

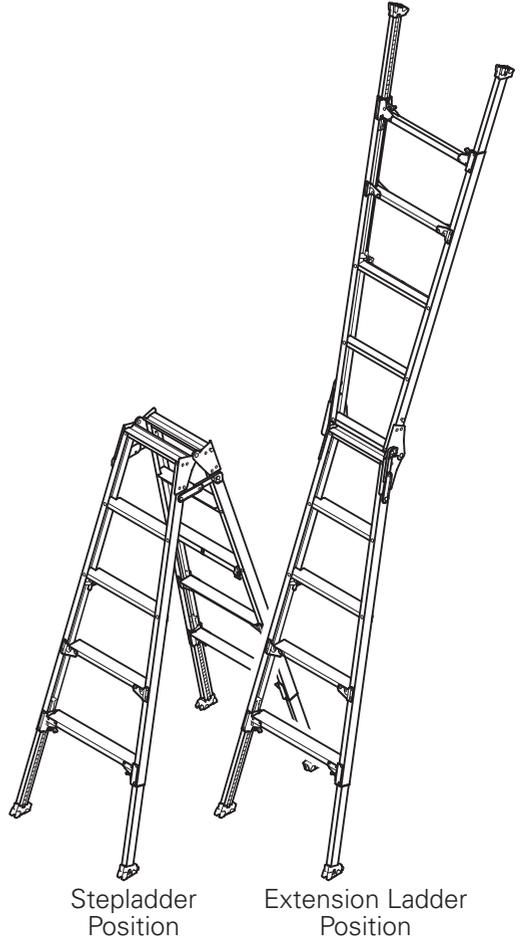
Standard Model
Adjustable Model
Top-control Adjustable Model

COMBINATION LADDER

Instruction Manual

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(Image: Top-control Adjustable Model)

Thank you for purchasing our product. This product is a Combination Ladder, with both Stepladder and Extension Ladder functions. When used as an Extension Ladder, use for access only. Follow all safety instructions in this manual. This manual contains usage instructions and safety precautions. Read this manual carefully before use. Keep this manual in a safe place for future reference. Check the package contents. If any parts are missing or damaged, please contact the retailer or our company.

- If you transfer or lend this product to a third party, always include this manual.
- For inquiries about this product, please contact the retailer or our company.

Parts of the Ladder

About the Labels

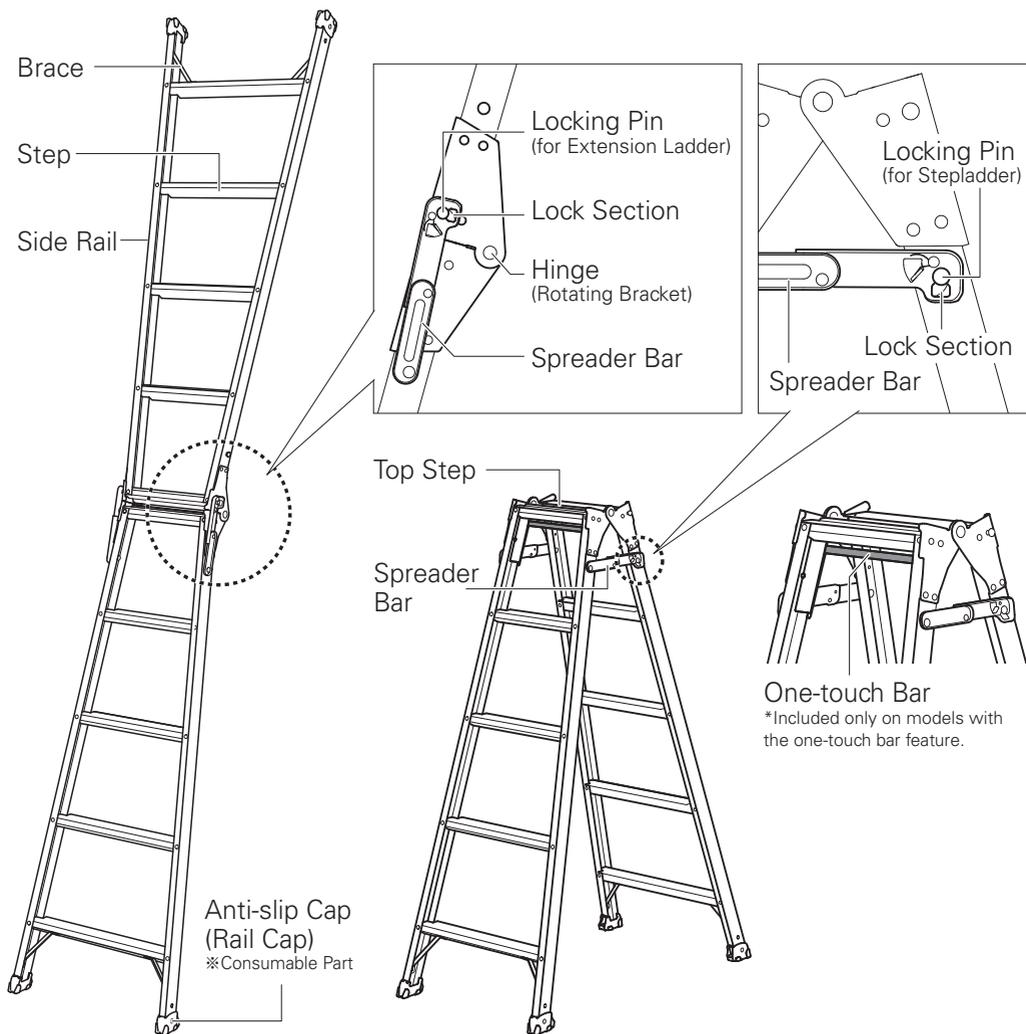
• Please note that label designs may change from those shown without prior notice.

The label number is printed on the bottom right of the label.

The "○" in the label number is a revision number and will vary by label.

Stepladder Position / Extension Ladder Position

※For Adjustable Models ⇒ See P.3 for the Adjustable Legs and control levers.



[Extension Ladder Position]

[Stepladder Position]

Parts of the Ladder

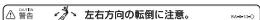
The Labels

※For Adjustable Models ⇒ See P.3 for the Adjustable Legs and control levers.

⚠ Danger Label
(Label Number:RA-B-11-○)



⚠ Danger Label
(Label Number:RA-B-13-○)

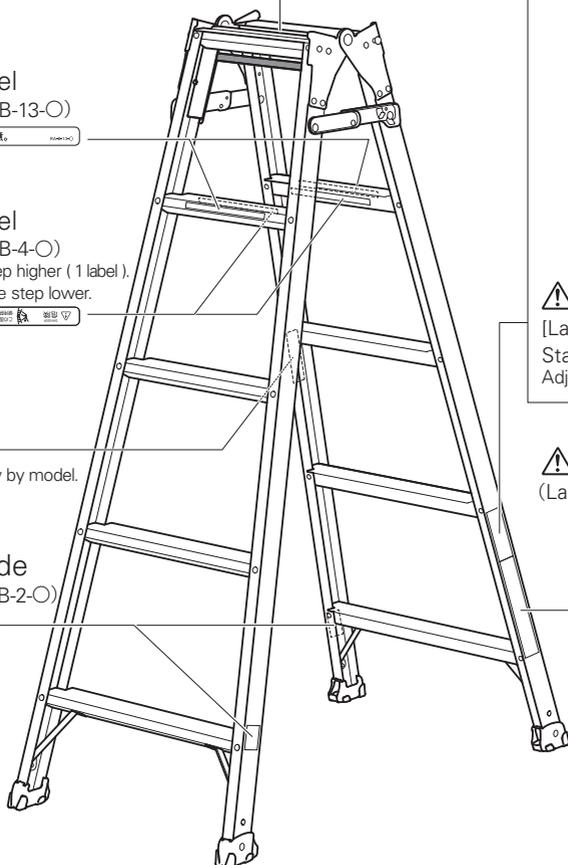


⚠ Danger Label
(Label Number:RA-B-4-○)
*Models 09-15 : One step higher (1 label).
*Models 21 and up : One step lower.



Spec Label
*Label position may vary by model.

75° Angle Guide
(Label Number:RA-B-2-○)



Standard Model	Adjustable Model

⚠ Danger / Warning Label
(Label Number)
Standard Model:RA-B-3-○
Adjustable Model : HB-18-○

⚠ Usage Instruction Label
(Label Number:HB-16-○)



Safety Precautions

Read these Safety Precautions carefully before use.
Follow these instructions to prevent injury or property damage.
The manufacturer is not responsible for accidents resulting from improper use or failure to follow these instructions.

Hazard levels are defined as follows:

 **DANGER** Indicates a hazardous situation which, if not avoided, will result in death or serious injury.

 **WARNING** Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

 **CAUTION** Indicates a hazardous situation which, if not avoided, may result in minor or moderate injury or property damage.

Symbol Definitions:



This mark indicates what you **MUST** do.



This mark indicates what you **MUST NOT** do.



Applies to both Stepladder & Extension Ladder positions.

< About the Pictograms >

The following pictograms are used to quickly convey warnings:



Risk of electric shock.



Risk of falling if using the back of the ladder.



Risk of falling if Spreader Bars are not locked.



Risk of pinching hand when operating.



Risk of falling from loss of balance.



Risk of tipping sideways from loss of balance.



Risk of fall or damage if unlocked Adjustable Leg retracts.

Safety Precautions

DANGER

ALL   Be aware of power lines, people, and objects when setting up or carrying.
Risk of electric shock or property damage.

  Never use the back of the ladder.
Risk of falls and tip-overs.

 Set Extension Ladder at a 75° angle.
Risk of falls and tip-overs.

  Never stand, straddle, or sit on the Top Step.
Risk of falls and tip-overs.

ALL  Do not attach fall arrest systems to this product.
A fall could cause the ladder to tip over or break.

ALL  Do not overreach outside the Side Rails.
Risk of falls and tip-overs.

WARNING

ALL  Use only as a Stepladder or Extension Ladder.
Risk of injury or property damage.

ALL  Do not exceed maximum load capacity on Spec Label.
Risk of falls, tip-overs, or product deformation.

ALL  Do not modify or disassemble.
Product failure can cause falls and tip-overs.

ALL  Do not allow use by children or anyone unable to understand instructions.
Risk of injury or property damage.

ALL  Do not leave unattended where children can access.
Risk of falls and tip-overs.

ALL  Always inspect for any damage before use.
Risk of injury or property damage.

ALL  Do not use if damaged or deformed.
Risk of injury or property damage.

ALL  Never more than one person at a time.
Risk of falls and tip-overs.

Safety Precautions

WARNING

ALL



Do not jump onto or off of the ladder.
Risk of injury or property damage.

ALL



Inspect ladder feet and step when climbing.
Risk of falls and tip-overs.

ALL



Always face the ladder and use both hands.
Risk of falls and tip-overs.

ALL



Beware of pinch points when opening and closing.
Risk of injury.

ALL



Do not place on boxes or unstable bases to gain height.
Risk of falls and tip-overs.

ALL



Do not use if impaired or unwell.
Loss of balance can cause falls and tip-overs.

CAUTION

ALL



Do not use if labels are missing or illegible.
Risk of injury or property damage.

ALL



Always provide this manual if lending the ladder to others.

ALL



Do not overtighten straps during transport.
Risk of deformation or damage.

ALL



Do not handle roughly (slam, drag, or throw).
Risk of deformation or damage.

How to Use

Proper Attire

⚠ CAUTION

ALL  Wear appropriate clothing for ladder work.
Risk of injury or property damage.

ALL  Do not carry loads that can affect your balance.
Risk of falls and tip-overs.



How to Use

Setup Location Precautions

WARNING

ALL  Do not use the ladder on an uneven or unstable surface.
Risk of falls and tip-overs.

ALL  Do not use in areas with vibration.
Risk of falls and tip-overs.

ALL  Do not set up near hazards or obstacles.
Risk of falls, tip-overs, or property damage.

ALL  Do not use near doorways to avoid collisions.
Risk of falls and tip-overs.

ALL  Do not use or leave in strong wind or rain.
Risk of falls, tip-overs, or property damage.

 When using as an Extension Ladder, ensure the surface supports the load.
Risk of falls, tip-overs, or property damage.

ALL  Do not use on slippery surfaces.
Risk of falls and tip-overs.

ALL  Never use when folded. Risk of falls, tip-overs, or property damage.

ALL  If the product is damaged, stop use immediately.
Do not attempt repairs. Risk of falls and tip-overs.

ALL  Keep Steps clean from slippery substances (oil, mud, snow, etc.).
Risk of injury or property damage.

CAUTION

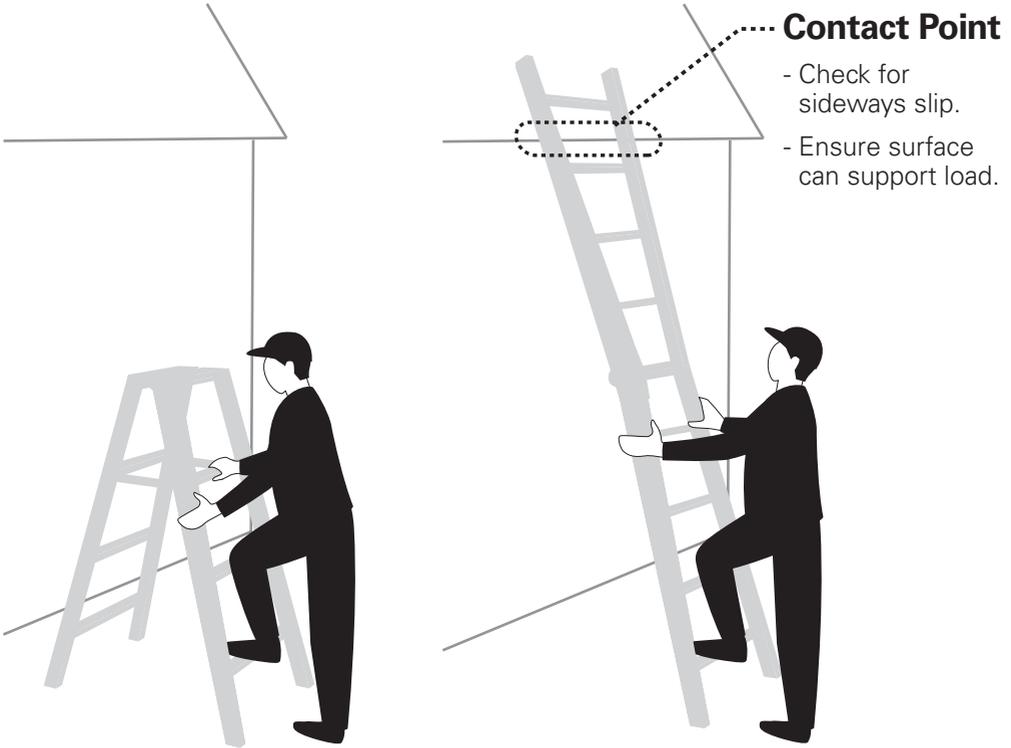
 Always use two people to set up and remove the Extension Ladder.
Risk of injury or property damage.

How to Use

Setup Location Checkpoints

※Always inspect the ladder before setup.

See P.19, "Pre-use Inspection".



Set up in a location that is:

- Flat and stable
- Non-slip
- Firm ground where it will not become buried
- Well-lit
- Clear of hazards
- Sufficient clearance for work
- Dry
- Protected from wind

***After setup, ensure ladder is stable and Spreader Bars are locked.**

***If unstable, move to a safe location.**

How to Use

Stepladder Mode

Precautions

⚠ WARNING

- ⊘ Never use planks on Steps to create a scaffold.
Risk of falls, tip-overs, or property damage.
- ⊘ Do not push or pull objects from the ladder.
Risk of falls and tip-overs.

Stepladder Mode

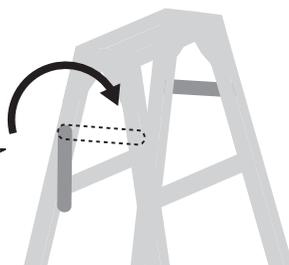
Setting up as a Stepladder

1. Hold the Steps and open the ladder as shown in diagram (1.)
2. Engage the Spreader Bars onto the Locking Pins for the Stepladder, as shown in diagram (2.)
3. Push down firmly on center of the Spreader Bars to set them, as shown in diagram (3.)

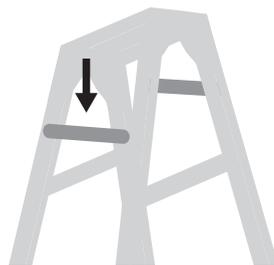
1.



2.

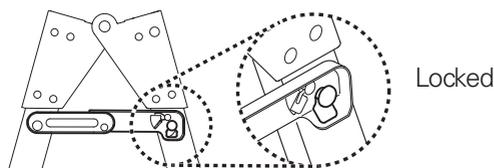
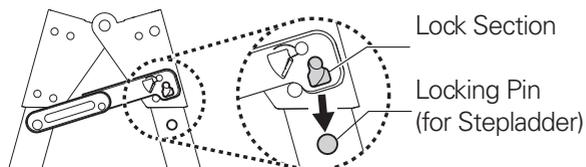


3.



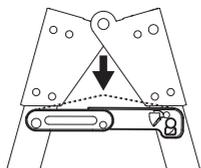
Locking the Spreader Bars

Engage the pin into the Lock Section.



Setting the Spreader Bars

Press down here.



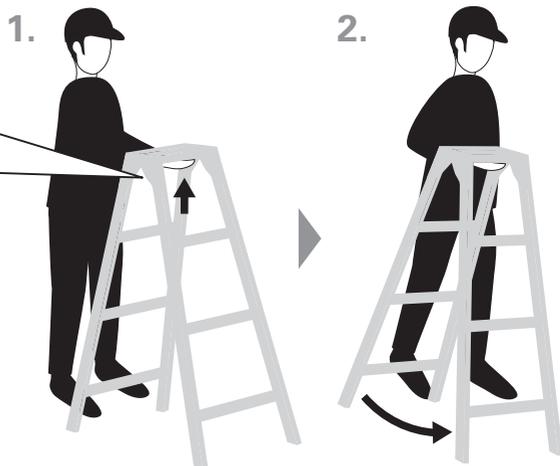
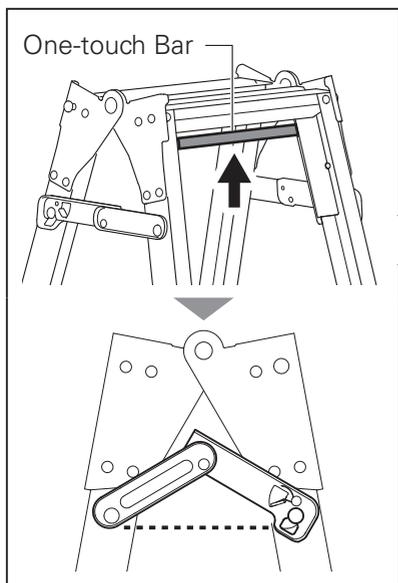
How to Use

Stepladder Mode

Folding the Stepladder

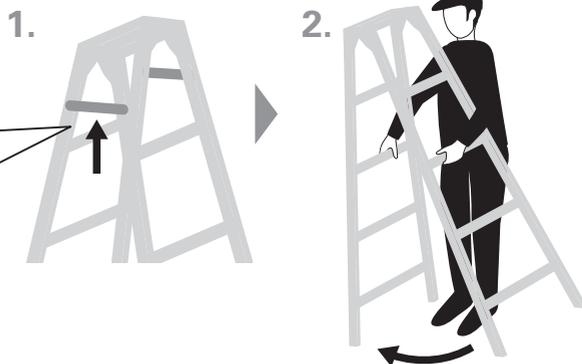
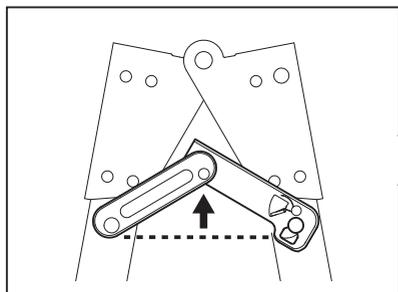
[For Models with a One-touch Bar]

1. Push up the One-touch Bar to unlock the Spreader Bars.
2. Lift one side and fold the ladder.



[For Standard Models]

1. Lift the center of the Spreader Bars to unlock them.
2. Hold the Steps and carefully fold the ladder.



How to Use

Stepladder Mode

Climbing, Descending, and Working

⚠ DANGER



Do not step on Steps marked "Do not step here".
Risk of falls, tip-overs, or property damage.



*"Do not step here" label.



Before climbing, ensure Spreader Bars are locked.
Risk of falls, tip-overs, or property damage.



Beware of sideways tipping, as the ladder is most vulnerable in this direction.
Risk of falls and tip-overs.



Do not step or put weight on the Spreader Bars.
Risk of falls, tip-overs, or property damage.

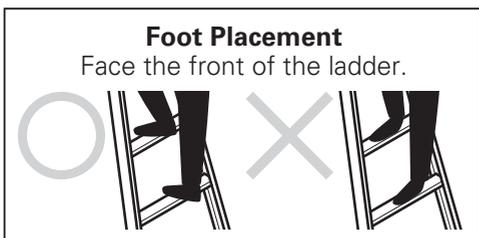
***Before climbing, check your attire and the setup location.**

⇒P.7 "Proper Attire"

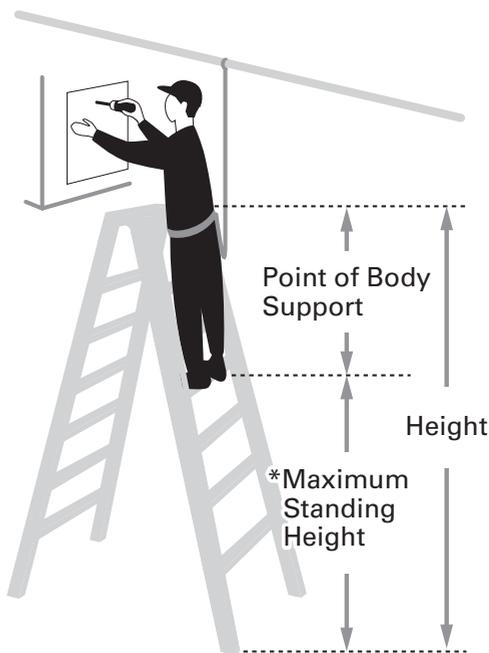
⇒P.8 "Setup Location: Precautions"

⇒P.9 "Setup Location: Checkpoints"

- Face the Stepladder and use both hands to climb one step at a time.
- When working, stand on a Step and lean against the ladder for stability.
- Always get off the ladder to move it.
- Place feet as shown in the diagram below.



For work above 2m (approx. 6.5 ft),
wear a helmet and safety harness.



*Maximum Standing Height:
The highest step you are permitted to stand on.

How to Use

Extension Ladder Mode

Precautions

WARNING



When using as an Extension Ladder, an assistant must always support the ladder.
Risk of falls and tip-overs.



Do not push or pull objects from the ladder.
Risk of falls and tip-overs.



When leaned against a wall, do not stand on the top three Steps.
Your body will be unstable. Risk of falls and tip-overs.



Do not lean the top of the ladder against beams or protruding walls.
Risk of falls and tip-overs.



Prevent the ladder from shifting when moving onto or off a roof.
Risk of falls, tip-overs, or property damage.



Do not put weight on any part of the ladder above the top contact point.
Risk of falls and tip-overs.



Do not move the ladder while on a roof.
Risk of falls and tip-overs.

How to Use

Extension Ladder Mode

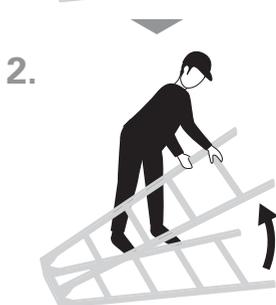
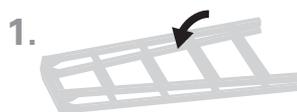
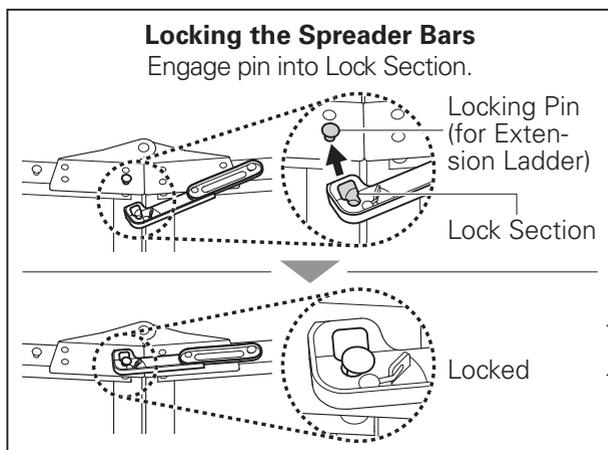
Setup and Folding

⚠ CAUTION

- ⊘ When ladder is on its side, do not apply pressure from above.
Risk of damage or deformation.

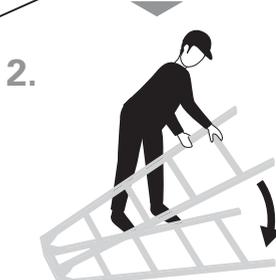
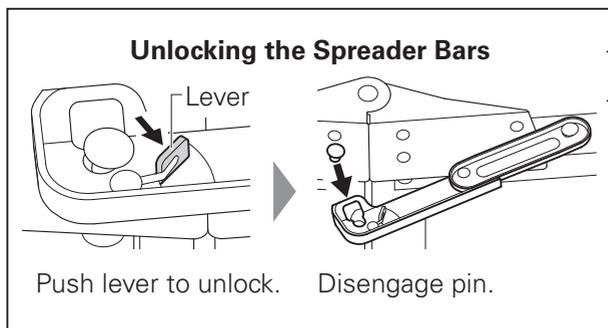
[Converting to an Extension Ladder]

1. Lay the folded ladder on the floor.
2. Hold the upper section and open it completely.
3. Turn the ladder on its side and engage the Spreader Bars onto the Locking Pins.



[Folding from an Extension Ladder]

1. Turn the ladder on its side and unlock the Spreader Bars.
2. Fold the ladder as shown.



How to Use

Extension Ladder Mode

Raising and Lowering

※Before setup, check your attire and the location.

⇒P.7 "Proper Attire"

⇒P.8 "Setup Location: Precautions"

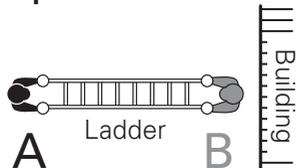
⇒P.9 "Setup Location: Checkpoints"

⚠ CAUTION



Always use two people to set up and take down the ladder.
Risk of property damage.

<Top-down View>



Back of ladder

Ensure this side is invisible from an user when using.



*This "DANGER" label" is on the back side.

A
Raise/lower,
changing
hand
positions on
Steps.



Hold down base with one foot.

<Raising the Ladder>

1. Position the ladder and operators as shown.
2. Operator B holds the base down with a foot. Operator A raises the ladder until it is vertical.

<Lowering the Ladder>

1. Operators face each other. Operator B holds the base down with a foot.
2. Operator A lowers the ladder.

How to Use

Extension Ladder Mode

Leaning the Ladder

1. Lean the ladder with the front side facing you.

*The back is marked with a "Do not use" label.



**"Do not use" label.

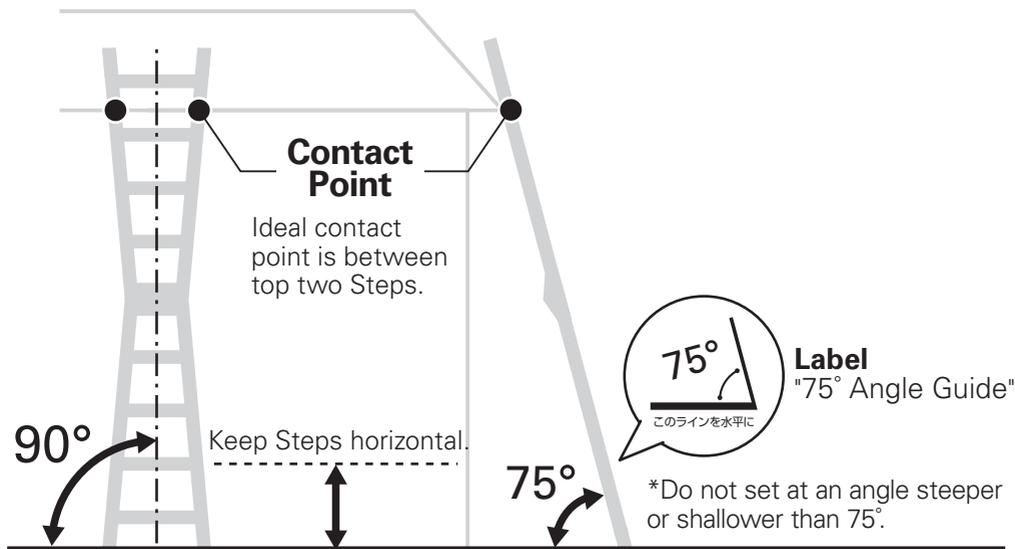
2. Set the ladder at a 75° angle.

*Guideline: Align the "75° Angle Guide" label to be horizontal.

3. Ensure the Steps are horizontal (not tilted sideways).

4. When leaning against a roof or similar surface, the ideal contact point is between the top two Steps.

If the ladder extends further, the assistant must hold it securely.



⚠ WARNING

- ⊘ When leaned against a wall, do not stand on the top three Steps.
Risk of falls and tip-overs.

⚠ CAUTION

- ⊘ Always use two people to set up and remove the ladder.
Risk of property damage.

How to Use

Extension Ladder Mode

Climbing and Descending

⚠ WARNING



Before climbing, ensure Spreader Bars are locked.
Risk of falls, tip-overs, or property damage.



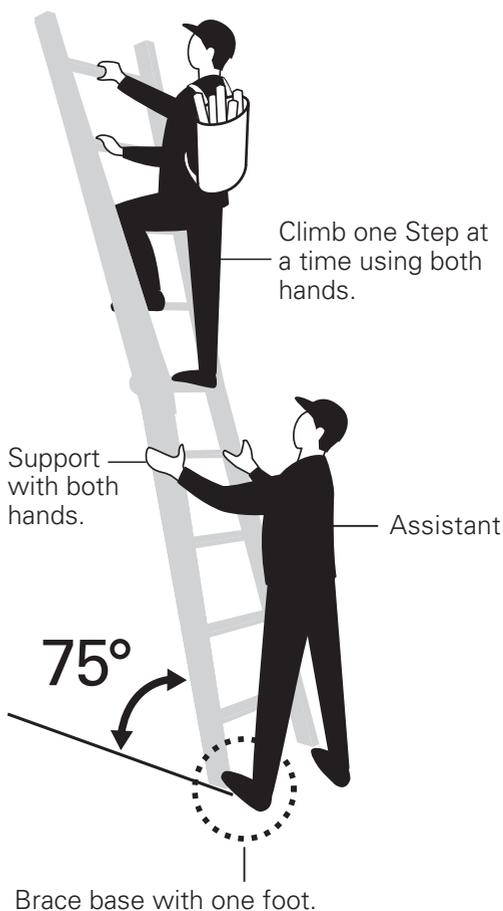
Beware of sideways tipping, as the ladder is most vulnerable in this direction.
Risk of falls and tip-overs.

- Face the ladder and use both hands to climb one step at a time.
- When descending, use every Step and do not jump off.
- Ensure you are on the front side (not marked with a "Do not use" DANGER label).



*"Do not use" label.

- The assistant must hold the ladder steady when you are getting on or off a roof.
- The assistant must brace the base with a foot and hold the ladder with both hands.



How to Use

How to Use the Adjustable Legs (For Adjustable Models only)

⚠ WARNING



Adjust the legs to keep the Steps level.
Risk of falls and tip-overs."



Do not handle adjustable section roughly.
Risk of injury or property damage.



Ensure all Adjustable Legs are locked.
Risk of falls and tip-overs.

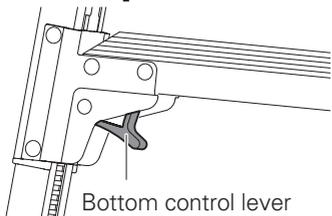


Beware of pinch points in moving parts.
Risk of injury.

[How to Adjust]

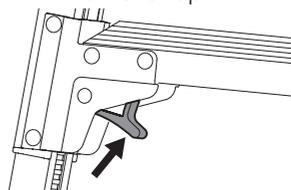
1. Lift the ladder slightly to raise the feet off the ground.
2. While holding the lock release, adjust the length of the Adjustable Leg.
3. Release the lever to lock the leg in place.

[Bottom Control]

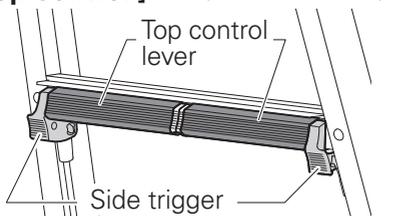


Unlock

Pull lever up.

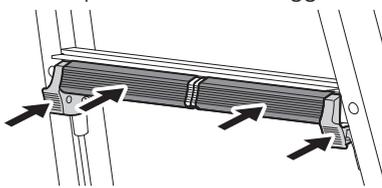


[Top Control] *On top-control models only.



Unlock

Squeeze lever and trigger.



Side trigger

Operate from front

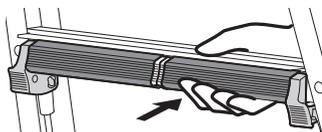


Top control lever

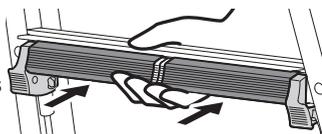
Operate from side



One side



Both sides



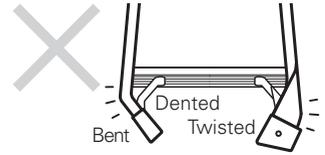
Squeeze center of lever to adjust both legs at once.

Pre-use Inspection

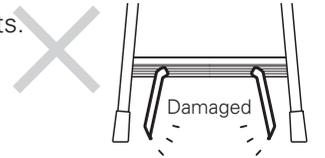
Checklist Item

*If any of the following issues are found, stop use immediately and contact us.

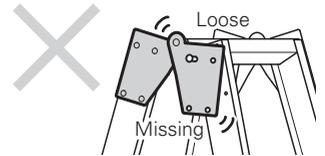
Bent, twisted, or dented Side Rails or Steps.



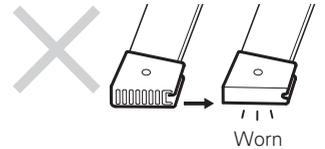
Damaged, loose, deformed, worn, or severely corroded parts.



Loose or missing rivets, screws, or pins.



Loose or worn Anti-slip Caps.



Wobbling or rattling of any part.



WARNING



If the product is damaged, never attempt to repair it yourself. Improper repairs can lead to product failure and serious accidents.

If any issues are found, see P.21 "Troubleshooting".

Maintenance and Storage

Maintenance Instructions

⚠ CAUTION



Do not leave cleaners or detergents on the ladder.
Risk of corrosion.

Mud, dirty water, cement, lime, and seawater are very damaging.
Always keep the ladder clean.

< Removing Dirt >

- Wipe off dirt with a damp cloth.
- For heavy dirt, wash with water, then wipe dry.
- After using cleaners for oily stains, wipe away all residue.

< Removing Debris from Hinges >

- If the ladder does not open / close smoothly, check for and remove any debris from the Hinges.

Storage Instructions

For safe future use, clean the ladder thoroughly before storage.
To prevent accidents or damage, store as follows:

- Store indoors, away from rain and direct sunlight.
- Store in a cool location.
- If the ladder is wet, dry it completely before storing.

⚠ CAUTION



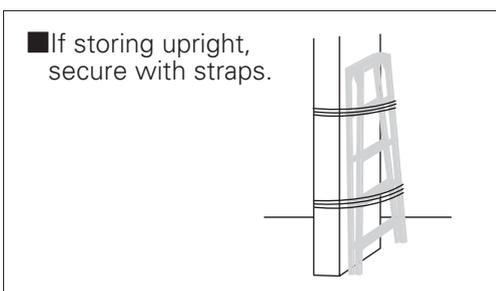
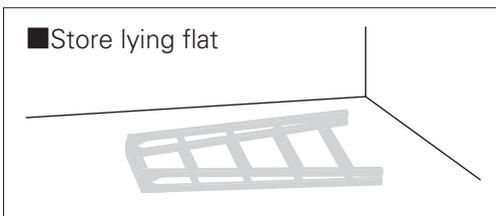
Do not place objects on the ladder.
Risk of deformation.



Do not leave the ladder outdoors.
Risk of deterioration or corrosion.



Do not store near chemicals,
cement, or lime.
Chemical reactions may cause
corrosion.



Troubleshooting

Troubleshooting		
Symptom	What to Check	Solution
The ladder wobbles.	Is the ladder on a flat, stable surface?	Move to a flat, stable surface.
	Are the joints between the Side Rails and Steps loose or wobbly? -----	If any issues are found, stop use and contact us.
	Are the joints between the Side Rails and Hinges loose or wobbly? -----	
	Is the ladder bent or twisted overall? -----	
Are there any bends, dents, or deformations on the Side Rails or Steps?		
	Are the Anti-slip Caps loose, missing, or worn?	Replace the Anti-slip Caps. Contact us for replacements.
Does not open/close smoothly. Spreader Bars will not lock securely.	Is there any debris lodged in the Hinges?	Remove any debris.
	Are the Spreader Bars deformed? -----	If any issues are found, stop use and contact us.
	Is the Lock Section damaged, deformed, or rusted? -----	
	Are the Locking Pins damaged, deformed, or missing? -----	
Are the Side Rails or Hinges deformed?		
	Are the Hinges rusted?	If rusted, lubricate the moving parts. If heavily rusted, stop use and contact us.

Troubleshooting

Troubleshooting		
Symptom	What to Check	Solution
Side Rails are misaligned when folded.	Are the Hinges deformed? ----- Are the rivets on the Hinges loose or missing?	If any issues are found, stop use and contact us.
[For Adjustable Models] - Adjustable Leg will not lock securely.	Are the Adjustable Leg or locking mechanism damaged, deformed, or rusted?	If any issues are found, stop use and contact us.
- Adjustable Leg does not slide smoothly.	Is there any debris (mud, cement, paint, etc.) on or in the Adjustable Leg or locking mechanism?	Remove any debris. If it cannot be removed, stop use and contact us.

Other Information

Disposal

Dispose of this product in accordance with your local laws and regulations.

Contact for Repairs

For any issues with this product or for replacement parts, please contact us. Contact information is listed on the back cover of this manual.

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