BRANACH
SAFETY. OUR WAY OF LIFE

Tunnel Ladder

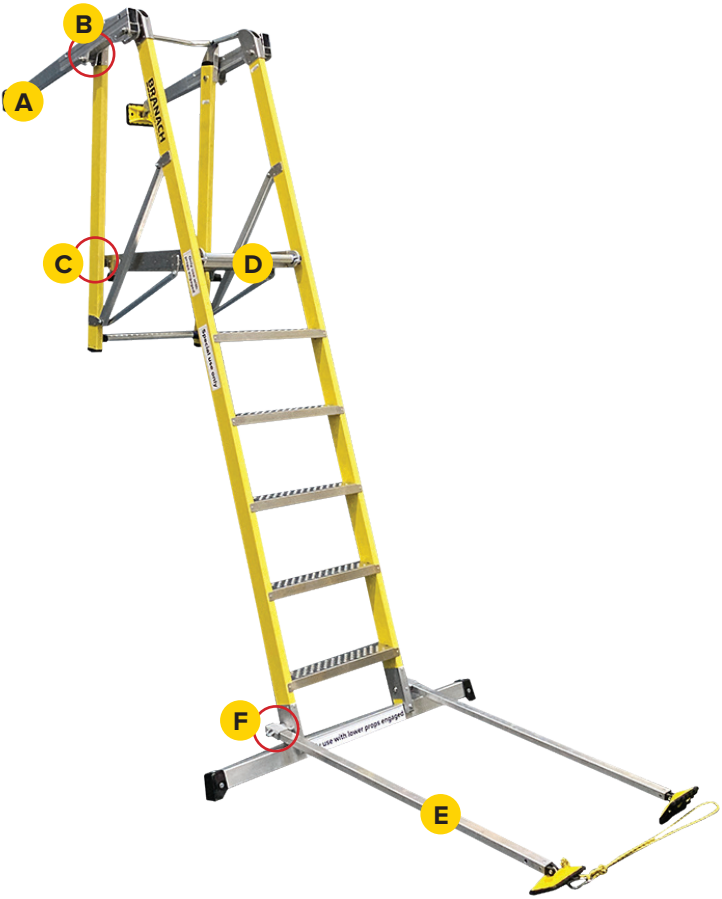
INSTRUCTIONS

branach.com
sales@branach.com

Tunnel Ladder Setup

Ladder Glossary

- **A** Extension arm
- **B** Lock button
- **C** Platform hook
- **D** Ladder rung
- **E** Lower prop arm
- **F** Pull Pin

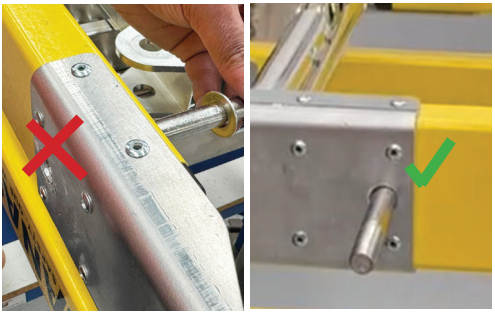


Installation

Tools required: 19mm Socket Torque wrench, 19mm spanner

- Orientation is very important. Place the ladder on the floor/ trestle facing the rear section.

- Do not fully remove the main bolt, as there is an internal spacer that may fall inside if the bolt is completely taken out.
- Push the bolts outward from the unit.



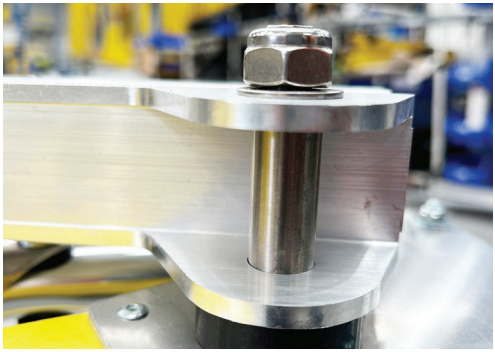
- Remove the nyloc nut, washer, and plastic spacer from the bolt.
- Repeat the same process on the below assembly.

Installation cont.

- Take the metal spacers. Slide them in to their designated positions (bolts).
- Insert the rubber spacers into bolts.

- Grab the strut arm and make sure the five holes face outward.
- Slide the strut in flush. Place the washer on the end and lock the nut.

- Using a 19mm spanner and 19mm socket, along with a torque wrench set to 12Nm, tighten the nut securely.
- Repeat the same process on the below assembly.
- Repeat the process on the opposite side of the ladder.
- Once complete, fully open the ladder to ensure it operates smoothly without any interference.



- Slide the Extension Arms into position.

Warning

Double check that all bolts and nuts are tightened before use.

Leg assembly

Tools required: 2 x 5 mm Allen Keys

- Gather two 5mm Allen keys, along with the semi-assembled bolts and nuts.

- Insert the feet into the stile connector.
- Note: Sticket should be facing front of the ladder.

- Align the bolt pin to the stile connector.

- Insert the pin from underneath, pushing it all the way through until it sits flush at the top. Place the spring washer onto the pin, followed by the bolt. Tighten the bolt securely until fully engaged.
- Repeat the process on the opposite side. If any components are misaligned, use the Allen key as the guide to adjust them into position.

Standards Note

- The “Tunnel Ladder” is a special purpose ladder built for a unique requirement. There are no direct standards for this ladder to be designed to.
- **AUSTRALIAN** Standard: The ladder has been built from the basis of the Australian Ladder standards AS/NZS 1892.3:1996 but has not been certified to comply with this standard as there is no direct standard for a ladder of this configuration.
- **EUROPEAN** Standard: The ladder has been built from the basis of the European Ladder standards EN 131-7:2013 but has not been certified to comply with this standard as there is no direct standard for a ladder of this configuration
- The ladder has been built using ladder sections and components that do comply to the above mentioned ladder standard

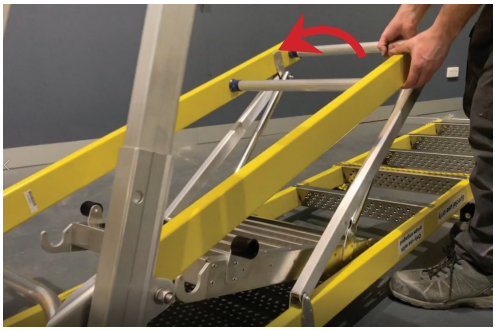
Setup

- Lay product down so the extension arms are facing up

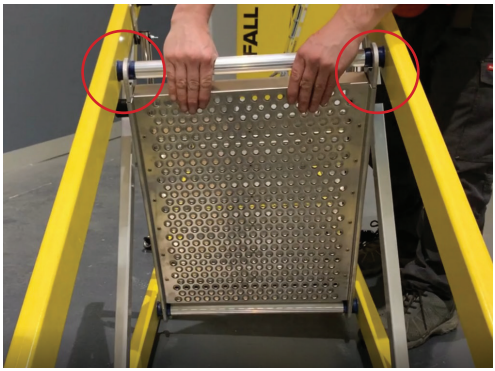
- Extend the extension arms if a wall standoff is required
- Depress the red lock button to release the extension arm. Pull the arm out to position 1 or 2. Make sure the red lock button re-engages into the hole

- Repeat the extension arm adjustment with the opposite side if required

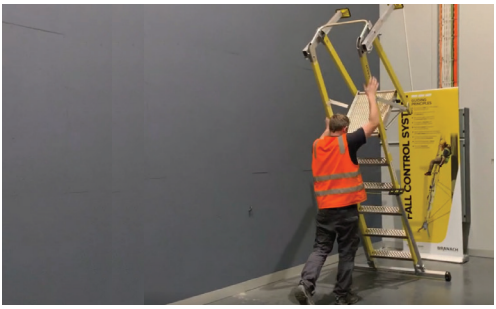
- Open the platform ladder



- Latch the platform hooks onto the ladder rung



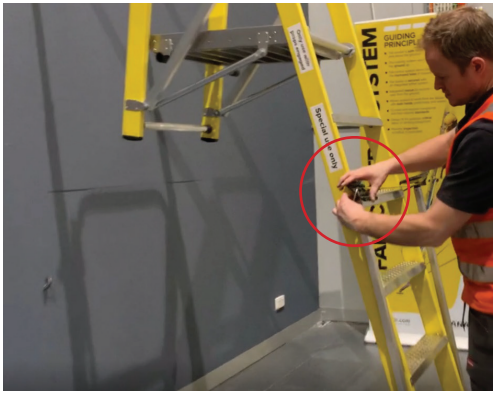
- Stand the ladder up



- Move the ladder into position

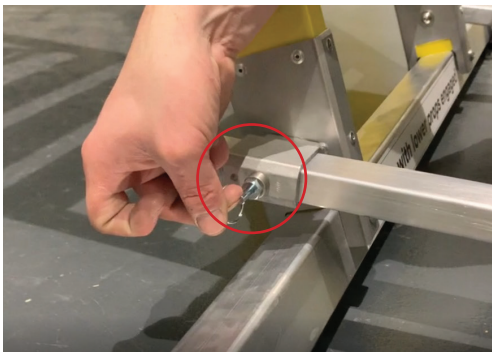
- Lower the ladder against the wall structure. Use 2 people to manage this task with larger ladder sizes
- Adjust the ladder so that the incline is roughly 17 degrees.

- Deploy the lower prop arms
- Unclip the retaining rope from the lower prop arms



- Lower the lower prop arms to the ground

- Adjust the prop arm length at the base of the ladder so that the prop arms are pushing against a rear stop surface.
- Pull the adjustment pull-pin to disengage the prop arm. Makes sure the pull pin- has re-engaged into a corresponding hole in the prop arm

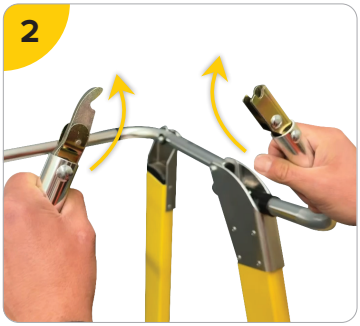


- Test that the ladder cannot move or slide away from the supporting wall

Rear Safety Rail Operation

Opening and closing Rear Safety Rail instructions for FPW, FPL and FPS

To open the latch, slide to the left and separate.



Lift arms upwards.

To engage, lower arms and reinsert mating pieces. Push arms together while pushing down.

Mating pieces will click when engaged correctly.

WARNING:
The ladder must not be used if the prop arms are not supported against a supporting structural surface that is sufficient to stop the ladder from sliding backward

MANUFACTURED BY

Branach Manufacturing Pty Ltd

a 891 Wellington Road,
Rowville, Victoria 3178, Australia

t +613 9761 6633

e sales@branach.com.au

w branach.com