

BODY HUG SHOWER

NYSA -1-R-SET(WR)/FW1

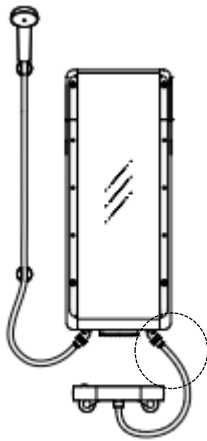
NYSA -1-R-SET(WR)/N11

Installation Instructions

■ Contents

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1. Product Structure



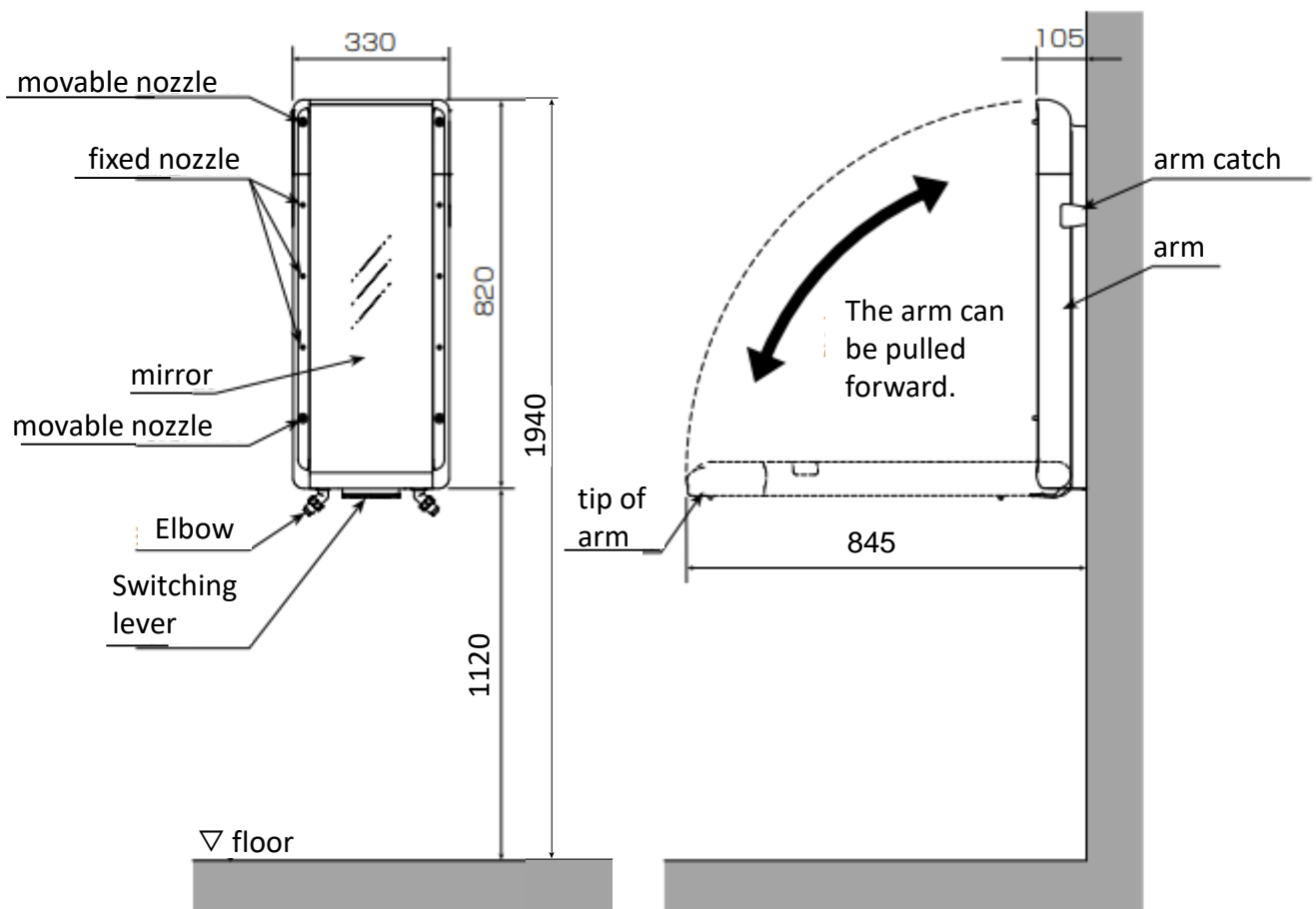
Specification (Body Hug Shower)

Model number	White: NYSA-1-R-SET(WR)/FW1 Black : NYSA-1-R-SET(WR)/N11	
Size (mm)	W700mm×D845mm×H820 mm	
Water pressure range	0.05MPa(flow pressure)~0.20MPa(flow pressure) *Secondary side pressure (after shower faucet)	
Water temperature range	5~60℃	
Water supply connection	Water inlet: G1/2 Water outlet: PJ1/2 *JIS B2061	
Product weight	12.9 kg	
Water flow rate	Whole shower: 9.0 L/min (at 0.05 MPa) *Secondary side pressure (after shower faucet)	
Required installation dimensions	W760mm×D900mm×H1960mm	
Material	Main body	ABS
	Mirror	Glass
	Arm	ABS, PP, POM

■The hose that attaches to a faucet is connected to the right side of the product main body.

2.Names and Features of Parts

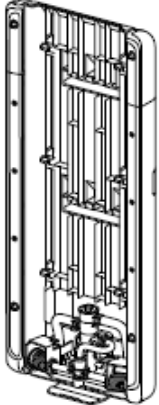
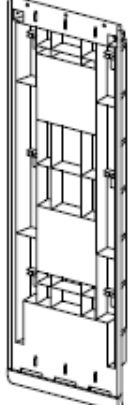

- The arm can be pulled out toward the front about the rotation axis. (Left and right independent)
- You can adjust the spray direction of the movable nozzle.
- The arm tip can be rotated.



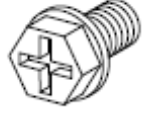
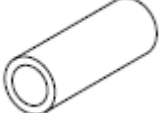


3.Parts packing slip




Open the package and check if there are any parts or not.

- Body Hug Shower main body: (White) NYSA-1-R/FW1
(Black) NYSA-1-R/N11


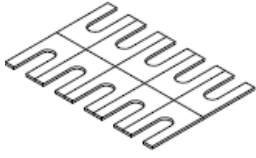
Name	Main body	Mirror frame	Mirror frame upper cover
Shape			
Quantity	1	1	1

Name	Truss Head Screw (M4 x 8)	Low Head Screw (M4 x 8)	Upset Bolt (M5 x 10)	silicon tube
Shape	 *For fixing mirror frame upper cover	 *For fixing the mirror frame	 *For fixing the main body	 *Upset bolt mounting auxiliary part
Quantity	3	2	2	1

- Back Hanger : NYSA-BH -1 -SET-B

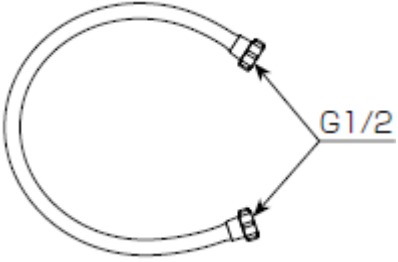
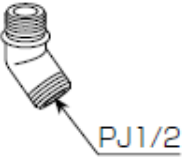
Name	Back Hanger	Truss Tapping Screw (4 x 25)	Curl Plug (Φ 6.5 x 35)
Shape		 *Back Hanger Fixing	 *For Pilot Hole Diameter 6 Φ
Quantity	1	20	25

■Mirror: KGM -2579S



Name	Mirror	adjusting spacer
Shape		
Quantity	1	1

■Connecting Hose Set

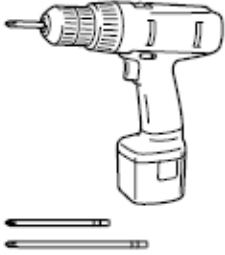

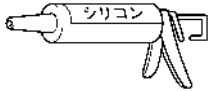
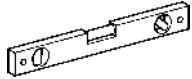
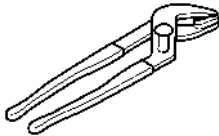
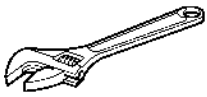
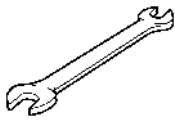
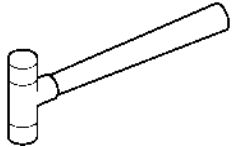
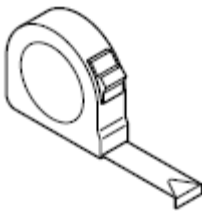

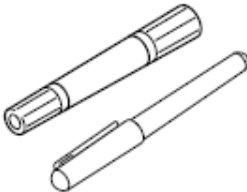
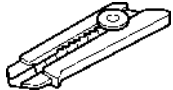

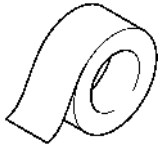
<Metal style>
L=600:A-11239-6-PU

Name	connecting hose	Connecting Elbows
Shape		
Quantity	1	2

■Others

Name	Instruction manual	Usage Label
Shape		
Quantity	1	1

4.Required tool

 <p>electric screwdriver Driver Bit (# 2) Electric Drill Blade (Φ 6) Carbide Drill for Porcelain Tiles (Φ6 · Φ 4.5)</p>	 <p>+ Screwdriver (#2) - Driver.</p>	 <p>sealing gun</p>	 <p>horizontalizer</p>
<p>Do not use impact drivers.</p>  <p>water pump pliers</p>	 <p>Monkey Wrench</p>	 <p>Spanner (For Opposite Side 23, 24 mm)</p>	 <p>Plastic Hammer</p>
 <p>Scale</p>	 <p>carpenter's square (for checking angles)</p>	 <p>permanent marker pen</p>	 <p>Cutter</p>
 <p>Cleaning Tools Neutral Detergent Wes, etc.</p>	 <p>Masking tape</p>		

*Precautions for installation work

Wear gloves when installing.

Handle the edges of metal parts with care.

The exterior components of this product are flammable. Be careful of fire, such as cigarette fire.

5. Confirmation of the mounting position

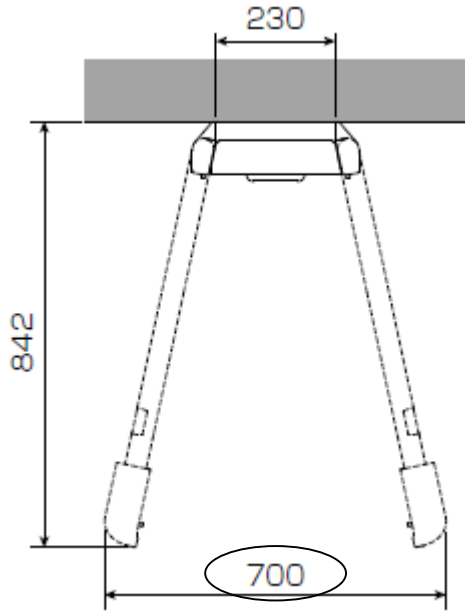
- In order to install the BODY HUG SHOWER, it is necessary to provide a space of 20 mm in the upward direction (sliding when the main body is mounted) and 50 mm in the downward direction (connecting hose arrangement, and to prevent interference with faucet handle).
(See figure enclosed by the circle below.)

For the left and right directions, please check and ensure that there are sufficient reserve dimensions with the existing items.

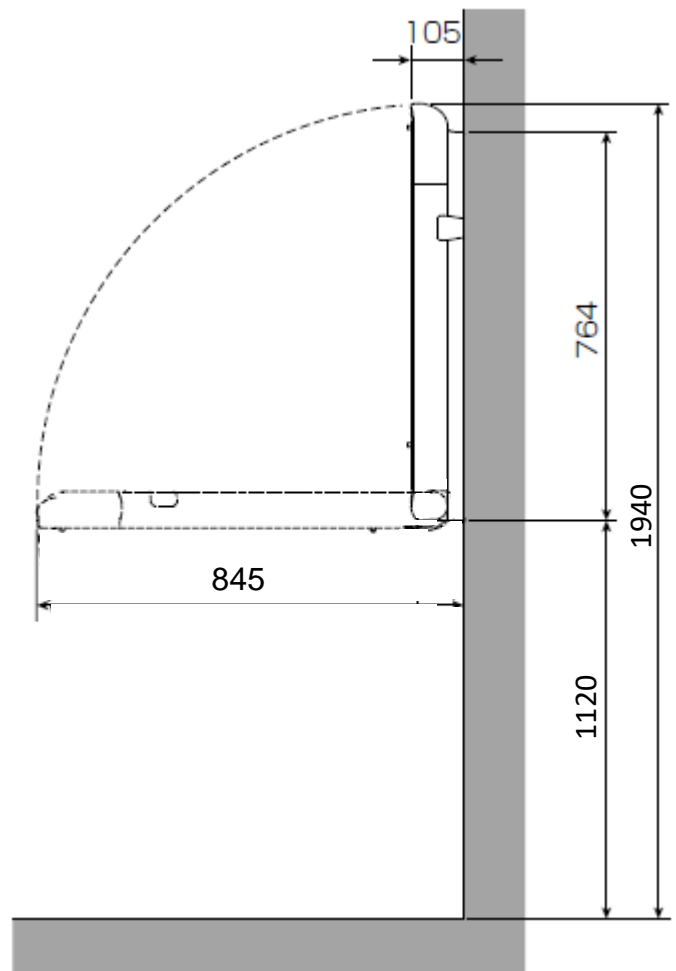
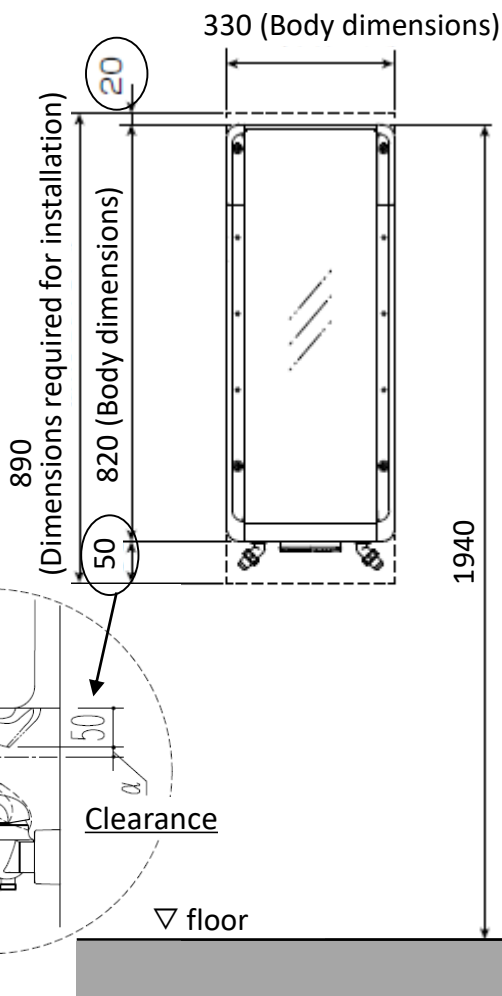
- The arm expands by opening to a maximum of 700 mm.

Adjust the installation position so that it does not interfere with Wall, Door, and other existing items.

(To avoid pinching fingers, allow a 30 mm clearance between the arm and adjacent objects).



Required dimension
760mmWx900mmDx1960mmH



Switch Lever

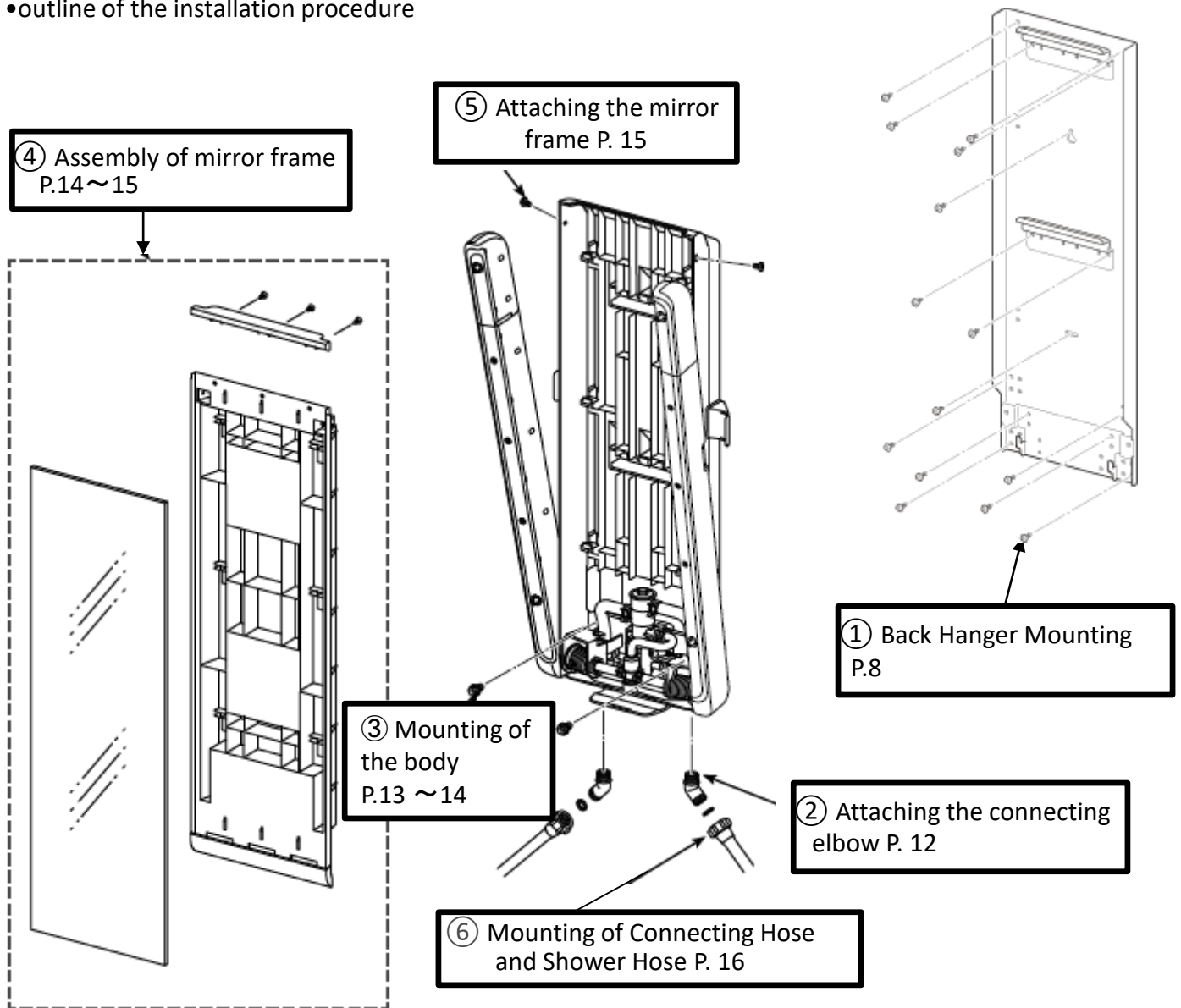
Faucet handle

Clearance

▽ floor

6. Mounting method

•outline of the installation procedure



Introduction (Back Hanger Mounting Method)

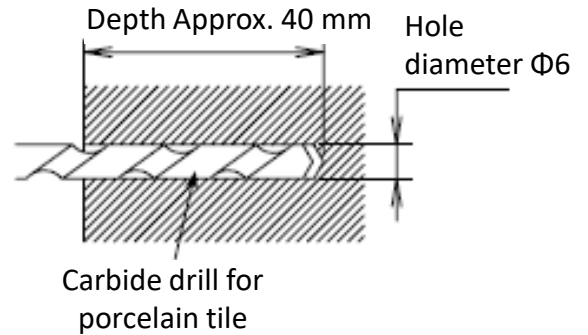
The back hanger of the BODY HUG SHOWER is fixed by driving a tapping screw into the curl plug. Follow the instructions below to install the product.

■About Tap Drilling

The back hanger is temporarily fixed to a reference position, and drilling is performed after marking the drilling position.

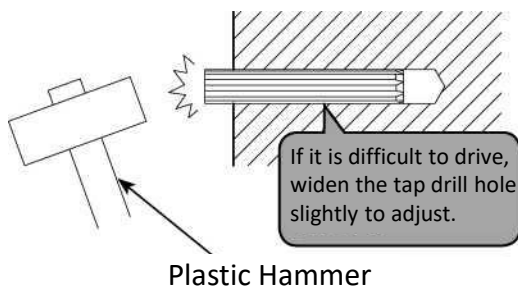
△Caution

Check that there is no water/hot water supply pipe behind the hole machining area. Drilling can damage the piping and lead to serious consequences such as back-of-wall water leakage. (See page 10 for tap drilling position .)

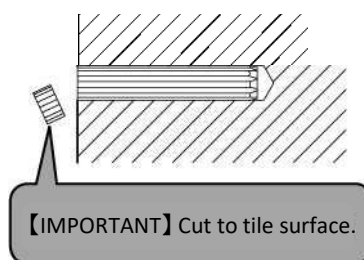


■Installation procedure of the plug

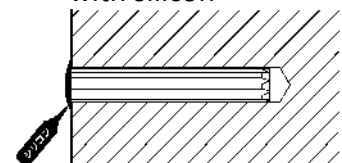
① drive a plug



② If it pops out, cut it with a nipper, etc.



③ Fill the plug with silicon



■About Screw Fixing

Silicon is filled in the tap drill holes and plugs of the back hanger for fixation.

*When there is a level difference or a warpage in the mounting part, silicon is applied to the gap part in a shape of a ball, and the back hanger is tightened to the extent that it does not deform.

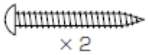
(See page 11)

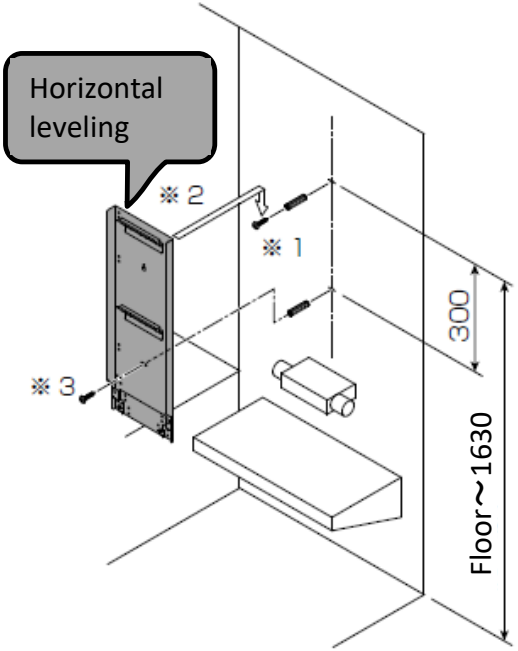


1

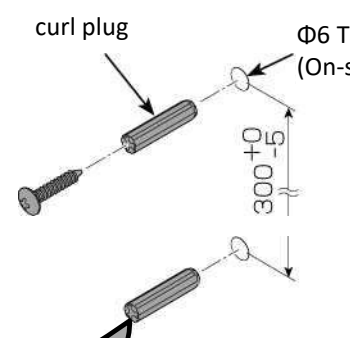
Installing the Back Hanger

① Temporarily fix the back hanger

 x 2	Tras tappin Screw	Φ4 mm x25mm
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※ 1



curl plug

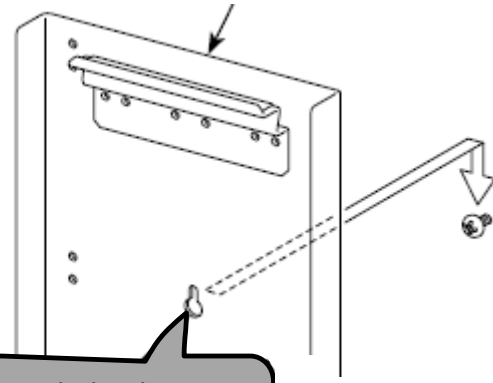
Φ6 Tap Drill
(On-site processing)

300+0
-5

Silicon is not required at this stage as it is removed by pre-drilling.
*At the timing of final fixation, the plug is filled with silicon.

※ 2

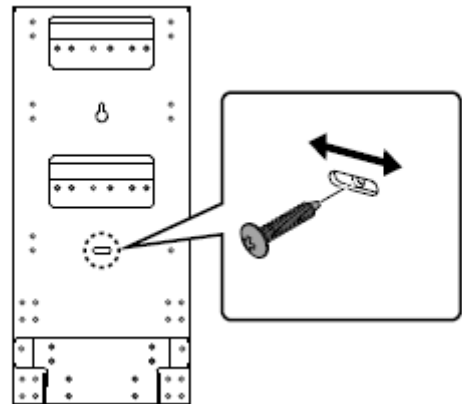
Back Hanger



Hook the daruma hole part to the screw.

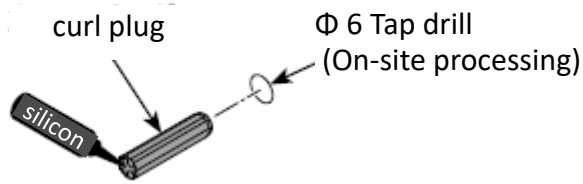
※ 3

Drive a screw into the oblong hole to make horizontal leveling.
After the leveling, fix the daruma hole.



*If the back hanger moves to the right and left when fixing the screw, adjust the position by lightly tapping the side face of the back hanger with a plastic hammer after fixing the screw.

- ② Perform pre-drilling at fixed positions (12 places)
 *Apply silicon to the plug at this timing for the daruma hole part/oblong hole part.

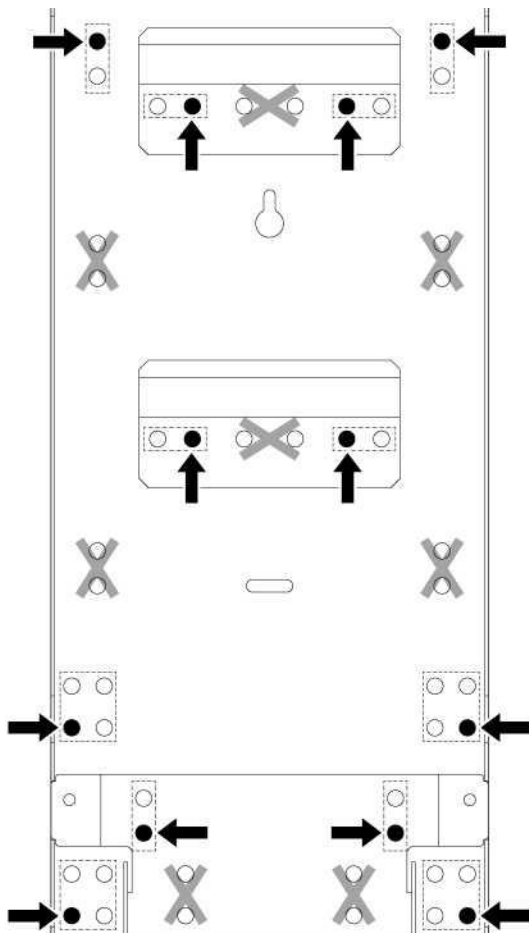


! Key Points

Be sure to install the specified number of screw, etc. If the number is insufficient, the strength necessary for mounting cannot be secured.

Check

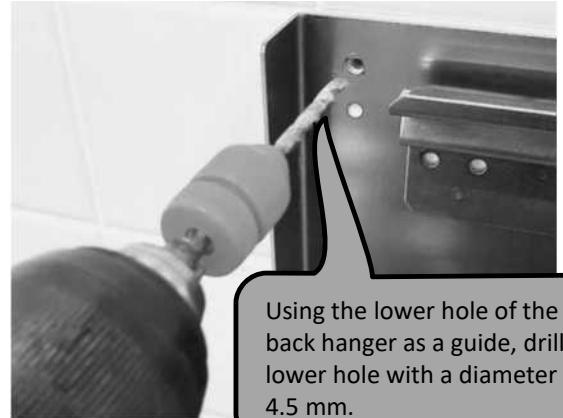
- Fix either one of the two or four consecutive holes surrounded by dashed lines.
- pointed holes are recommended positions. If interfering with existing holes, or in close proximity to joints, use another tap drill hole.
- pointed holes are not used in the conventional bathroom.
- The screw fixing part is marked with an oil-based pen.



Point

When drilling is performed in the following procedure, the hole position are likely to be exact.

- ① With the back hanger attached, pre-drilling is performed on the tile surface by a carbide drill for tile of the diameter 4.5.
 *The tap drill hole serves as a guide for drilling, and drilling can be performed at an accurate position without slipping.




Using the lower hole of the back hanger as a guide, drill a lower hole with a diameter of 4.5 mm.

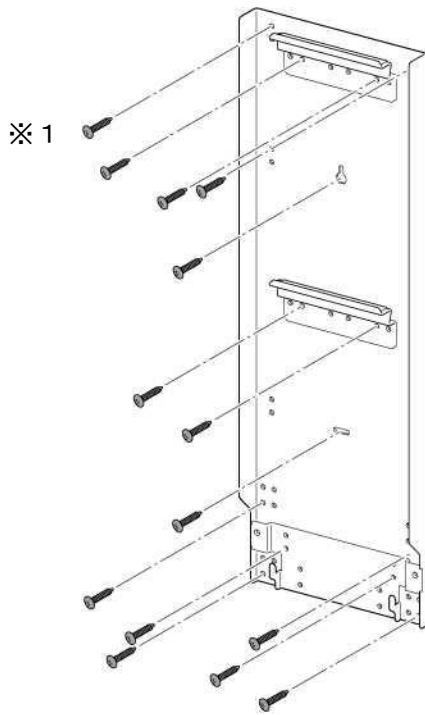
- ② Remove the back hanger and drill the hole with the carbide drill for the tile, of the diameter 6 on the basis of the hole opened earlier. (Processing Depth: approx. 40mm)



Remove the back hanger and enlarge the hole with a diameter of 6 mm.

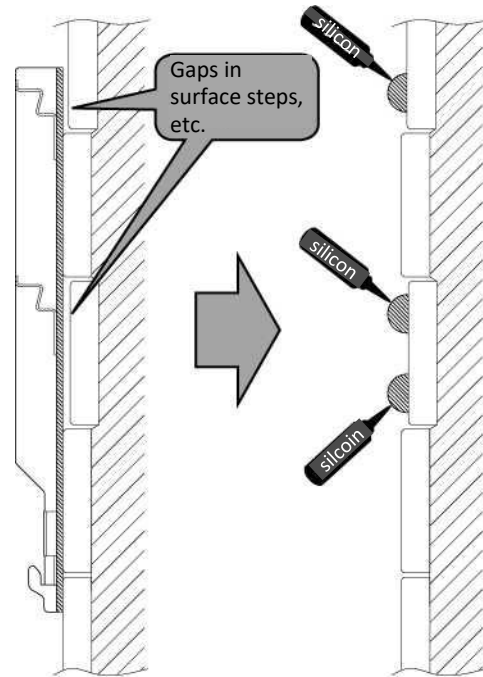
③ Attach the back hanger

	Tras tappin Screw	Φ4mm x25mm
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When there is a level difference or warpage in the mounting part of the back hanger.

- ① At a part where a gap is generated between the back hanger and the wall surface due to the level difference of the surface of the tile or the warpage of the mounting surface, silicon is placed in a ball shape so as to fill the gap.

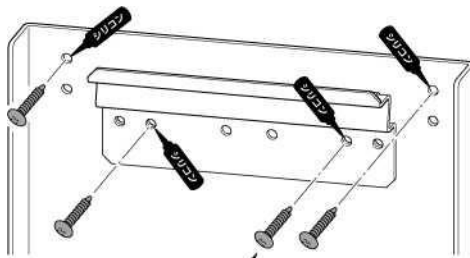


- ② Temporarily hang the back hanger and press it down while rubbing to crush the silicon applied in ball shape.

- ③ Tightening of screws near the gap should be limited to a level that does not deform the back hanger.

*If it is forcibly tightened, the back hanger is deformed and the main body cannot be attached.

※ 1

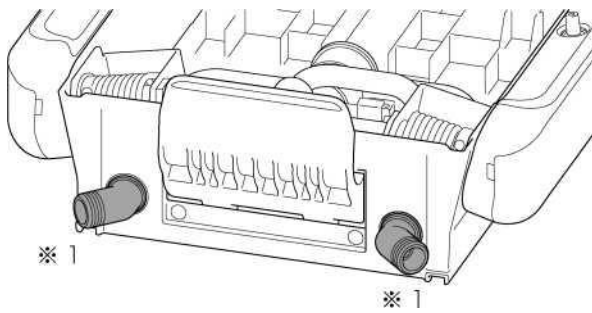


Tighten by hand
at the end.



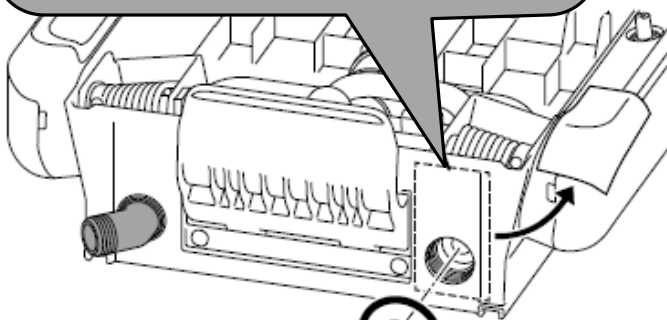
2

Attaching the connecting elbow



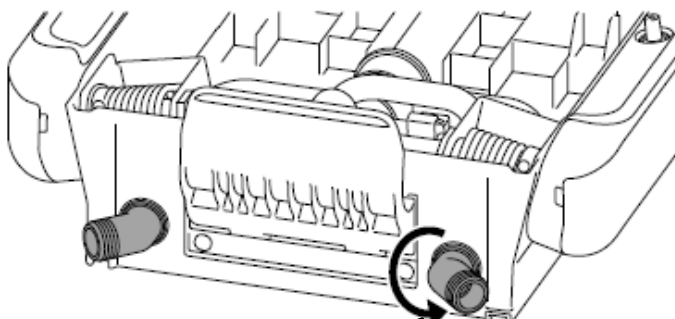
※ 1

- ① Peel off the label and stick it on the underside of the arm.
- *To prevent incorrect installation when connecting the shower hose and connecting hose.
*Make sure there is no residue of the label.



Connection elbow
*included in hose set

- ② Screw it in until it stops.

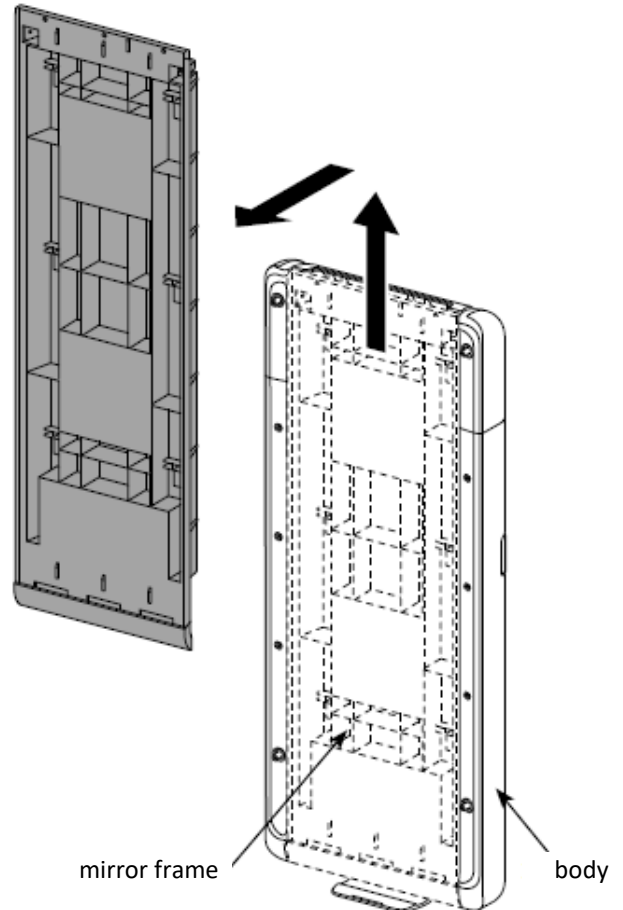


- ③ Return to the position where the connection elbow faces the outside of the body.
- *Return must be within one revolution.

Check


The body and mirror frame are packaged in a fitted state.

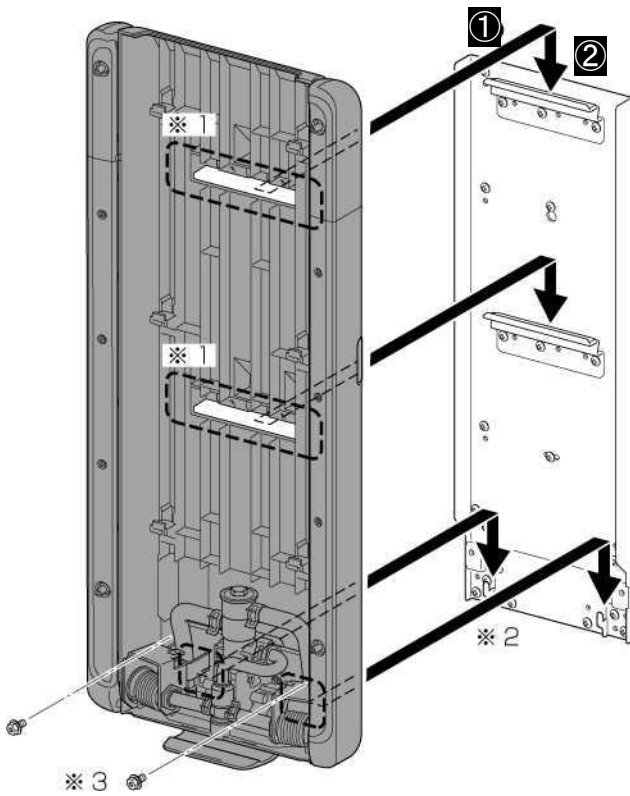
Slide the mirror frame upward and remove it before mounting the body.



3

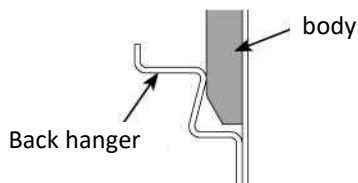
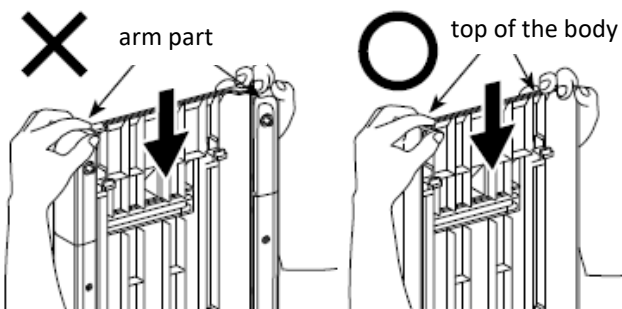
mounting of the body

 × 2	Upset bolts (with washers)	Φ5mm X10mm
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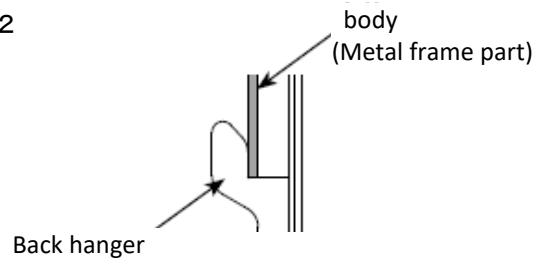


⚠Caution

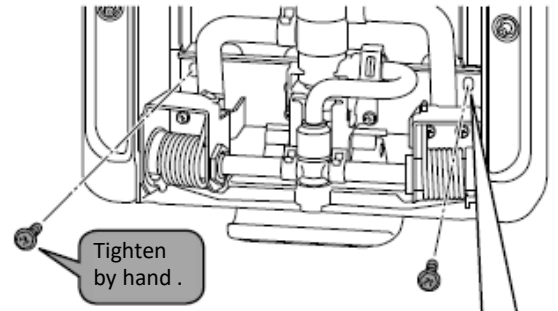
When engaging, do not engage by holding the arm part. Open the arm, put your hands on both ends of the upper part of the body and push down.



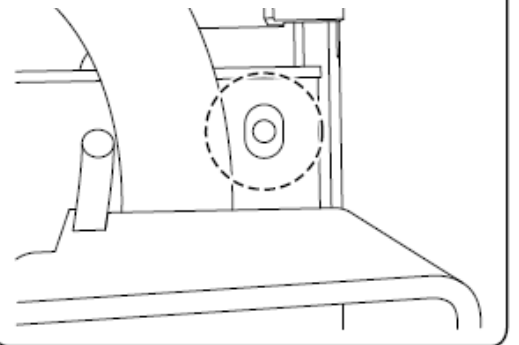
※ 2



※ 3



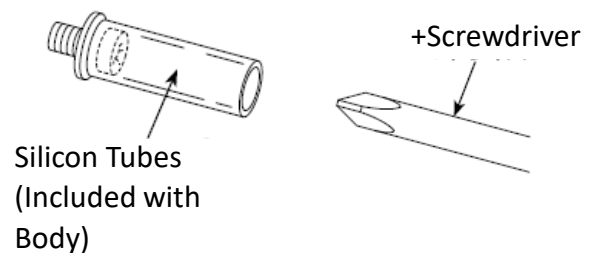
To ensure proper disengagement, check that the fixing holes are centered in the long holes.



Point

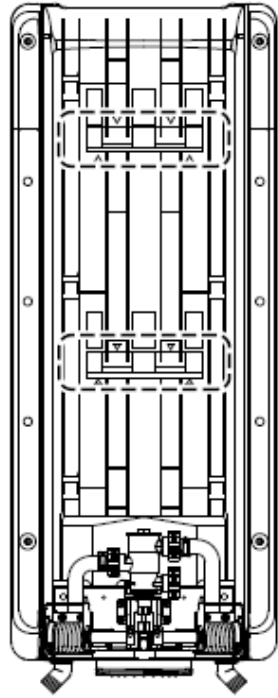
Insert the silicon tube attached to the body into the screw head, then insert the + screwdriver to fix it.

(Preventing the screw from falling)



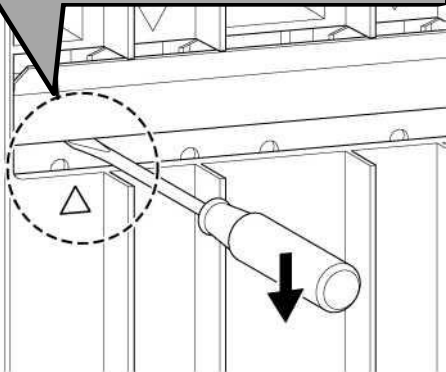
Check

When the joint between the body and the back hanger is too tight



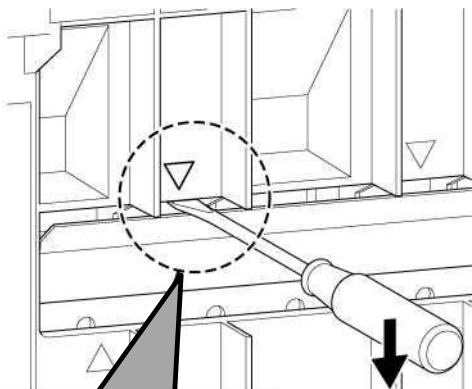
To install

Insert a flat-blade screwdriver between the body and the metal fittings near the "△" mark and lower the screwdriver to fit together.



To remove

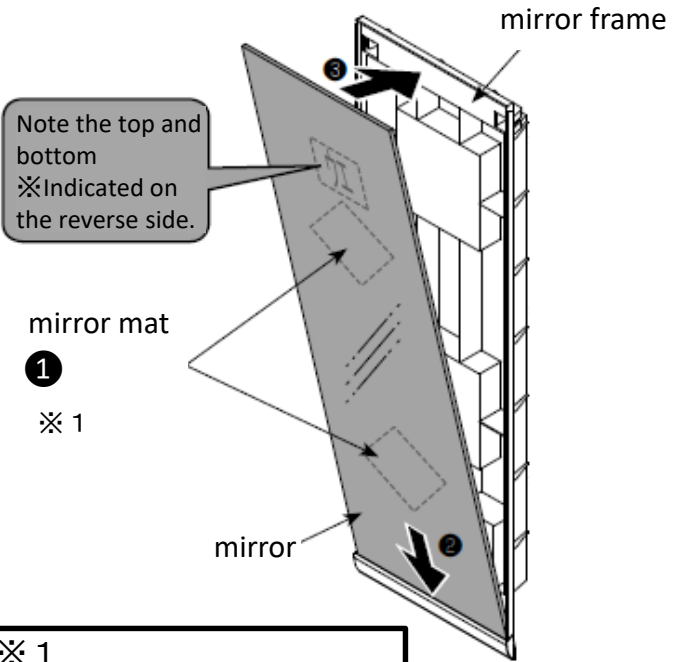
Insert a flat-blade screwdriver between the body and metal fittings near the "▽" mark and lower the screwdriver to remove the body.



4

Assembling the Mirror Frame

① Attach the mirror to the mirror frame

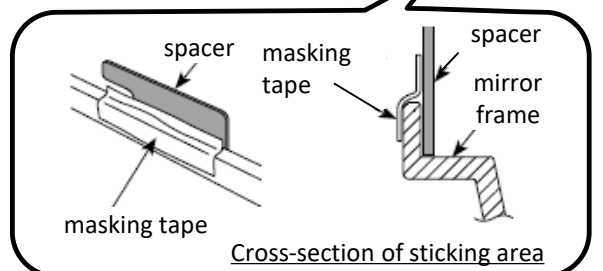
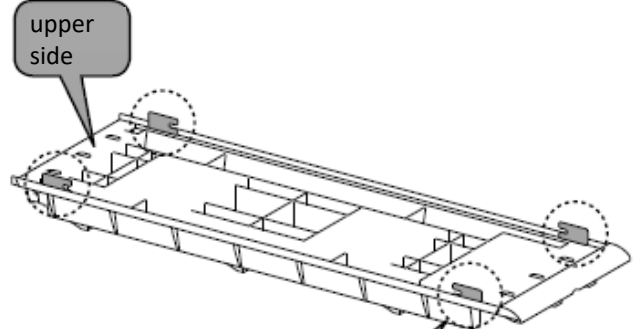


※ 1 Remove the release paper from the mirror mat.

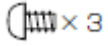


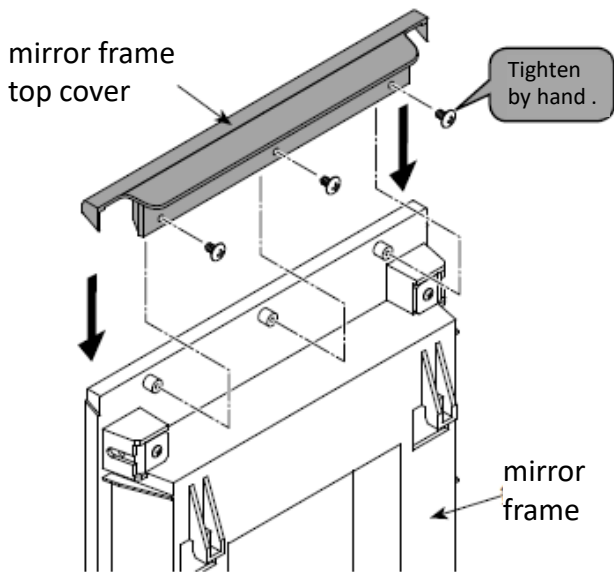
Check

To equalize the gap between the mirror and the frame, temporarily fix one of the provided spacers at each of the 4 locations on the top, bottom, left and right places of the mirror frame with masking tape, and then attach the mirror.

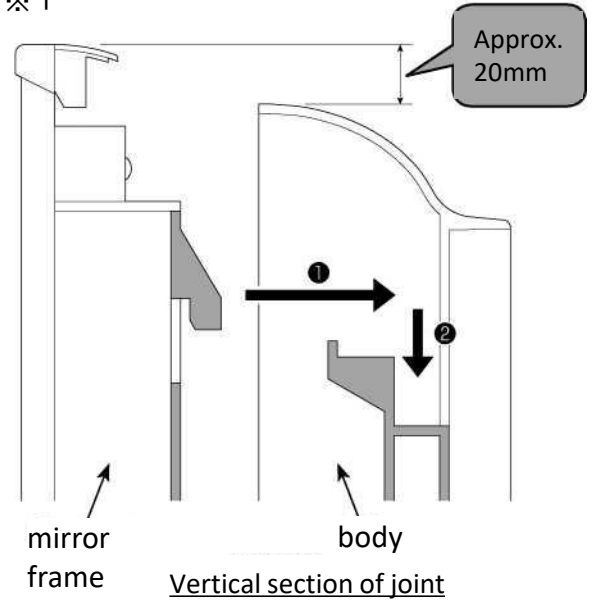


② Attach the mirror frame top cover

 x 3	Truss head screw	Φ4mm X8mm
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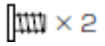


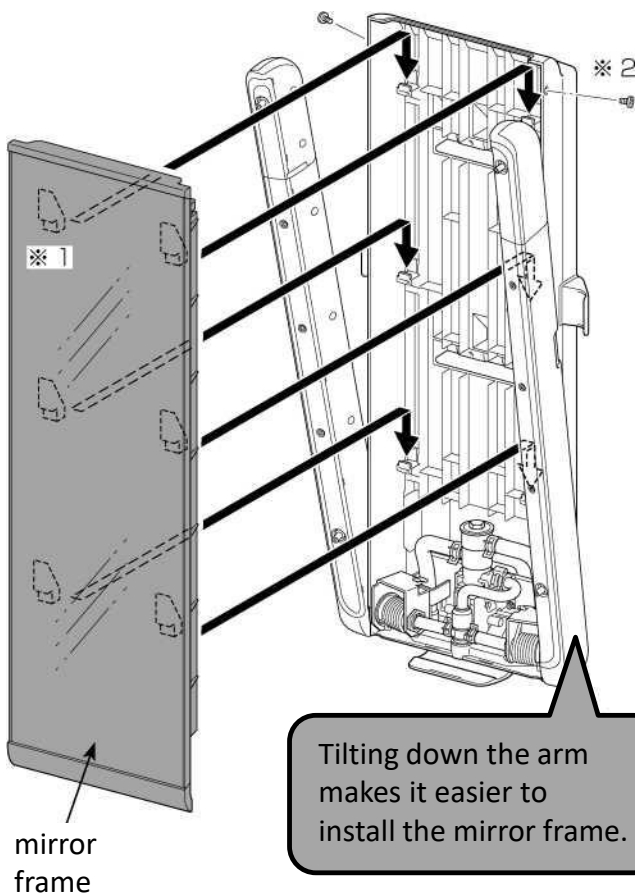
※ 1



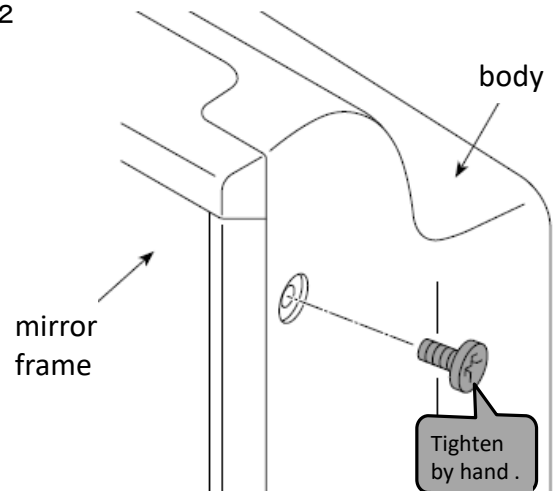
※When the fitting is tight, slide the mirror frame's lower part downward while pressing it against the main body.

5 Attaching the Mirror Frame

 x 2	Low head small screw	Φ4mm X8mm
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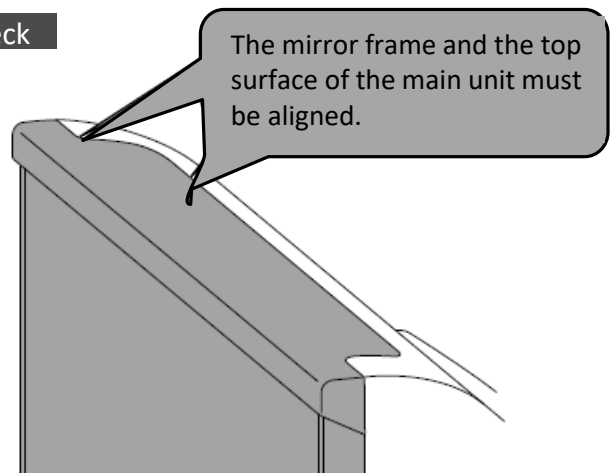


※ 2

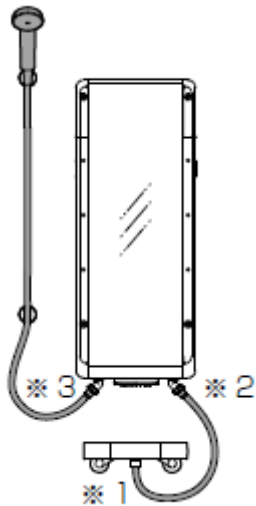


If the mirror frame floats and the lower hole is misaligned, push the mirror frame toward the main unit and fix it while aligning the tap drill hole.

Check



6 Mounting of connecting hose and shower hose

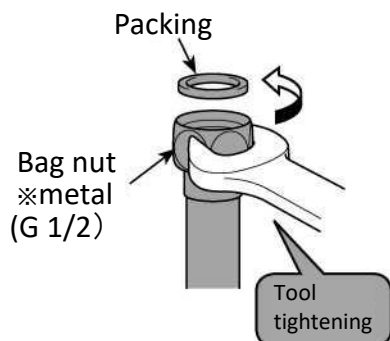


△Caution

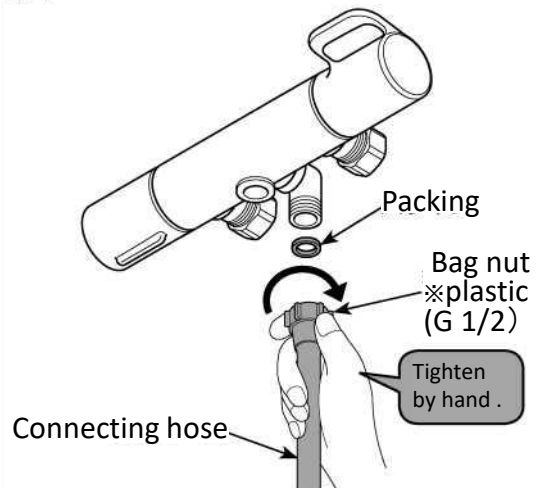
- When connecting to other manufacturers' faucets, the screw diameter may differ. In this case, use a conversion adapter.
- Do not tighten the bag nut at an angle. If the bag nut is tightened at an angle, the threads will be crushed and the nut will not be able to be tightened.
- Do not damage the packing or allow debris to sit on it.
 - * Because the water can't be stopped.
- Do not mistake the connecting position of the connecting hose.
 - * If you connect it incorrectly, you will not be able to switch between hand shower and body shower.

Check

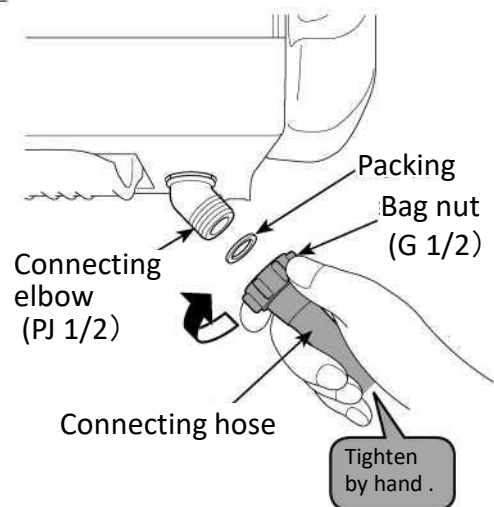
If a hose with a metal bag nut is used, use a tool to install it.



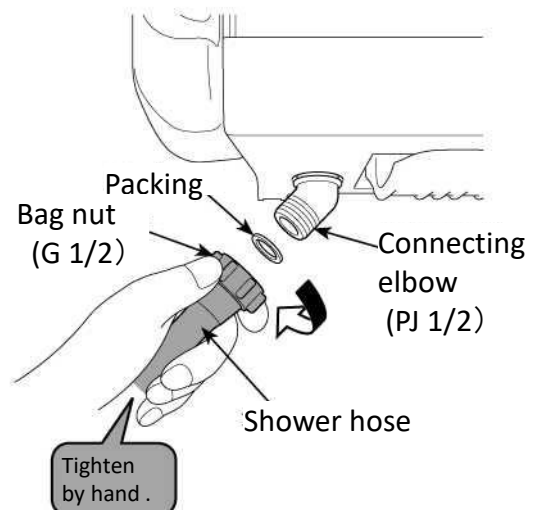
※ 1



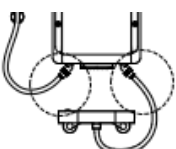
※ 2



※ 3



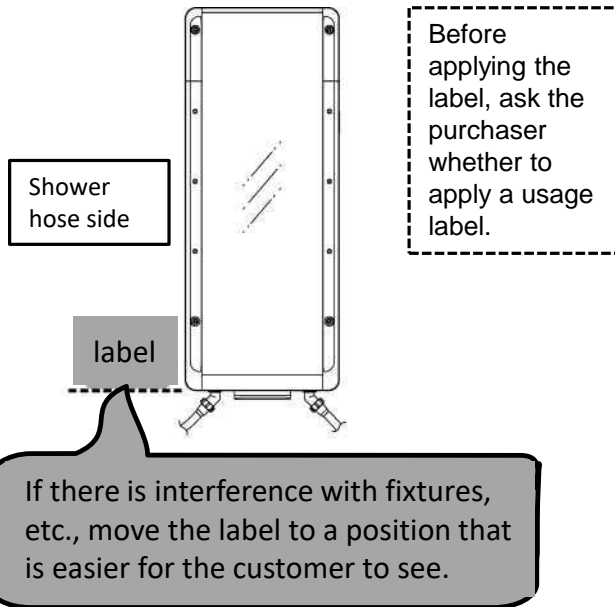
△Caution



- The elbow on the right side of the unit is the connection from the faucet. The elbow on the left side is the connection to the hand shower. If each hose is installed to the opposite elbow, the switch lever will not work correctly.
- Cannot be combined with shower with water shut-off function. Internal pressure may be applied to the inside of the unit, resulting in damage.

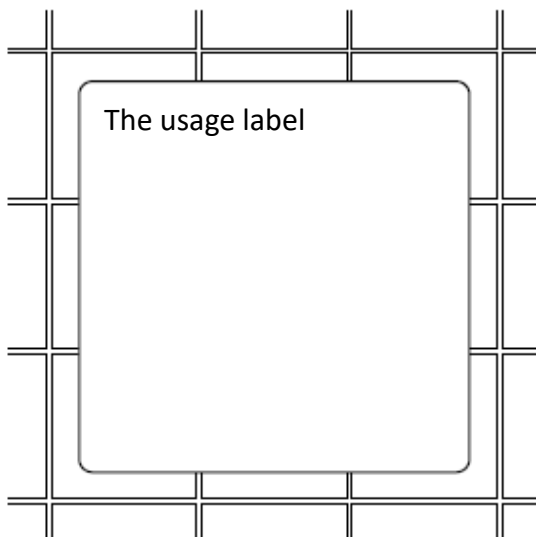
7

Attaching the Usage Label



Check

- When applying to tile surfaces, avoid joints at the edges.
- * The adhesive strength is weak at the joints, and the label may easily peel off.
- If there are separate instructions for the label affixing position in the main part of the installation manual, follow the instructions.



7. Inspection after installation

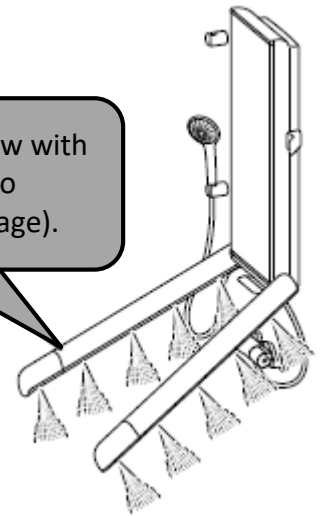
Check the following items to confirm that the installation has been completed properly, and hand it to the customer with the instruction manual. And if the usage label isn't applied, hand it to the customer.

- ① Visually check the entire BODY HUG SHOWER and confirm that there are no abnormalities such as inclination.
- ② Gently shake the external parts such as the arm and the body to check for rattling.
- ③ Check that there is no abnormality by running water in the order of hand shower and body shower.

*If the switch is not successful, the connection between the connecting hose and the shower hose may be reversed.

Point

Check the water flow with the arm lowered. (to prevent water damage).

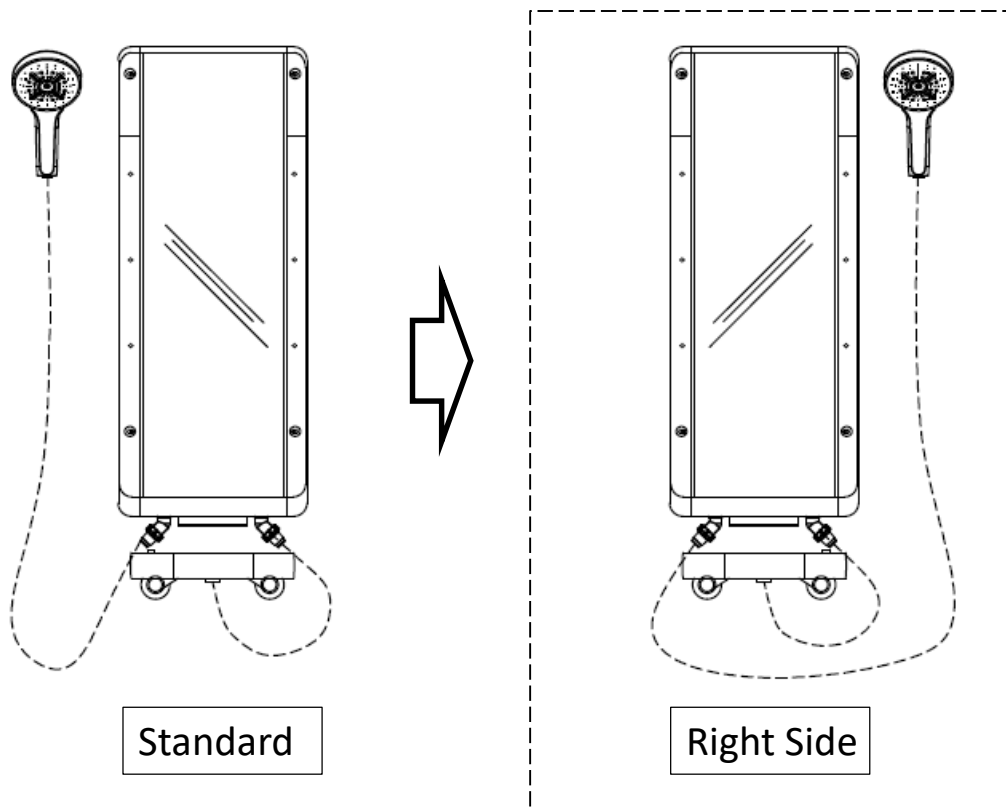


- ④ Please clean the bathroom.

Reference Information

1. Hand shower installation

- If the hand shower must be installed on the right side, install it as shown below.



2. Connection of the main unit to the faucet by connecting hose

- If the distance from the faucet to the main unit is too long for the supplied connecting hose(L=600mm) to reach, prepare a hose of suitable length with G1/2 connections and connect it properly.

