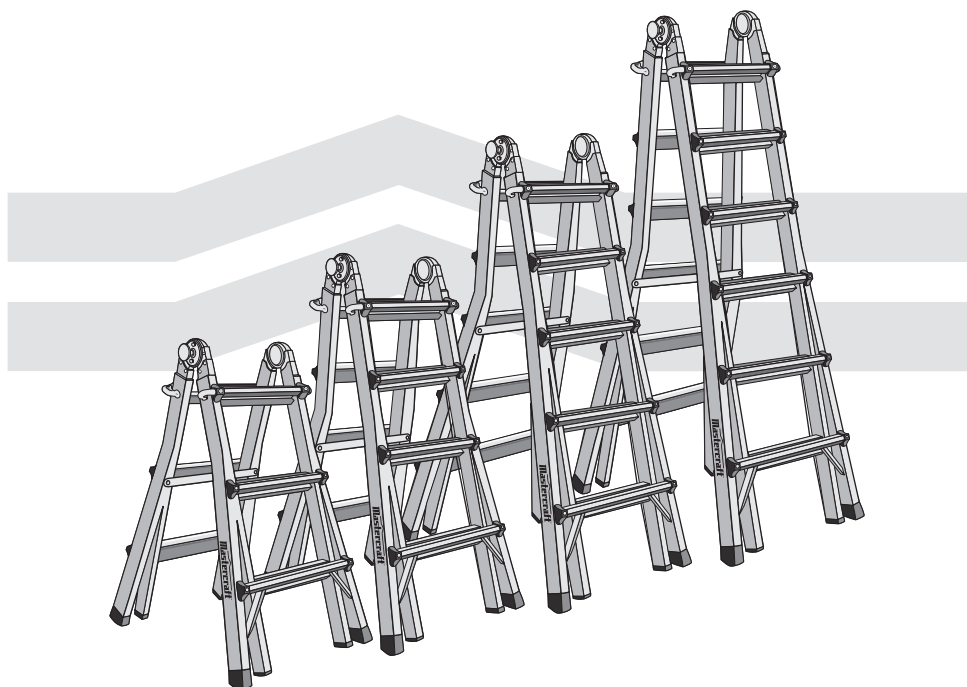




INSTRUCTION MANUAL

TELESCOPIC ALUMINUM MULTI-TASK LADDER

Read and understand this instruction manual thoroughly before using the product. It contains important information for your safety as well as operating and maintenance advice.

Keep this instruction manual for future use. Should this product be passed on to a third party, then this instruction manual must be included.



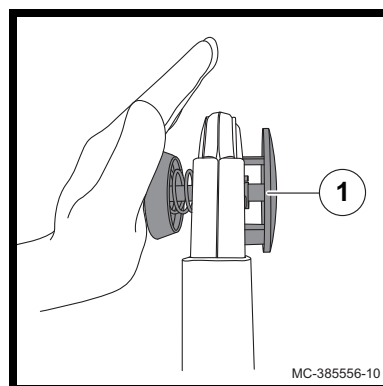
Quick Start Guide

QUICK START GUIDE

STEP 1

Unlock the self-locking hinges:

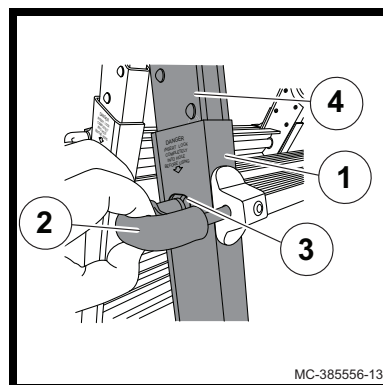
Push the palm buttons of the self-locking hinges (1) provided at either sides of the ladder with the palm of your hand ➔ page 10, step 1.



STEP 2

Unlock the spring-loaded locking pins at four sides of the ladder:

Hold the outer ladder section (1) with one hand. Use another hand to pull out the spring-loaded locking pin (2) from the rung hole (3) of the outer ladder section and the ladder side rail (4) ➔ page 11, step 1.



STEP 3

Stepladder configuration:

Unlock the spring-loaded locking pin (1) on one half of the ladder and extend the ladder side rail (2) to desired height ➔ page 13-14, steps 1-4.

For extension ladder ➔ page 12, steps 1-5.

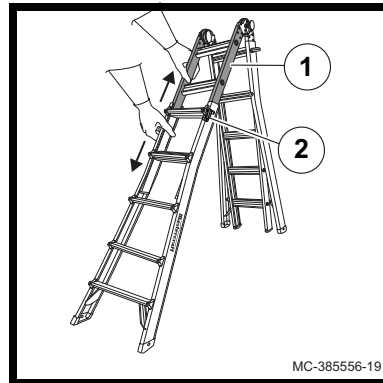
For 90 degree ladder ➔ page 13-14, steps 1-2 and 5-6.

For twin "A" frames ➔ page 14-15, steps 1-5.

For scaffold ladder ➔ page 14-15, steps 1-6.

For stairway ladder ➔ page 17, steps 1-3.

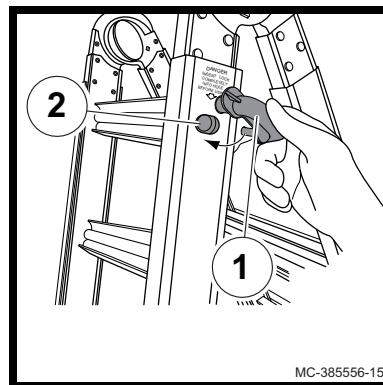
Note: The hinges get automatically locked when the ladder is set. The palm buttons cannot be pulled manually to lock the hinges.



STEP 4

Lock the spring-loaded locking pin at four sides of the ladder:

Twist and align the spring-loaded locking pin (1) into the rung hole (2) of the outer ladder section and ladder side rail section until the spring-loaded locking pin is engaged completely ➔ page 11, step 3.



2

TABLE OF CONTENTS

QUICK START GUIDE

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3

TECHNICAL SPECIFICATIONS

Model No.	HD-1201-03AC	HD-1201-04AC	HD-1201-05AC	HD-1201-06C
Stepladder size	3' 5.5" - 5' 5.5"	4' 5.5" - 7' 5.5"	5' 5.5" - 9' 5.5"	8' - 10' 10.7"
Extension ladder size	6' 11" - 10' 11"	8' 11" - 14' 11"	10' 11" - 18' 11"	12' 10" - 22' 10"
90 degree ladder size	3' 7" - 5' 7"	4' 7" - 6' 7"	5' 7" - 7' 7"	6' 7" -8' 7"
Stairway ladder size	3' 7" - 5' 7"	4' 7" - 6' 7"	5' 7" - 7' 7"	6' 7" - 8' 7"
Twin "A" frame ladder size	Inner section - 3' 4" Outer section - 3' 1"	Inner section - 4' 4" Outer section - 4' 1"	Inner section - 5' 4" Outer section - 5' 1"	Inner section - 5' 4" Outer section - 5' 1"
Max. weight	300lb	300lb	300lb	250 lb
Duty rating	CSA Grade 1 (300lbs capacity) / ANSI 1A (300 lbs capacity)*			
Projects	Construction & Industrial			
Load rating	Heavy			
Highest standing level				
Stepladder	11' 3/4" - 2' 10.5"	1' 11" - 4' 10.5"	2' 11" - 6' 8"	3' 9.3" - 8' 6"
Extension ladder	3' 10" - 7' 7.5"	5' 10" - 11' 7.75"	7' 10" - 15' 6.5"	9' 7.6" - 19' 2.3"
Max. working length	10' 11"	14' 11"	18' 11"	22' 10"
Total length of sections	13'	17'	21'	25'

* CSA Grade 1 is a Canadian Standard which allows maximum load of 300 lbs even if the ladder can withstand more. ANSI 1A (USA standard) allows maximum load of 300 lbs. The ladder actually can carry a weight up to 300 lbs but due to Canadian Standards the rating notes 300lbs.

Safety guidelines

This manual contains information that relates to PROTECTING PERSONAL SAFETY and PREVENTING EQUIPMENT PROBLEMS. It is very important to read this manual carefully and understand it thoroughly before using the product. The symbols listed below are used to indicate this information.



CAUTION!

Potential hazard that may result in injury or damage to equipment.

Note: The word “Note” is used to inform the reader of something the user needs to know about the tool.

SAFETY RECOMMENDATIONS

These precautions are intended for the personal safety of the user and others working with the user. Failure to follow these instructions may result in a injury, property damage and/or tool damage. Please take time to read and understand them.

Note: Before using the ladder, read all warning labels provided on the ladder carefully.



CAUTION!

Potential hazard that may result in injury or damage to equipment.

- Before using the ladder, check whether the self-locking hinges and spring-loaded locking pins are completely locked. If the red line on the centre hinge post is visible, the self-locking hinges are not locked completely. Failure to do so will result in injury or damage to equipment.
- Do not force the locking/unlocking operation of the self-locking hinges and spring-loaded locking pins using any other tools, as doing so may lead to permanent damage of the ladder locking mechanism.
- Do not attempt to lock or unlock the self-locking hinges and spring-loaded locking pins while standing on the ladder.

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SAFETY GUIDELINES



CAUTION!

Potential hazard that may result in injury or damage to equipment.

- Use protection equipment such as guard rails and toe boards on all open sides when the platform height is 3 m (10') or more and may be required at lower heights depending on the application and local jurisdiction.
- Never place anything on or under the ladder to increase the height of the ladder.
- Before using the ladder, check that all four ladder ends are firmly supported to prevent excessive movements.
- Never use the ladder if you are not in good physical condition.
- Do not use the ladder in front of unlocked doors.
- Use proper care when working on the ladder during windy conditions.
- Destroy the ladder if it is exposed to excessive heat such as in a house fire or corrosive agents like acids or alkalis. Failure to observe this warning may result in injury or damage to equipment.
- Never use the ladder with missing, worn or damaged parts. Inspect before each use.
- Use extreme caution when getting on or off the ladder. If possible, have someone to hold the ladder.
- When using the ladder as a stepladder or extension ladder, always face towards the ladder and maintain firm grip.
- Do not overload the ladder. Total weight of person, tools, and materials should not exceed the maximum weight of 250 - 300 lbs.
- Use the ladder only in the recommended positions. Failure to comply may result in injury or damage to the ladder.
- Risk of electric shock: Never use this ladder near electric source or electric wires, as metal conducts electricity. Failure to comply could result in loss of life.
- Never use the ladder as a brace.
- Always keep ladder clean of all foreign materials.

**CAUTION!**

Potential hazard that may result in injury or damage to equipment.

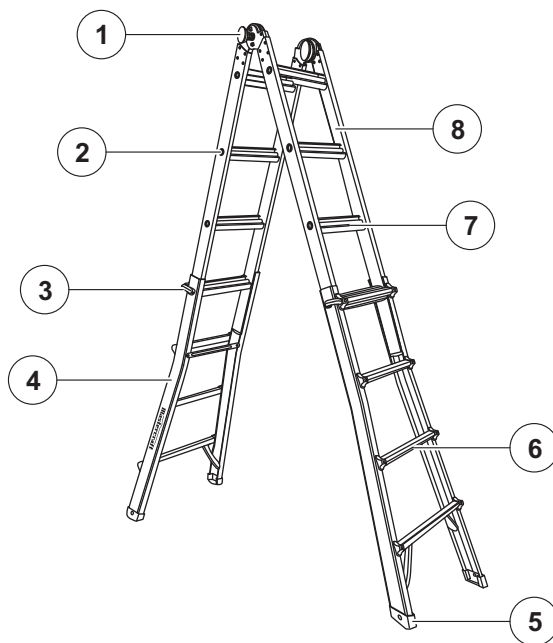
- **Do not overreach. Keep proper footing at all times in order to ensure correct balance.** Always keep belt buckle between the ladder side rails when climbing or working. You may lose your balance and/or tip ladder or scaffold.



Note: Recycle unwanted materials rather than disposing of them as waste. Sort the ladder and its components in specific categories and take to the local recycling centre or dispose of them in an environmentally safe way.

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KEY PARTS DIAGRAM



MC-385556-01

No.	Description	No.	Description
1	Self-locking hinges	5	End cap
2	Rung hole	6	Rung/step
3	Spring-loaded locking pins	7	Inner ladder section
4	Outer ladder section	8	Ladder side rail

Ladder configurations

The ladder has two self-locking hinges, located at either sides of the ladder, and two spring-loaded locking pins provided at the outer ladder sections. The hinges allow the ladder to be used in four configurations such as extension ladder, stepladder, stairway ladder and scaffold. The height of the ladder can be changed in all the configurations.

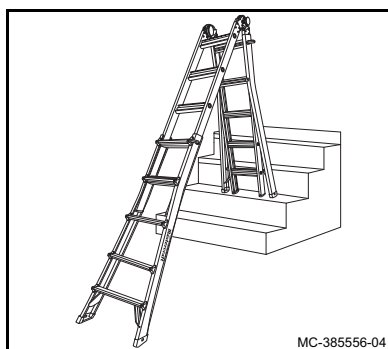
EXTENSION LADDER



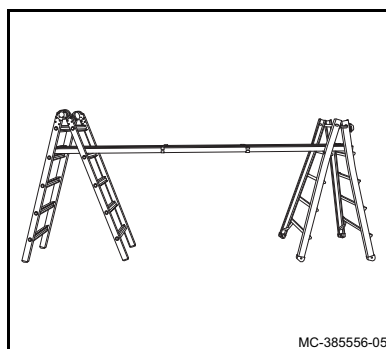
STEP LADDER



STAIRWAY LADDER



SCAFFOLD

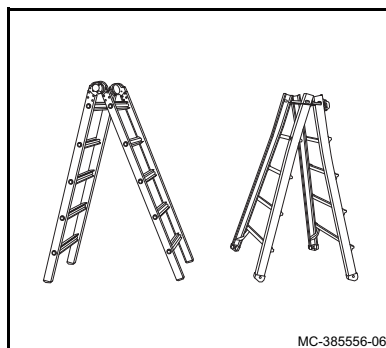


Note: The plank used in the scaffold mode is not included. The plank is required to set the ladder in scaffold configuration.

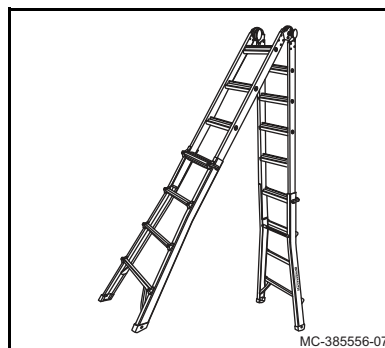
9

OPERATION MODES

TWIN "A" FRAMES



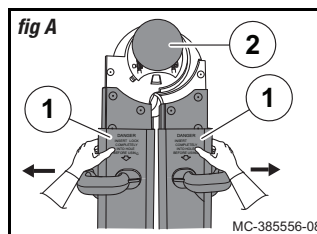
90 DEGREE LADDER



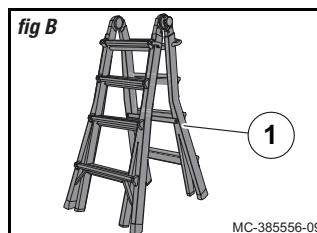
To change the ladder from storage position to intermediate position

1. Pull two ladder halves (1) apart until three hinge posts of the self-locking hinges (2) snap into place and securely lock (fig A).

Note: Avoid using excess pressure on the self-locking hinges which makes the palm button difficult to operate. To relieve the pressure on the hinges, move one half of the ladder until the hinge posts move freely in and out.

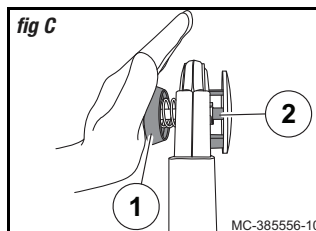


2. Now the ladder (1) is set in intermediate position (fig B).
3. To change the ladder to storage position, press two ladder halves together completely.



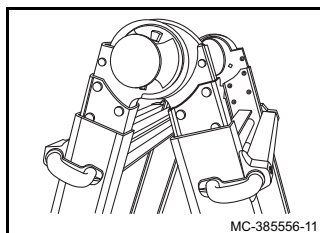
To unlock self-locking hinges

1. Push the palm buttons (1) of the self-locking hinges provided at either sides of the ladder with the palm of your hand until three hinge posts (2) are exposed out completely (*fig C*).

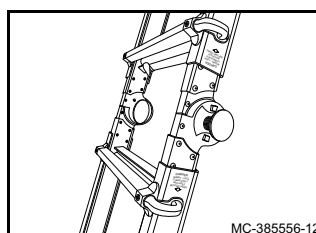


The hinges get automatically locked in intermediate and extended ladder positions.

Intermediate lock position of hinges



Extended lock position of hinges



Note: The palm buttons cannot be pulled manually to lock the hinges.



CAUTION!

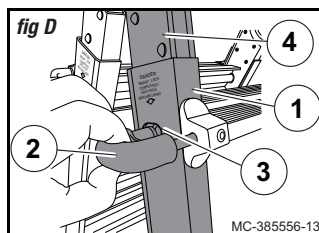
Potential hazard that may result in injury or damage to equipment.

- Keep all body parts away from rung and ladder side rails during adjustment.
- Before using the ladder, check whether the self-locking hinges and spring-loaded locking pins are completely locked. Failure to do so may result in injury or damage to equipment.
- Do not stand on or above the second rung from top of ladder.
- Do not adjust the outer ladder section or spring-loaded locking pins without secure hold of the inner ladder section.
- Never use ladder jacks on this ladder.

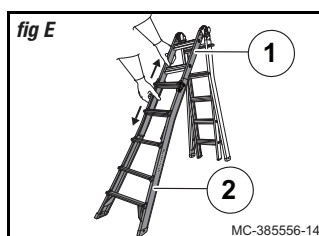
To adjust the height of the ladder

1. To unlock spring-loaded locking pins:

Hold the outer ladder section (1) with one hand. Use another hand to pull out the spring-loaded locking pins (2) from the rung hole (3) of the outer ladder section and ladder side rail (4). Then twist the spring-loaded locking pins to rest it on the outer ladder section (*fig D*).

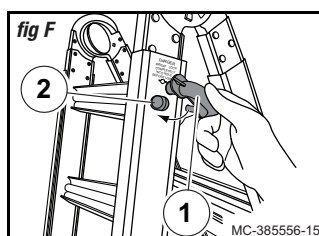


2. Now extend the ladder side rail (1) of the inner ladder section up or down to set desired height while holding the outer ladder section (2) (*fig E*).



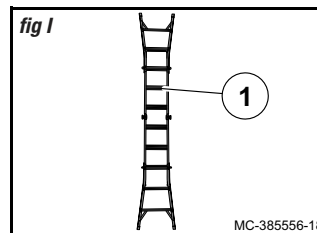
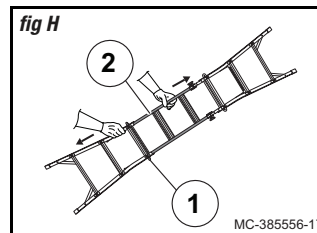
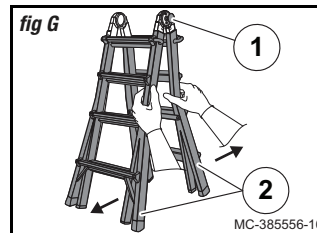
3. To lock the ladder in desired height:

After setting the ladder to desired height, firmly hold the inner ladder section with one hand. Then twist and align the spring-loaded locking pins (1) into the rung hole (2) of the outer ladder section and the ladder side rail until the spring-loaded locking pins is engaged completely (*fig F*).



Extension ladder

1. Set the ladder in intermediate position
 ➡ page 9, steps 1-2.
2. Unlock the self-locking hinges by pushing the palm button (1) fully inward. Pull two ladder halves (2) apart until the three hinge posts on the self-locking hinges snap into place and securely lock (*fig G*).
3. If more height is desired, unlock the spring-loaded locking pin (1) on one half of the ladder and extend the ladder side rail (2) to desired height. Securely lock the spring-loaded locking pin into the rung holes at the desired height (*fig H*) ➡ page 11, steps 1-3.
4. To increase the height of the ladder further, repeat the above step 3 on the other half of the ladder. Now the extension ladder (1) is set (*fig I*).
5. To change the extension ladder to intermediate position, follow the steps (1-4) in reverse order.



**CAUTION!**

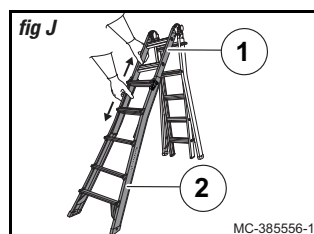
Potential hazard that may result in injury or damage to equipment.

- In extension ladder mode, climb only at front of the ladder.

Stepladder and 90 degree ladder

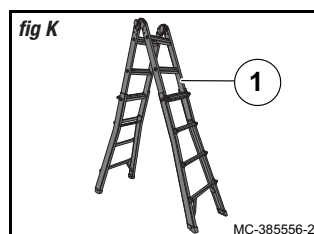
1. Set the ladder in intermediate position
 page 9, steps 1-2.

2. Unlock the spring-loaded locking pin (1) on one half of the ladder and extend the ladder side rail (2) to desired height. Securely lock the spring-loaded locking pin into the rung holes at the desired height (*fig J*)
 page 11, steps 1-3.



Note: Proceed to next step for setting stepladder, or proceed to step 5 for setting 90 degree ladder.

3. Repeat the above step to adjust the other half of the ladder to same height level. Now the stepladder (1) is set (*fig K*).
4. To change the stepladder to intermediate position, follow the steps 1-3 in reverse order.

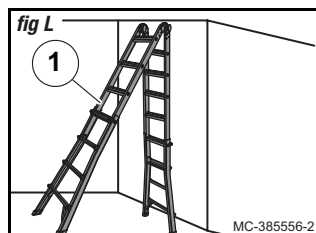


Note: In stepladder mode, the height of both halves of the ladder should be same.

90 degree ladder:

5. Repeat the step 2 to extend the other half of the ladder to full height. Now the ladder (1) is set in 90 degree position (*fig L*).
6. To change the ladder from 90 degree position to intermediate position, follow the steps 1-2 and 5 in reverse order.

Note: In 90 degree ladder mode, only one half of the ladder should be extended to full height.

**CAUTION!**

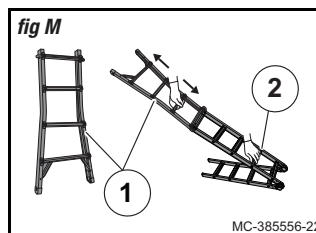
Potential hazard that may result in injury or damage to equipment.

- In order to use the ladder in 90 degree position, the ladder rail which is perpendicular to the ground must be placed flat against a wall to avoid risk of tipping over.

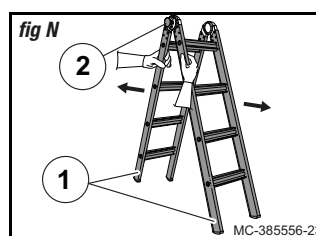
Twin "A" frame and scaffold configuration

1. Set the ladder in intermediate position
➡ page 9, steps 1-2.
2. Unlock the spring-loaded locking pins at either sides of the ladder
➡ page 10, step 1. Slide out the two outer sections (1) from the inner section (2) of the ladder (*fig M*).

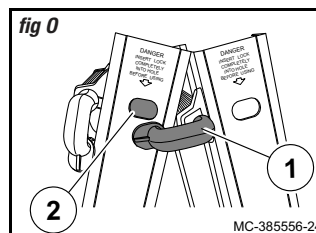
Note: Do not use the inner or outer ladder sections separately as a stepladder or extension ladder without a flared base. A ladder plank (not included) is required to set the ladder in scaffold configuration.



3. Pull two ladder halves (1) of the inner ladder section apart until the locking hinges (2) snap into place and securely lock. Now one of the trestle is assembled (*fig N*).

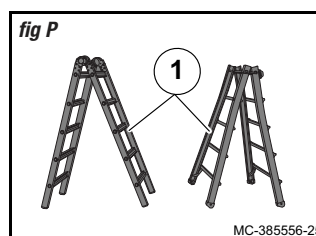


4. Hold the outer ladder sections in upright position. Tilt the outer ladder sections slightly and align them to desired angle. Reverse the position of one of the outer ladder sections. Now insert the spring-loaded locking pin (1) of one outer ladder section into the rung hole (2) of the other outer ladder section. Now another trestle is assembled (*fig O*).



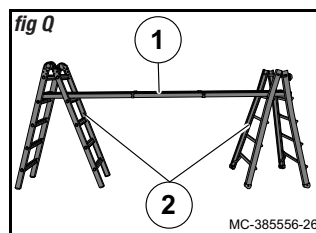
5. Now twin "A" frames (1) are set (*fig P*).

Note: The ladders can be used separately and independently as twin "A" frames.



Scaffold configuration:

6. Place an appropriate ladder plank (1) between the twin "A" frames (2) at the desired working height. Now the ladder is set in scaffold configuration (*fig Q*).



**CAUTION!**

Potential hazard that may result in injury or damage to equipment.

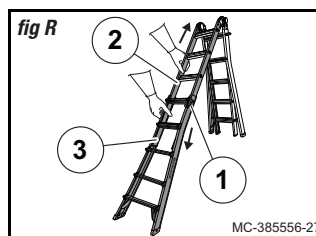
- Scaffold configuration must be used with the locking mechanisms only.

Stairway ladder

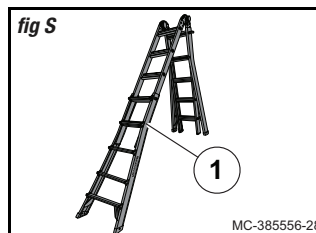
1. Set the ladder in intermediate position
 page 9, steps 1-2.

Note: Decide the height to be extended at one half of the ladder according to the staircase for proper alignment.

2. Unlock the spring-loaded locking pin (1) and extend the ladder side rail (2) to decided height while holding the outer ladder section (3) (*fig R*)
 page 11, steps 1-3.



3. Now the stairway ladder (1) is set (*fig S*).

**CAUTION!**

Potential hazard that may result in injury or damage to equipment.

- Never use the ladder in stairway if steps are not level, as doing so may cause imbalance while using the ladder.

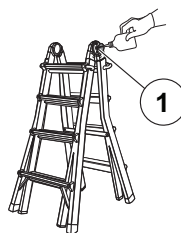
17

Maintenance

- Always keep the ladder clean of all foreign materials. Clean the ladder after each use.
- Check moving parts regularly.
- Check for missing, worn or damaged parts of the ladder. Inspect before each use.
- Never repair the damaged ladder by yourself.
- Destroy the ladder if exposed to excessive heat such as in house fire or corrosive agents like acids or alkalis.

Lubrication

- Apply oil on the moving parts such as hinges (1), regularly. Do not lubricate rungs or side rails.



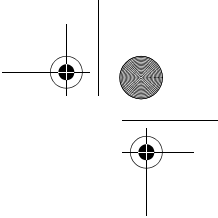
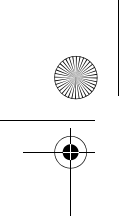
MC-385556-29

3-Year Limited Warranty

WARRANTY

These warranties are subject to the following conditions and limitations:

- a. a bill of sale verifying the purchase and purchase date must be provided;
- b. this warranty will not apply to any product or part thereof which is worn or broken or which has become inoperative due to abuse, misuse, accidental damage, neglect, or lack of proper installation, operation or maintenance (as outlined in the applicable owner's manual or operating instructions), or which is being used for industrial, professional, commercial or rental purposes;
- c. this warranty will not apply to normal wear and tear or to expendable parts or accessories that may be supplied with the product that are expected to become inoperative or unusable after a reasonable period of use;
- d. this warranty will not apply to routine maintenance and consumable items such as, but not limited to, fuel, lubricants, vacuum bags, blades, belts, sandpaper, bits, fluids, tune-ups, or adjustments;
- e. this warranty will not apply where damage is caused by repairs made or attempted by others (i.e., persons not authorized by the manufacturer);
- f. this warranty will not apply to any product that was sold to the original purchaser as a reconditioned or refurbished product (unless otherwise specified in writing);
- g. This warranty will not apply to any product or part thereof if any part from another manufacturer is installed therein or any repairs or alterations have been made or attempted by unauthorized persons;



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WARRANTY

- h. this warranty will not apply to normal deterioration of the exterior finish, such as, but not limited to, scratches, dents, paint chips, or to any corrosion or discolouring by heat, abrasive and chemical cleaners; and
- i. this warranty will not apply to component parts sold by and identified as the product of another company, which shall be covered under the product manufacturer's warranty, if any.

Additional Limitations

This warranty applies only to the original purchaser and may not be transferred. Neither the retailer nor the manufacturer shall be liable for any other expense, loss or damage, including, without limitation, any indirect, incidental, consequential or exemplary damages arising in connection with the sale, use or inability to use this product.

Notice to Consumer

This warranty gives you specific legal rights, and you may have other rights, which may vary from province to province. The provisions contained in this warranty are not intended to limit, modify, take away from, disclaim or exclude any statutory warranties set forth in any applicable provincial or federal legislation.

