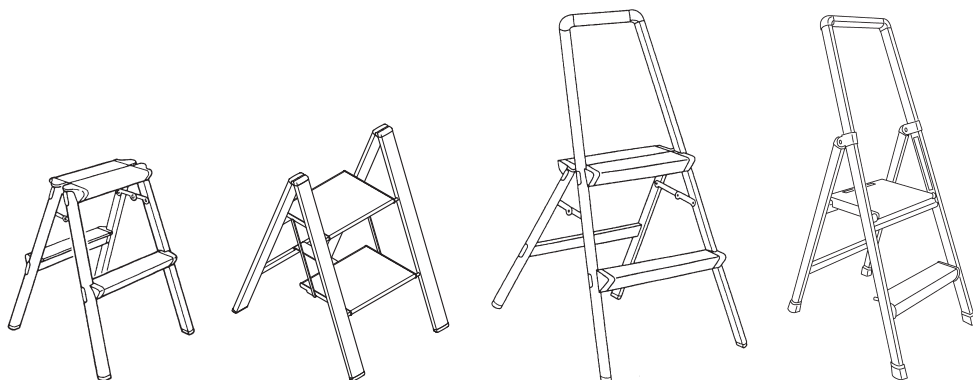


Step stool

【Operation Manual】



About markings

Instructions with  marks in this user manual and/or on the product labels are essentially important for your safety. Always follow the instructions.

Danger

This marking indicates a high risk of fatal or serious accident if you do not follow the instruction.

Warning

This marking indicates a risk of fatal or serious accident if you do not follow the instruction.

Caution

This marking indicates a risk of injury or breakage of the product if you do not follow the instruction.

※ Do not use the product if it is broken due to the risk of injury.



Prohibition

This marking indicates things you should not do.



Compulsory

This marking indicates instructions which must be followed.

Pictorial markings are used for warning labels to make warning instructions understandable at a glance.



Electrical hazard

It indicates a risk of getting electric shock by contacting a power supply line when carrying/moving/installing the stepstool.



Be cautious not to get your fingers caught in moving/rotating part.

It warns a risk of getting your fingers caught in moving/rotating part when opening/closing the stepstool.



Do not stand on your toes on the top step

It warns that by standing on your toes on the top step, you may lose balance and fall out.



Be cautious not to topple over in side ways

It indicates a risk of losing balance when you over-reach sideways.

Instructions you should always follow for your own safety

Not respecting the instructions described below may lead to fatal/serious accident or the product breakage.

1. When using

Warning

Do not use the product except as a stepstool.



Prohibition

This product is a “stepstool”, designed to be used as a platform for working at high position. It may induce serious accident by the ladder toppling over or you falling out when misused or used for unintended purpose.

Warning



Compulsory

The stepstool must be used at or below the maximum working load limits specified on the label on the unit.

Do not use the stepstool when total weight of the user and the goods exceed the maximum working load. Keep the size and the weight of goods decent to keep the balance.

Warning

Do not alter or remodel the stepstool.



Prohibition

Altering or remodeling of the ladder may lead to serious accident.

Warning



Prohibition

Do not allow children and others who are incapable of understanding the user manual and/or warning labels to use this product.

The user manual and warning labels on the product describes important matters for safe use. Serious accident may be induced when the stepstool is used by persons incapable of understanding the user manual and/or warning labels.

Caution



Prohibition

Do not use the stepstool when;

- you are tired,
 - you have taken medicine or had alcohol,
 - you are ill or pregnant,
 - you feel physically abnormal
- You may fail to keep your balance.

Caution



Compulsory

Use wearing the appropriate clothing

Do not use the stepstool wearing a long skirt, apron, scarf or clothing that may get caught in the product, or that you are likely to step on while climbing/descending or working.

Caution



Compulsory

Do not wear slippery footwear such as slippers or nylon socks/hosiery.

It increases the risk of slipping and falling.

Instructions you should always follow for your own safety

Caution

When lending the stepstool to someone, lend this user manual as well.

Ensure that they understand what is being instructed in this user manual as it describes matters essential for their safety.



Compulsory

2. Before use

Warning

Always check for any abnormality following the “Prior-to-Use Check (refer to page 25)”.

Never use the stepstool when any abnormality is found. It may lead to serious accident.



Compulsory

Warning

Never use deformed product

The stepstool is made of aluminum. Aluminum significantly loses its strength once it is twisted restraightened. The mended product which has once been deformed may readily crack or bend, and may cause serious accident.



Prohibition

3. When carrying

Caution

Do not drag, throw, or handle in any other rough way when carrying the stepstool.



Prohibition

Handling the product roughly will cause deformation, dent and/or damage.

4. Where to install

Danger

Be cautious not to contact distribution lines or power cords when installing or carrying.



Compulsory



The stepstool is electrically conductive and may induce serious accident by electrical shock.

Warning

Do not install the stepstool in slippery area.



Prohibition

The ladder may topple over, or you may fall out when it is installed on;

- slippery surface such as vinyl floor, tiles, or steel plate,
- wet surface,
- snow-covered or frozen surface,
- surface covered with sand, dust, or fallen leaves, which makes it slippery,
- any other slippery surfaces.

Warning

Do not install the stepstool where it will be unstable.



Prohibition

The stepstool may tilt and may topple over, or you may fall out of the ladder when it is installed;

- on thick carpet or soft ground,
- on unstable or surface uneven,
- where the stepstool does not stand solidly,
- on tilted ground, floor or roof,

Instructions you should always follow for your own safety

Warning



Prohibition

Do not install the stepstool in rain or where the strong wind blows.

You may lose balance and fall out of the stepstool, or the stepstool may topple over with slippery step or blown by strong wind.

Warning



Prohibition

Do not install the stepstool in dim light where you cannot see your step or surroundings clearly.

The stepstool may topple over, or you may fall out of the ladder by taking false step or failing to detect dangerous items in your surrounding.

Warning



Prohibition

Do not install the stepstool in door way or in front of a door.

The stepstool may be toppled by the person coming in/going out of the door way or by the door being opened, and you may fall out of the ladder.

Caution



Prohibition

Do not install the stepstool near dangerous items, or where there is an obstacle overhead.

The stepstool may topple over, or you may fall out of the ladder

5. When opening/closing the stepstool

Warning



Compulsory

Be sure to fully open the stepstool and lock the spreader braces (spreader locking components).

If the spreader braces (spreader locking components) are not locked completely, the rails may slide open/close, and the ladder may topple over, or you may fall out of the ladder.

Warning



Compulsory

Be cautious not get your fingers caught in the moving/rotating part when opening/closing the stepstool.

You may get injured.



6. When installing

Warning



Prohibition

Do not try to increase the height of the stepstool by connecting pipes or rods to its rails, or by installing it on a mounting or a box.

The stepstool height may not be modified.

Instructions you should always follow for your own safety

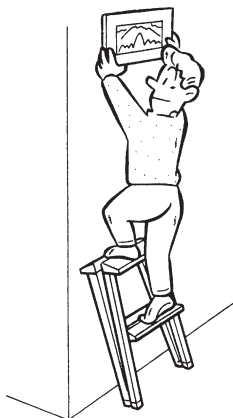
Warning

Do not set the closed stepstool against a wall, or use it horizontally.



Prohibition

The ladder will be unstable, and you may lose balance and fall out of the ladder, or the ladder may topple over.



7. When climbing/descending or working on the stepstool

Danger

Do not stand on the edge of, or stand on your toes or on one foot on the top step.



Prohibition

You may lose balance and fall out of the stepstool, or the ladder may topple over. When standing on the top step, position yourself in the center of the plate.



Warning

Do not over-reach from the stepstool.



Prohibition

You may lose your balance by reaching out from the stepstool, and fall out of the ladder, or the ladder may topple over.



Warning

Do not move on the top step.



Prohibition

You may lose balance by moving your position on the top step, and fall out of the stepstool, or the ladder may topple over.

Warning

Do not forcibly pull/push items or wall while on the stepstool.



Prohibition

Forcible pulling/pushing generates back action which will make the stepstool unstable, causing the ladder to topple over, or you to fall out of the ladder.



Instructions you should always follow for your own safety

Warning

Only allow single person to be on the stepstool.



Prohibition

The stepstool will become unstable and may topple over, or you may fall out of the ladder.

Warning

Do not carry items which may make you unstable while climbing/descending the stepstool.



Prohibition

You may lose balance and fall out of the stepstool, or the ladder may topple over. When you are to carry such item, have some one else to hand it to you.

Warning

Do not climb/descend the stepstool with your back towards it.



Prohibition

You may be unstable and fall out of the stepstool, or the ladder may topple over.



Warning

Do not lean / stand on the handrail.



Prohibition

The handrail is designed to hold onto for balance. Do not overreach; move stepstool when needed.



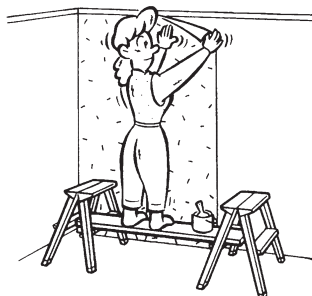
Warning

Do not bridge over two stepstools and use it as a working platform.



Prohibition

Steps may be damaged or the ladder may become unstable, causing you to fall out of the stepstool, or the ladder to topple over.



Caution

Take caution when climbing/descending the stepstool, and do not jump on/off from it.



Prohibition

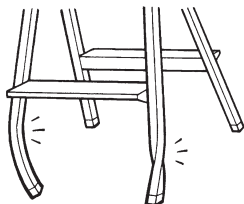
It may lead to injury accident. Take your time and carefully watch your step, using the bottom step also when climbing/descending the stepstool.

Prior-to-Use Check

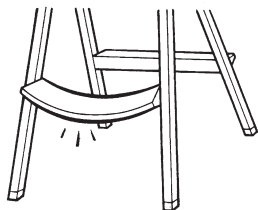
Before using the stepstool, check the following and confirm that no abnormality is detected. If any abnormality is detected, take appropriate measures before using, if it is practicable.

1. Check visually for;

- (1) any grease, oil, mud, snow, paint or any slippery matter on the top step or steps. If any, wipe it off thoroughly (refer to page 29).
- (2) any bend, warp, or dent in the rail. If any, never use and discard the stepstool.



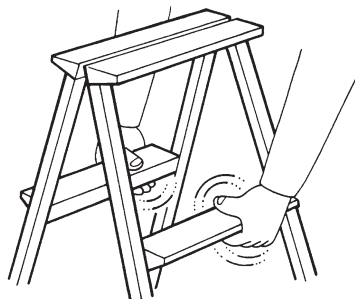
- (3) bent or warped step. If any, never use and discard the stepstool.



- (4) any crack and/or conspicuous corrosion in the joints of each part, or any fittings being damaged, lost, deformed, worn out, or conspicuously corroded. If any, never use and discard the stepstool.
- (5) any loose or lost rivets, screws, or pins. If any, never use and discard the stepstool.
- (6) any lost or worn out antiskid caps (attachment on the edge of rail). If any, never use and discard the stepstool. Always contact us for a new antiskid cap (attachment on the edge of rail) and replace it.

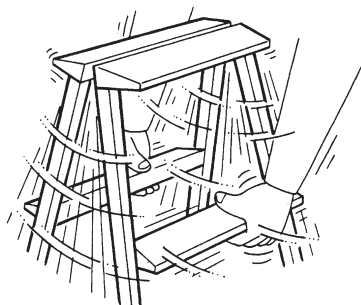
2. Check with your hands for;

- (1) loose top or steps by twisting them. If any looseness were found, never use and discard the stepstool.



3. Open/close the rails and check;

- (1) if the rails open/close smoothly. If not, check for mud, cement, or dust caught between hinges (rotating part) on the both sides, and remove it, if any.



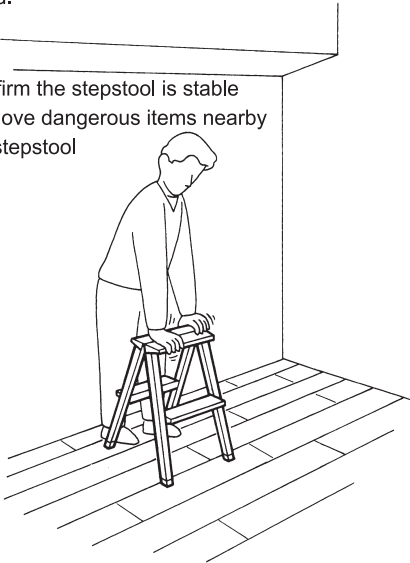
- (2) if spreader braces (spreader locking components) assuredly locks. If not, never use and discard the stepstool.
- (3) for looseness or backlash in hinges (rotating part) on both sides. Backlash in hinge may be caused by loosened parts or their breaking off. If so, never use and discard the stepstool.

How to use the stepstool

1. Where to install

- Chose a flat and stable area, or where the rails will not sink in.
- Where the ladder will not get wet by rain or water, or catch strong wind.
- Where the ladder will be clear from dangerous items, and allows you to work in balanced posture.
- After installing, check for stability of the ladder and relocate to stable location if any shakiness is found.

- | Confirm the stepstool is stable
- | Remove dangerous items nearby the stepstool



- | Where it is flat and stable
- | Avoid slippery surface
- | Where the ladder does not sink
- | Where the ladder does not get wet by rain/water

2. How to open/close the stepstool



Warning



Compulsory

Be cautious when opening/closing the stepstool. Rough handling may result in getting your hand caught or deformation/damage in movable or rotating parts.



Caution

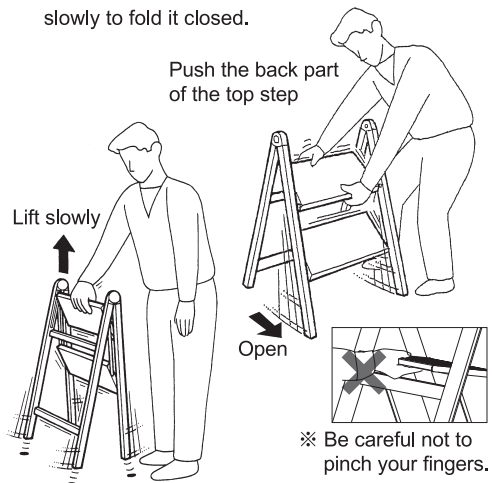


Compulsory

Be sure to unlock the spreader braces (locking and spreader locking components) when closing the stepstool. Closing without unlocking the hinges will deform or damage the ladder.

single-side step ladders

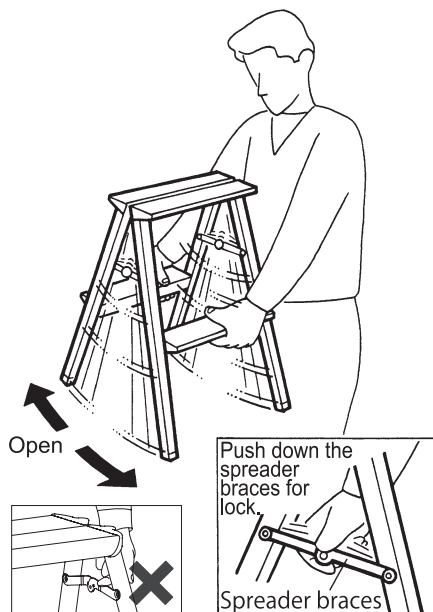
- (1) Hold the top step with both hands as shown in the figure. Push the back part of the top step and open the legs. Be careful not to pinch your fingers between the top step and the other components.
- (2) Completely open the legs, hold the top step firmly (safety lock) and make it level by hand.
- (3) Grab the back part of the top step and lift it up slowly to fold it closed.



How to use the stepstool

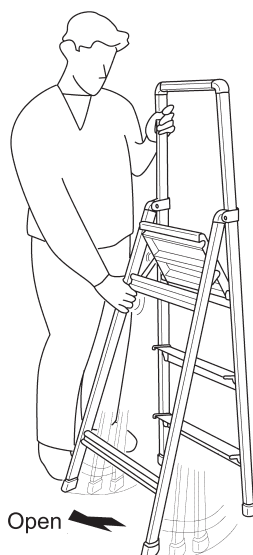
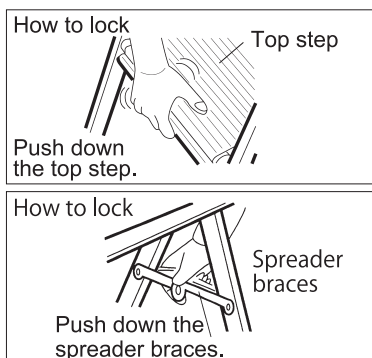
Stepstool with no outer frame

- (1) Hold steps as illustrated and pull to the sides.
 - (2) Push down the spreader braces and lock unfailingly.
 - (3) When closing stepstool, push the spreader braces upward to unlock, and close carefully holding steps on each side with your hands.
- ※ Be cautious not to get your fingers caught.



Stepstool with outer frame

- (1) When opening stepstool, hold the outer frame and the rear rail as illustrated, straighten up the rail on outer frame vertically and open the rear rail.
- (2) Push down the top step or the spreader braces and ensure it is locked.



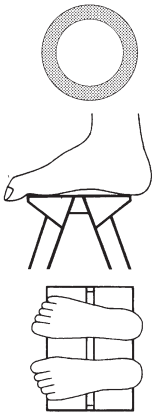
- (3) When closing stepstool, push the top step or the spreader braces upward to unlock, and close carefully.

How to use the stepstool

3. How to climb/descend/work on the stepstool

- Before climbing on to the stepstool, always confirm the spreader braces (spreader locking components) are locked assuredly.
- Be barefoot when inside, or wear sneakers or other non-slip footwear when outside using the stepstool.
- Carefully climb/descend the stepstool facing the ladder.
- Take your time and carefully descend the ladder step by step, using the bottom step also.
- Do not reach out from the stepstool when working on the top step.
- When standing on the top step, position yourself in the center of the plate.

Proper position

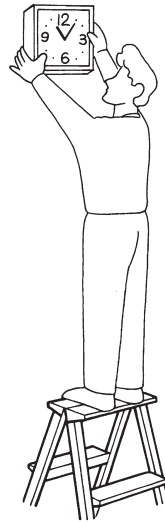
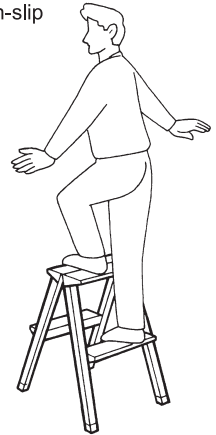


Wrong position



- When you want to move your position, get off the ladder and then move.

- | Take your time and carefully climb/descend the ladder
- | Be barefoot or wear non-slip footwear

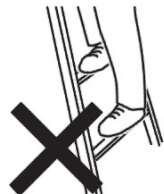


Stand with your feet slightly apart to stand on the top step as illustrated in the left

Proper way to stand on



Wrong way to stand on



How to care and store after use

1. How to care

Mud, dirty water, cement, caustic lime, or sea water will damage the stepstool. Keep the ladder clean.

How to clean

- Wipe off the dirt thoroughly with wet towel.
- When the stepstool is very dirty, wash it with water, and then wipe it dry.
- Wash oily dirt with non-abrasive cleanser or detergent, and wipe it thoroughly so that the non-abrasive cleanser or detergent is completely wiped off.

Caution

Residual non-abrasive cleanser or detergent may corrode the stepstool.

2. How to store

- Storage space for the stepstool should be dry and well-ventilated, and where it may be kept out of rain or direct sunlight. Rain and direct sunlight may corrode and/or deteriorate its components, and degrade their strength.
- When the stepstool is wet, dry it well before storing.

Caution

- Do not place any items on the stepstool while in storage. They may deform the ladder.
- Never store the stepstool nearby agricultural chemicals, cement, or caustic lime. They may induce chemical reaction causing the ladder to corrode.



Prohibition

- Using the stepstool or storing it for long period on vinyl floor sheet or floor tile may stain the sheet or the tile with the edge of the rails on where the ladder is placed.

When you suspect breakage (Malfunction Check)

■ Unstable when using

Where to Check	What to Do
1) Check for looseness in joints of rails and steps	1) If any, do not use and discard the ladder.
2) Check for looseness joints of rails and hinges	2) If any, do not use and discard the ladder.

■ Stepstool is not stable.

Where to Check	What to Do
1) Check for deformed rail, particularly bent or warped in the lower part.	1) If you find deformation, do not use and discard the ladder.
2) Check for lost or worn-out antiskid feet (attachment on the edge of rail).	2) If any, do not use the ladder (contact us).

■ The stepstool does not open/close smoothly

Where to Check	What to Do
1) Check for looseness in hinge (rotating part).	1) If any, do not use and discard the ladder.
2) Check for deformation of spreader braces (spreader locking components), or looseness in fitting area.	2) If any, do not use and discard the ladder.
3) Check for corrosion in hinge (rotating part) or spreader braces (spreader locking components).	3) If any, lubricate the rotating area. If corrosion is so conspicuous as to spoil its function, do not use and discard the ladder.



Warning



Prohibition

When any abnormality is found, never mend or repair on your own judgment. The unit or fittings will significantly lose their strength once it is deformed, and may break even if they are mended. It may cause the ladder to topple over or you to fall out of the ladder, and may lead to bodily injury.

Hasegawa Kogyo Co.,Ltd.

Edobori Center Bldg. 14F

2-1-1 Edobori, Nishi-Ku,

Osaka 550-0002 Japan

Tel: +81(0)6-6446-1823 Fax: +81(0)6-6446-1876

www.hasegawa-kogyo.co.jp