



## **IRV Tailboard Ramps**

## BEFORE USING THE RAMP

- Check the ramp for any possible damages before each use
- The ramp should be easy to deploy and fold
- Read the operating instructions carefully before using the ramp
- The ramp's maximum load capacity is indicated on its label

## **OPERATING THE 2-WAY RAMPS**

Unfolding Ramp:

- 1. Release the two securing seatbelts to allow the ramp to be deployed
- 2. Press the red lever to open the release catch (Fig. 1)
- 3. Grip the handle with both hands and unfold the ramp in a steady & controlled motion



When pushing a wheelchair or trolley/bed on the ramp, out of a

vehicle, care must be taken not to wheel it too close to the ramp's

edges as they will not prevent the wheelchair or trolley/bed from coming off the ramp.

Folding Ramp:

- 1. Grip the handle with both hand and fold ramp in a steady & controlled motion
- 2. Lift the ramp and push it into upright position until you hear the release catch locking into place and securing the ramp
- 3. Fasten the securing seatbelts and tighten

## **OPERATING THE 3-WAY RAMPS**

Unfolding Ramp:

- 1. Release the two securing seatbelts to allow the ramp to be deployed
- 2. Press the red lever to open the release catch (Fig. 1)
- 3. Model dependent, there could be 1 or 2 handle(s) on each side of the ramp to deploy and fold it. Grip the handle(s) on one of the sides of the ramp and deploy the ramp in a steady and controlled motion
- 4. Once the two top parts of the ramp have been deployed, let them rest on the ground on their support legs. Proceed with unlocking the third part and then unfold it

Folding Ramp:

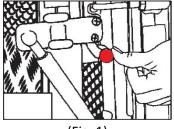
- 1. When folding the ramp, start with the bottom part, fold it into the middle part and lock the third part
- 2. Model dependent, there could be 1 or 2 handle(s) on each side of the ramp to deploy and fold it. Grip the handle(s) on one side of the ramp and fold the two parts until you hear the release catch locking into place and securing the ramp
- 3. Fasten the securing seatbelts and tighten

## SAFETY

Please be mindful to operate the equipment in a controlled and correct manner, and to take all safety precautions for both the user and the operator when in use. Any abuse of the equipment or constant neglect may result in damage and void the manufacturer's warranty.



It is very important that the ramp is secured with the seatbelt during transportation to avoid risk of serious injury.



(Fig. 1)

# **IRV RAMPS**

## Installation 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 prior to using the ramp. Save the operating instructions for future use.
- On the ramp there is a label indicating the maximum load capacity that the ramp can sustain.

## Max load is indicated by this figure:

Please observe that the weight rating is dependent on specific model!



## MAINTENANCE:

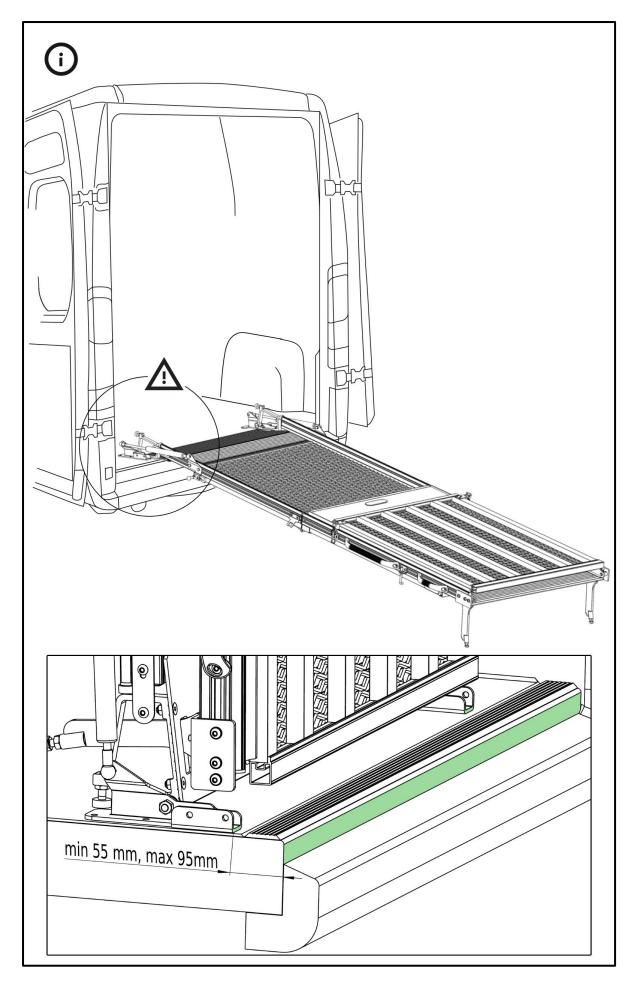
Maintenance requirements are the following: Check and adjust the locking mechanism every 6 months. Regular inspection of any moving parts for wear and tear or damage is recommended.

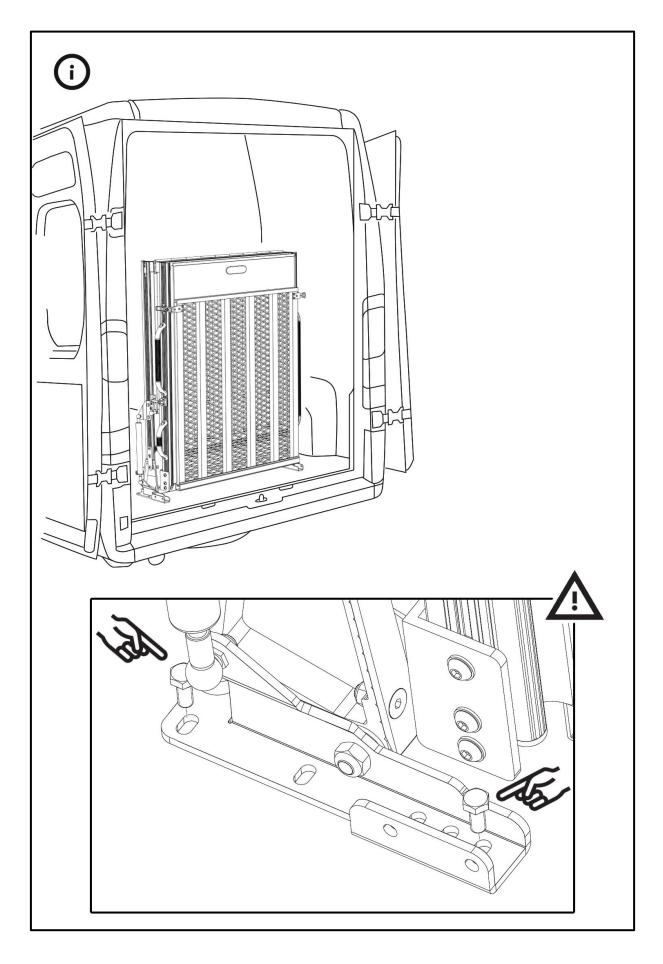
## INSTALLATION

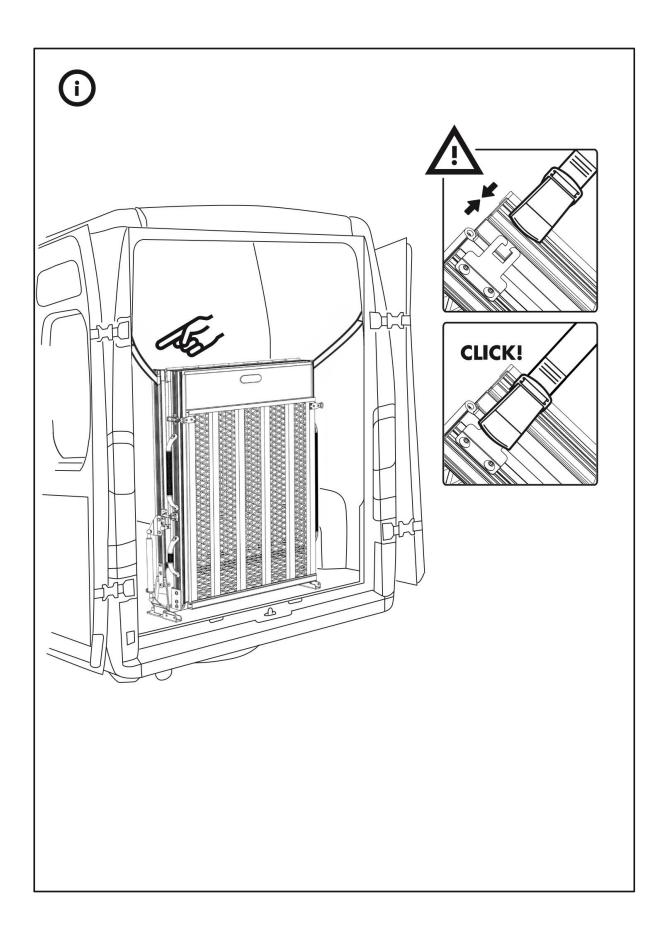
The tailboard ramp should always be installed by a professional!

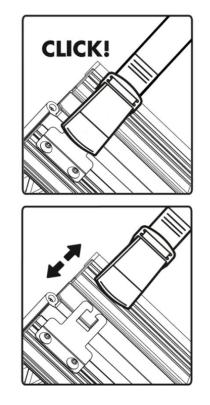
- 1. Open the doors of the vehicle where the ramp shall be installed.
- 2. Close the door(s) carefully, making sure the ramp is clear and not in contact with the door(s) at any point.
- 3. Move the ramp towards the door so that the edge of the feet of the ramp is between 55 and 95 mm from the vehicle threshold (see the figure on page 3). Center the ramp within the door opening of the vehicle.
- 4. Mark the mounting holes (see the figure on page 4) on the floor of the vehicle using a pen or marking tool.
- 5. Lift the ramp from the floor of the vehicle.
- 6. 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 of the vehicle.
- 7. Drill the mounting holes through the floor of the vehicle. Use a drill with dimension 8.5 mm.
- 8. Mount the ramp with the correct fixings (bolt, washers and nut to the underside).
- 9. The bolts must be of dimension M8 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 select a bolt that is at least 25 mm longer. The washer should be 8x40 mm, thickness of at least 2 mm. Nuts should be M8 nylon nut. It's advised that galvanized or stainless fasteners should be used. Fasteners are not included in the sale of the ramp.

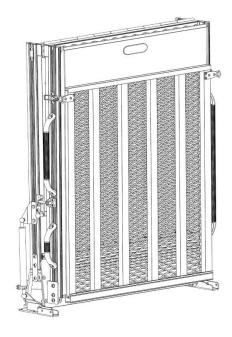
The ramps are equipped with 2 seat belts. The loose end of the seat belt shall be fitted by the installer. Exactly where to assemble is determined by the installer with regard to the vehicle model. Generally, the end should be mounted on a structurally strong part of the vehicle body such as a beam or an existing seat belt fixing and as high and as far back as possible. The attachment point in the body must be behind the seat belt's attachment point on the ramp.



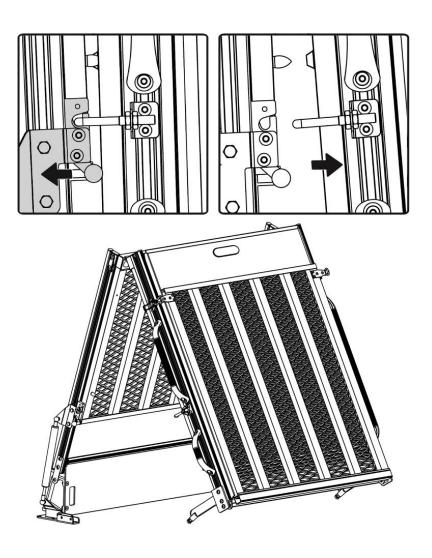


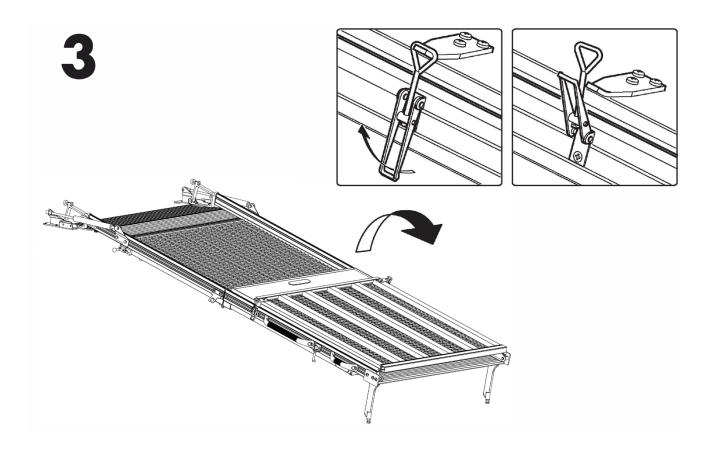


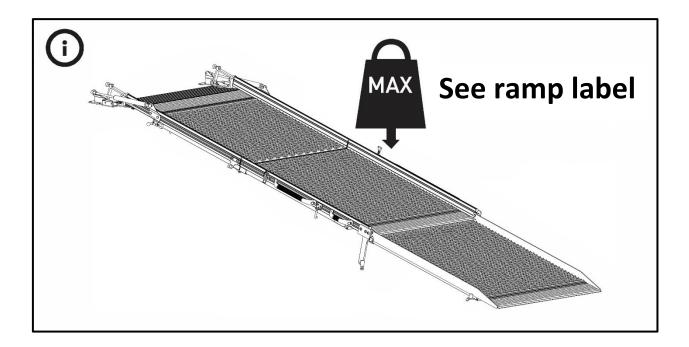


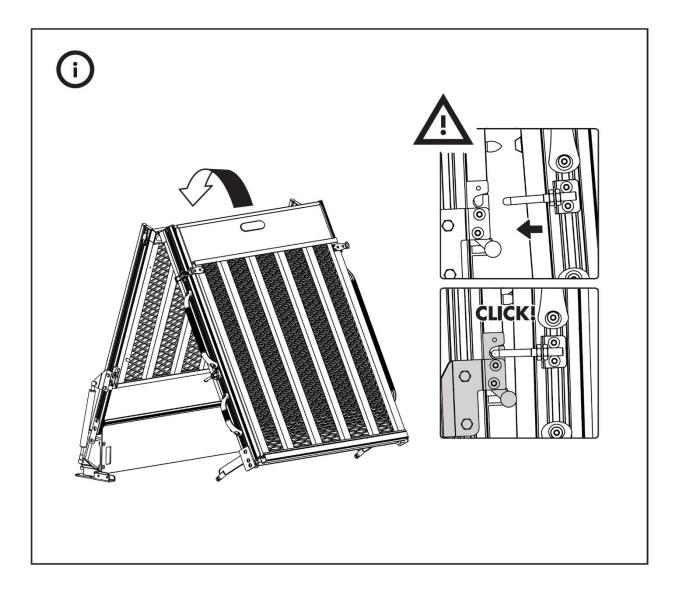


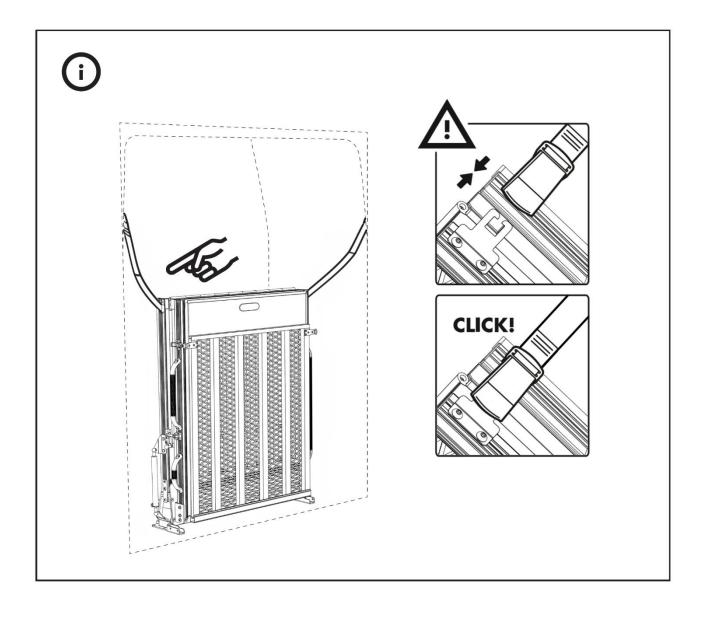














#### Limited Warranty

#### Horndal 2019-04-01

FEAL, issues a limited warranty to the original purchaser of the product. The warranty period is 36 months. The limited warranty is not transferable. The warranty applies to manufacturing faults and material defects. The warranty is void if the ramp has been modified, handled carelessly or repaired by anyone other than FEAL or its authorised representatives. FEAL makes no warranty other than this limited warranty and is not liable for any other costs other than those mentioned above, i.e. no consequential damages. Moreover, FEAL is not obligated to any other warranty other than this warranty.

## Circumstances That Will Void the Limited Warranty

If the product has been, purposely damaged or in any way modified or altered; products that have been repaired by anyone other than FEAL or its authorized representatives; products that have been subject to the use of supplies and accessories other than those approved in writing or supplied by FEAL; improper use or non-compliance with installation, commissioning, operation or maintenance instructions (i.e. not according to the operation & installation manual unauthorized modifications, changes or attempted repairs; vandalism, destruction through external influence and/or persons/animals; failure to observe applicable safety standards and regulations; faults caused by fire, or liquids except as specified for normal use. products where the serial number is defaced (only products with serial number), altered or removed; any utilization of a product that is inconsistent with either the design of the product or the way FEAL intended the product to be used; any installation and/or modifications that prevents normal service of the product; normal wear and tear and cosmetic damage such as, but not limited to, corrosion, scratches, dents, rust, stains, non-functional parts such as but not limited to plastics and finishes; damage, fault, failure, imperfection, caused by abuse, tampering, illegal use, negligence, prolonged use or operation; or faults in any other way caused by the customer/retailer/user.

#### **Additional Information**

FEAL makes no other warranty than as set out herein and FEAL shall in no event be liable for any indirect or consequential damages. The faulty product shall be returned with the receipt/ invoice to the retailer/place of purchase together with a fault description. Goods returned to FEAL will be at FEAL's discretion and only valid with an approved Return Material Authorisation (RMA) Reference Number issued by FEAL to the purchaser. Products sent directly to FEAL without RMA will be returned to the sender at sender's cost. The warranty period for a product is stated in the applicable product user manual delivered with the product. The warranty is only valid if the warranty period has not expired. If the warranty claim of a faulty product is not approved by FEAL, the product will be returned only if the sender explicitly so requests. The customer/retailer/place of purchase will pay the freight. Faulty products will be repaired or replaced with an exchangeable product and returned at the cost of FEAL. If the warranty period has expired the product will be returned without further investigation at the cost of the customer/retailer/place of purchase. Faulty products will be scrapped by FEAL if deemed not repairable. FEAL reserves the right to vary, modify or change the terms and conditions herein due to change(s) in availability of services, products and/or spare parts or for the purpose of complying with applicable policies, rules, regulations and law, without notice.

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