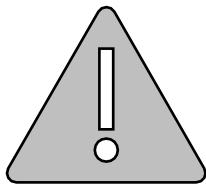
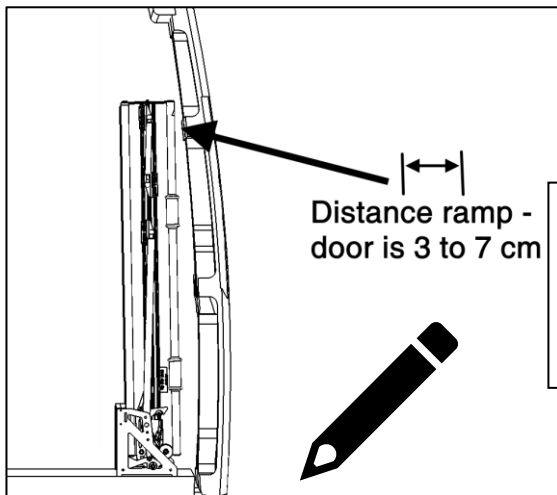
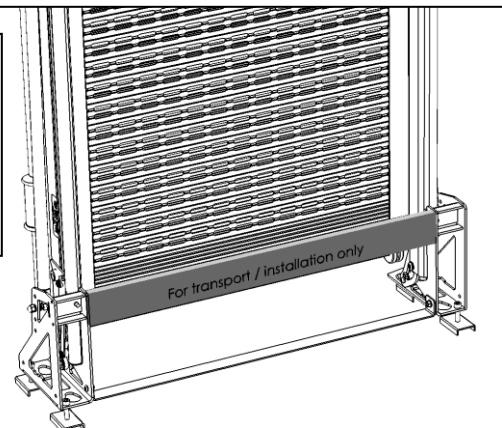


Mechanical Installation

Always create a safe working environment. As the weight of the ramp exceeds 25Kg; it is advisable for **two people** to be needed for lifting the ramp in or out the vehicle.



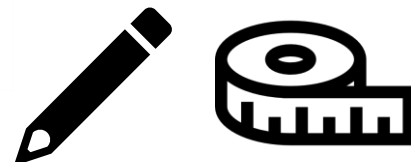
Do not remove the wooden and steel transportation distance pieces between the feet assemblies until the ramp is fitted into the vehicle.

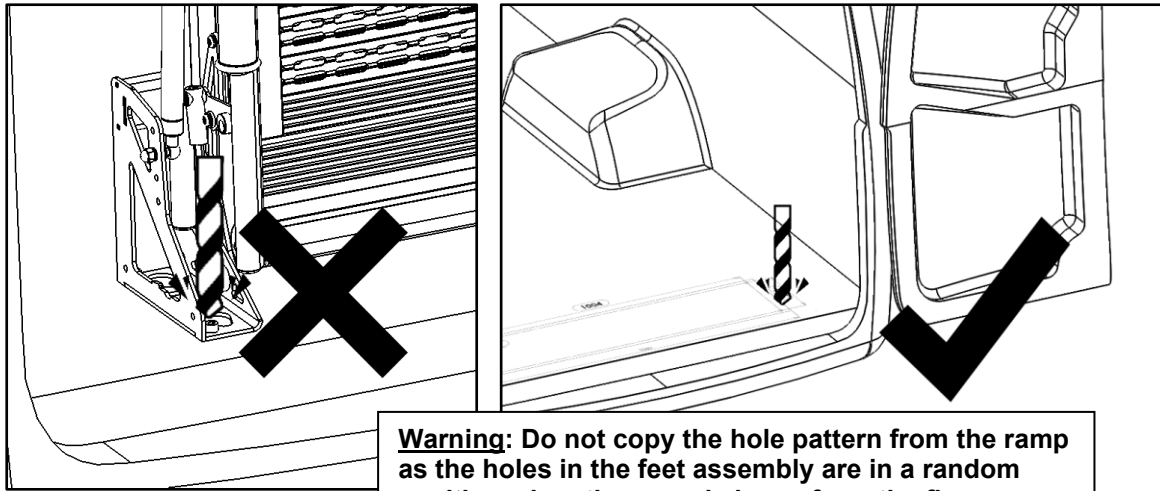


Distance ramp - door is 3 to 7 cm

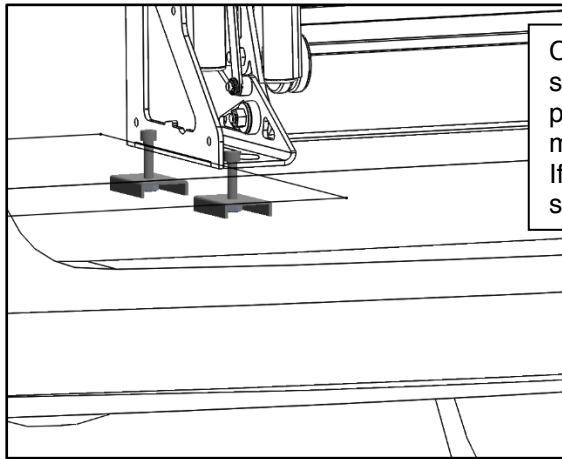
Locate the exact position where the ramp will be fitted at the floor. The ramp should be placed as close as possible to the door, leaving 3-7cm clearance space when the door is closed.

Mark out the position for the 4x M10 mounting bolts for the Mounting plates. Drill the 4 (Ø10.5mm) holes through the floor in a rectangular pattern of 956mm x 155 mm this is a different pattern as for fixed installation

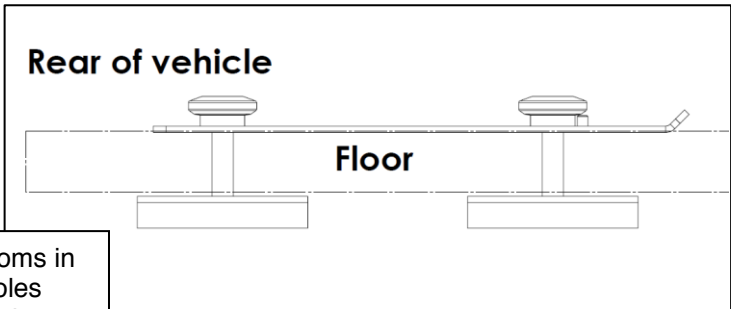




Warning: Do not copy the hole pattern from the ramp as the holes in the feet assembly are in a random position when the ramp is loose from the floor.

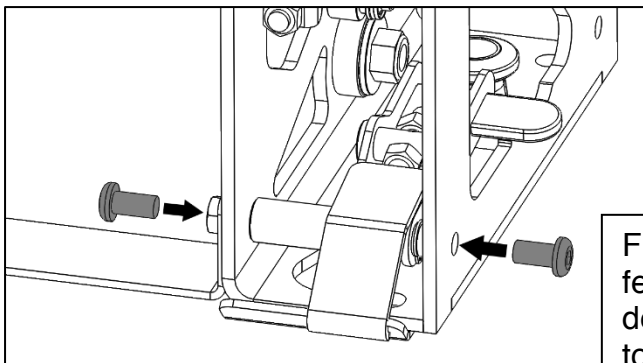
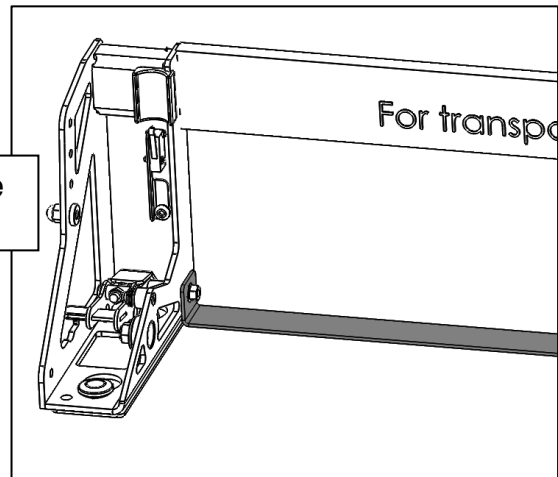


Check under the vehicle for the position of the chassis. In some applications the reinforcing U-profiles may not fit properly, in such cases the U-profile will need to be modified to make it fit.
If a new back-up plate is required please use one with a similar surface area of 35 cm² to fit the requirements.



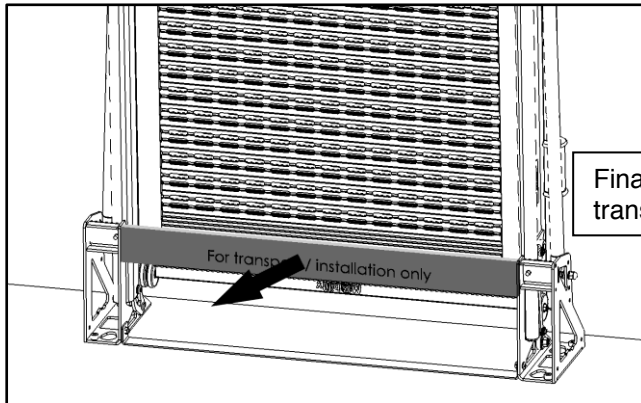
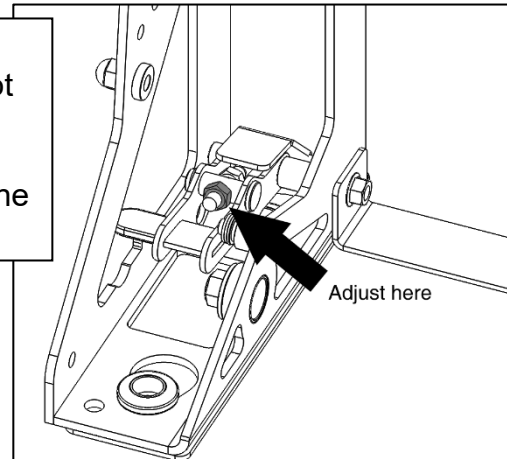
Place the two mounting plates with the mushrooms in the vehicle and fix using the M10 bolts. If the holes are going through the chassis, longer bolts may be needed. These bolts can be purchased from a local supplier. Bolts used must be to DIN 912 / ISO 4762 specification M10 x length (as req'd) – 10.8

Place the distance bar between the two feet assemblies

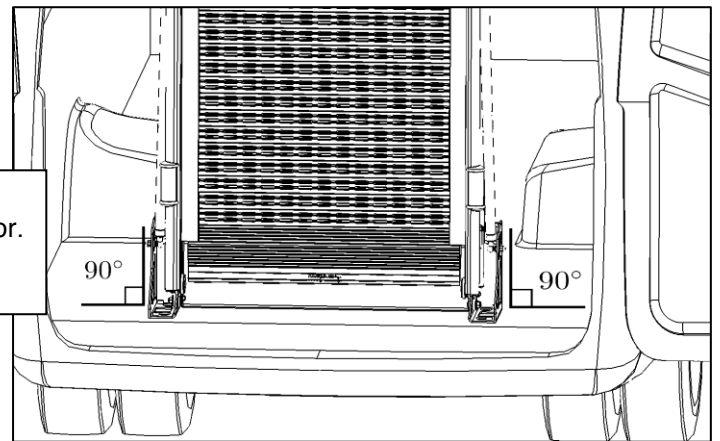


Fit the toggle device at the left and right feet. Carle full there is a left and right device. Fix with the two M8 screws together with the distance bar.

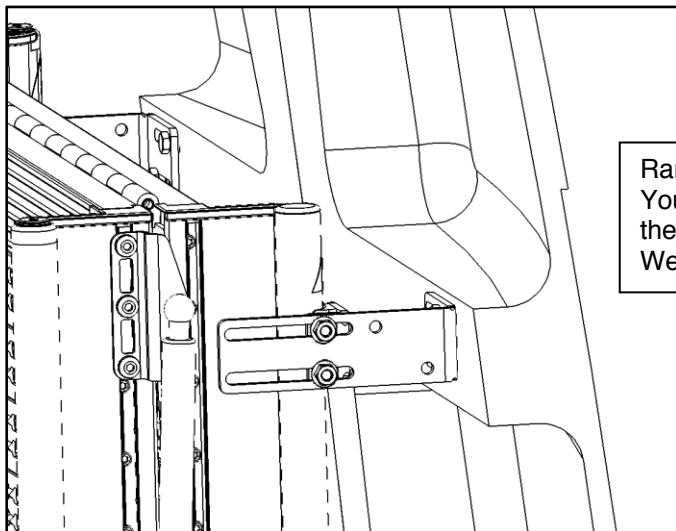
Place the ramp in the vehicle and slide over the mushrooms / mounting plate with the slot holes.
Lock with the toggle device and adjust the toggle if needed to get a tight fit to prevent the ramp from rattling.



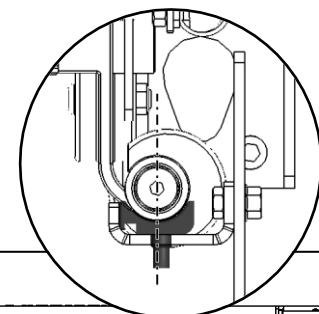
Finally remove the wooden transportation distance piece.



Check if the Feet assembly is standing straight under 90° with the floor. If not tighten or loose the M10 fixations bolts

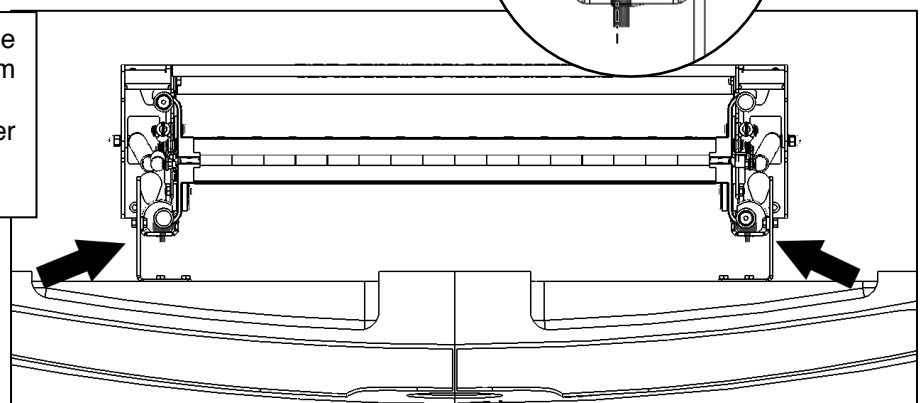


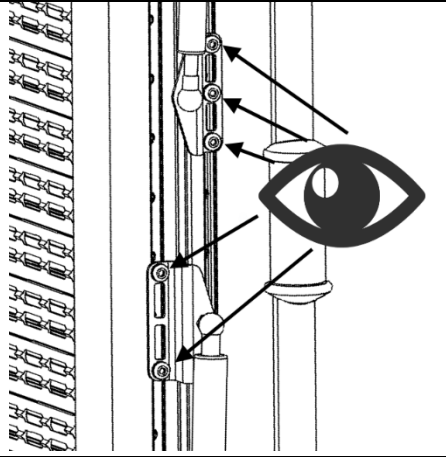
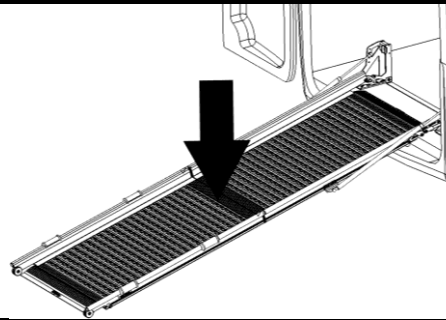
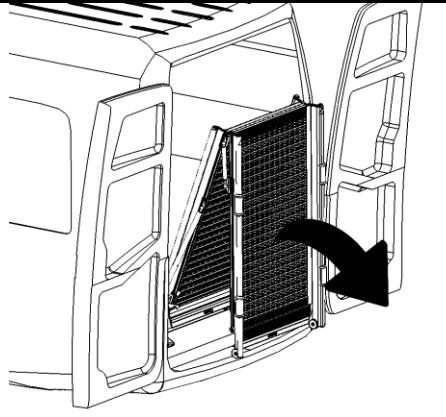
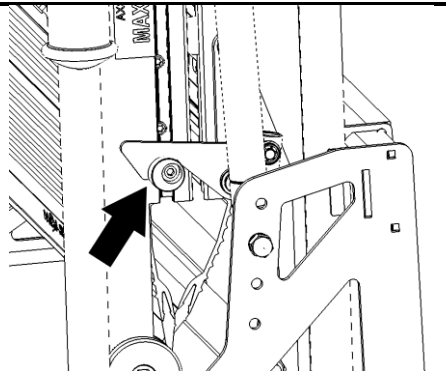
Ramp stop / Ramp Anti rattling device. You will also need to install the ramp stop at the door to prevent the ramp for rattling or hitting against the rear door/window. We recommend positioning this as high as possible at the door



The bracket needs to be fitted with the two rivet nuts M8. (Drill Ø11 mm holes).
Position the bracket so that the rubber aligns with the rail of the ramp.
Place brackets left and right

Adjust the brackets so the ramp is held tight when the door is closed.



<p>Before using the ramp: The ramp should always be tested after installation. Follow the following instructions</p>	<p>checked</p>
<p>MOUNTING – Check that all bolts on the ramp are in place and tightened. Check that the MAX load stickers are on the ramp</p>	
<p>MOUNTING – Unfold the ramp and load it with the max load as indicated at the ramp or approx 4-5 people. Check that the fixing & fitting of the ramp is strong enough for this weight.</p>	
<p>OPERATION – Move the ramp in and out to check that all moving parts are running freely.</p>	
<p>Check that the ramp closes properly into the auto lock The black nylon roll is eccentric and can be adjusted if the ramp lock is too loose. See 8.2 A loose lock will give a rattling noise.</p>	
<p>If this small test procedure is followed with success the ramp is ready to be used. If one of the steps is failed please resolve the problem before putting the ramp in to service use.</p>	