

Master Owner's Manual

Steps



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Master Owner's Manual

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MANUAL STEPS

STEPS

Introduction

This document details the operation and maintenance of manual steps.

Safety

WARNING

The “WARNING” symbol above is a sign that an installation procedure has a safety risk involved and may cause death or serious injury if not performed safely and within the parameters set forth in this manual. The trailer **MUST** be supported per manufacturer's recommendations before working underneath. Failure to do so may result in death, serious personal injury or severe product or property damage.

CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

Step Operation

Unfolding Steps

1. Pull out on the top lip of the step vertically stored (Fig. 1A).
2. Pull up and out on the back of step resting on the second step (Fig 2A).
3. Unfold bottom step (Fig. 3).

Folding Steps

1. Pull up on bottom step and fold over the second step (Fig. 2A).
1. Pull up on bottom of steps and fold inward under top step (Fig. 1A).

Fig. 1

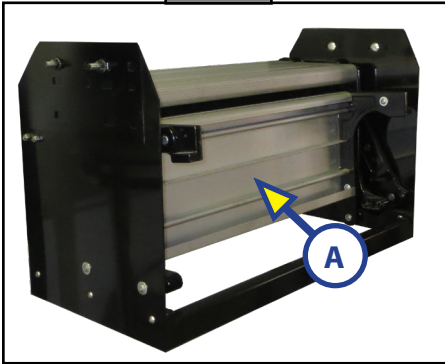


Fig. 2



Fig. 3



Maintenance

Scratches

1. Clear any chipped paint or material adhering to scratched area.
2. Apply automotive grade primer to scratch.
3. Paint primed area with automotive high gloss paint.

Lubrication

1. Remove all dirt and foreign matter from hinge areas.
2. Lubricate hinge areas in between the sheet metal portions of the steps.

NOTE: Utilize a dry silicone lubricant. Wet lubricants will attract dirt and possibly cause damage to the hinge areas.

Anti-Skid Tape

1. Inspect steps for loose, missing or damaged anti-skid tape.
2. Replace anti-skid tape as necessary.

Introduction

The SolidStep® 2.0 is a trailer entry step assembly mounted to the side of any trailer, providing an ease of entry, regardless of level ground.

Safety Information

WARNING

Failure to follow the instructions provided in this manual may result in death, serious personal injury, product or property damage, or voiding of the component warranty.

CAUTION

Always wear eye protection when performing service or maintenance to the trailer. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the service.

CAUTION

No repairs should be attempted by anyone other than a qualified professional. The deployment and retraction of the Step assembly can cause injury if proper precautions are not taken. The Step assembly was designed for an operational weight rating of 400 lbs.

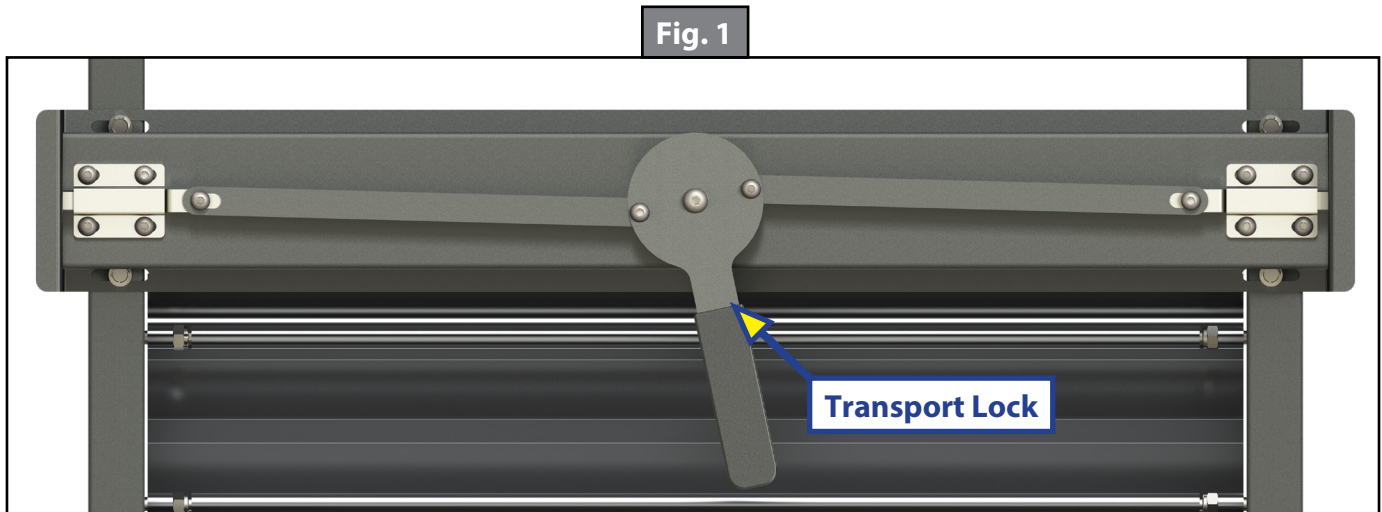
CAUTION

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Operation

Release Steps

1. Disengage transport lock (Fig. 1).
2. Firmly grasp and pull out the vertically stored SolidStep and firmly rest it on the ground.
3. Adjust leg extensions as needed, see Leg Extension Adjustment section.



Storage of Steps

1. Retract leg extensions, if desired.
2. Lift up SolidStep to its stored position and make sure the transport lock has been engaged.

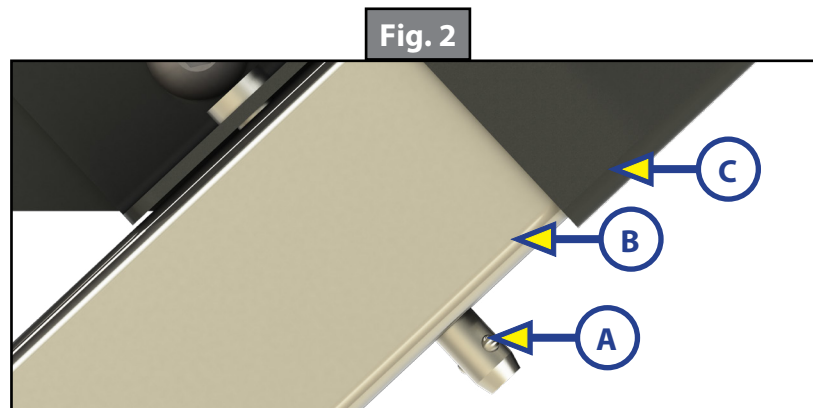
Adjust Leg Extension

The leg extension is secured with a quick release clevis pin. Adjustments can be made to the leg extensions in 1" increments by moving the inner leg up or down for the optimal angle and to adjust for the ground surface angle.

⚠ CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

1. To extend the inner leg (Fig. 2B):
 - A. Remove the quick release clevis pin (Fig. 2A) from the tube and the slot in the angle.
 - B. Extend the inner leg to the ground and at an angle so the steps are parallel to the ground and are level.
 - C. Replace the quick release clevis pin in the tube and slot and into the closest inner leg hole that intersects with the outer leg's slot to where the inner leg and the outer leg (Fig. 2C) meet.

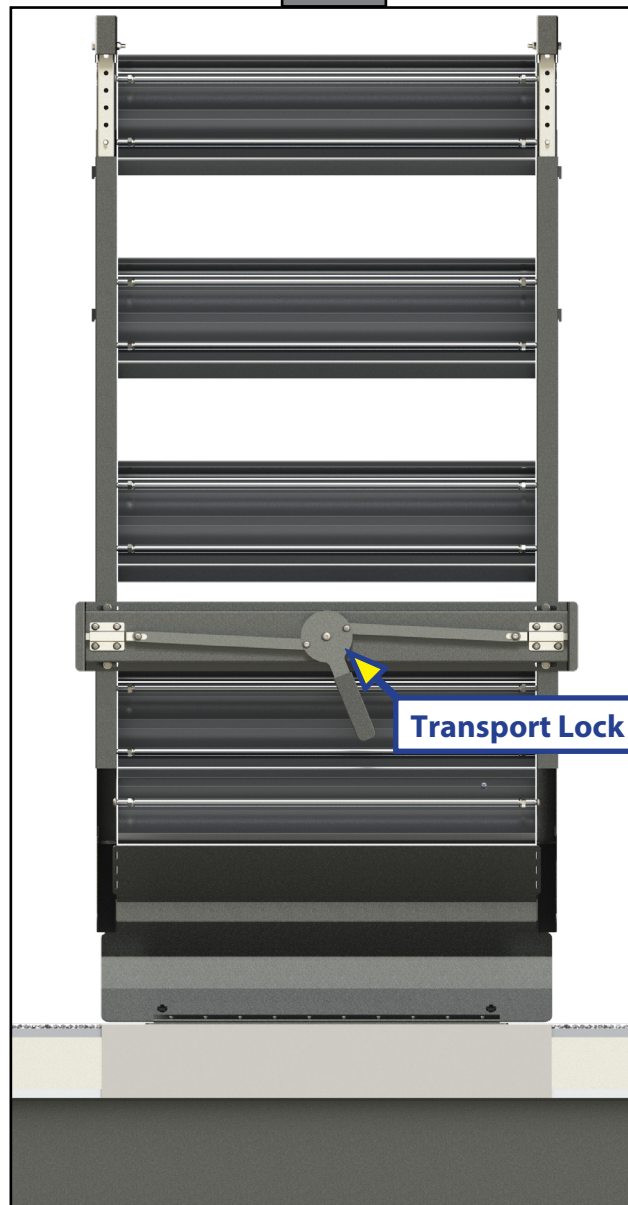


⚠ CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

2. To retract the inner leg:
 - D. Remove the quick release clevis pin from the outer and inner legs.
 - E. Retract the inner leg.
 - F. Reinstall the quick release clevis pin into the outer leg slot and into the closest inner leg hole that intersects with the outer leg's slot.
 - G. The step assembly is shown in the upright stored position, as viewed from underneath the step assembly in figure 3.

Fig. 3



System Information

The SolidStep® 3.0 is a trailer entry step assembly mounted to the side of any trailer, providing an ease of entry, regardless of level ground.

NOTE: Step identification tags are located under one of the step extrusions, typically the top full step.

Safety information

WARNING

Failure to follow the instructions provided in this manual may result in death, serious personal injury, product or property damage or voiding of the component warranty.

CAUTION

Always wear eye protection when performing service or maintenance to the trailer. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the service.

CAUTION

No repairs should be attempted by anyone other than a qualified professional. The deployment and retraction of the step assembly can cause injury if proper precautions are not taken. The step assembly was designed for an operational weight rating of 400 lbs.

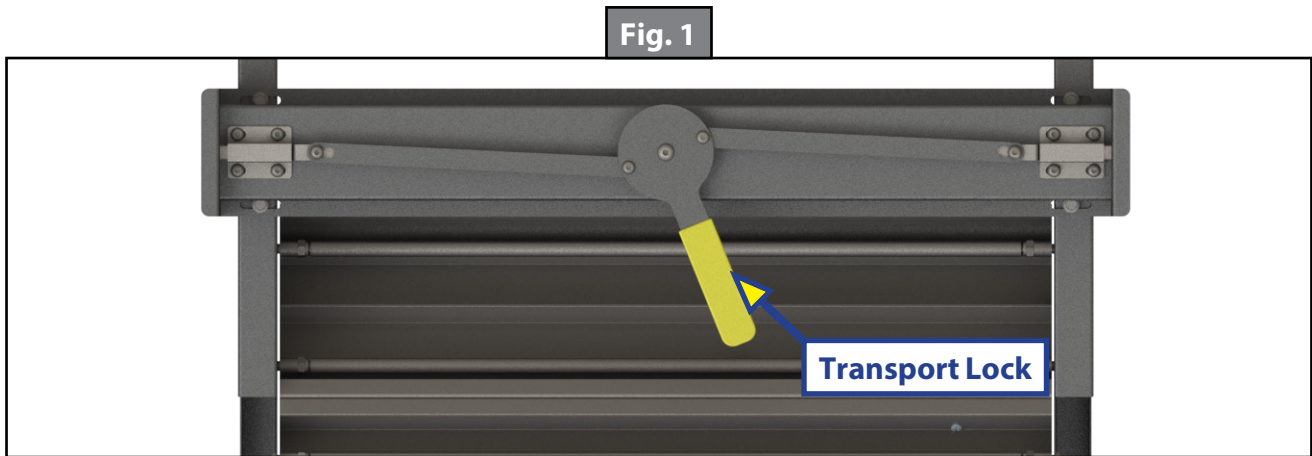
CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

Operation

Release Steps

1. Disengage transport lock (Fig. 1).
2. Firmly grasp and pull out the vertically stored SolidStep and firmly rest it on the ground.
3. Adjust leg extensions as needed, see Leg Extension Adjustment section.



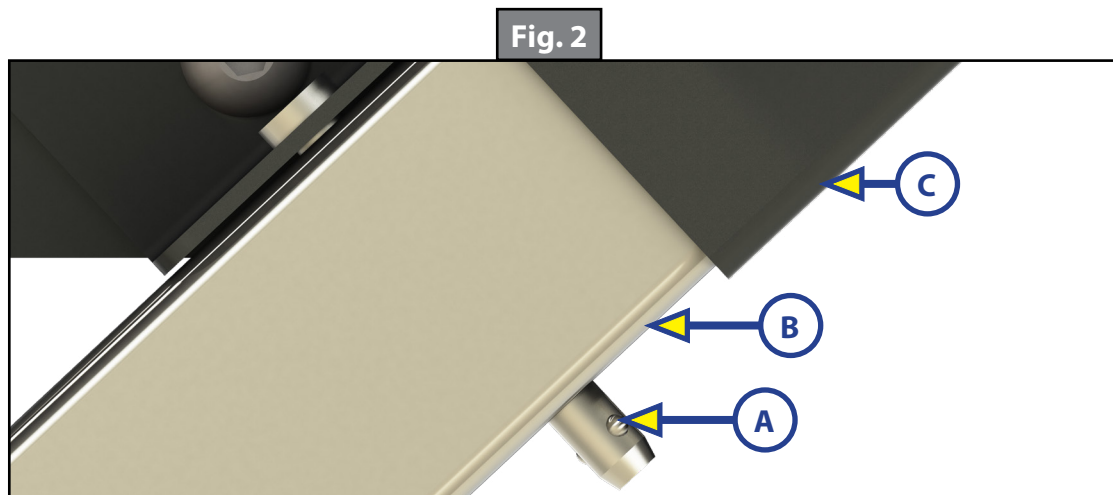
Storage of Steps

1. Retract leg extensions, if desired.
2. Lift up SolidStep to its stored position and make sure the transport lock has been engaged.

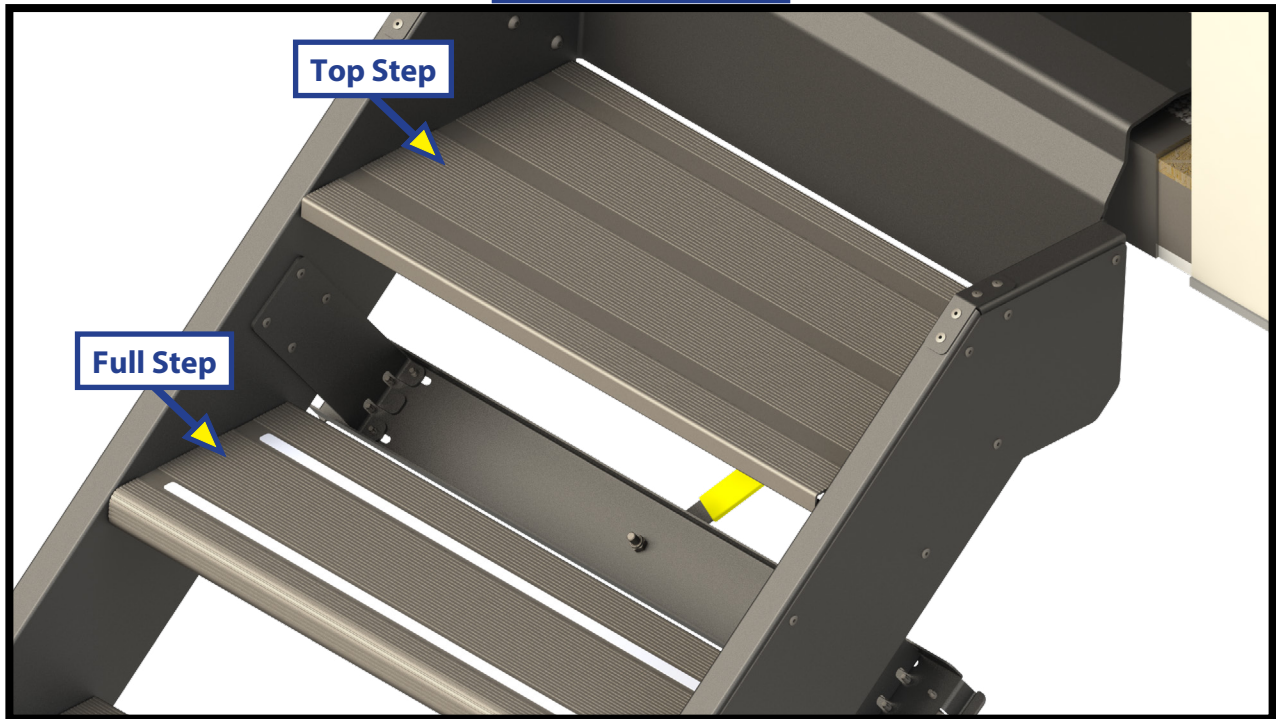
Adjust Leg Extension

The leg extension is secured with a quick release clevis pin. Adjustments can be made to the leg extensions in 1" increments by extending or retracting the inner leg for the optimal angle and to adjust for the ground surface angle.

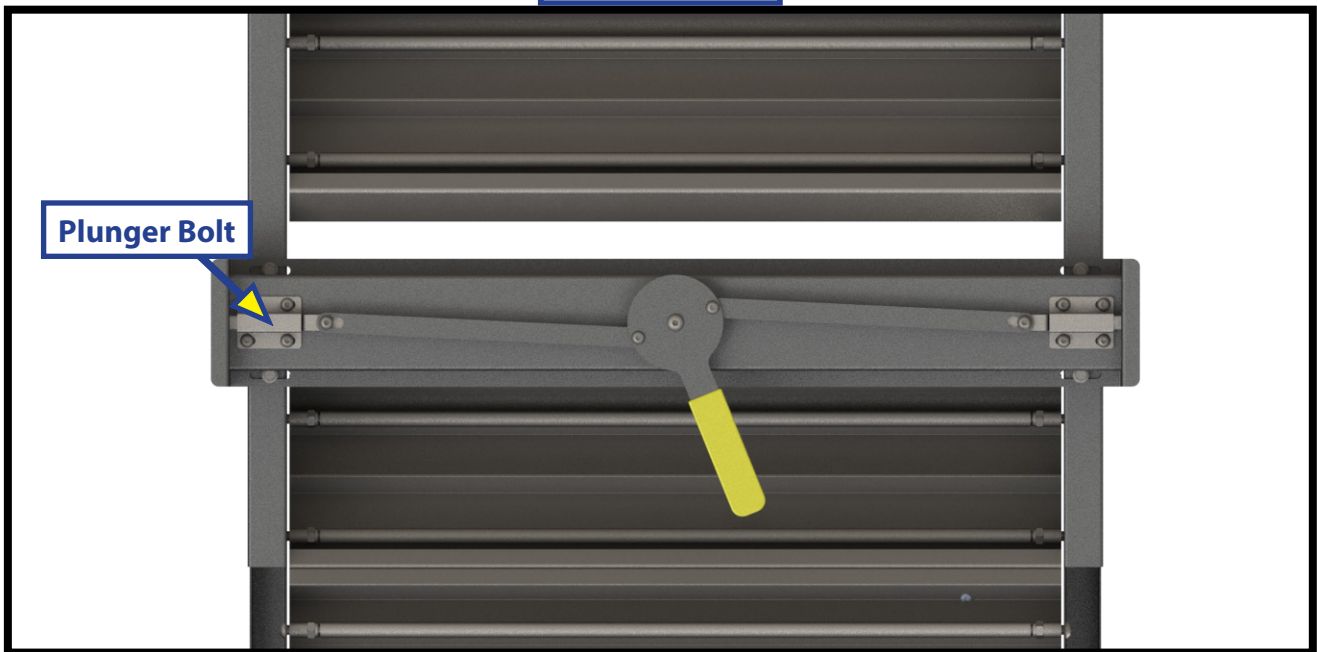
1. To extend the inner leg (Fig. 2B):
 - A. Remove the quick release clevis pin (Fig. 2A) from the tube and the slot in the angle.
 - B. Extend the inner leg to the ground and at an angle so the steps are parallel to the ground and level.
 - C. Reinsert the quick release clevis pin into the tube and slot closest to where the inner leg and tube (Fig. 2C) meet.
2. To retract the inner leg:
 - A. Remove the quick release clevis pin from the tube and slot.
 - B. Retract the inner leg.
 - C. Reinsert the quick release clevis pin into the tube and slot.



Step Identification



Lock Assembly



Introduction

The Victory Step™ is an entry step assembly that can be mounted to the side of any patio opening to provide ease of entry. The suggested deck height range should be between 23"-35" for a triple step and 30"-45" for a quad step. The step assembly was designed for an operational weight rating of 300 pounds.

These instructions are for the following products:

- 719691 - Triple Victory Step
- 726891 - Triple Victory Step with Handrail Kit
- 726894 - Quad Victory Step
- 726895 - Quad Victory Step with Handrail Kit
- 726866 - Handrail Kit
- 726890 - Garage Storage Kit

Safety

WARNING

The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death or serious personal injury if not performed safely and within the parameters set forth in this manual. Failure to follow the instructions provided in this manual may result in death, serious injury, trailer damage or voiding of the product warranty.

WARNING

Do not exceed specified weight limits. Exceeding weight limits may cause product damage and/or personal injury.

CAUTION

The "CAUTION" symbol above is a sign that a procedure has a safety risk involved that may cause personal injury and/or product damage, including voiding of warranty, if not performed safely and in accordance with the safety procedures stated herein.

CAUTION

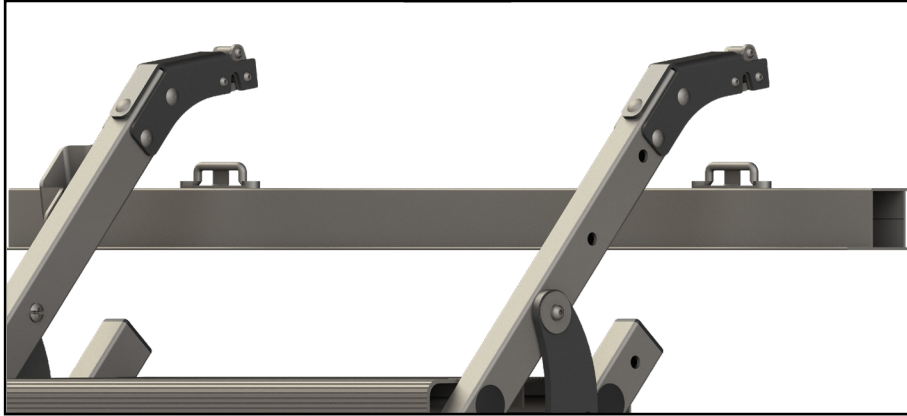
Moving parts can pinch, crush or cut. Keep clear and use caution.

Step Operation

Step Deployment

1. Align the step latches at the top of the Victory Step with the installed footman loops (Fig. 1), then lower until both step latches click into place around the footman loops.
2. Lower the Victory Step to the ground.

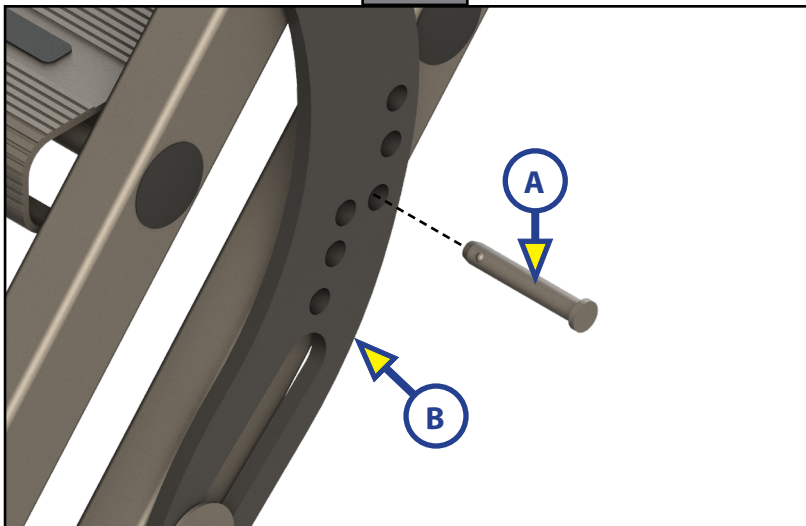
Fig. 1



1. Remove and retain the $\frac{5}{16}$ " quick release lockpin (Fig. 2A) that extends through the bottom hole in the adjustment plate (Fig. 2B) and both rails of the Victory Step. Repeat for the other side.

NOTE: After the quick release lockpins are both removed, the lower support tubes will drop down, causing the angle of the step treads to change.

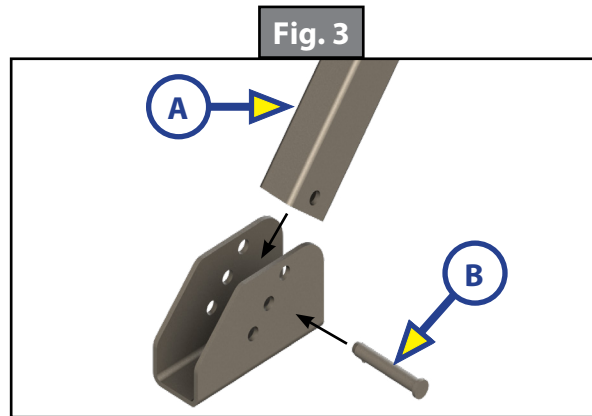
Fig. 2



2. Grasp the back of any of the step treads and lift until the treads are all level with the ground. Continue holding the steps level and replace one of the quick release lockpins into the nearest adjustment hole. This will lock the step treads at the specified angle. Install the remaining quick release lockpin in the identical hole in the other adjustment plate.

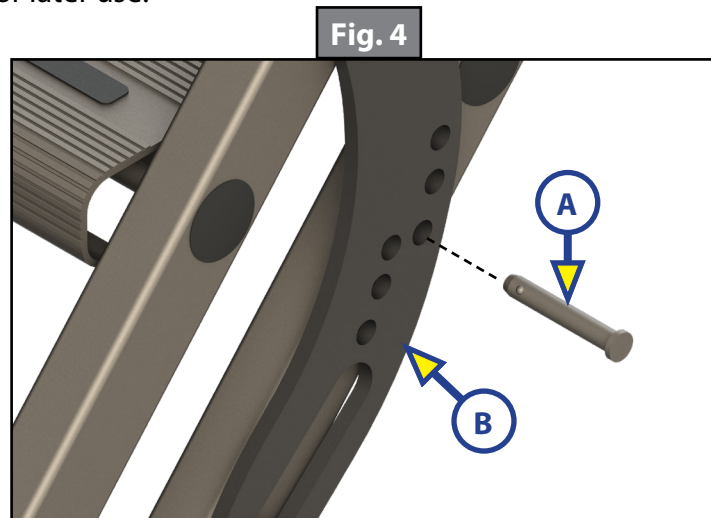
Height Adjustment

1. To adjust the foot height, lift the step and remove the fastening pin that secures the foot to the step tube.
2. Align the tube (Fig. 3A) to the desired holes then reinsert the fastening pin (Fig. 3B). Repeat on the other side, if necessary.

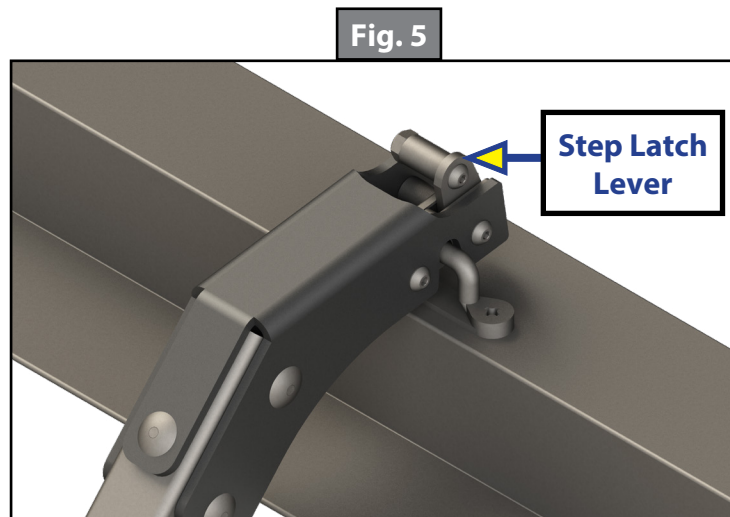


Step Removal

1. Remove the quick release locking pin (Fig. 4A) from the adjustment plate (Fig. 4B). Repeat on other side. Retain the pins for later use.



2. Collapse the Victory Step by pulling up on the back of the top step.
3. Insert the quick release lockpin through the bottom hole in the adjustment plate and both rails. Repeat on the other side.
4. Release both of the step latches from the footman loops by pushing forward on the levers (Fig. 5).
5. Lift the Victory Step away evenly from the footman loops.

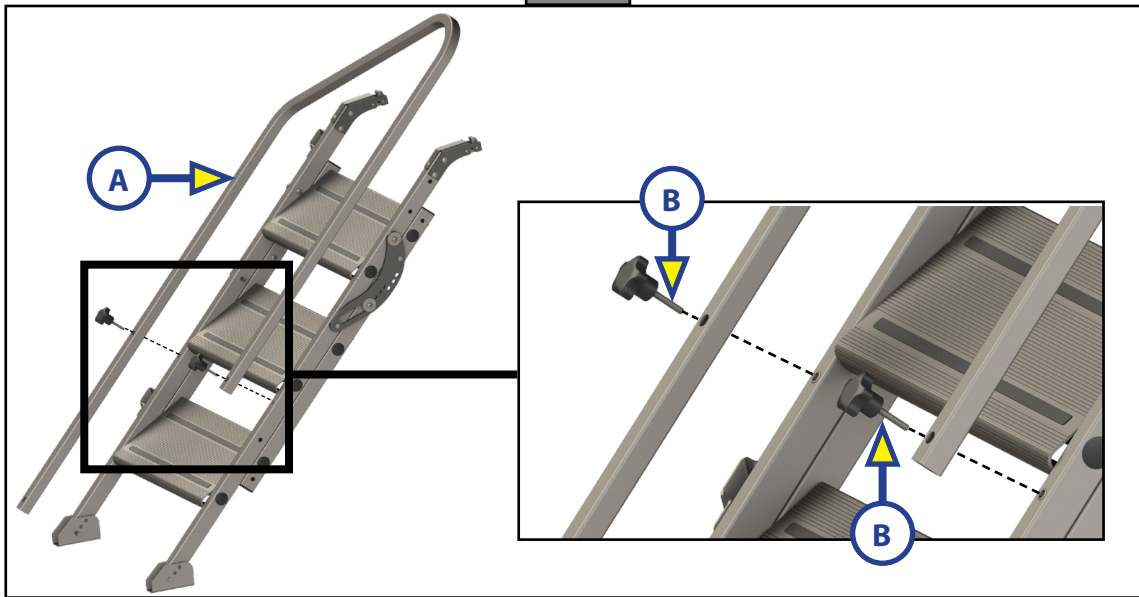


Handrail (if equipped)

Installation

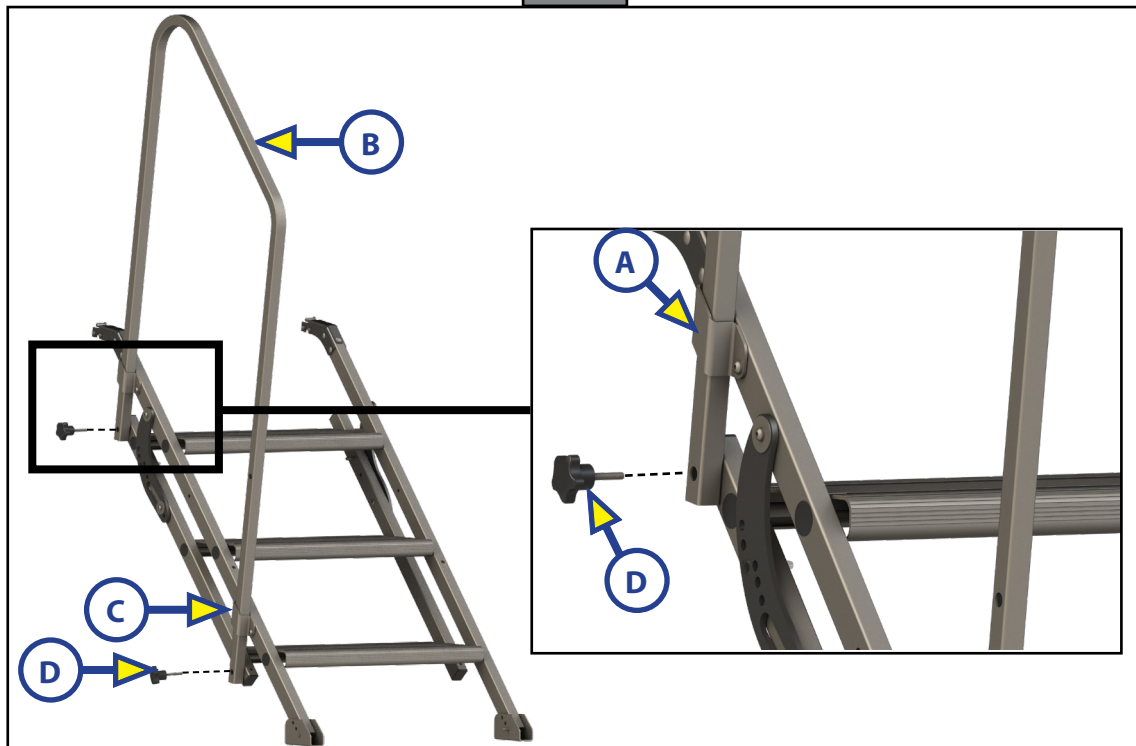
1. To remove the handrail (Fig. 6A) for installation, unscrew the fastening knobs (Fig. 6B). The knobs will be used for installation of the handrail.

Fig. 6



2. To install the handrail, align the short end of the handrail tube with the top bracket (Fig. 7A) on the left side of the Victory Step and the long end of the handrail tube (Fig. 7B) with the bottom bracket (Fig. 7C).
3. Slide both ends of the handrail tube through the brackets and align with the holes in the back tube. Screw the fastening knob (Fig. 7D) through the top hole in the handrail and into the back tube. Repeat for the bottom hole. Hand tighten both knobs.

Fig. 7



Removal

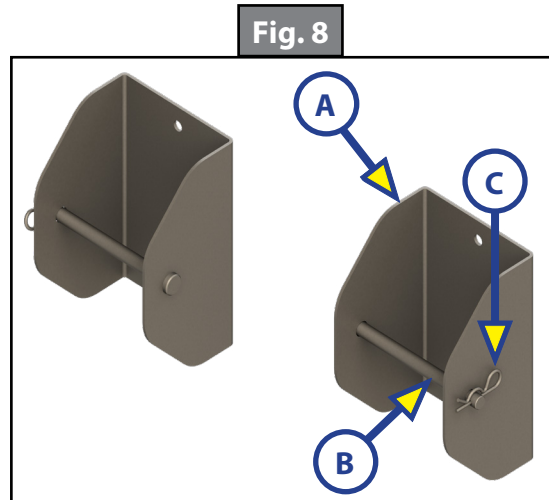
To remove the installed handrail from the Victory Step, unscrew the top and bottom fastening knobs (Fig. 7D) then slide the handrail tube out of the brackets.

Stowage

To stow the handrail, align the holes in the handrail with the holes on the front face of the Victory Step (Fig. 6). Screw the fastening knobs into the holes in the handrail, then hand-tighten until the handrail is secured to the Victory Step.

Storage of Victory Step (if installed)

The Victory Step can also be stored using the accessory Garage Kit (sold separately), which includes brackets (Fig. 8A), clevis pins (Fig. 8B) and hairpin cotter pins (Fig. 8C).



NOTE: The garage storage brackets are NOT designed to hang the Victory Step on the wall while suspended above the floor. Suspending the Victory Step above the floor could lead to wall damage. The garage storage brackets are designed to hold the Victory Step in a fixed position for travel where the feet of the step are resting on the floor and the step is leaning slightly against the garage storage brackets, which are attached to the wall.

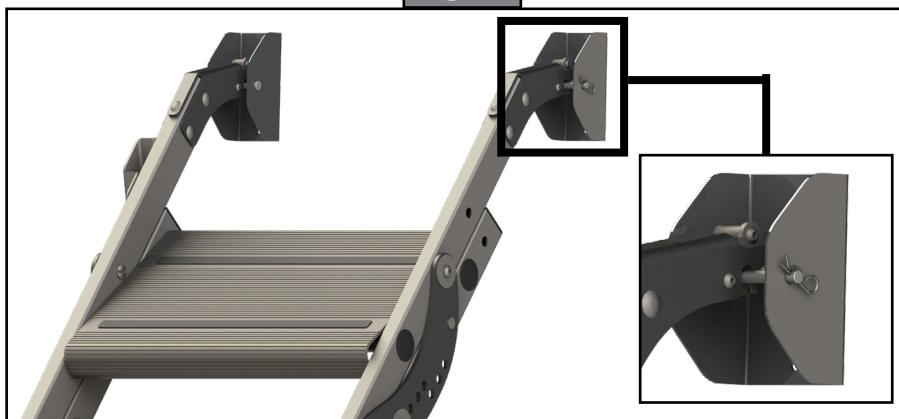
Storage

1. Ensure that both feet on the Victory Step are set to the same height adjustment, then set the step so both feet are on the ground about 3 to 4 inches away from the wall (Fig. 9).



2. Lean the top of the Victory Step towards the garage storage brackets then lower until both step latches click into place around the clevis pins (Fig. 8B) on the garage storage brackets.
3. Make sure both step latches are secure around the clevis pins (Fig. 10) and both feet are on the floor.

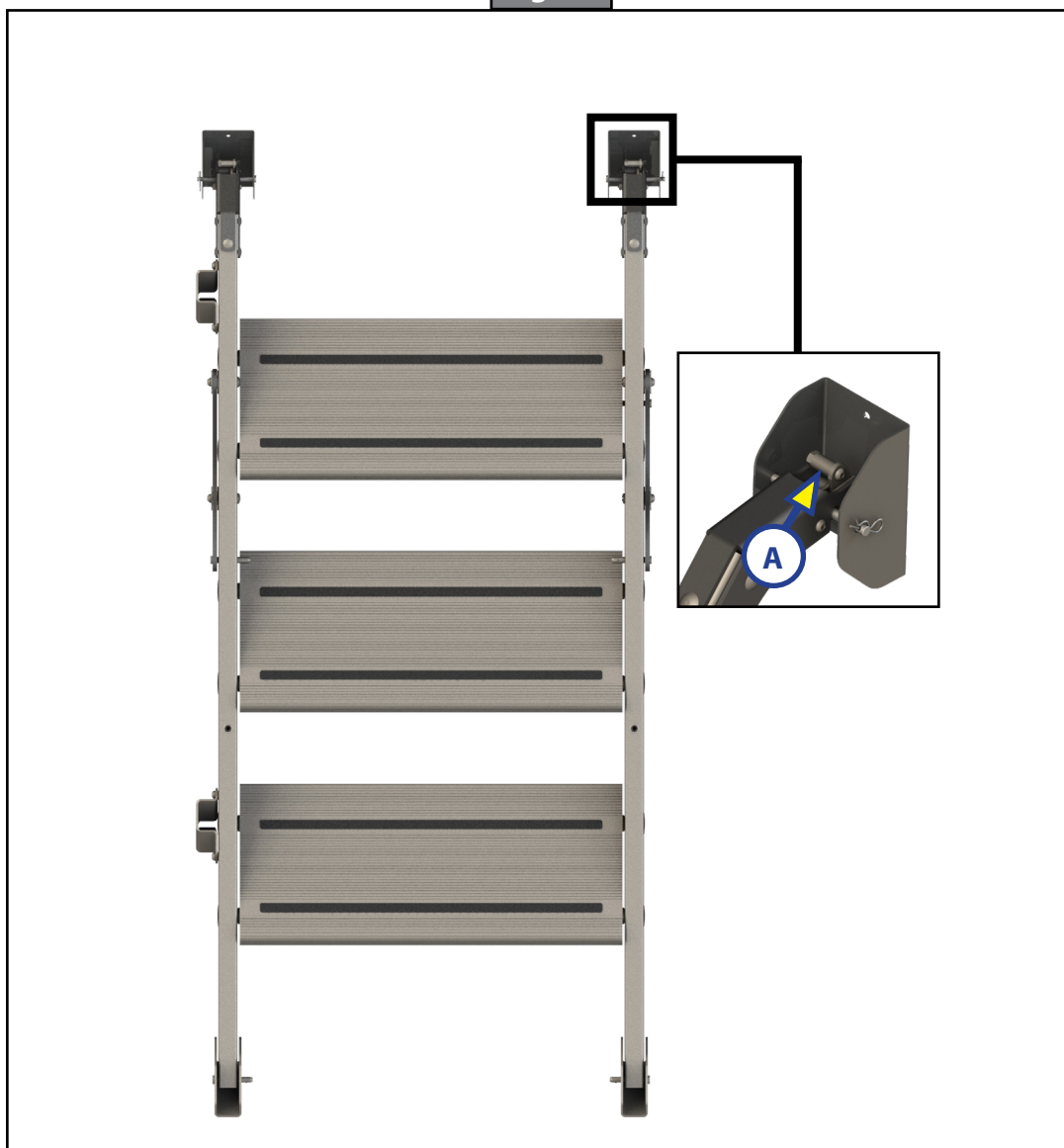
Fig.10



Removal

To remove the Victory Step, push the step latches levers forward (Fig. 11A) then pull the step away evenly from the clevis pins.

Fig. 11





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