

## TAILBOARD RAMP

### BGR and LOADING RAMPS

### Installation and Operating Instructions

- Check that no damage has occurred on the ramp during transport. The ramp should be easy to fold and unfold.
- Read the operating instructions and warnings carefully before using the ramp. Save the operating instructions for future needs.
- On the ramp there is a label indicating the maximum load capacity the ramp can be sustained.
- **Max load is indicated by this character:**  **Please observe that the weight rating is depending on specific model!**

#### MAINTENANCE:

Maintenance requirements are, grease NLGI2 (Art no:1140) pivot hinges every 6 months, (if ramp is in high use every 3 months) or after each time the ramp has been cleaned or washed. Check and adjust the locking mechanism every 6 months. Pivot bolts should be removed as part of yearly maintenance schedule and inspected for wear. Replaced if deemed necessary. Regular inspection of any moving parts for wear and tear or damage is recommended.

#### INSTALLATION

The tailboard ramp should always be installed by a professional. The mounting takes place either in floor rails or with floor brackets. When installing the floor rail, the floor rail must be placed at least 200 mm from the inside door to the center floor rail. When mounting with floor brackets, follow the following procedure:

1. Open the door where the ramp shall be installed, set the ramp in the vehicle with the support feet facing the inward.
2. Close the door(s) carefully, making sure the ramp is clear.
3. Move the ramp towards the door so that the bottom plate or the solid 30x30mm solid square bar edge is approximately 5 mm from the inside of the door. Place the ramp simultaneously in any sideways position. (On some vehicles the door is so arched that the top of the ramp comes into contact with the inside of the door before the bottom plate is in the correct position). If this is the case use the adjusting screws to angle the top of the ramp inwards to simulate the slope of the door(s).
4. Place the floor brackets against the edge of the bottom plate, with the hook in front of the ramp mounting bracket. There is no floor brackets to the professional ramps.
5. Mark the holes on the floor (brackets/30x30 solid square bar) with a pen or marking tool.
6. Lift off ramp and (floor brackets).
7. Before drilling through the floor, make sure that the space under the floor is free so that you do not drill into fuel tanks, cables, wires or other parts. Also the floor bracket must be fixed at 90 degrees to the ramp side both horizontally & vertically to prevent excess strain on the pivot bolt.
8. Drill holes through the floor. Use drill with dimension 8.5 mm.
9. Mount the professional ramp/floor brackets with the correct fixings (bolt, washers & nut to the underside).
10. The bolts must be M8 dimension and of quality DIN 931 (ISO 4014) or higher. The length is determined by the thickness of the floor of the vehicle. Measure the thickness of the floor and then select a bolt that is at least 25 mm longer. The washer should be 8 x 40 mm. Thickness at least 2 mm. nuts should be M8 nylon nut. It's advised that galvanized or stainless should be used. Nuts, fixings are not included in the sale of the ramp.
11. (Standard ramps): When the floor brackets are mounted, lift the ramp back into place. Lock the ramp with the eccentric locks to the floor brackets.
12. The some ramps are equipped with 2 seat belts, one is pre-assembled from the factory. The loose end of the seat belt shall be fitted by the installer. Exactly where to assemble is determined by the installer with regard to the vehicle model. Generally, the end should be mounted on a structurally strong part of the body, for example. A beam or an existing seat belt fixing, & as high & as far back as possible. The attachment point in the body must be behind the seat belt's attachment point on the ramp.

#### OPERATING 2-part ramp:

1. Before the ramp can be folded out, the two seat belts must be detached.
2. Then open the lock by pressing the red lever.
3. Grasp both hands around the handle and unfold the ramp in a steady & controlled motion.
4. Be careful when using the ramp, in the case of negligent driving, ramp edges do not prevent a wheelchair from leaving the ramp.
5. To fold the ramp, use the same method as when unfold. Lift the ramp and be sure it is secured back in the lock, tighten the seat belts. It's very important that the ramp is locked with the belts during transport. **Risk of serious injury or death could result if not fixed with the belts during transport!**

#### OPERATING 3-part ramp:

The same as for 2-part ramp, with the following differences:

1. The ramp has 2 handles on each side for fold/unfold. Grasp both handles on one of the sides and unfold the ramp. Greater force is required on the lower handle.
2. When the top two parts of the ramp are unfolded, the two parts should now be standing on 2 support legs on the ground. Now unfold the third part.
3. When folding, start with the bottom part and fold it in the middle. Then fold the ramp by grasping both handles and lifting with a greater force on the top.
4. **Risk of serious injury or death if not fixed with the belts during transport!**