



Installation instructions

Toilet in-wall tank & carrier

WD1022 000 090

WD1022 000 091



Important information

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Installation

5



About these instructions

The installation instructions come as part of the Duravit product and must be read carefully prior to installation.

Target readership and qualifications

This is a professional grade product. A working knowledge of construction techniques and code compliant plumbing installation are required for proper installation and user satisfaction. The product must be installed by a licensed plumber.

Explanation of the key words and symbols



Inspection (e.g. for scratches)



Inspect for leaks and that all connections have a watertight seal



Indication of the length of time (e.g. 10 minutes)

> Action required

Safety instructions

Product and/or property damage

The breach of local and country-specific regulations and standards can cause damage to the product and/or property damage.

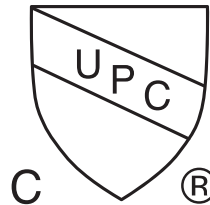
- > Observe the local installation regulations and any country-specific standards at all times.

Provided fitting connects to 3" ABS/PVC only.

- > Purchase appropriate fitting for 3" DWV connection to connect to other pipe types.

Prior to installation

Please read the specification sheets prior to the installation. Specification sheets are available for download at <https://pro.duravit.us>



Products are in compliance with the latest editions of:

- Uniform Plumbing Code (UPC®)
- National Plumbing Code of Canada
- ASME: A112.6.2, A112.19.5, A112.1002, A112.18.6
- ANSI Z124.4
- CSA: B125.12, B125.6, B125.6
- ANSI/ASSE 1002
- IAPMO PS-50
- UNAR / UNAR-HET
- State of Massachusetts listed
- This concealed tank is WaterSense® listed or compliant when used in combination with listed Duravit toilet bowls.



Warranty:

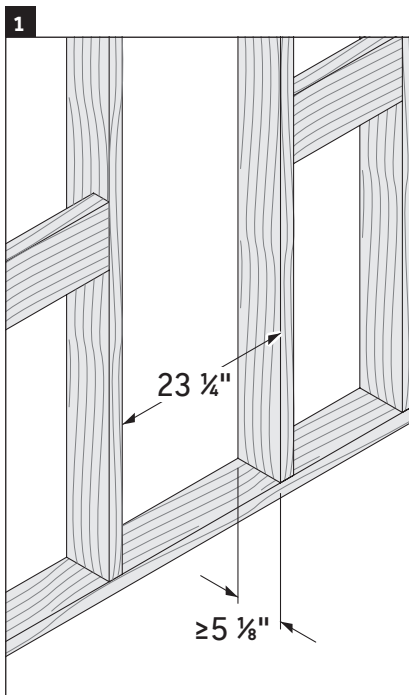
Find our General Terms and Conditions (GTC) at www.duravit.us/service/policy_and_warranty_information/warranty_information.us-en.html



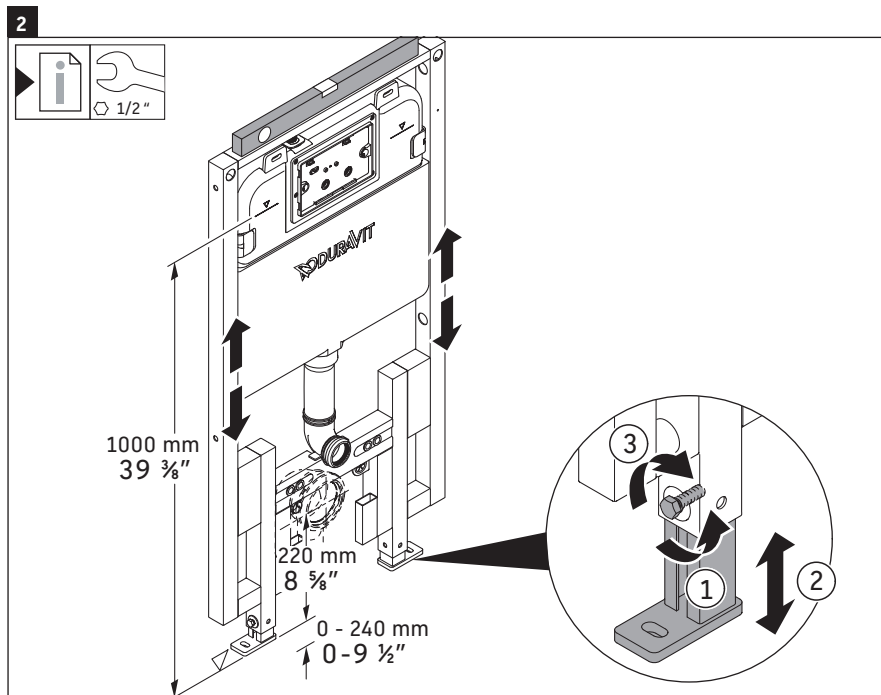
70300131_Mounting_Wall carrier_standard 5



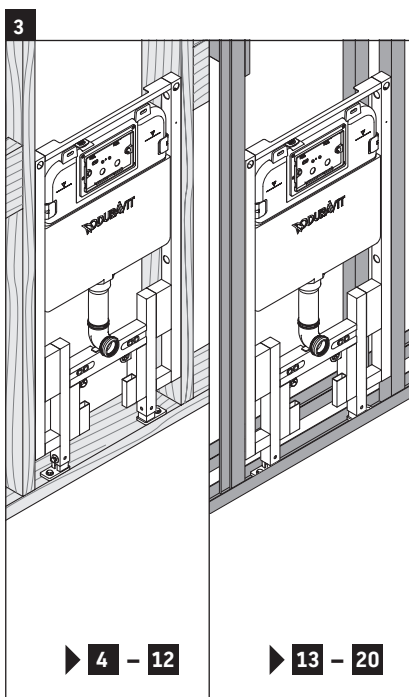
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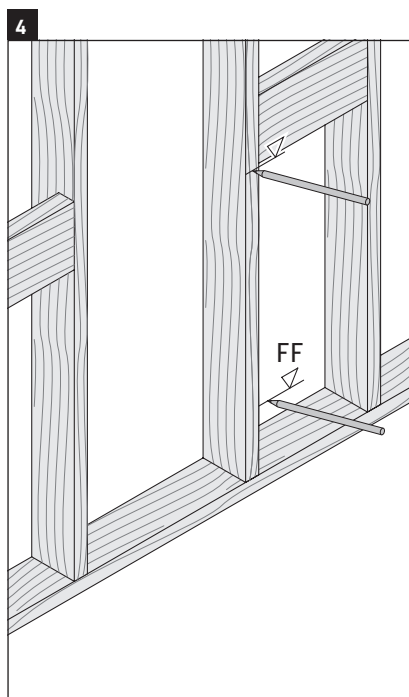
- > Carrier must be installed in a constructed 2 x 4" wood or metal frame.
- > Studs must be placed 23 1/4" apart (clearance) from where the carrier will be positioned inside the wall.
- > For 3 1/2" wall thickness vertical drainage only.
- > For 5 1/8" min. wall thickness RH, LH and vertical drainage possible.



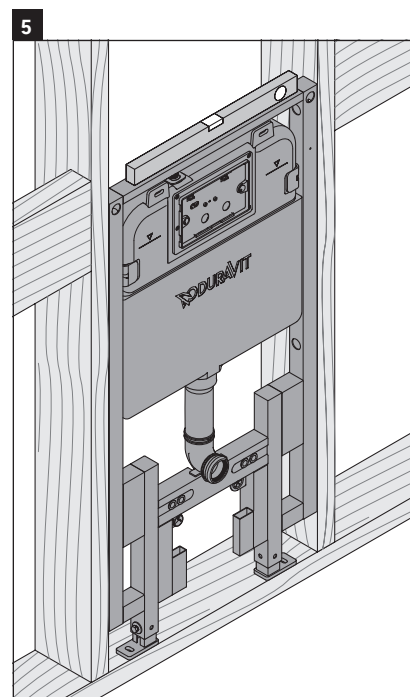
- > Carrier can be adjusted to accommodate drain from 8 5/8" - 9 1/2" from finished floor.
- > Determine the height needed and set prior to install.
- > Adjust height by changing the pin setting in the carrier foot.



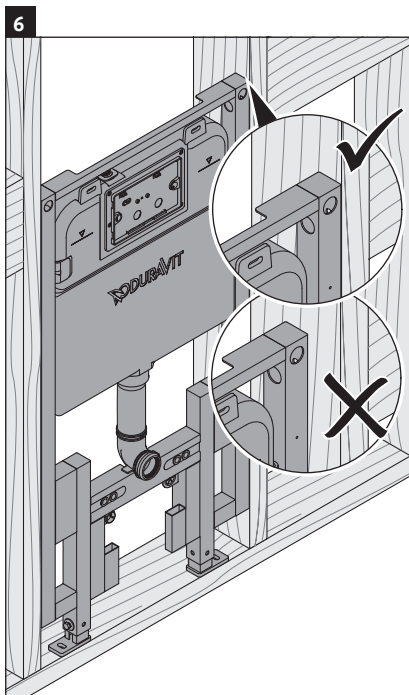
Variant 1: Wooden frame
Variant 2: Metal frame



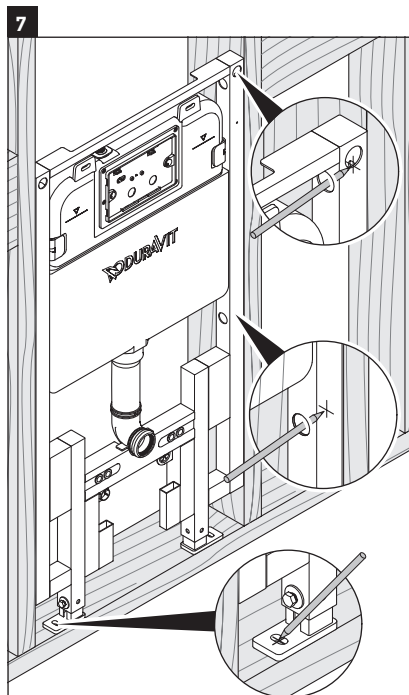
- > Observe the position of the drain.
- > If the height of the toilet frame is set on the reference marker, the height of the drain is 8 5/8".
- > Mark the location for the 3" DWV waste pipe and the finished floor (FF) to ensure proper clearance.
- > Refer to the toilet bowl's technical specifications to confirm.



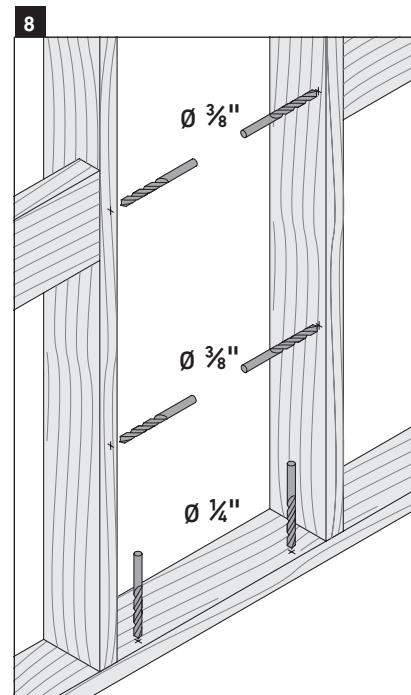
- > Position carrier in frame to level.
- > Adjust feet height as needed.



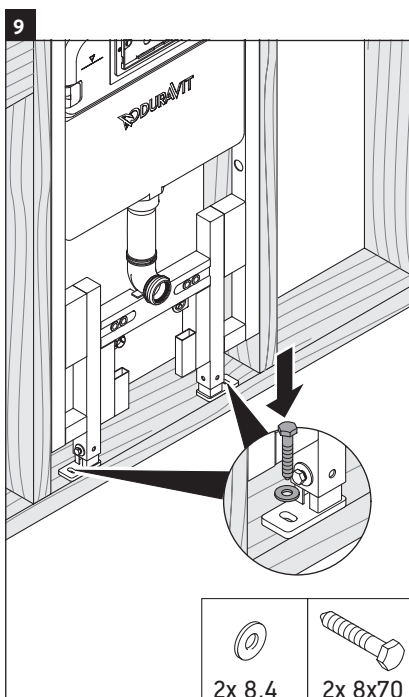
- > Position carrier in the prepared opening.
- > Carrier face plate must be flush with the front of the surrounding studs to accomplish maximum support for the wall sheeting (applied later).



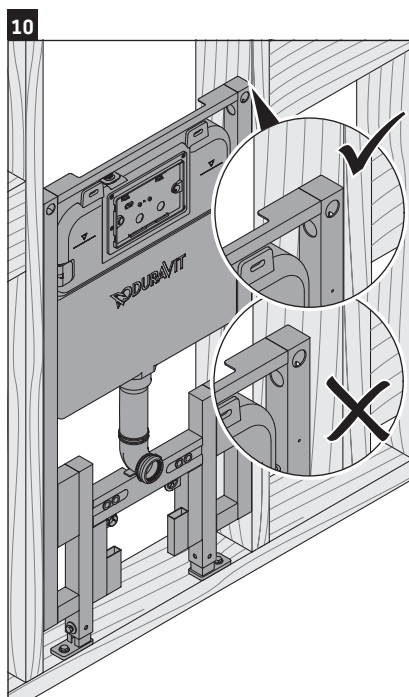
- > With the carrier in place, mark all anchor and bolt hole locations onto studs of wood frame.



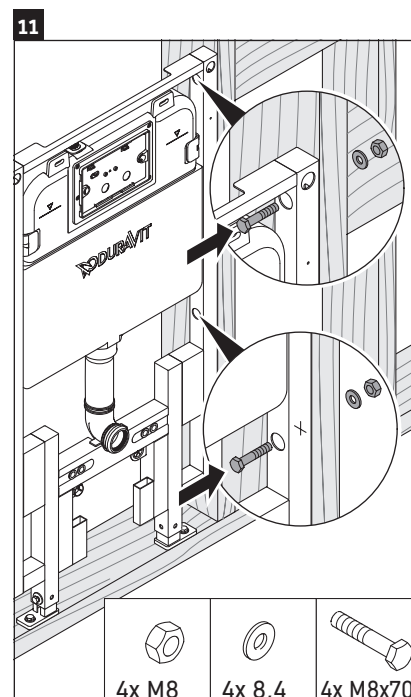
- > Remove carrier from wooden frame.
- > Drill out 4 marked $\frac{3}{8}$ " pilot holes in the studs.
- > Drill out 2 marked $\frac{1}{4}$ " anchor holes in the frame base.



- > Set carrier back in place and install anchor bolts on the base first.



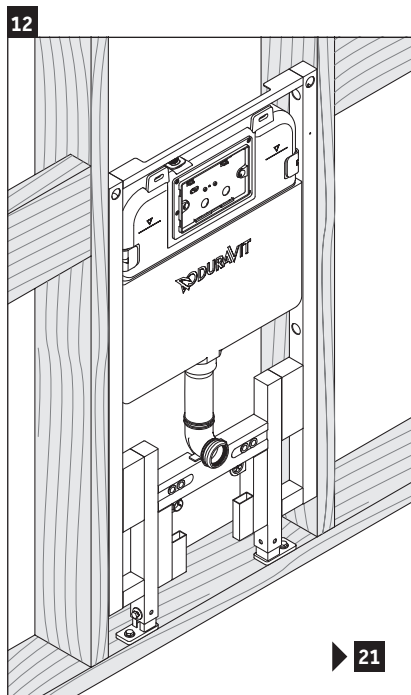
- > With anchor bolts set, ensure carrier is flush to stud frame.
- > Adjust as needed before installing side stud bolts.



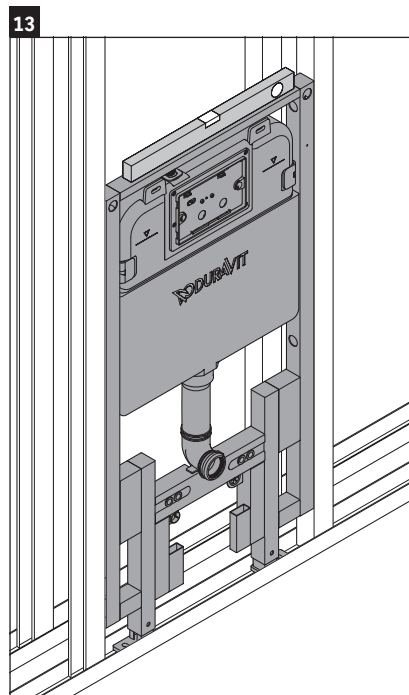
- > With carrier set in place, secure carrier to studs by installing 4 stud bolts in marked locations.



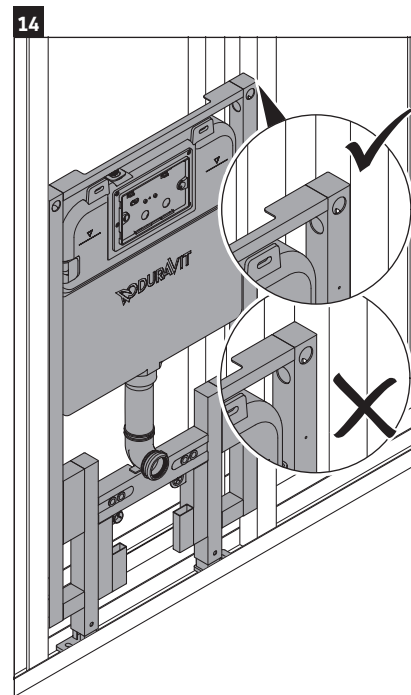
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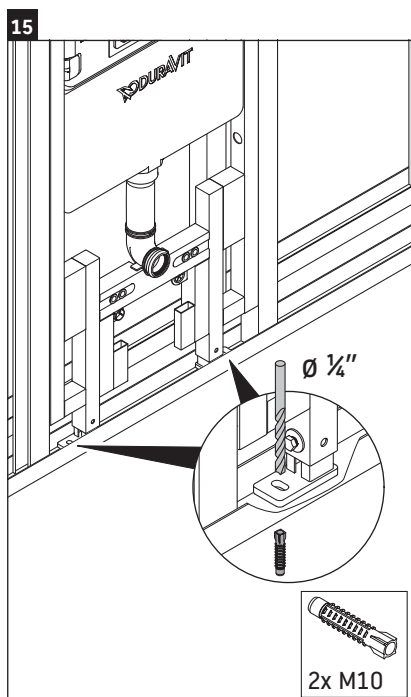
- > Inspect carrier to ensure it is secure and even.
- > Continue with 21.



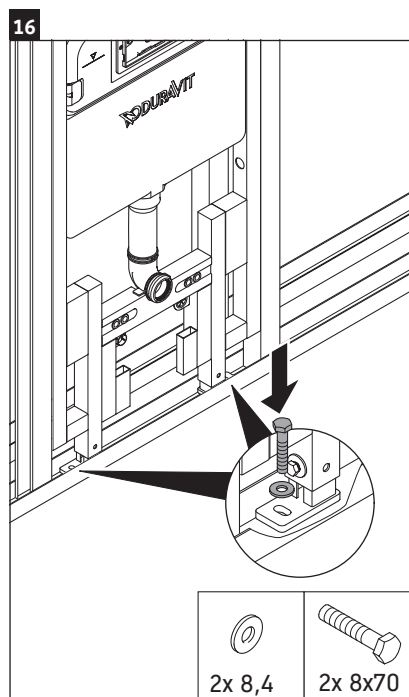
- > Position carrier in frame to level.
- > Adjust feet height as needed.



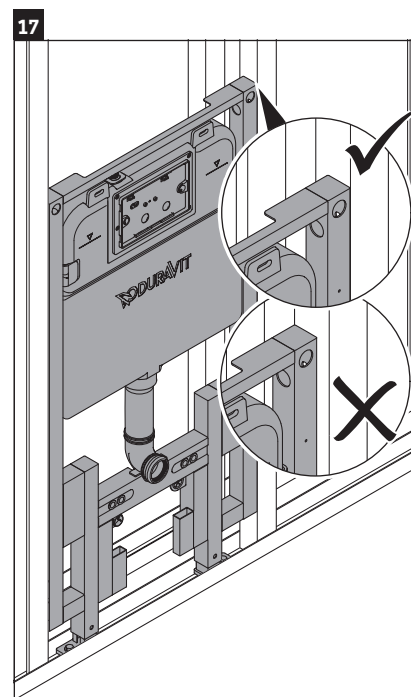
- > Position carrier in the prepared opening.
- > Carrier face plate must be flush with the front of the surrounding studs to accomplish maximum support for the wall sheeting (applied later).



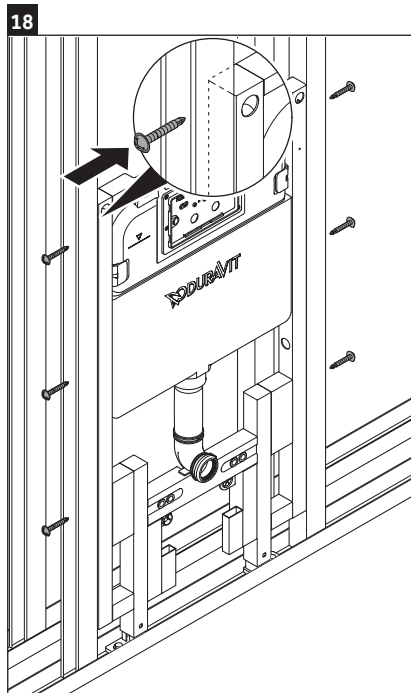
- > Drill out 2 marked $\frac{1}{4}$ " anchor holes in the carrier base.



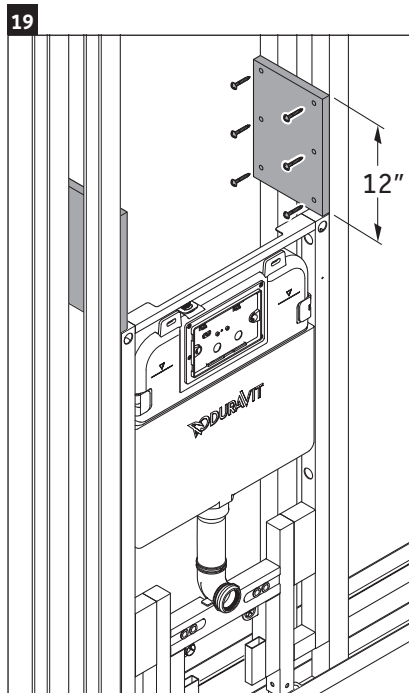
- > Secure carrier feet in place within the frame using metal frame bolts.



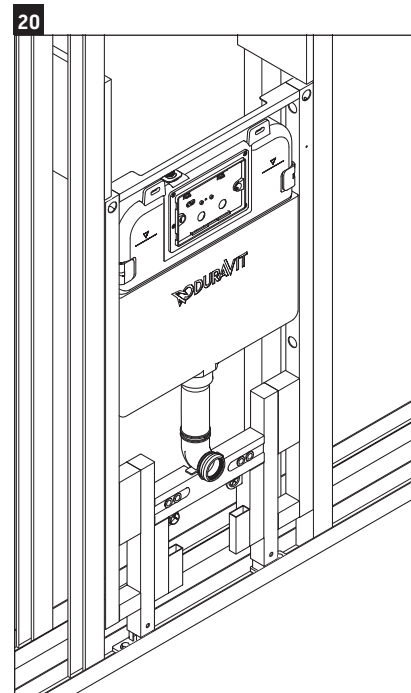
- > With anchor bolts set, ensure carrier is flush to metal frame front.
- > Adjust as needed before installing side metal screws.



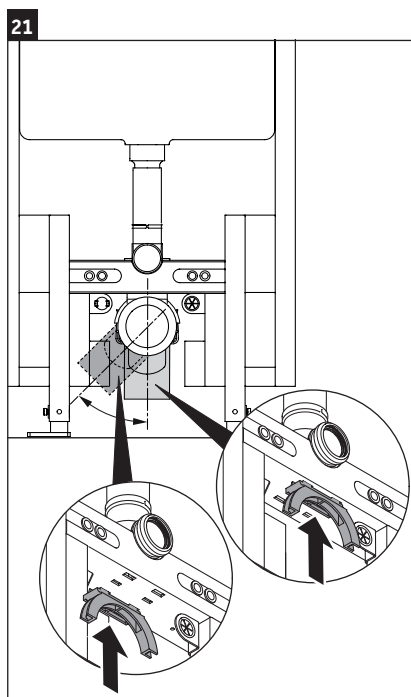
- > Install 6 self-tapping screws 12" apart into the metal to secure carrier within frame.



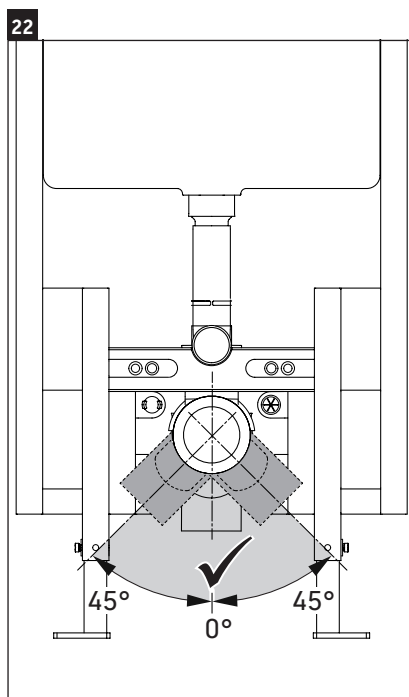
- > Install 2" or 3" wide 12ga studs that are connected to the floor and ceiling with mounting brackets for optimal support.
- > Install additional 12" (30 cm) lateral plywood or drywall reinforcement for studs thinner than 12ga.



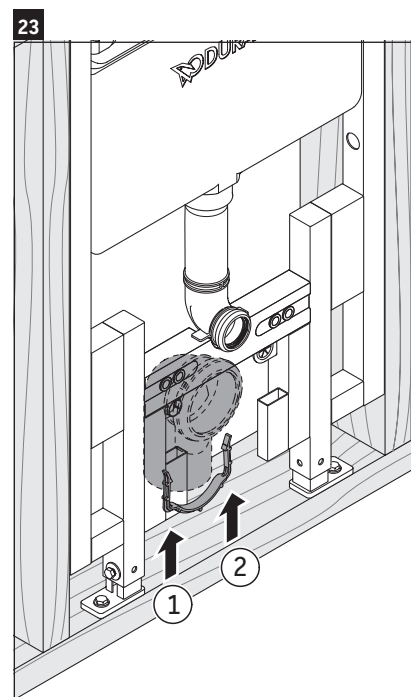
- > Inspect carrier in frame to ensure it is secure and even.



- > For 90° drop, use the front support holder.
- > For 45° drop, use the rear support holder.



- > Complete waste elbow connection with 3" DWV provided shielded coupling to waste pipe.
- > Install waste outlet no more than 45° right or left with a minimum vertical drop of one pipe diameter before transitioning to horizontal pitch.

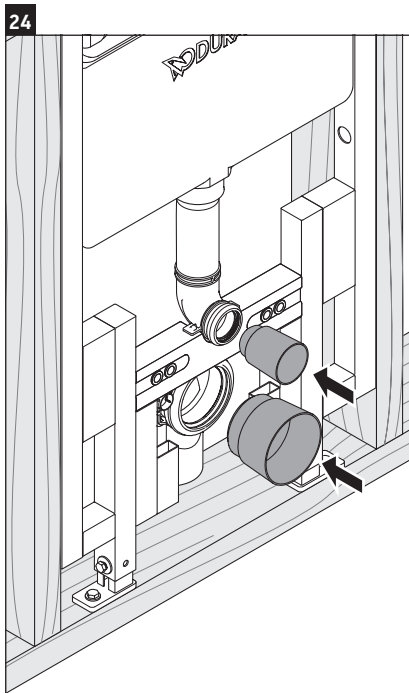


NOTE

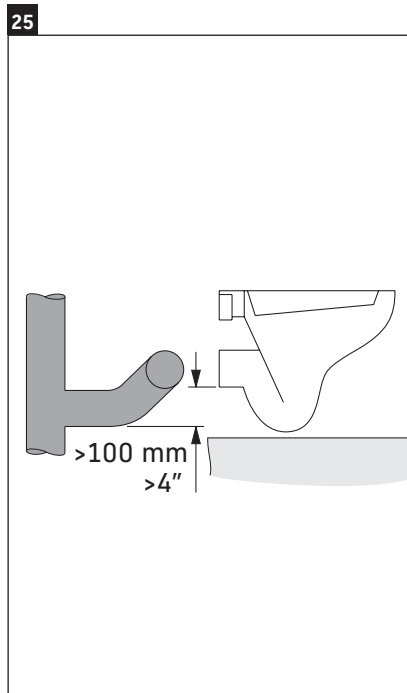
- Provided fitting connects to 3" ABS/PVC only.
- > Purchase appropriate fitting for 3" DWV connection to connect to other pipe types.
 - > Secure waste pipe to carrier using provided bracket.



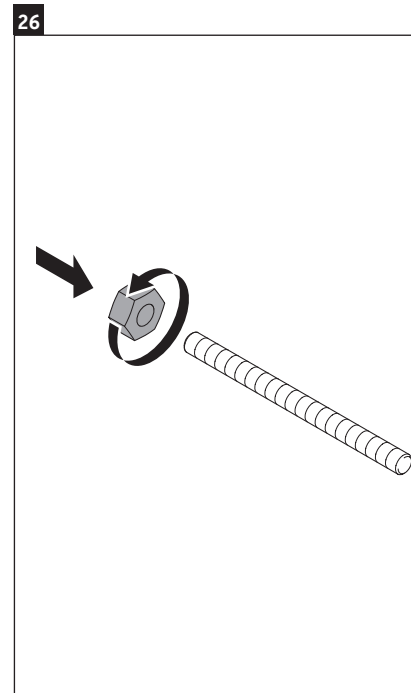
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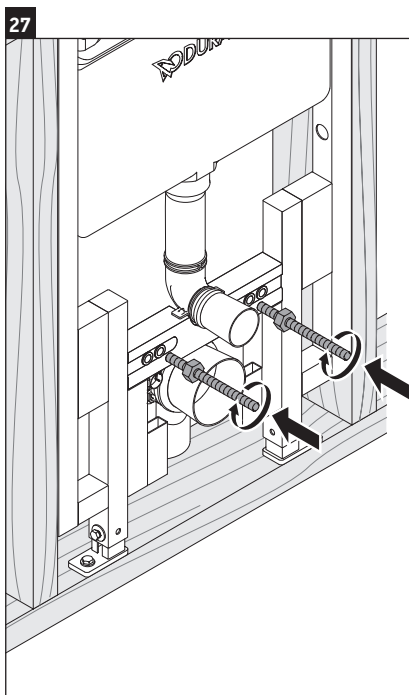
- > Install waste and water protection plugs and keep in place until toilet bowl is ready to be installed.



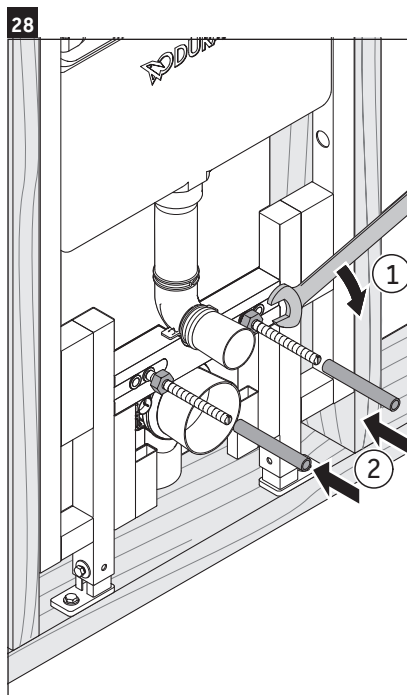
- > Check that there are at least 4" from the bottom of the waste pipe to the finished floor (FF) to ensure proper clearance for the toilet bowl.



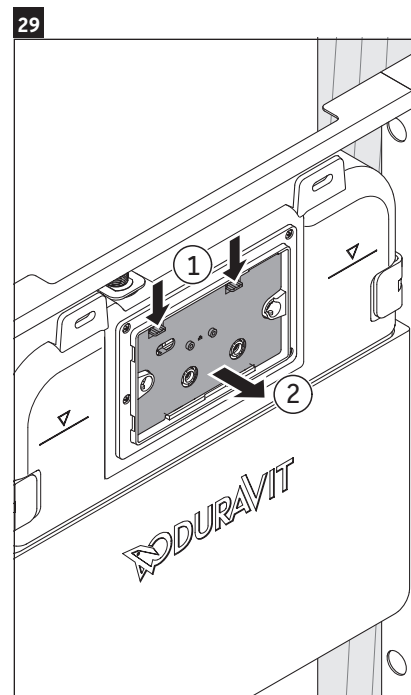
- > Thread locking nuts onto mounting bolts.



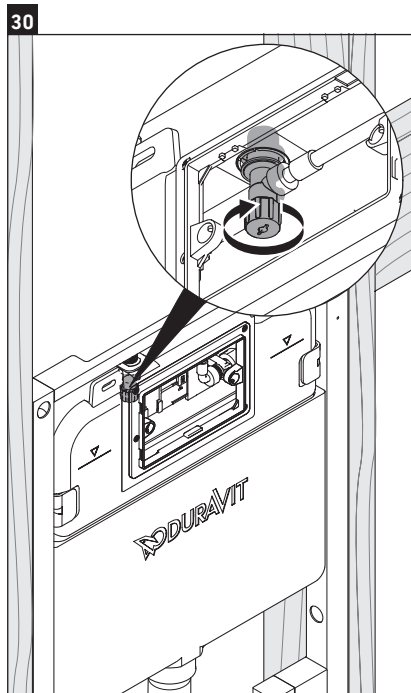
- > Install mounting bolts onto carrier with spacing at 7 1/8".



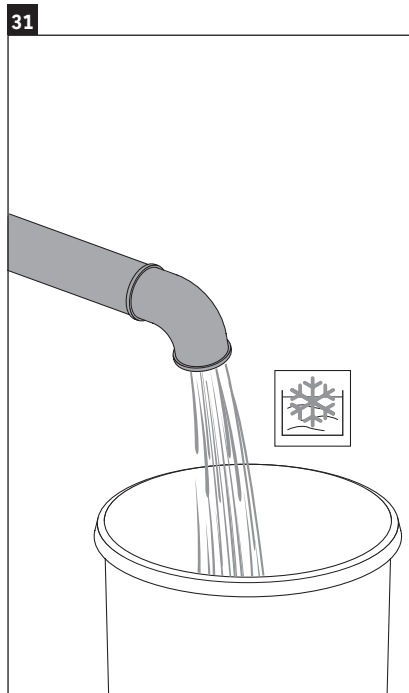
- > Secure mounting bolts to carrier.
- > Slip plastic protective covers over bolts.



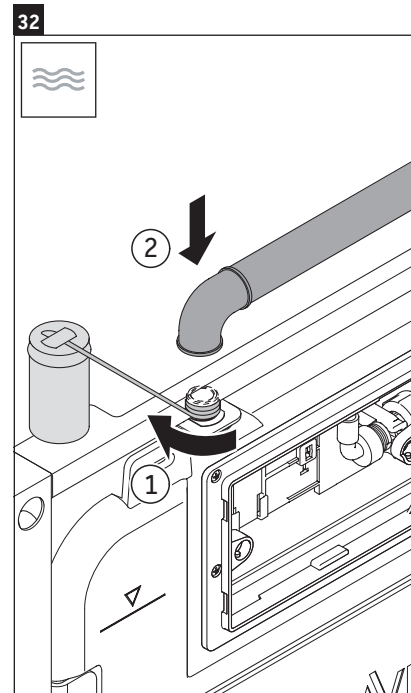
- > Remove actuator cover plate.



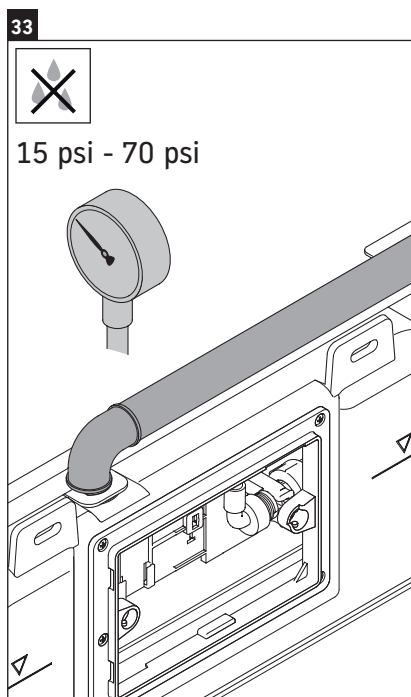
- > Ensure that the shut off valve is completely turned off before connecting water.



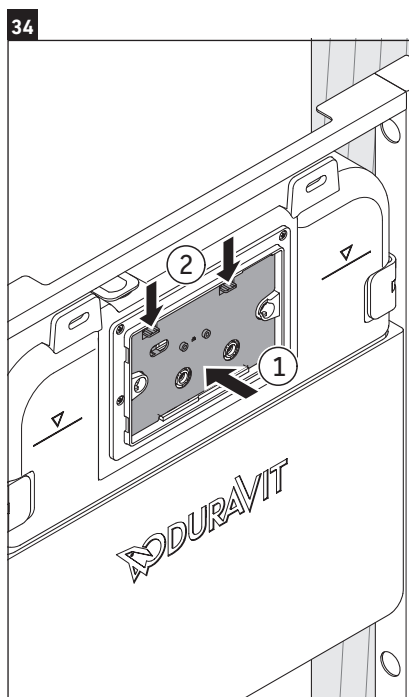
- > Purge the water line into an empty bucket to ensure any debris is cleared out of line.



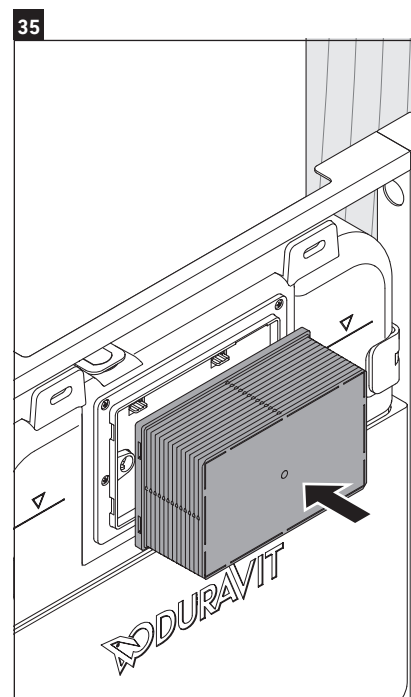
- > Apply thread seal tape around threads and connect piping.



- > Verify incoming water pressure is between 15 psi and 70 psi.



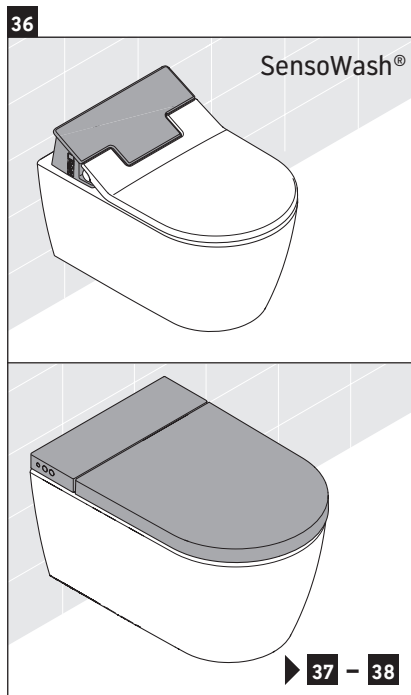
- > Replace actuator cover.



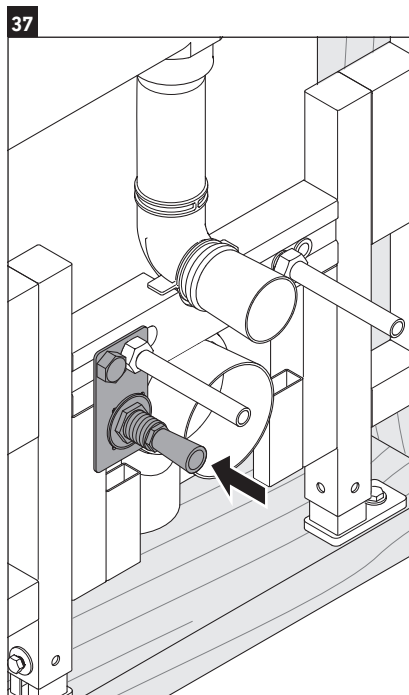
- > Install protective shield on actuator.
- > Finish the wall around the shield and cut even to finished surface.



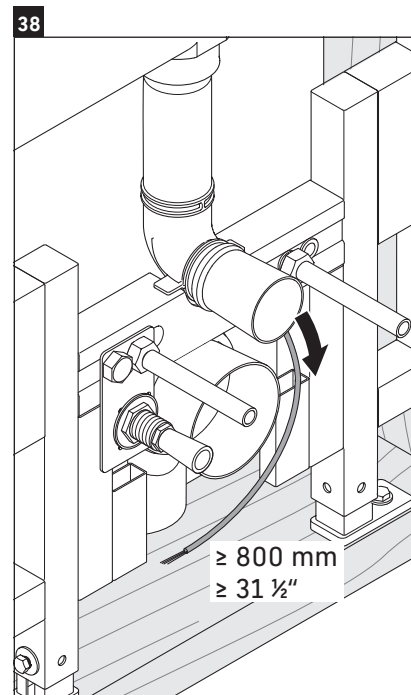
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- SensoWash® shower-toilet (optional)
- > Duravit recommends carrying out the pre-installation when subsequently installing the shower-toilet.



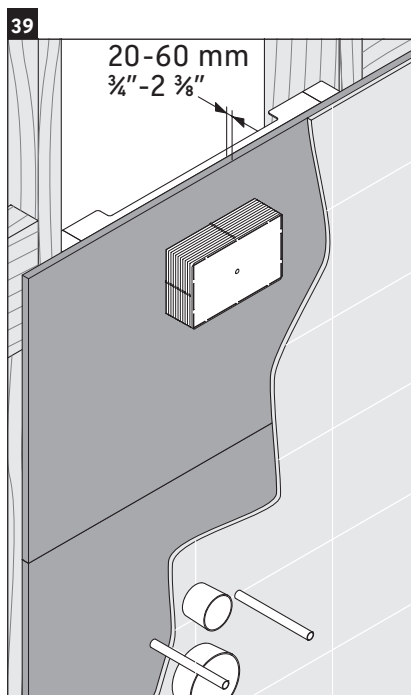
- > Install mounting kit (#005072) onto carrier.



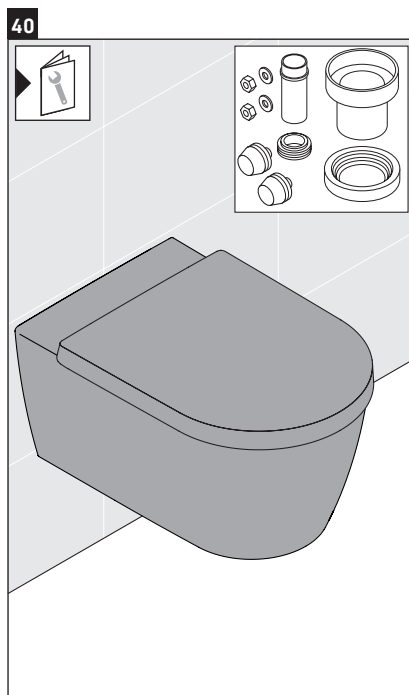
DANGER

Risk of fatal electric shock

- > Contact with electricity can lead to an electric shock.
- > Install the power supply line according to the technical instructions for the shower-toilet.
- > Connect the power supply only when the shower-toilet is installed.



- > Wall finish to be between 3/4" - 2 3/8".



NOTE

- The connecting set does not come with the bowl.
- > Store connecting set in safe location for the install of the toilet bowl.
 - > Install bowl as per instructions provided with the product.