



SAFETY AND OPERATING MANUAL

FOR THE 24 & 35 CONFIGURATION KIT



OPERATING & SAFETY INSTRUCTIONS

CONGRATULATIONS

You have purchased one of the most versatile ladder systems in the world. The Transforma Ladder's special design is suited to all types of climbing needs. The Transforma Ladder is made from durable materials and parts to enable it to have a long life expectancy. Vast hours of research and intensive testing allow the Transforma Ladder to withstand prolonged use, whilst giving untroubled performance.

The Transforma Ladder has been introduced into the market at a competitive price and provides outstanding versatility that sets a high standard in the marketplace.

- The A-frame, extension, step level, and scaffold positions are all able to be adjusted to a number of different configurations.

These are just a few of the qualities that make the Transforma Ladder stand out from the rest. Carefully read the following instructions. They will help you understand how to operate your ladder safely and to its maximum potential.

L a d d e r S y s t e m TM

OPERATING AND SAFETY INSTRUCTIONS

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OPERATING INSTRUCTIONS FOR THE TRANSFORMA LADDER SYSTEM

PART ONE

Description - Transforma Ladder System

- A. The Transforma ladder is a multi-purpose ladder system combining three core components. One inner ladder unit with two outer ladder units which slide and lock over the inner ladder unit.
1. The inner ladder has a central locking hinge that allows the Transforma Ladder to be set up in a variety of ways, namely:
- a. A-frame Position
 - b. Extension Position
 - c. Step Level Position
 - d. Scaffolding Trestle Position

SAFETY PRECAUTION: ONLY USE THE TRANSFORMA 24 120KG LADDER IN THE A-FRAME AND SCAFFOLDING TRESTLE CONFIGURATIONS WITH THE SPREADER INSTALLED TO BRACE THE LADDER. REFER TO PAGE 15.

2. Locking assemblies on the two outer ladder units allow the telescoping and height adjustment of the outer ladder sections up and down the inner ladder unit. This mechanism locks into the rungs of the inner ladder unit, allowing adjustment at both ends of the ladder.
- B. A table of the working heights for the Transforma 24 & 35 models is as follows:

Configuration	Storage Height	A-Frame	Extension
Transforma 24	1.39m (4ft 6 2/3 inch)	1.38m to 2.30m (4ft 4 1/4 inch to 7ft 6 1/2 inch)	2.69m to 4.51m (8ft 10 inch to 14ft 10 inch)
Transforma 35	1.70m (5ft 9 1/4 inch)	1.70m to 2.92m (5ft 6 3/4 inch to 9ft 6 4/5 inch)	2.04m to 4.62m (6ft 8 1/3 inch to 15ft 2 inch)

- C. High grade aluminium is used to make the inner and outer ladder side rails.
- 1 Both the inner ladder and the outer ladder units use slip-resistant aluminium.
2. Both the inner ladder and the outer ladder units are finished with a slip-resistant footing.

**SAFETY PRECAUTION:
CHECK THE CONDITION OF THE
LADDER UPON RECEIPT AND
BEFORE EACH USE. NEVER USE
A BROKEN OR DAMAGED LADDER.**

PART TWO.

Using the Transforma Ladder System

The Transforma Ladder System has two mechanical components:

- A. The adjustable hinge found at the top of the ladder when it is in the storage position, allows you to rotate the legs and reconfigure the ladder. This hinge rotates and locks into these three positions. (See Figures A-1, A-2, and A-3).

1. Unlock the hinges by pushing both Palm Buttons straight in until they stay in the open position. (See Figures A-4 and A-5).

- a. NOTE - Any pressure on the hinge lock pins may make it difficult to unlock the hinge. Relieve the pressure by simply jiggling one half of the ladder back and forth until the hinge lock pins can move freely.

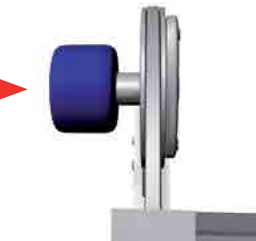


Figure A-4

- b. NOTE - DO NOT USE TOOLS TO FORCE THE HINGE LOCK in or out as this will cause permanent damage to the hinge mechanism. When the holes are aligned correctly it should only take light pressure to unlock the hinges.

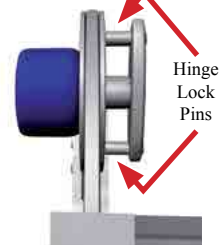
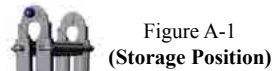
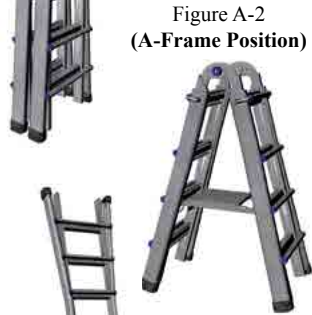


Figure A-5



**Figure A-1
(Storage Position)**



**Figure A-2
(A-Frame Position)**



**Figure A-3
(Extended Position)**

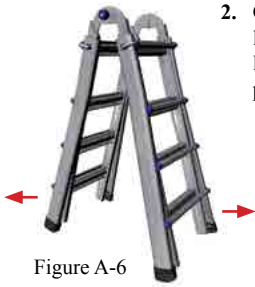


Figure A-6

2. Open the ladder by pulling the two ladder halves apart until both hinge lock pins snap and lock into the A-frame position. (See Figure A-6).

3. IMPORTANT

Once the hinge lock pins snap into place, insert the work platform as a spreader to brace the ladder.

(See Figure A-7)

Refer to page 15 for more information on how to insert the Work Platform.

(120KG MODEL ONLY)



Figure A-7

4. Next, change the ladder into the extension position by pushing straight in on the palm buttons of both hinges (See Figures A-4 and A-5). Rotate the ladder halves until the hinge locks snap into their locked position (See Figure A-8).



Figure A-8

To reset the ladder to the storage position, use the above procedure but in reverse. The hinges lock automatically at the A-frame position to prevent damage to the ladder or injury to the user. Take care not to let the full weight of the ladder collapse uncontrollably onto the hinge lock as you change the ladder from the extension to A-frame configuration. Disengage the hinge locks in the A-frame position and return the ladder to its storage position.

SAFETY PRECAUTION:

READ THE IMPRINT ON THE HINGE! "HINGE LOCK PINS MUST BE FULLY IN BEFORE USE, FAILURE TO DO SO MAY RESULT IN INJURY"

HINGE LOCK PINS MUST
BE FULLY IN BEFORE USE



FAILURE TO DO SO MAY
RESULT IN INJURY

- B. Four Leg Lock Assemblies make up the second mechanical component of the ladder. These allow you to adjust the height of the ladder. (See Figure B-1).

Figure B-1

**SNAP AND
LOCK THE
LEG LOCK
ASSEMBLY
SECURELY IN
TO THE HOLE
BEFORE USE.**



**SNAP AND
LOCK THE
LEG LOCK
ASSEMBLY
SECURELY IN
TO THE HOLE
BEFORE USE.**

C. Using the A-frame Positions

1. Unlock both hinge locks. (See Figures A-4 & A-5)
2. While the ladder is in the storage position, pull out the four Lock Assemblies from the rung holes and rest them on the outside ladder rail. (See Figures C-1 and C-2).
3. Raise the inner ladder to the required height.

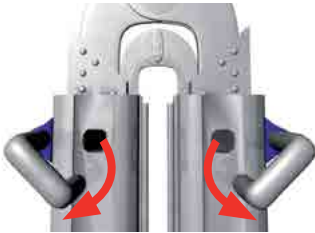


Figure C-1



Figure C-2

4. At the required height align the nearest inner and outer rung holes.
5. With the inner and outer ladder aligned hold the ladder in one hand and re-insert the opposite Lock with the other hand.
6. Change hands and re-insert the other Lock Assemblies. (See Figure C-3).
7. Pull the ladder halves apart until the hinges lock into place and the ladder stands in the A-Frame position.
8. Insert the work platform as a spreader to brace the ladder. **(120KG MODEL ONLY)**
9. To reset the ladder to the storage position, reverse the procedures and position as seen in Figure A-1.

**SAFETY PRECAUTION:
READ THE WARNING STAMPED BELOW
EACH LOCK ASSEMBLY**



Figure C-3

**SAFETY PRECAUTION:
ALWAYS HOLD THE INNER LADDER WHENEVER CHANGING THE LEG
LOCK ASSEMBLIES OTHERWISE IT WILL SLIDE & HIT THE GROUND.**

**DO NOT USE THE OUTER OR INNER SECTIONS OF THE LADDER AS A
SEPARATE STEPLADDER.**

D. Using the Extension Ladder Position

1. From the storage position, unlock the hinges (as shown in Figures A-4 and A-5) and rotate the legs until both hinges lock into place at the extension position. (See Figure A-7)
2. NOTE: The hinge will first lock into the A-frame position, unlock the hinges again and continue rotating to the extension position.

3. Unlock the Lock Assemblies on the upper half of the ladder. Hold the outer ladder then walk backwards allowing the ladder to extend to the required height. Extend the lower half of the ladder if more height is required. (See Figure D-1)

Figure D-1

4. To stow the ladder from its extension position, reverse the above procedure, starting with the ladder base.
5. NOTE: Always hold the inner ladder securely when unlocking the lock assemblies and adjusting the ladder height.

DO NOT USE THE OUTER OR INNER SECTIONS OF THE LADDER AS A SEPARATE STEPLADDER.

DO NOT USE THE INNER SECTION WHEN SEPARATED FROM THE OUTER SECTIONS IN THE EXTENSION LADDER POSITION.



E. Using the Step Level Positions

1. Adjust ladder to required height (refer to adjusting the height of the ladder for use in the A-frame position).
2. Adjust the ladder legs to fit the staircase. Open the ladder by pulling the two ladder halves apart until both hinge lock pins snap into place. (See Figure E-1)

3. IMPORTANT

Once the hinge lock pins snap into place, insert the work platform as a spreader to brace the ladder.

Refer to page 15 for more information on how to insert the Work Platform.
(120KG MODEL ONLY)

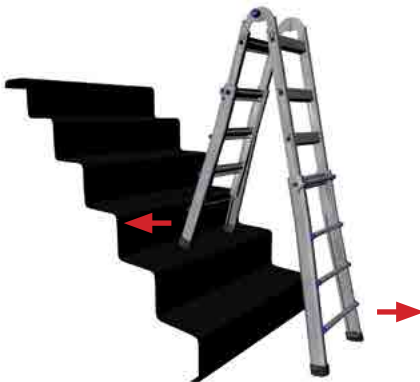


Figure E-1

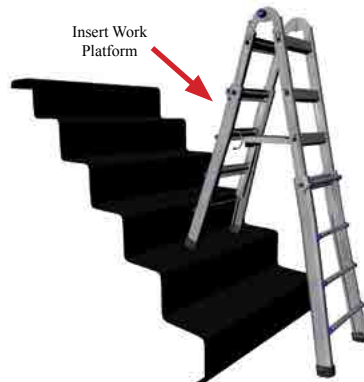


Figure E-2

F. Scaffolding Trestle Instructions

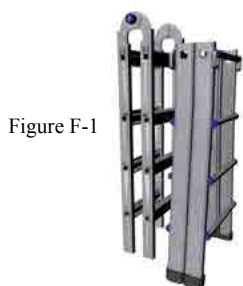


Figure F-1

1. Pull the entire inner ladder assembly out of the outer ladder railings and set them down side by side (See Figure F-1).



Figure F-2

2. Open the inner ladder assembly until the hinges lock into the A-frame position. This is one half of the trestles needed for the scaffolding facility (See Figure F-2).



Figure F-3

3. Gather both of the outer ladder railings together. (See Figure F-3).



Figure F-4

4. Hold the two outer ladder bases so their rungs face outwards and spread the footings apart to form an A-frame position. (See Figure F-4).

Figure F-5

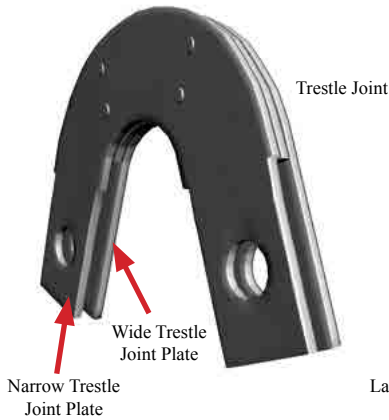
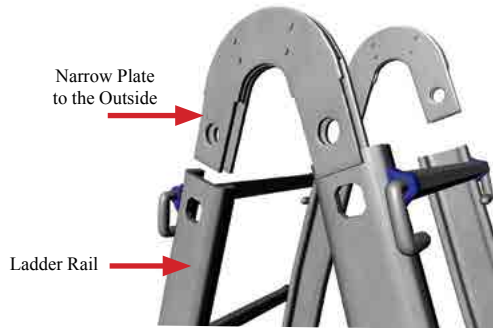


Figure F-6



5. Orientate the Trestle Joints so that the Wide Plate slides over the inside of the Ladder Rail and the Narrow Plate slides over the outside of the Ladder Rail. (See Figure F-5).
6. Make sure each Trestle Joint is positioned with its plates both inside and outside the ladder rails, joining both bases to create an A-frame. (See Figure F-6).
7. Check that the lock assembly holes of both bases line up with the Trestle Joint holes, then insert the lock assemblies. (See Figure F-7a-7b).

Figure F-7a

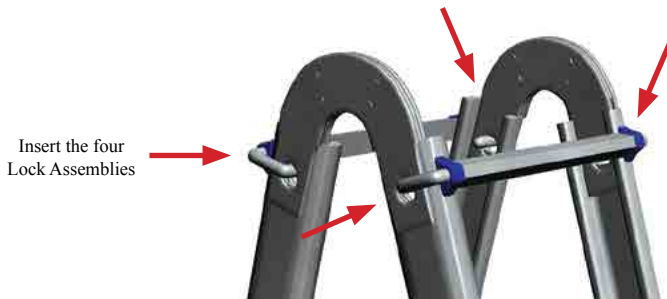
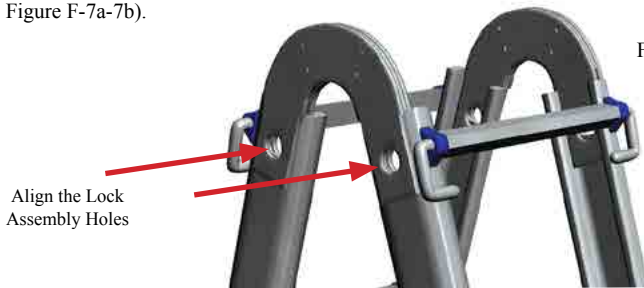


Figure F-7b

Figure F-8



8. The stepladder is now set up for use as a second trestle (See Figure F-8).

9. IMPORTANT

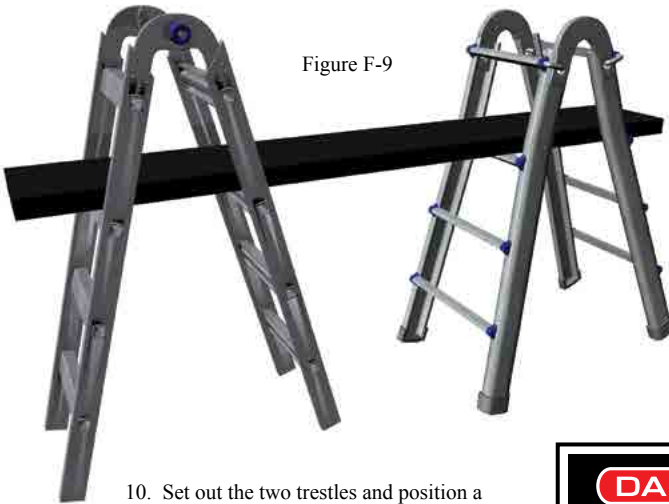
Once the hinge lock pins snap into place, insert the work platform as a spreader to brace the ladder.

(See Figure A-7)

Refer to page 15 for more information on how to insert the Work Platform.

(120KG MODEL ONLY)

Figure F-9



10. Set out the two trestles and position a compatible scaffolding plank on a set of rungs at the required working height. (See Figure F-9).

SAFETY PRECAUTION:
HEED THE WARNING LABEL PLACED ON THE OUTER LADDER RAILING REGARDING THE USE OF THE WORK PLATFORM AS A SPREADER ATTACHMENT. (120KG MODEL ONLY)

DO NOT USE THE INNER SECTION WHEN SEPARATED FROM THE OUTER SECTIONS IN THE EXTENSION LADDER POSITION.

DANGER

DO NOT USE THE OUTER OR INNER SECTIONS OF THE LADDER AS A SEPARATE STEPLADDER



G. Work Platform Configuration Instructions

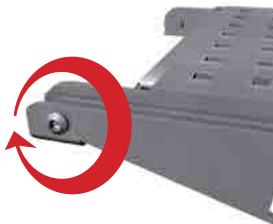


Figure G-1



Figure G-2



Figure G-3

1. Adjust the bolt tightness until brackets move stiffly. (See Figure G-1).
2. Adjust the platform to fit the ladder rung. (See Figure G-2).
3. Place platform at required height. (See Figure G-3).



Figure G-4



Figure G-5



Figure G-6

4. Slide platform in and carefully climb up above the platform. (See Figure G-4).
5. Slide the platform back with the front of your foot (See Figure G-5) until the forward end of the platform rests against the rung.
6. Ensure the platform is securely in place by applying light pressure with your foot before putting your full weight on it. (See Figure G-6).



Figure G-7



Figure G-8

7. Once finished with the work platform, step onto the rung above the work platform and push the work platform forward with the front of your foot. Step back down past the work platform. (See Figure G-7).

8. The work platform can also be used as a utility shelf. (See Figure G-8).

SAFETY PRECAUTION:

Make sure the work platform is locked into position before climbing.

Brand Developers Limited and Brand Developers Australia Pty Limited assumes no liability for damage or injury which may result from failing to follow all preceding instructions correctly.

SAFETY PRECAUTION:

HEED THE WARNING LABEL PLACED ON THE WORK PLATFORM!

The Transforma Ladder Work Platform can be purchased separately as an optional extra.

TRANSFORMA® LADDER

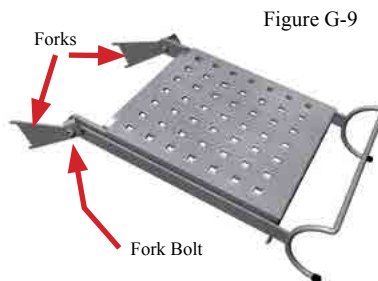
**WORK
PLATFORM**

DANGER

1. Inspect upon receipt and before each use, never use on bottom rung or when damaged, bent, or broken.
2. Make sure nuts and bolts are tight before using.
3. Make sure platform is extended fully before standing on it.
4. Never lay tools on platform when used as a standing platform.
5. Never reach down to reach or adjust platform while standing on it.
6. Never use the work platform if standing surface becomes slick from water, ice, snow, or other substances.
7. This work platform is also used as the spreader attachment for combining two outer ladder sections to form a separate step-ladder. Do not use this step-ladder without this spreader attachment. (Refer to operating instructions.)
8. Heed other warnings and instructions found on the ladder and Operating & Safety Instructions.

IMPORTANT: When using the spreader on the inner ladder rails

9. Rotate the forks on the work platform to the angled position shown right.
(See Figure G-9).



10. Insert the lower forks of the work platform into the lower channel on the back of the step.
(See Figure G-10)

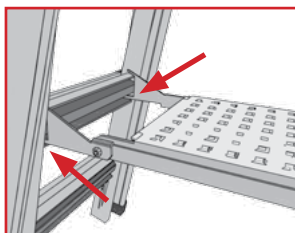


Figure G-10

11. Insert the horizontal bar of the work platform into the upper channel on the back of the step.
(See Figure G-11)

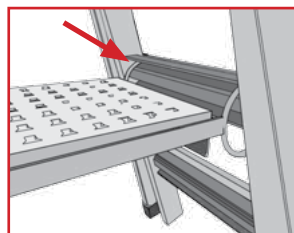
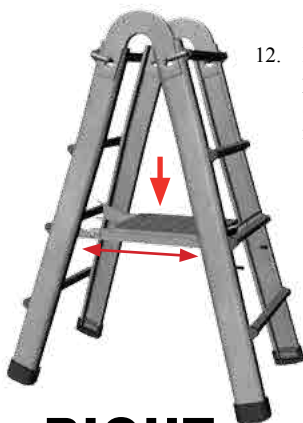
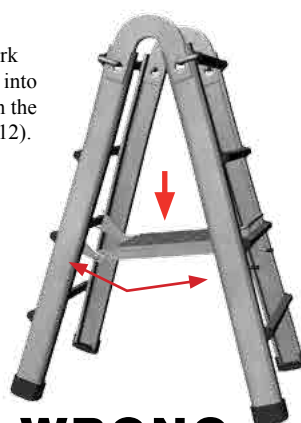


Figure G-11



RIGHT

12. Press down on the work platform until it locks into a flat position between the rungs.
(See Figure G-12).



WRONG

Figure G-12

SAFETY PRECAUTION:

MAKE SURE THAT THE WORK PLATFORM'S FORK BOLTS ARE ALWAYS TIGHT AND THE FORKS LOCK INTO PLACE WHEN USED AS THE SPREADER ATTACHMENT.

H. Final Precautions

1. Keep clothing and body parts away from the hinges and lock assemblies while in the process of adjusting the ladder. These heavy duty mechanisms will pinch if carelessly adjusted.
2. Whilst extending the inner ladder within the outer ladder railings, never let clothing or body parts be placed between the moving rungs. Whilst extending the ladder up or down **always** hold the ladder with both hands on the vertical upper rails or hinges of the ladder.
3. When working around electricity or when electricity is involved, be very careful and take all precautions to prevent the ladder from making contact with any electrical circuits.
4. When using ladders be sure to:
 - a. Set all four feet on a firm level surface
 - b. Keep steps dry and clean
 - c. Wear slip-resistant shoes
 - d. Keep body centred between both side rails
 - e. Read additional instructions on ladder
5. When using the ladder in the extension position, use the proper working angle which requires that the distance from the base of the ladder to the base of the support wall must be 1/4 the height of the ladder, ie: 1 foot out from the wall for every four foot in height, or approximately at a 75° angle.
6. Dependent on the model ladder you have purchased they are rated to the following load bearing capacity and **AS/NZS 1892.1:1996** standard:
 - 180kg load bearing capacity.
 - 120kg load bearing capacity.

Do not exceed safe working limits.

7. The Transforma Ladder System has been designed so that the surface of the rungs are parallel to the surface upon which the ladder stands.

SAFETY PRECAUTION:

NEVER CLIMB FROM THE BACK OF THE LADDER IN THE EXTENSION POSITION.

As indicated on the warning label placed on the inside of the inner ladder assembly.



I. Caring for your Transforma Ladder

1. To maintain easy operation, oil the hinge mechanism and lock assemblies with light machine oil every six months and before long term storage. Lubricate more often as use dictates, and during extreme weather conditions.
2. When storing the ladder, place in a dry location out of the weather. This will enhance the life of your ladder.
3. Keep the rails clean and free of debris so that the ladder will extend and move easily.
4. Keep the hinge mechanism clear of dirt, salt spray, or other contaminants that could obstruct proper operation.
5. To ensure safety, replace the inner and outer feet when required.
6. Check all parts and components of the ladder to make sure they are operating safely and correctly before each use.



Safety Advice:

Portable Ladders





- Ensure safety feet are fitted to the ladder before each use.
- Make sure it is firm and steady with no defective top rungs, braces or side rails.
- Get help in carrying and setting up heavy extension ladders.



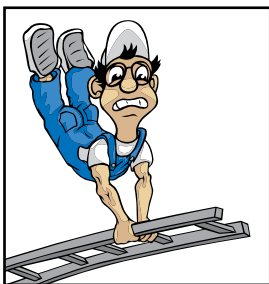
- Always use a ladder that is long enough.
- Never climb or stand on the top two steps of a stepladder.
- Don't stand on the top two rungs of an extension ladder.



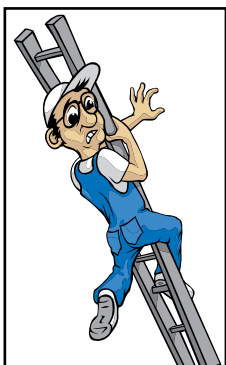
- Always set the ladder up on a level surface. Ladders aren't designed for a side sloping surface and there's an increased chance that a ladder set on a slope will tip over sideways.
- Attaching a leg leveller at the base of the ladder decreases the chance of tipping, allowing for a safer working area.



- Use a wide board on soft ground, approximately 15-20 cm (6 - 8 inches) width or more to stop the ladder legs from slipping and sinking into the ground.



- Do not set the feet of a ladder so far away that they may slip out at the bottom.



- A ladder placed too close and upright may tip backwards. Use the 4ft to 1ft angle rule or the 75° angle rule.



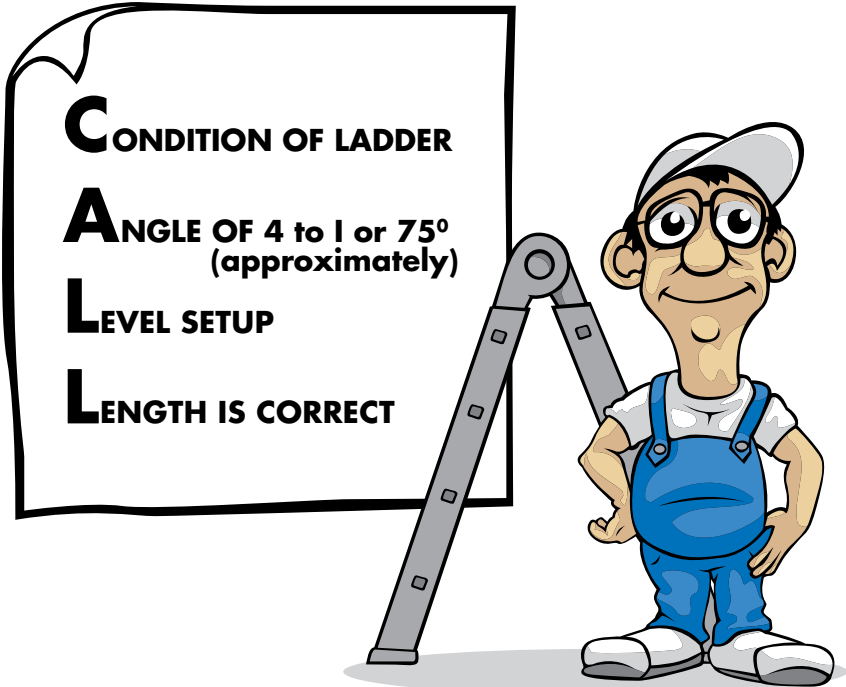
- Securing the ladder to a firm support near the top can help to prevent slipping or tipping.



Some other safety tips:

- Get a responsible person to hold the base of the ladder.
- Be aware of electrical power lines and try to avoid working near them at all times.
- Look out for objects around the ladder that could shake or make the ladder slip - example, a swaying tree.
- Beware of sudden gusts of high wind.

Please read these Quick Ladder Tips before you or your Family use any Ladder



- Ensure the ladder is long enough for the job.
- Safety feet must be fitted to the ladder before each.
- Ask for assistance when using a heavy ladder. To avoid the ladder shifting and swaying, set it up on level ground or use a leg leveller.
- If the ground is soft use a wide board under the feet.
- The proper set up angle to use for a straight ladder is a 4 to 1 ratio or 75° angle approximately.
- Look out for power lines or avoid working around them completely.
- Check that your shoe soles and the ladder rungs are not slippery.
- When climbing the ladder always face it.
- Work well below the top of the ladder.
- Secure the ladder at the top and bottom if possible.
- Do not overreach. Move the ladder!
- Have one hand on the ladder at all times.
- Use a line to take up tools rather than carrying them.
- Be just as careful on a short stepladder as you would be on a 30 foot extension ladder. False security can lead to carelessness and falls which can cause serious injuries, even death.

Leg Leveller

The leg leveller is designed to make working on uneven surfaces easier.



Wall Standoff

The Wall Standoff is great to use when working around windows, guttering, overhangs and other obstacles. The Wall Standoff's extra width increases the versatility of any model of Transforma Ladder.



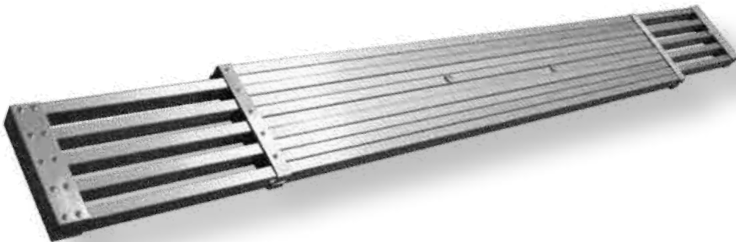
Work Platform

The Work Platform is fully compatible with all models of the Transforma Ladder and can be used to stand on or for holding your tools.



Extendable Plank

The Extendable Plank is ideal on those jobs where you require the additional height that the ladder provides over a small or large work area, such as painting coving in your house or maintaining your guttering. Alternatively, you could use your plank as a portable workbench to store your tools on.



PART FIVE

LIFETIME WARRANTY

**Brand Developers Australia Pty Limited
Brand Developers Limited**

WARRANTY REGISTRATION PROCESS

Brand Developers Australia Pty Limited and **Brand Developers Limited** warrants each new ladder, to the original purchaser thereof, to be used and maintained properly. This warranty covers all parts of the ladder, including hinges and lock assemblies. This warranty shall be in effect for the Lifetime of the ladder covering Personal Private use or a period of 5 years covering Trade, Professional & Commercial use from the date of purchase. This shall be in lieu of any other warranty, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. Some Australian states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Brand Developers Australia Pty Limited and **Brand Developers Limited** will repair or replace, at its option and without cost to the original purchaser, any ladder which has been found to be defective and is within the period of the warranty. All freight to and from the factory is to be paid for by the customer.

The factory addresses are as follows:

Australia -	Brand Developers Aust Pty Ltd, 461 Plummer Street, PORT MELBOURNE, VIC 3207 AUSTRALIA
New Zealand -	Brand Developers Limited, Unit H, 686 Rosebank Road, Avondale, 1026 Auckland, NEW ZEALAND

The liability of **Brand Developers Australia Pty Limited** and **Brand Developers Limited** under this warranty shall be limited solely to repair or replacement of the ladder within the warranty period; and **Brand Developers Australia Pty Limited** and **Brand Developers Limited** shall not be liable, under any circumstances, for consequential or incidental damages, including, but not limited to, personal injury or labour costs. Some Australian states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives the original purchaser specific legal rights and you may also have other rights which vary from state to state.

Under no circumstances will **Brand Developers Australia Pty Limited** and **Brand Developers Limited** be responsible for any expense in connection with any repairs made by anyone other than the factory or authorized service station unless repairs have been specifically authorized in writing by **Brand Developers Australia Pty Limited** and **Brand Developers Limited**.

The warranty is void if the enclosed Warranty Registration Card is not completed and returned or an email has not been sent to register the product with **Brand Developers Australia Pty Limited** and **Brand Developers Limited** within 30 days of product delivery.

PART SIX

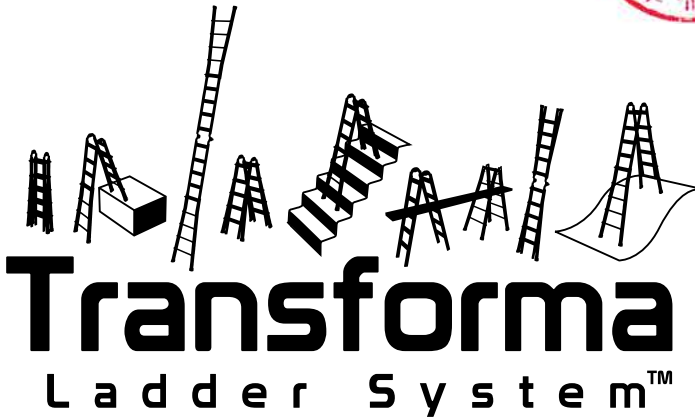
FINAL INSPECTION

The Transforma Ladder System is one of the best ladder systems obtainable in the marketplace. Quality Control checks have been made during each manufacturing operation to ensure your ladder meets our high manufacturing standards. The following items have been individually checked and approved before boxing.

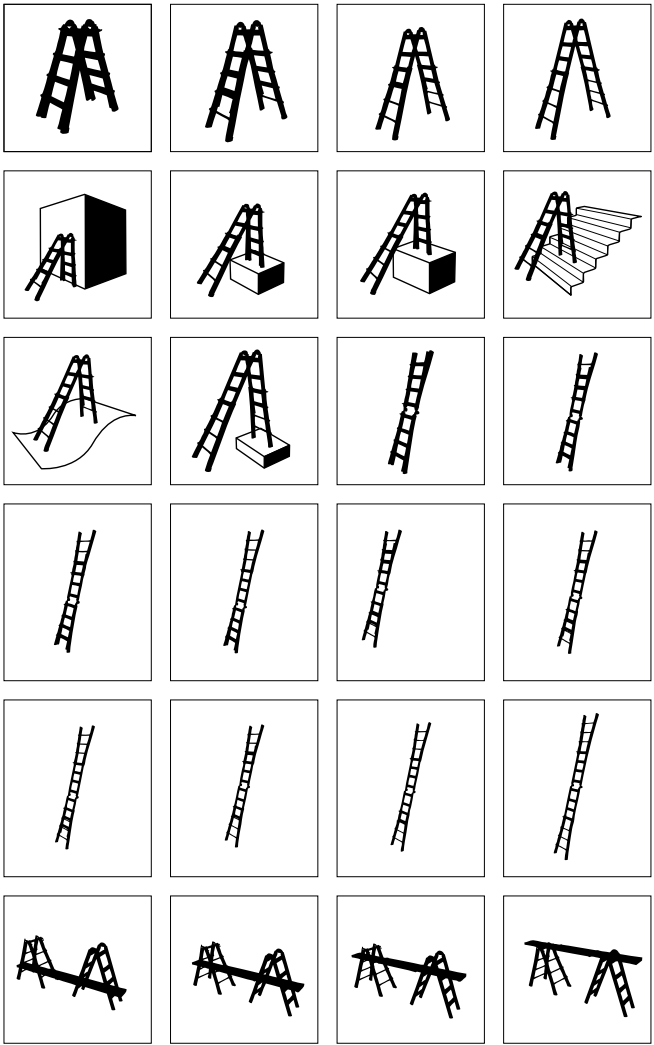
- Positive locking of hinge in each opening.
- Smooth operation of lock assemblies.
- Inner ladder slides freely within outer ladder assembly.
- Both inner and outer ladder assemblies stand flat on all fours. (Where applicable)
- All component parts are in place.
- All workmanship is of a high quality.

We sincerely hope you enjoy using your Transforma Ladder System.

INSPECTION DATE:

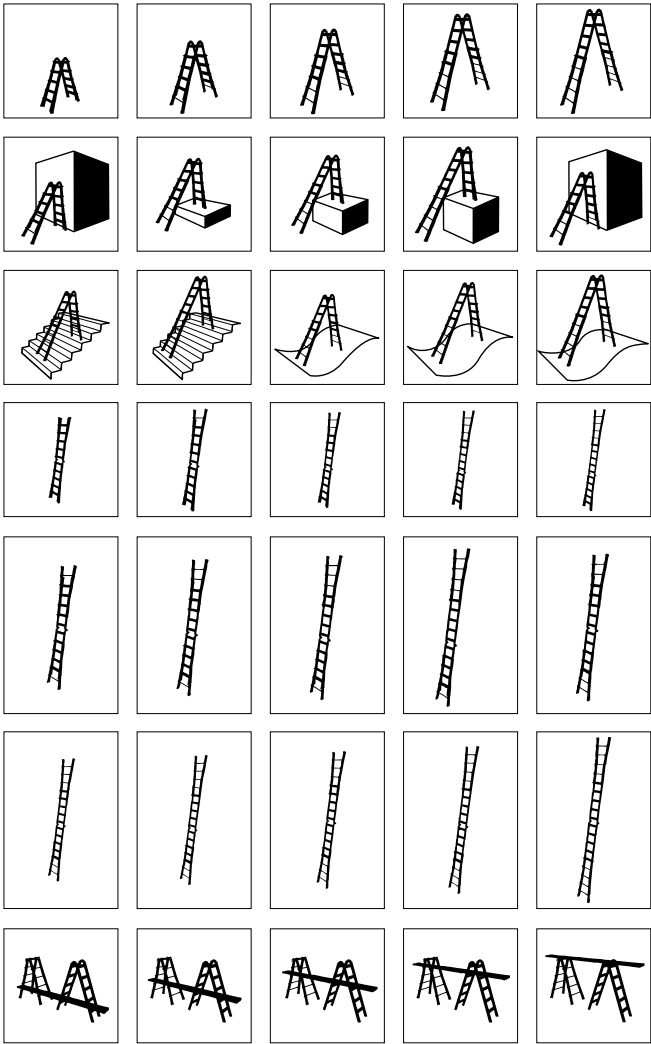


Transforma²⁴



**24 LADDERS IN 1
MODEL TWENTY FOUR**

Transforma35



**35 LADDERS IN 1
MODEL THIRTY FIVE**



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