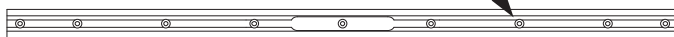


Fitting Fixing Kit Rail to Vehicle

Ramps with Fixing Kits include a piece of Aluminium Rail (see below) that needs to be fitted to the floor of the vehicle where the ramps are to be used.

Aluminium Rail for Fixing Kit

M6 fixing holes



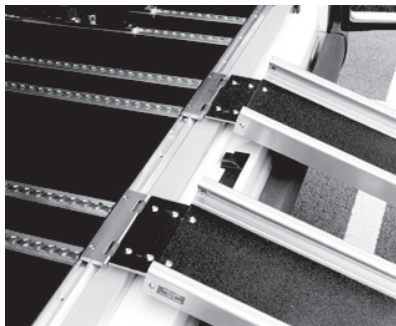
Each Fixing Kit also includes:

- 9 off M6 x 50 flat head pozi drive high tensile screws
- 9 off washers
- 9 off M6 nyloc nuts

Diameter 6mm clearance holes should be drilled through the vehicle floor to align with the holes in the rail. ALL holes should be utilised where possible.

At each position, the M6 screws should be fitted through the rail AND the vehicle floor and secured tightly with the nyloc nut over the washer under the vehicle floor.

After drilling the holes through the vehicle floor prior to fitting the rail, the floor should be waterproofed / sealed to the original vehicle manufacturer's specification to prevent corrosion and ingress of water.



Rail fitted to a vehicle being used with a pair of ramps with Fixing Kit

Important Information

- The **Locking Device** is designed to prevent accidental opening of the ramps while being carried. Always ensure this is fitted correctly **BEFORE** lifting the ramps.
- Carry ramps closed, holding along the raised edges of the ramp sections in the **MIDDLE**.
- Ensure the ramps are suitably stored when not in use to prevent damage.

- When closing ramps, push sections from the ends, **DO NOT** try and insert fingers between any of the sections at any time while operating them.



We recommend the use of Fixing Kits with electric powered wheelchairs due to the high tractive forces that may be produced.



- When closing ramps **DO NOT** stand them up vertically or on a steep angle as they will retract very quickly under their own weight. Ensure the ramps are almost flat or at a very shallow angle so that the sections need to be pushed together.



Do not exceed the Safe Working Load (S.W.L.). This is the combined weight of the wheelchair and occupant (and assistant if standing on the ramps).



Do not use ramps to overcome "step" heights greater than those stated. If in doubt as to the stability of the wheelchair, consult wheelchair manufacturer on suitable maximum ramp



Due to the relative high loading height in vehicles, we recommend the use of ramps with Fixing Kits when access is for an occupied wheelchair.

- When closed, the two inner sections do not fully retract into the outer section at the end opposite to the **Angled Plate / Fixing Plate**. This is deliberate so that they can be held more easily when extending them. **DO NOT** try and force the sections fully inside the outer section.
- When not in use, **DO NOT** leave the ramps outside where they can be exposed to the elements, as this may hinder their performance due to corrosion and/or a build up of debris between moving parts.
- Dropping ramps or subjecting them to impacts may cause damage, particularly to things such as **Angled Plates** and **Stops**. If they have been dropped or subjected to impacts, inspect them for any signs of damage. If they are damaged, return them to your supplier for assessment / repair.
- Inspect the ramps at least every 6 months for any signs of deterioration / damage that may affect their performance. If any signs are found, return them to your supplier for assessment / repair.

"TITAN" Telescopic Ramps



This User Instruction Guide should be read thoroughly before using the Ramps and retained for reference.

 Motability


KOLLER





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Introduction

This User Instruction Guide provides detailed operating instructions for: “TITAN” Telescopic Ramps

Part Nos.	Description
KFP0041/5	5 Foot Free-Standing
KFP0041/5/FIX	5 Foot with Fixing Kit
KFP0041/7	7 Foot Free-Standing
KFP0041/7/FIX	7 Foot with Fixing Kit
KFP0041/8	8 Foot Free-Standing
KFP0041/8/FIX	8 Foot with Fixing Kit

Throughout this guide warnings will be indicated by the symbol:



A label on the ramps shows the maximum permissible load & “step” height. For example, a 5ft ramp has a Safe Working Load (S.W.L.) of 300kg per pair and can be used up to a “step” height of 380mm.

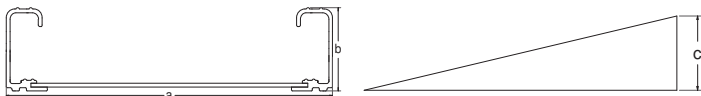
Product Use

“TITAN” Telescopic Ramps are for use with wheelchairs to enable vehicle access or overcome steps. They are also suitable for other wheeled devices e.g. scooters, bicycles, trolleys etc.

Technical Information

Part Number	S.W.L. (pair) kg	Open Length mm	Closed Length mm	Width (a) mm	Height (b) mm	Weight (single) kg	Max Step (c) mm
KFP0041/5	300	1545	720	235	57	6.75	380
KFP0041/5/FIX	300	1600	735	235	57	7.75	380
KFP0041/7	300	2200	950	235	57	7.50	535
KFP0041/7/FIX	300	2255	965	235	57	8.50	535
KFP0041/8	300	2505	1165	235	57	11.00	610
KFP0041/8/FIX	300	2560	1180	235	57	12.00	610

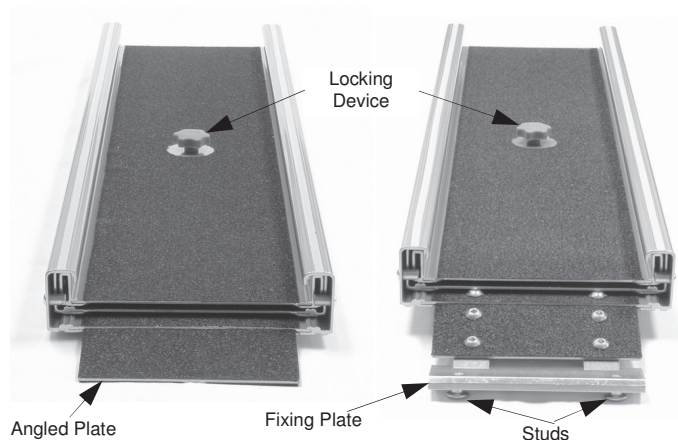
All weights & dimensions (except S.W.L. & Max Step) are approximate & for guidance



Parts Identification

Free-Standing Ramps

Ramps with Fixing Kit



Operating Instructions (Free-Standing Ramps)

- Stand one ramp vertically on the ground, with the **Angled Plate** at the top.
- Remove the **Locking Device** completely (turn anti-clockwise).
- Extend the ramp FULLY and rest the **Angled Plate** on the vehicle floor / step, ensuring the whole of the **Angled Plate** is over the surface (fig a).



fig a

- Repeat above for the 2nd Ramp and adjust the distance between ramps to match the distance between wheelchair wheels, ensuring the ramps remain parallel to each other along their entire lengths.
- Line wheelchair wheels to centres of each ramp and push wheelchair up ramps, ensuring the ramps do not move.
- To remove ramps, ensure the end opposite to the end with the **Angled Plate** remains on the ground while allowing the sections to slide together. This is best done at a shallow angle to prevent the sections sliding too quickly.

- Re-fit the **Locking Device** and turn clockwise until a reasonable amount of resistance is felt. The ramps can now be carried.

Operating Instructions (Ramps with Fixing Kit)

- Insert **Studs** on the **Fixing Plate** into the centre of the rail and slide the ramp outwards in the rail (fig b).

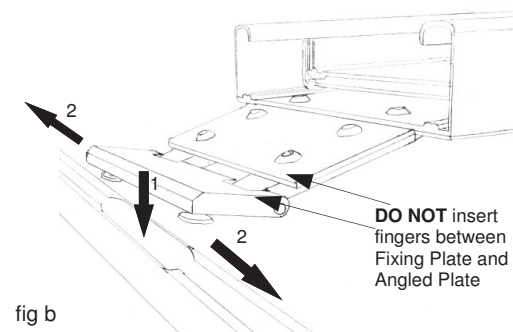


fig b

- With the ramp angled down to the ground, remove the **Locking Device** completely (turn anti-clockwise).
- Lift free end of the ramp from the ground and fully extend.
- Repeat above for the 2nd ramp but slide it in the opposite direction.
- Adjust the distance between the ramps to match the distance between the wheelchair wheels, ensuring the ramps remain parallel along their entire lengths.
- Line wheelchair wheels to centres of each ramp and push wheelchair up ramps, ensuring the ramps do not move.
- To remove ramps, slide the sections back so they are “closed” while still located in the rail. Holding the ramps horizontally, re-fit the **Locking Device** and turn clockwise until a reasonable amount of resistance is felt.
- Slide the ramps back to the centre of the rail and lift clear. The ramps can now be carried.



Always ensure a wheelchair is under full control when going down ramps and is not allowed to “run away”.