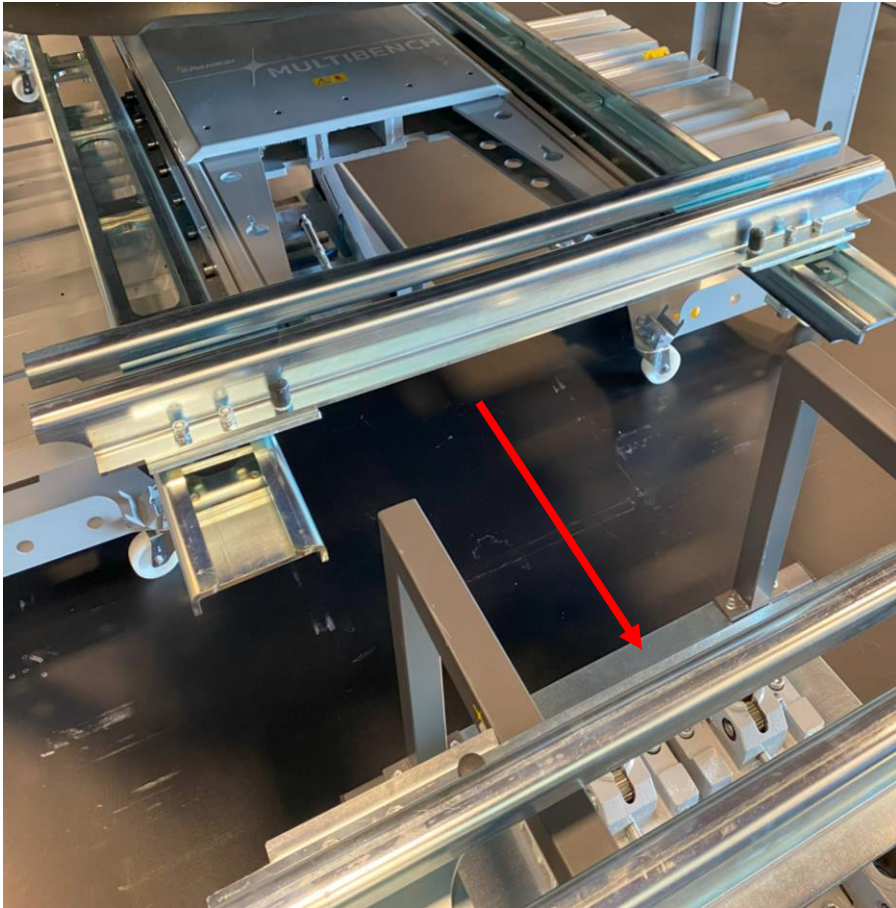
Move the trolley in front of the bench, then set the height of the bench to insert the crossbar onto the supports.



Move the trolley towards the bench so that the fixing plates of the crossbars pass through the supports profile and then push the crossbar under the vehicle.



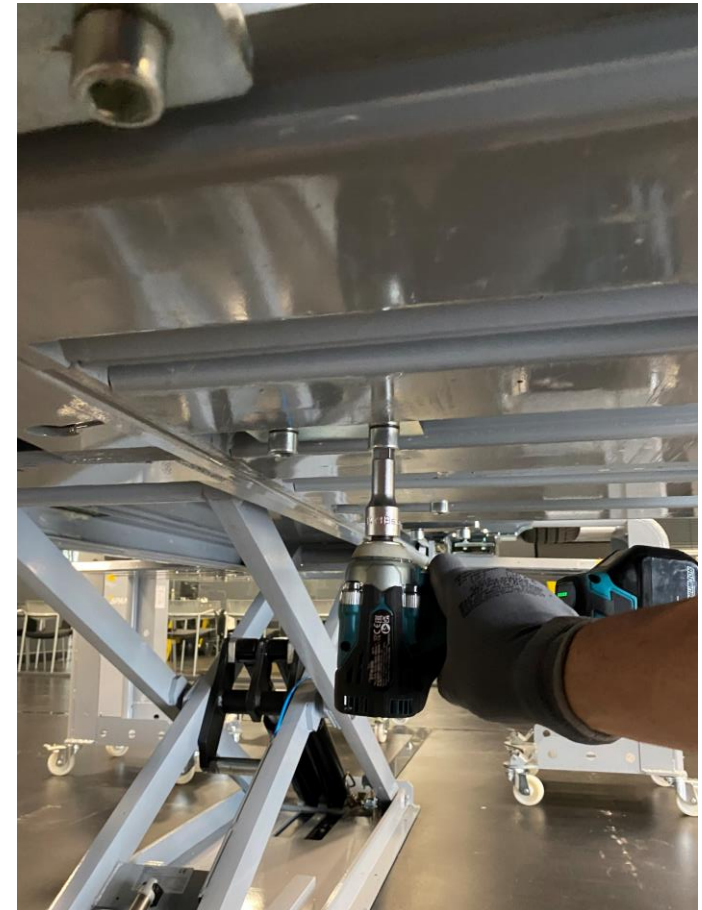
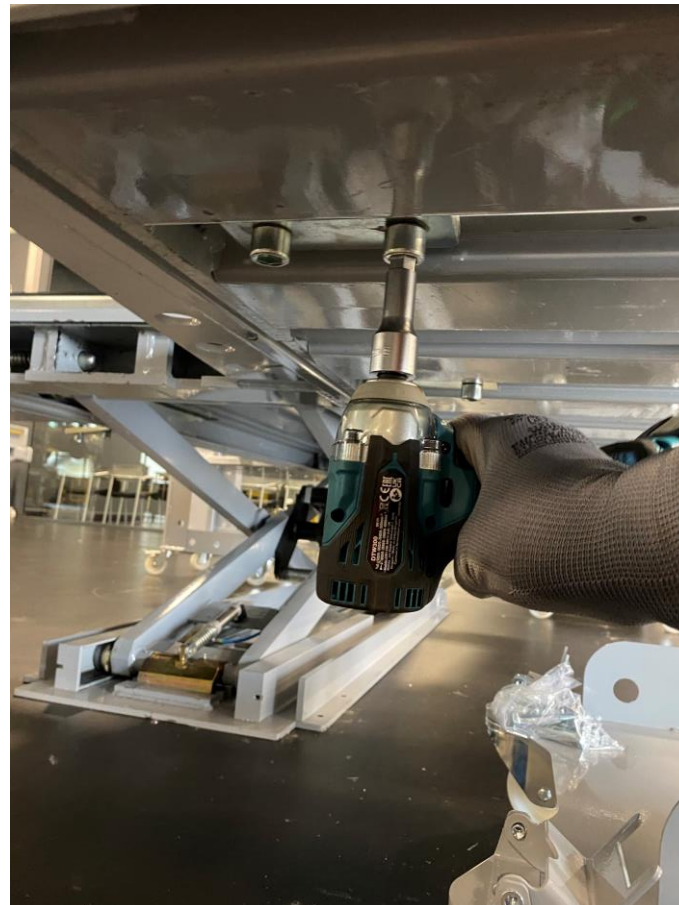
Move the trolley away from the bench, then push the crossbar next to the rear fixing points of the front suspension system (the Winstar jig drawings helps to find easily). Do not tight the crossbar fixing screws.



Repete the previous steps on the rear side of the vehicle, placing the crossbar next to rear suspension fixing points. Do not tight the fixing screws, in order to allows for any further lenght adjustment of the crossbars.



Once that all the crossmembers are placed under the vehicle, the fixing screws of the front and the rear supports can be tighten. Impact wrenches is recommended.



Install the sliding bases on the crossbars, paying attention that the adjusting screws of the base look at the external side.



Looking at Spanesi WINSTAR datasheets allows to easily find the mounting points for the front and rear suspensions, on which the jig solutions must be fixed for a correct and safe anchoring.

WinStar - Release 1-2024

Marche e modelli Informazioni su WinStar

Marche modelli Ricerca Meccanica smontata anteriore Meccanica montata anteriore Meccanica smontata posteriore Meccanica montata posteriore Schede tecniche

MAZDA
CX-30 - FWD, Suv, 5 Door (DM)

Ricerca
Marca: maza Modello: cx Codice telaio: Cerca Azzerà risultati

Elenco marche: MAZDA

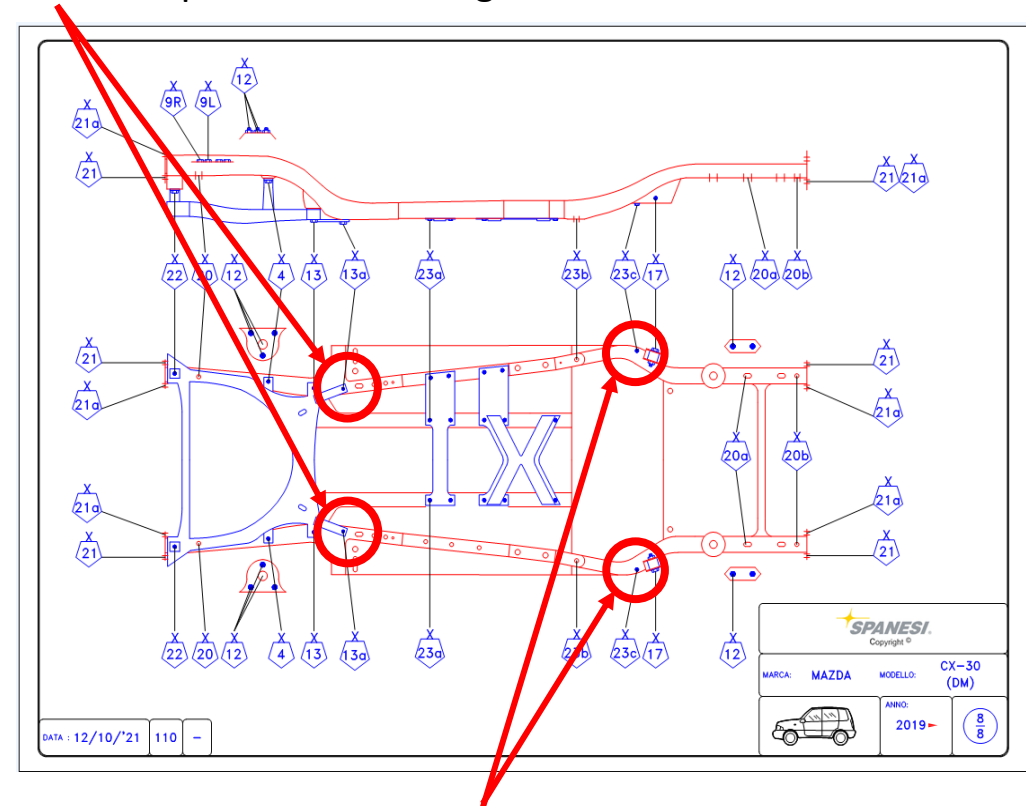
Descrizione	Telaio	Inizio produzione	Fine produzione	Disegno
CX-3 - FWD, Suv, 5 Door (DK)	DK	2015		103
CX-30 - FWD, Suv, 5 Door (DM)	DM	2019		110
CX-4 - AWD, Suv, 5 Door		2016		99
CX-4 - FWD, Suv, 5 Door		2016		100
CX-5 - AWD, Suv, 5 Door (KEK97, KE2AW, KEEAW) (Wheelbase 2700mm)	KEK97-KE2AW-KEEAW	2012	2017	86
CX-5 - AWD, Suv, 5 Door (KF)	KF	2017		105
CX-5 - FWD, Suv, 5 Door (KEF97, KEEFW, KE2FW) (Wheelbase 2700mm)	KEF97-KEEFW-KE2FW	2012	2017	89
CX-5 - FWD, Suv, 5 Door (KF)	KF	2017		106
CX-7 - 4WD, Suv, 5 Door (ER8)	ER8	2007	2012	78
CX-9 - AWD, Suv, 5 Door		2007	2016	88

Visualizzazione ingrandita immagine modello



to be SPANESI WINSTAR

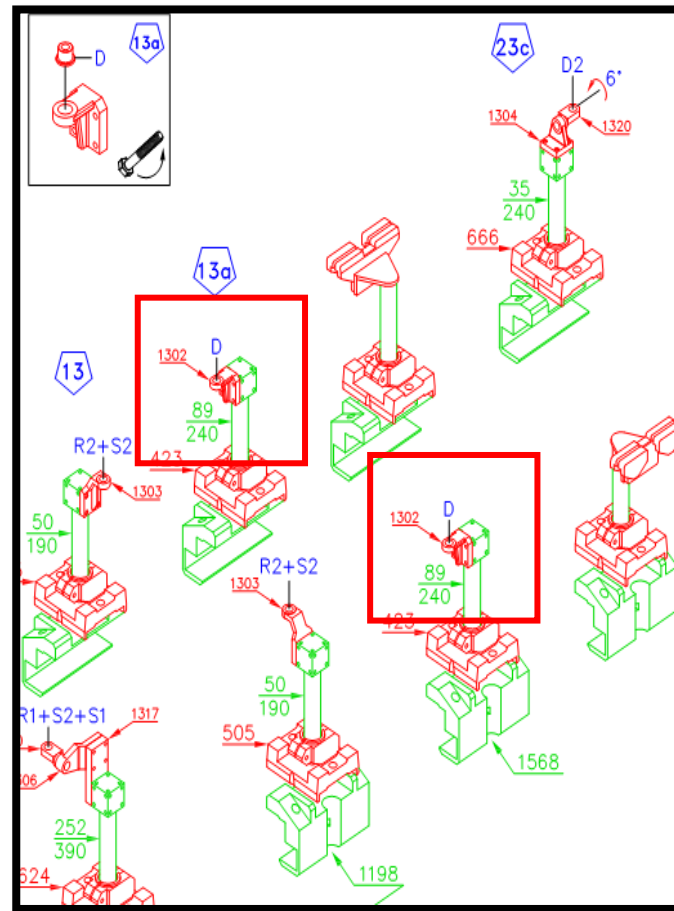
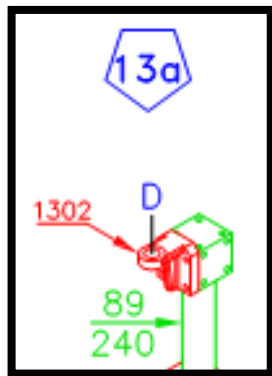
Front suspension mounting



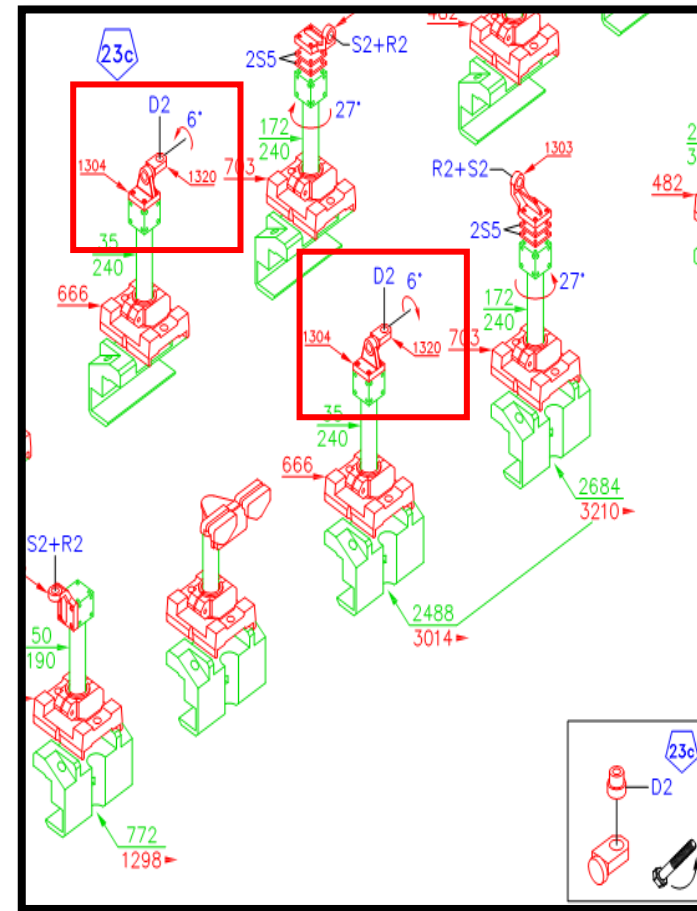
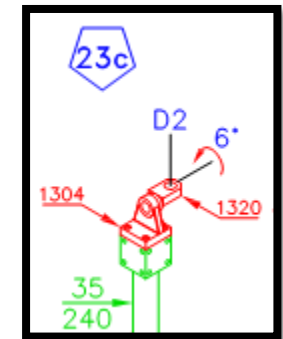
Rear suspension mounting

The Winstar datasheets provides all the information required for the jig assembly (bushings, washers, cylinders and cubes, jig terminals and screws).

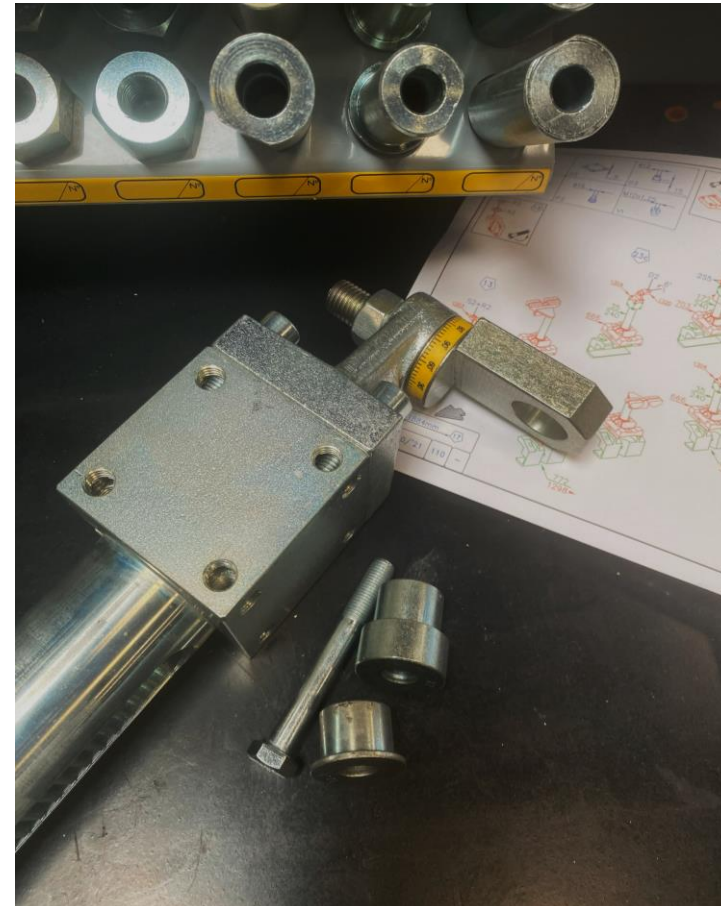
Front suspension
jig solution



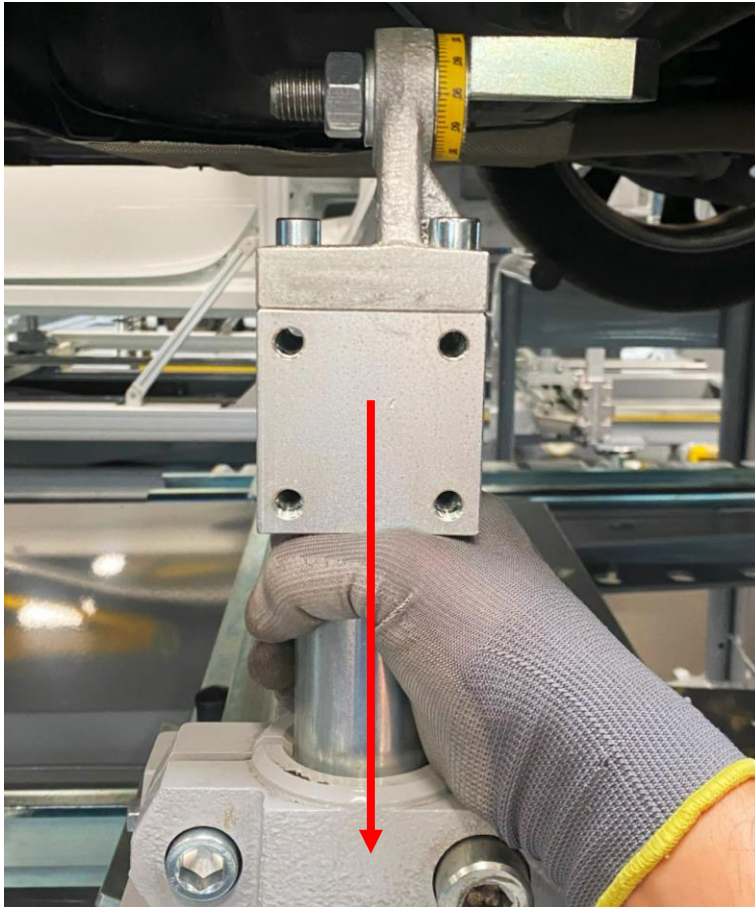
Rear suspension
jig solution



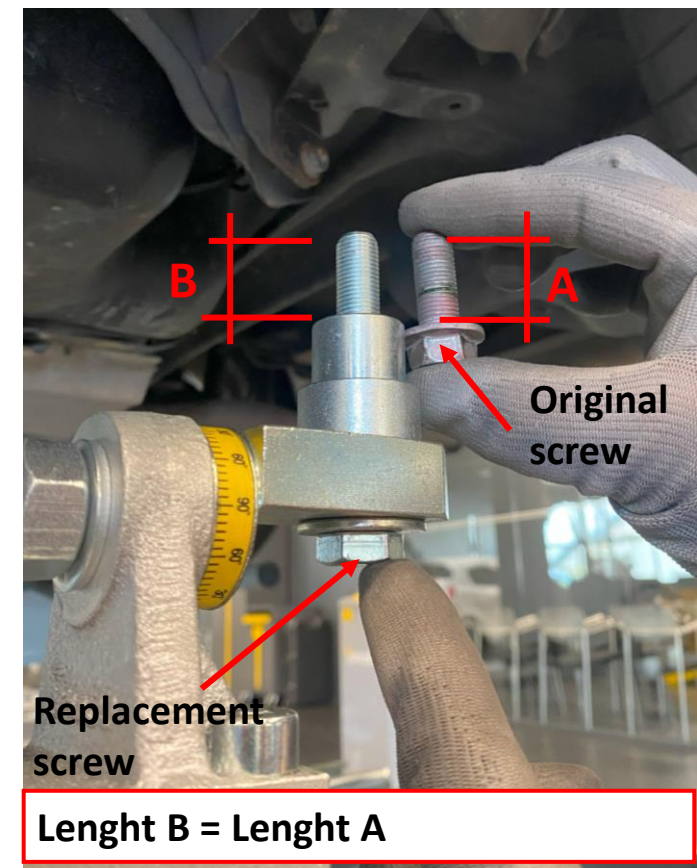
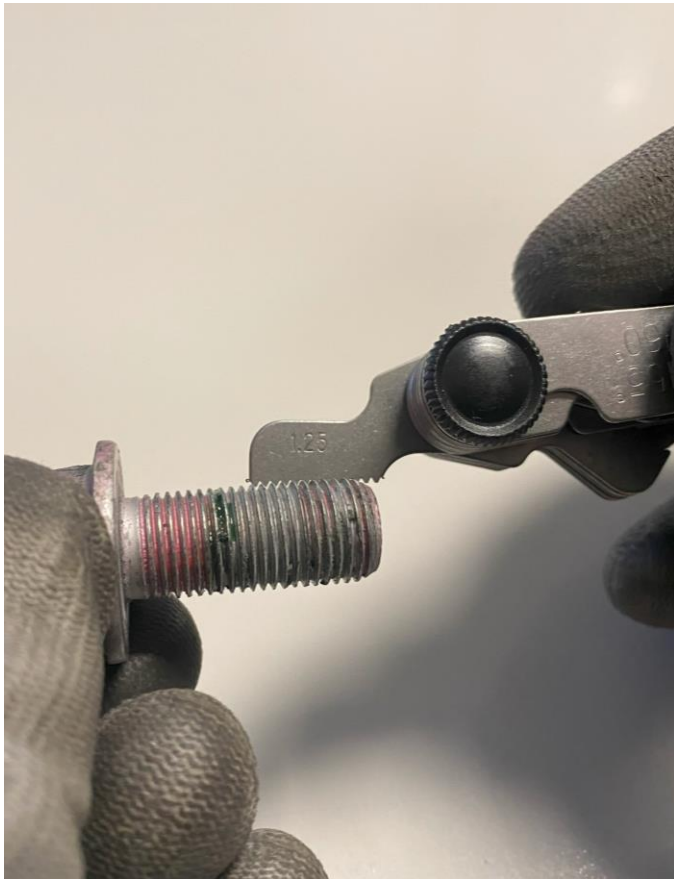
Assemble the jig solutions expected in the datasheet by taking all the parts needed (bushings, washers, cylinders and cubes, jig terminals and screws) from the «Universal Jig Trolley».



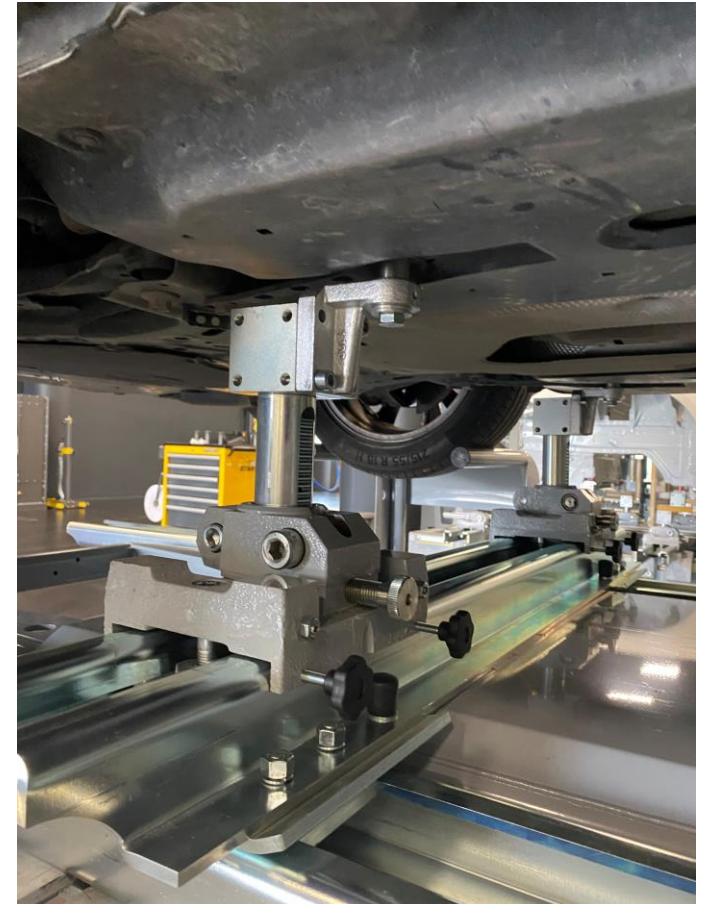
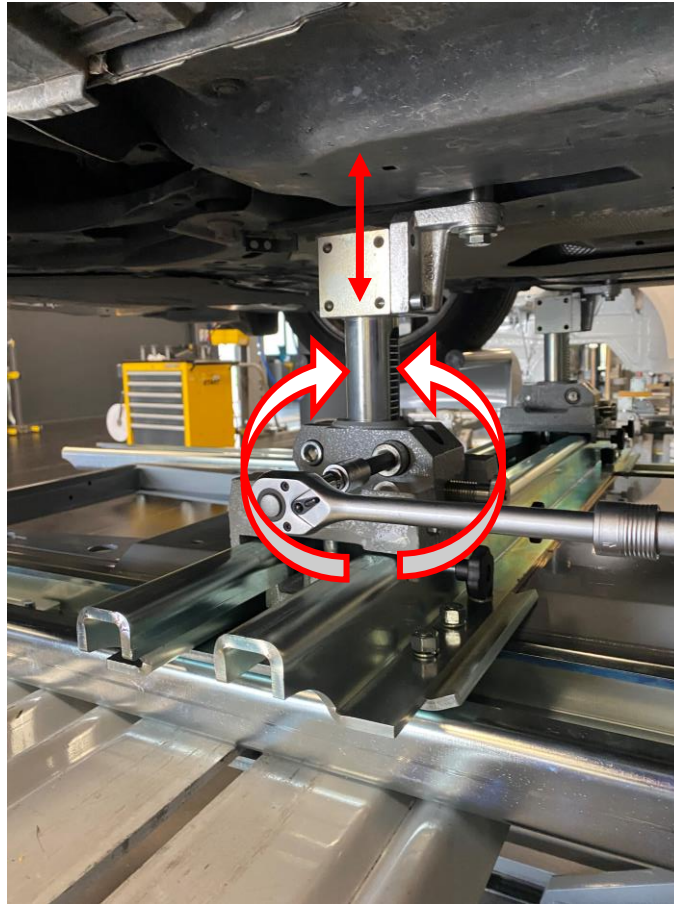
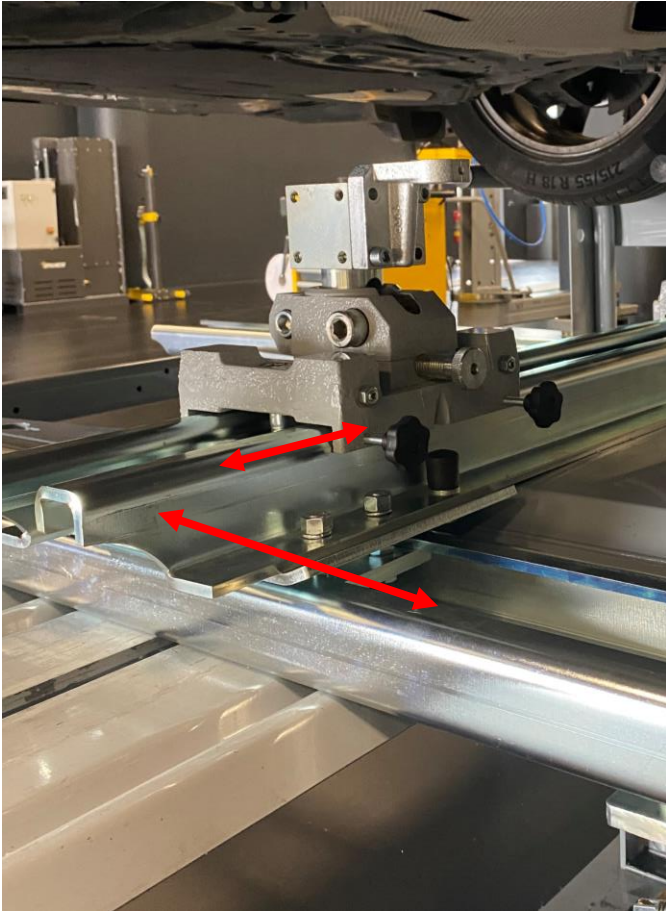
Put the cylinder with the anchoring solution into the sliding base. Unscrew and remove the screw that fix the suspension to the chassis.



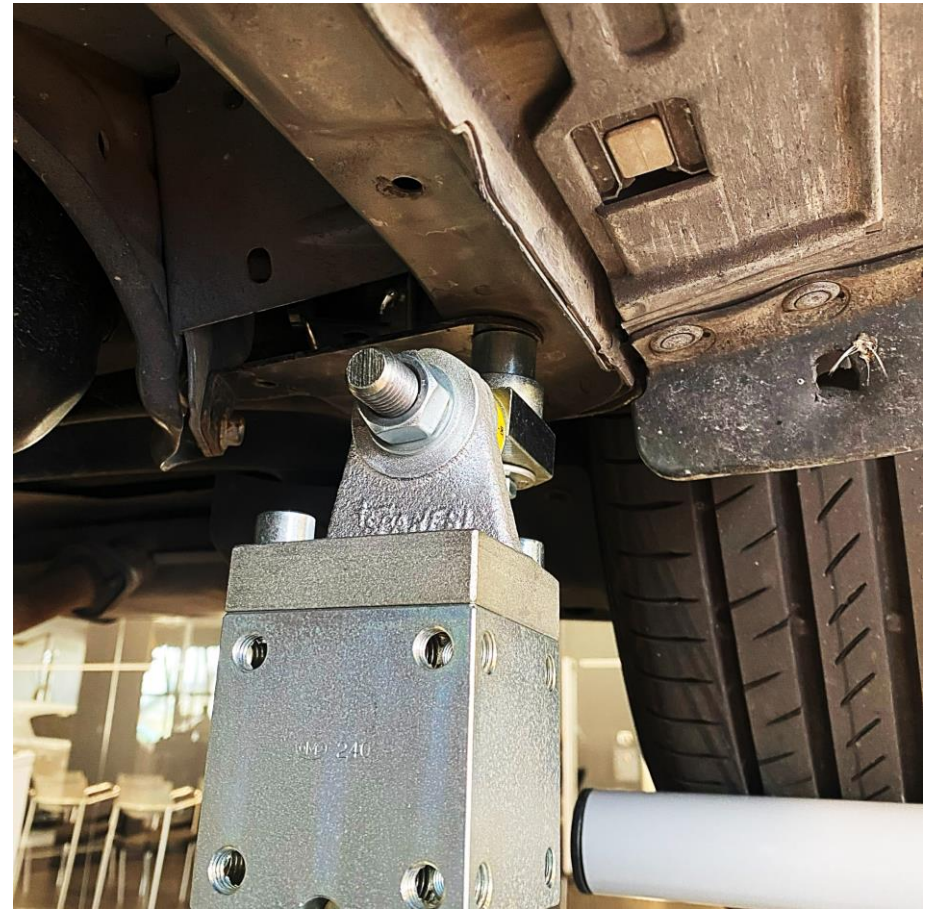
Note: the mechanical mounting screws usually need to be replaced. In order to choose the right ones is important to measure the thread and diameter of the original screws. The replacement screws length depends on the thickness of the jig solution. View the picture as example.



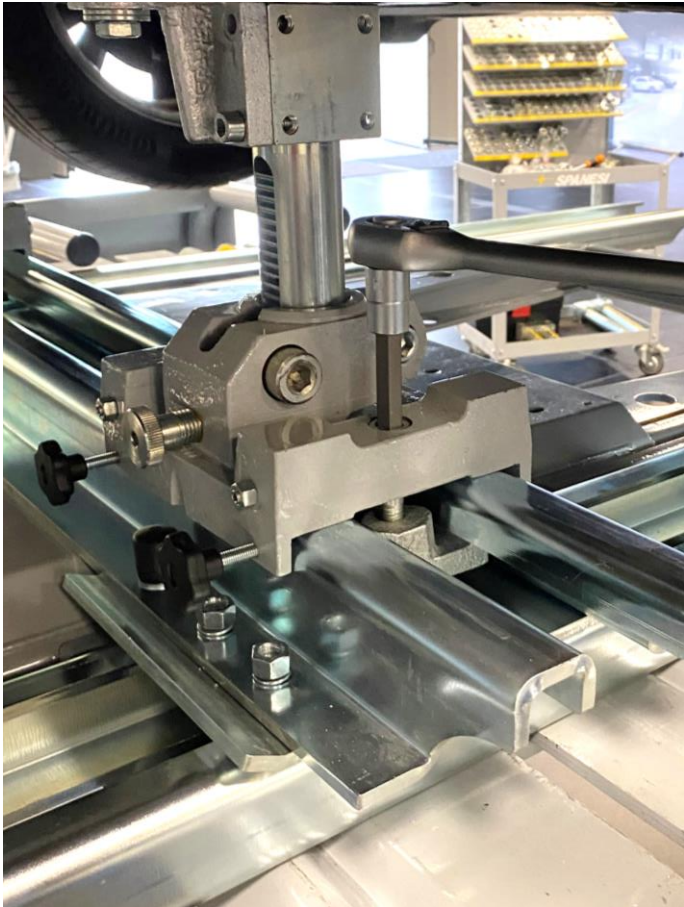
Move the crossbar and the sliding base in order to place the jig terminal close to the suspension mounting point. The regulation screw on the side of the sliding base allows to set the height of the cylinder, so the jig solutions can be fixed using the screw with the bushes and spacers needed. The vehicle position can be also adjusted moving the trolleys placed under the wheels.



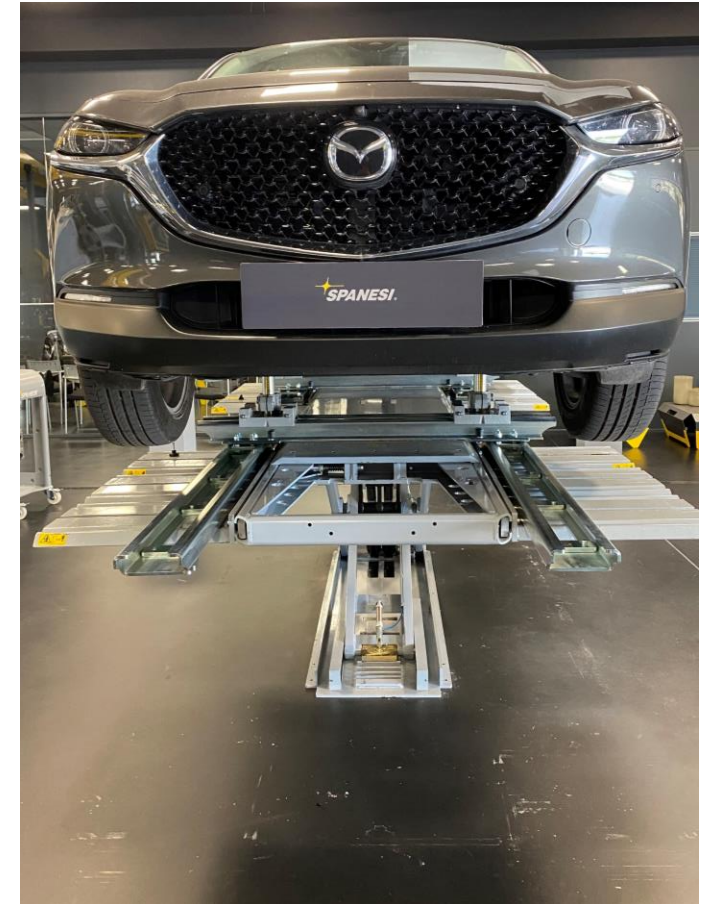
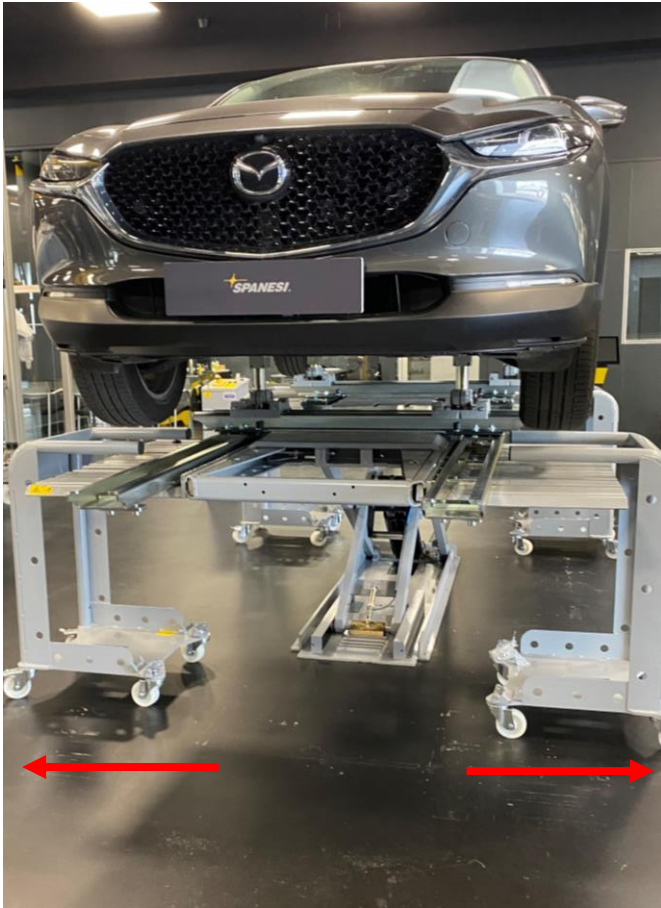
Repeat all previous sequences for the opposite side and on rear suspension mounting points.
It is important to tighten the screws properly.



Now tighten all the locking screws starting from the sliding bases to finish with the ones of crossbars.



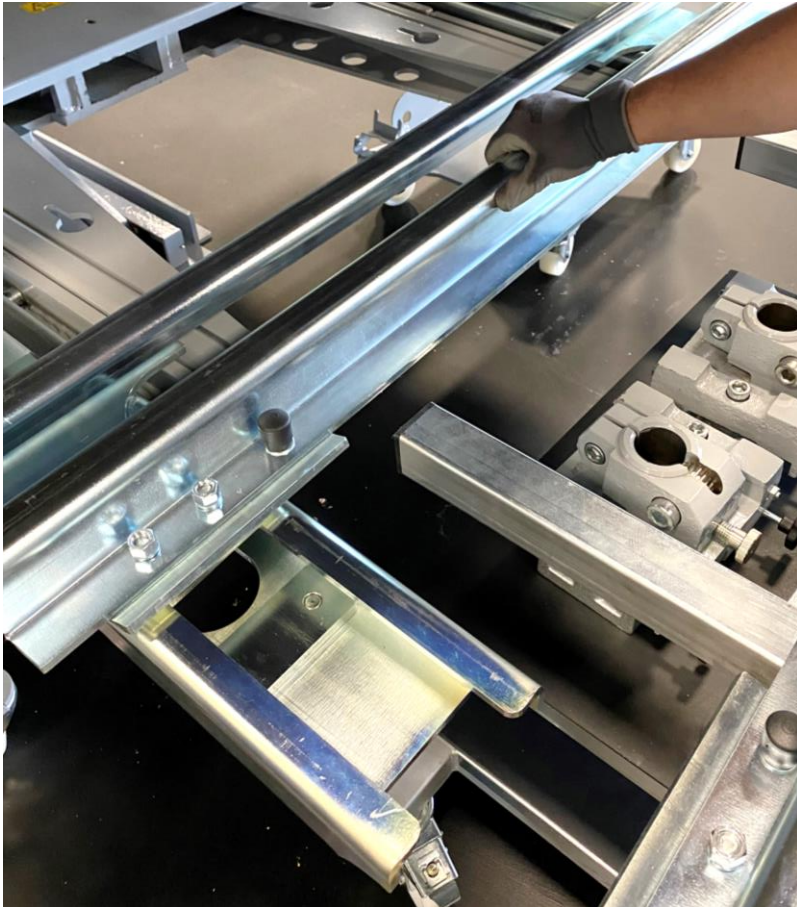
Lift up the bench and move away the trolleys. The vehicle is now locked to the bench and ready to be repaired.





**Optional: additional crossbar for Touch arm and
extra jig solutions mounting**

Optional: the additional crossbar allows to install the Touch measuring system and further jig solutions for other anchoring points.





Performance and Design