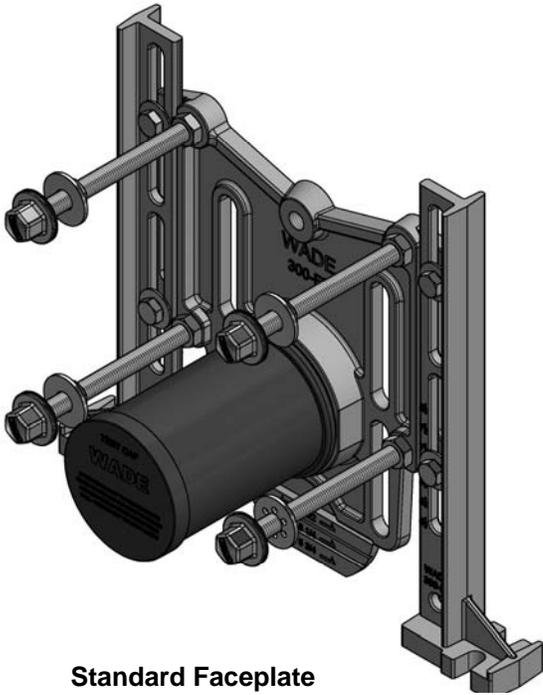


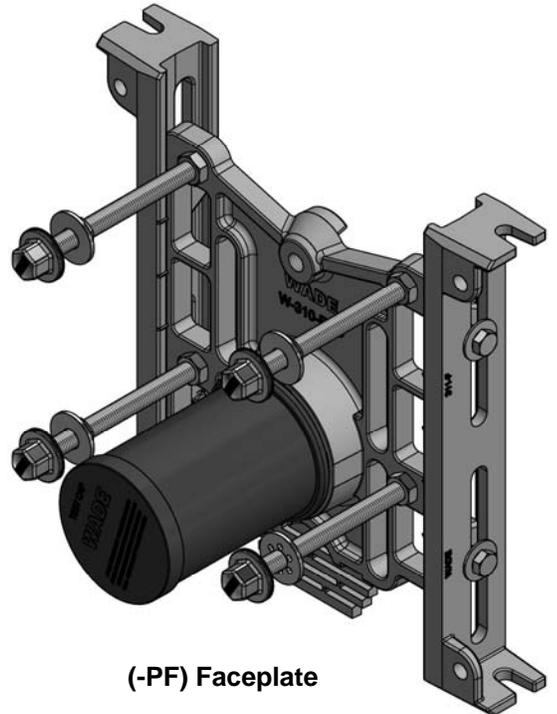
INSTALLATION, OPERATION & MAINTENANCE

330

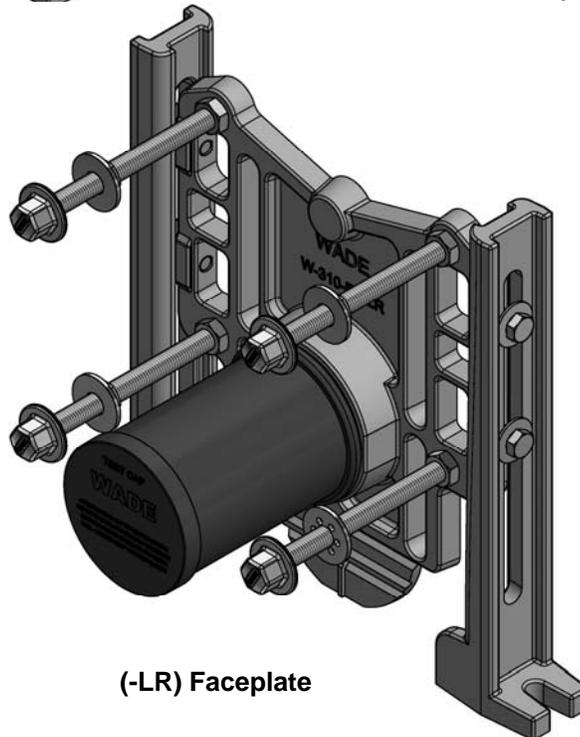
Adjustable Vertical Water Closet Carrier



Standard Faceplate



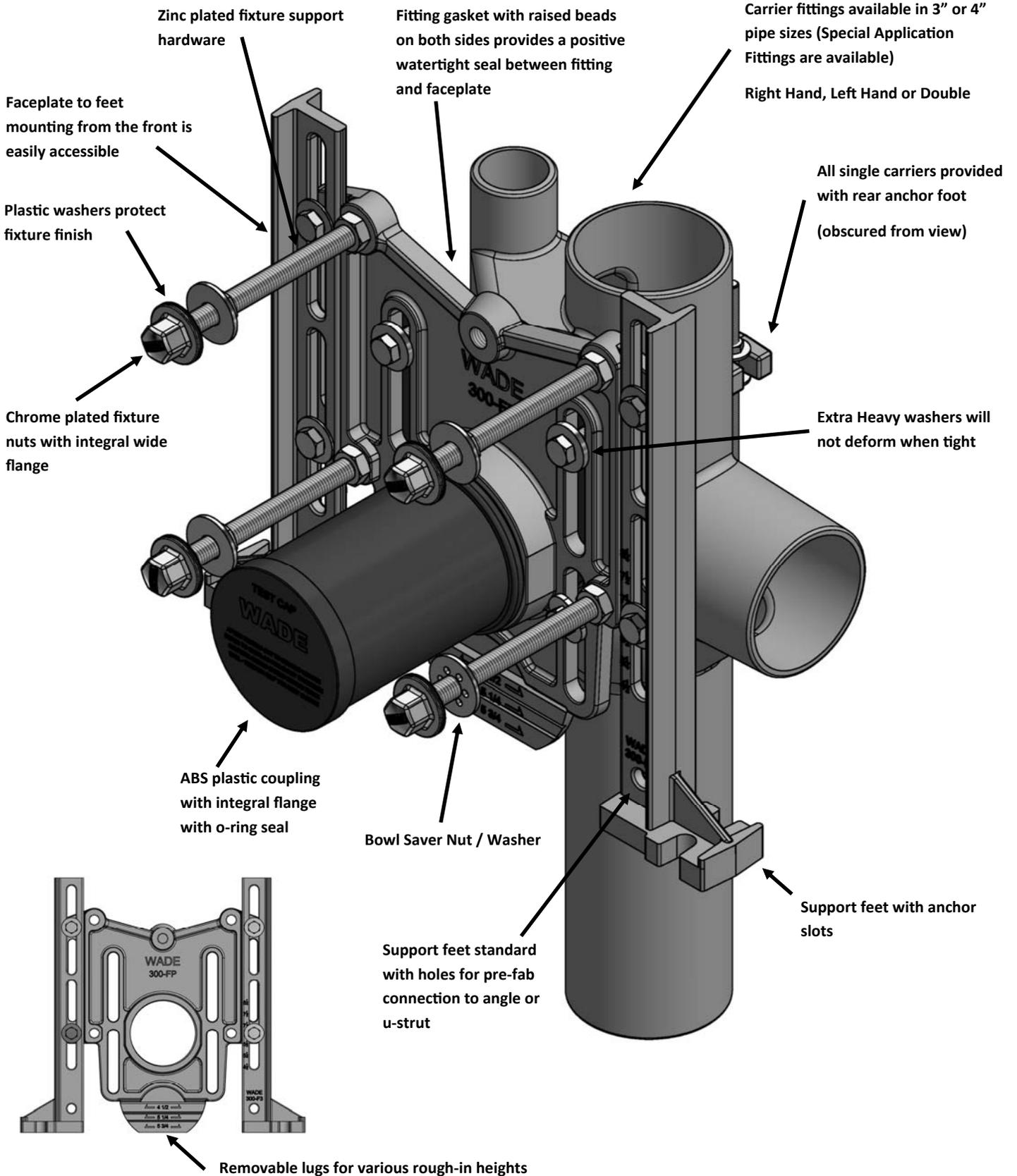
(-PF) Faceplate



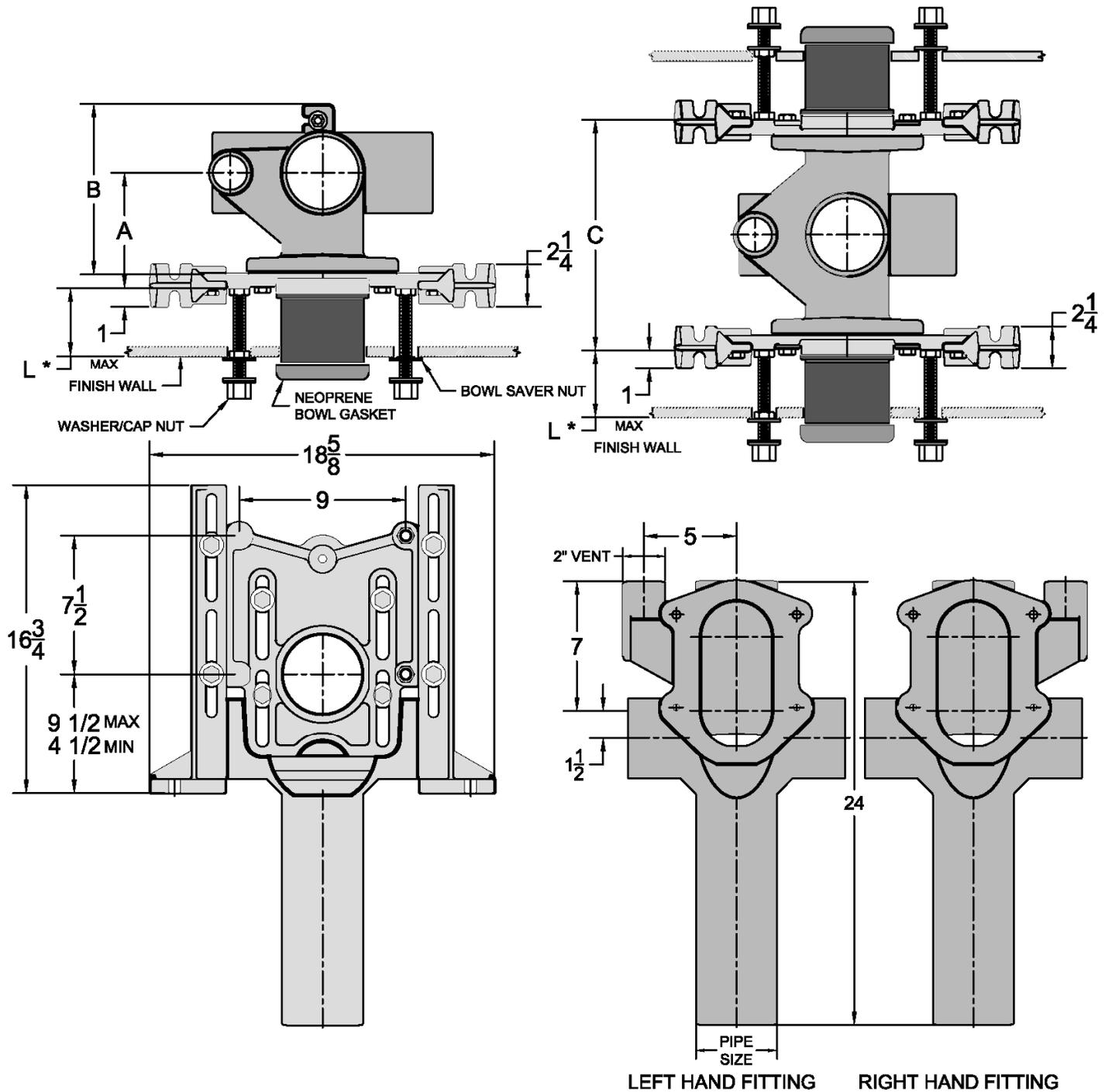
(-LR) Faceplate

330 Adjustable Vertical Water Closet Carrier

Regularly Furnished: Vertical water closet carrier with floor mounted foot support, rear anchor, 7" ABS coupling, & adjustable faceplate.



330 Adjustable Vertical Water Closet Carrier

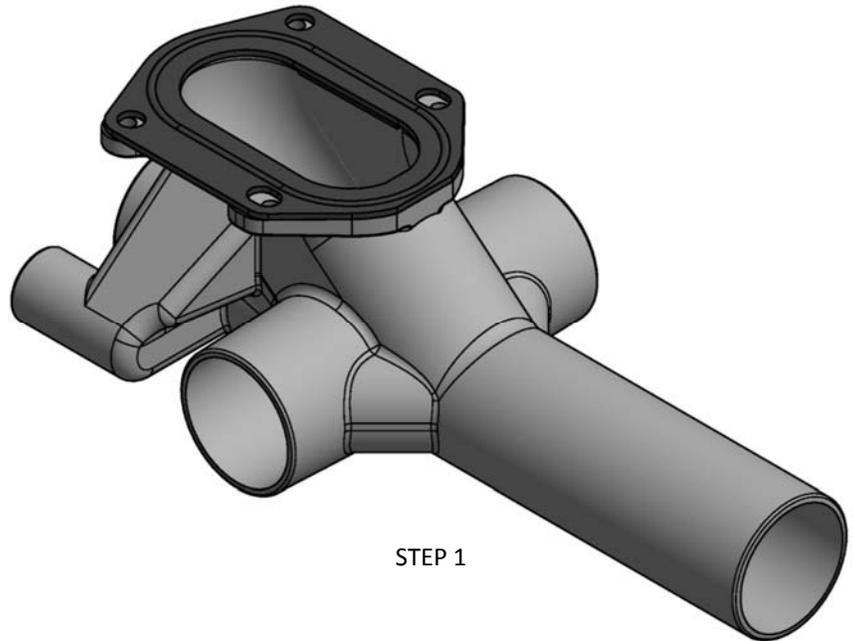


Model	Wt. Lbs.	Style	Connection Type	Dimensions		
				A	B	C
330-NR4	92.3	Single RH	No-Hub	6-1/2"	11-5/8"	-
330-NL4	92.3	Single LH				-
330-ND4	154.6	Double				13"

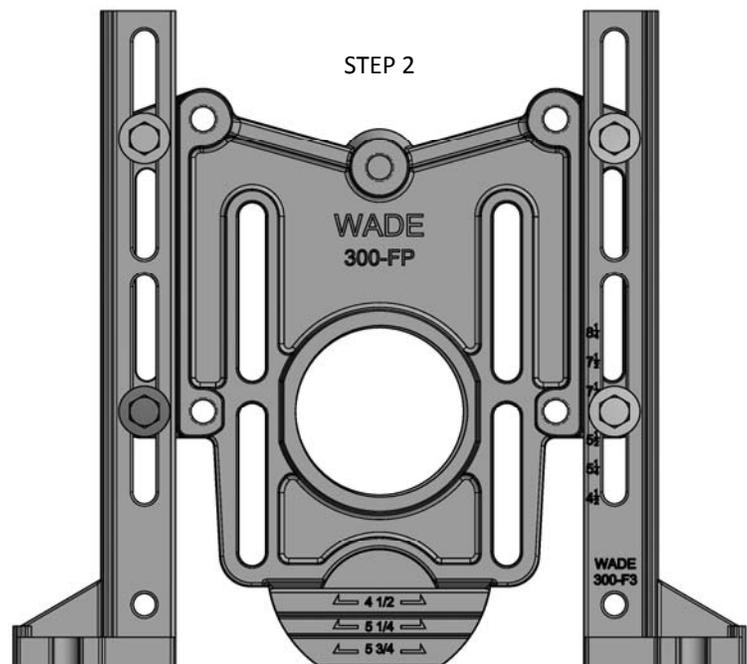
330 Adjustable Vertical Water Closet Carrier

Installation

1. Place faceplate gaskets onto each fitting, insuring the gasket lugs contact the oblong opening side walls.
2. Establish faceplate rough-in height and remove the proper lugs on the bottom of the faceplate. Adjust feet to align the bottom of each foot parallel with the bottom of the faceplate.



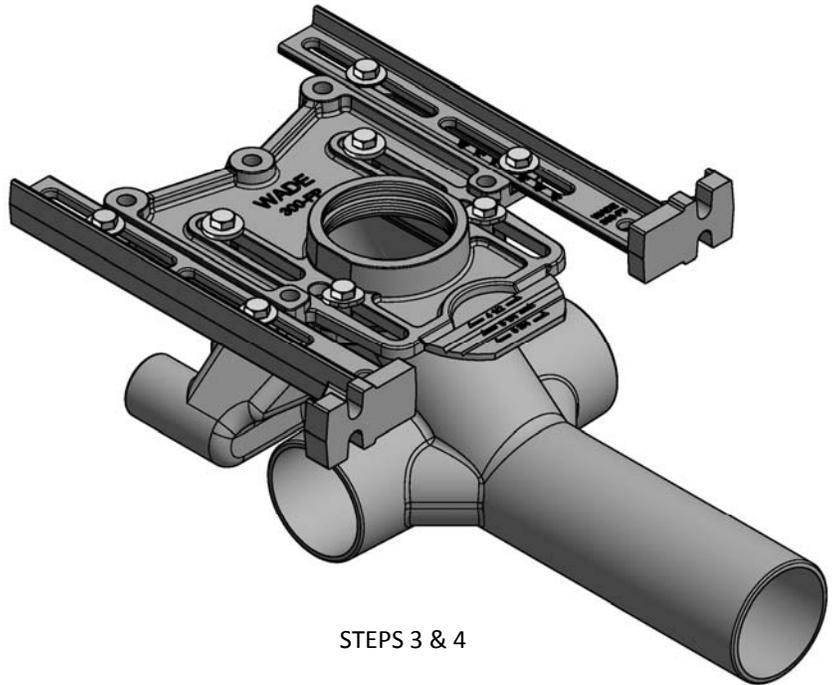
STEP 1



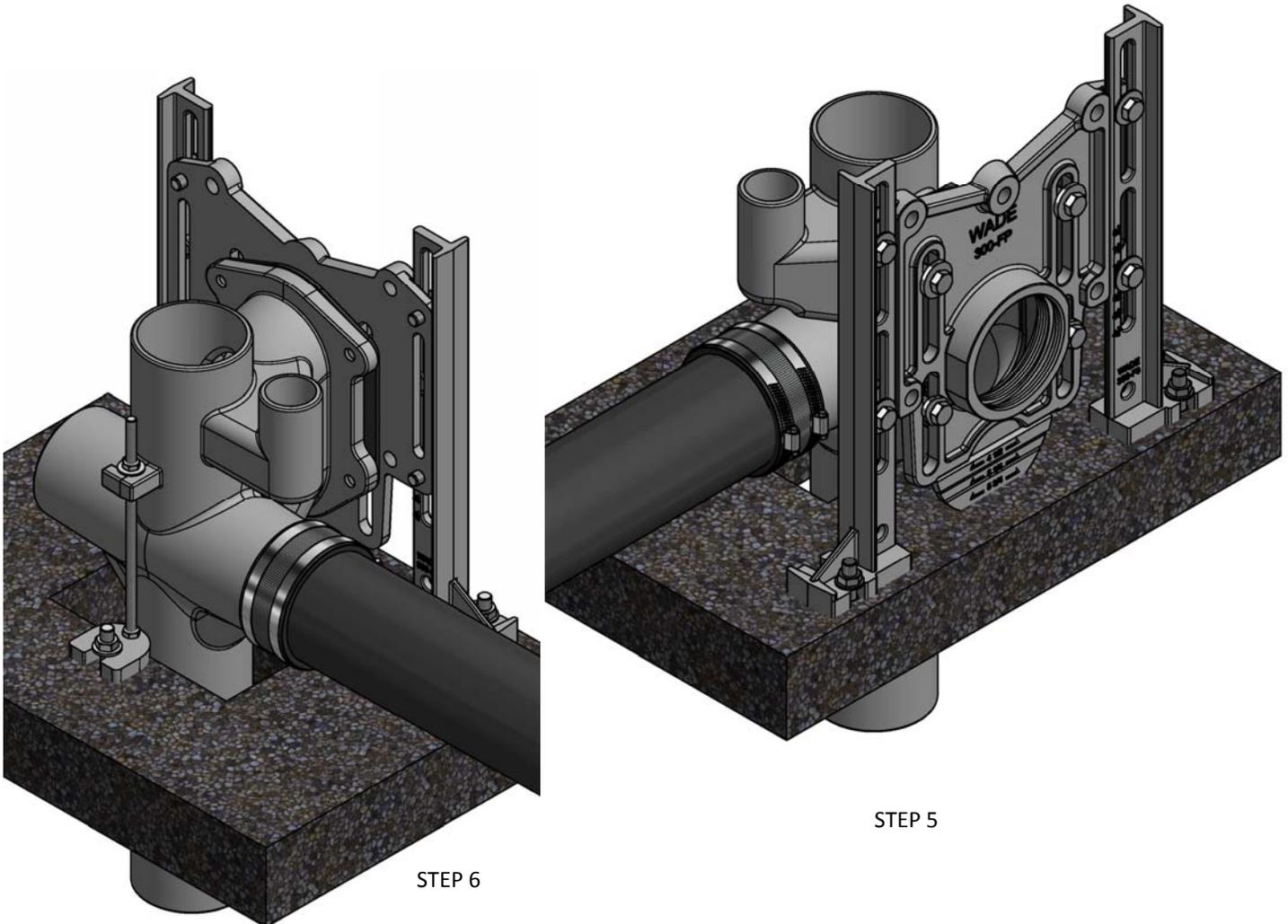
Removable Lugs

330 Adjustable Vertical Water Closet Carrier

3. Install faceplates onto the fittings, making certain to hand-tighten the four bolts.
4. Beginning with the first horizontal fitting which will be closest to the vertical stack fitting, locate the 4" auxiliary opening on the fitting to coincide with the horizontal piping. Tighten bolts with wrench alternating between bolts uniformly until gasket is sufficiently compressed.
5. Roll entire assembly 90° forward onto feet, move into position, level, align and make connections to the adjacent horizontal piping. Make sure all closet outlets are in correct position and have proper drainage pitch. Secure feet to floor structure with 1/2" anchors (by others).
6. If single carrier fittings are utilized, install the rear anchor foot assemblies and anchor to the floor structure with 1/2" anchors.



STEPS 3 & 4

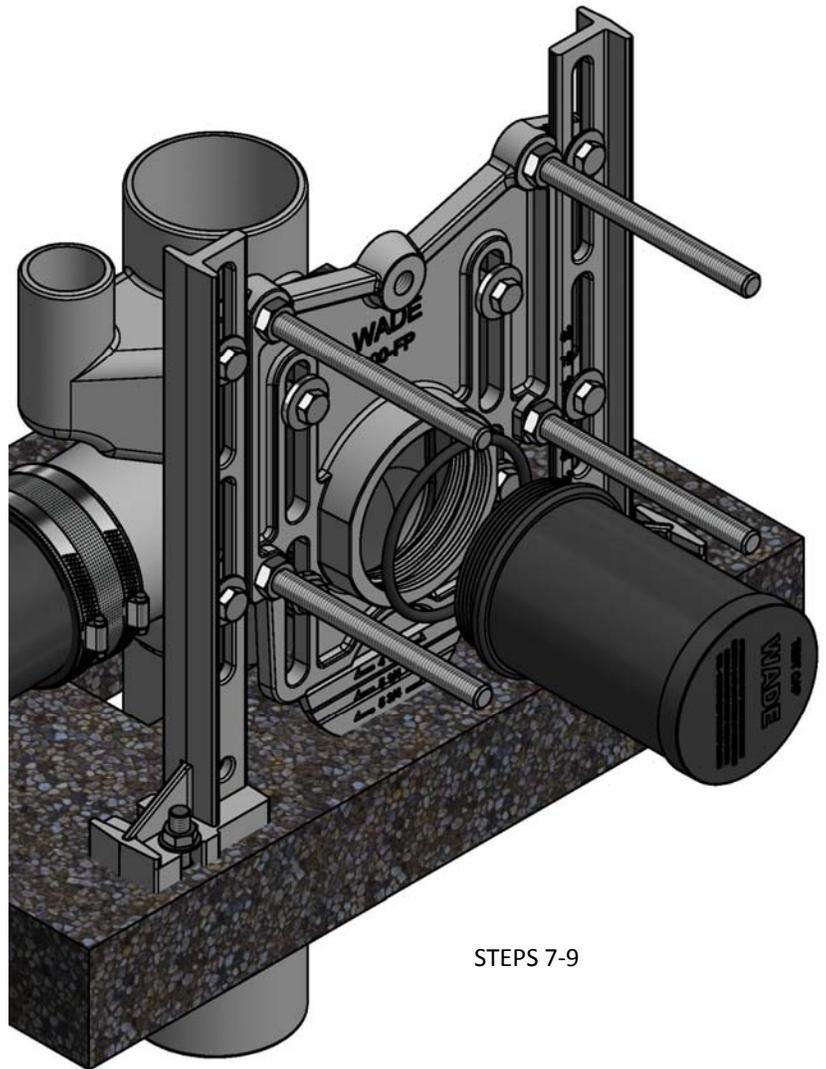


STEP 6

STEP 5

330 Adjustable Vertical Water Closet Carrier

7. Coupling installation—Make sure the faceplate face is clean and free of debris. Insert O-Ring seal over threaded end of the coupling and lubricate with white petroleum jelly provided. Screw coupling into the 4" threaded boss on the front of the faceplate until the o-ring is sufficiently compressed.
8. It is recommended that a sleeve be placed over the coupling, as this will keep mortar or joint compound from locking the coupling to the wall should the coupling need to be removed.
9. Install fixture support studs and back-up nuts into four 5/8-11NC threaded holes on faceplate. Tighten back-up nuts snugly against faceplate face. Sleeves are provided to protect the threaded studs.



STEPS 7-9

330 Adjustable Vertical Water Closet Carrier

10. Cut the threaded studs per Dimension 'E' shown in Illustration A.

11. Cut coupling per Dimension 'D' shown in illustration A.

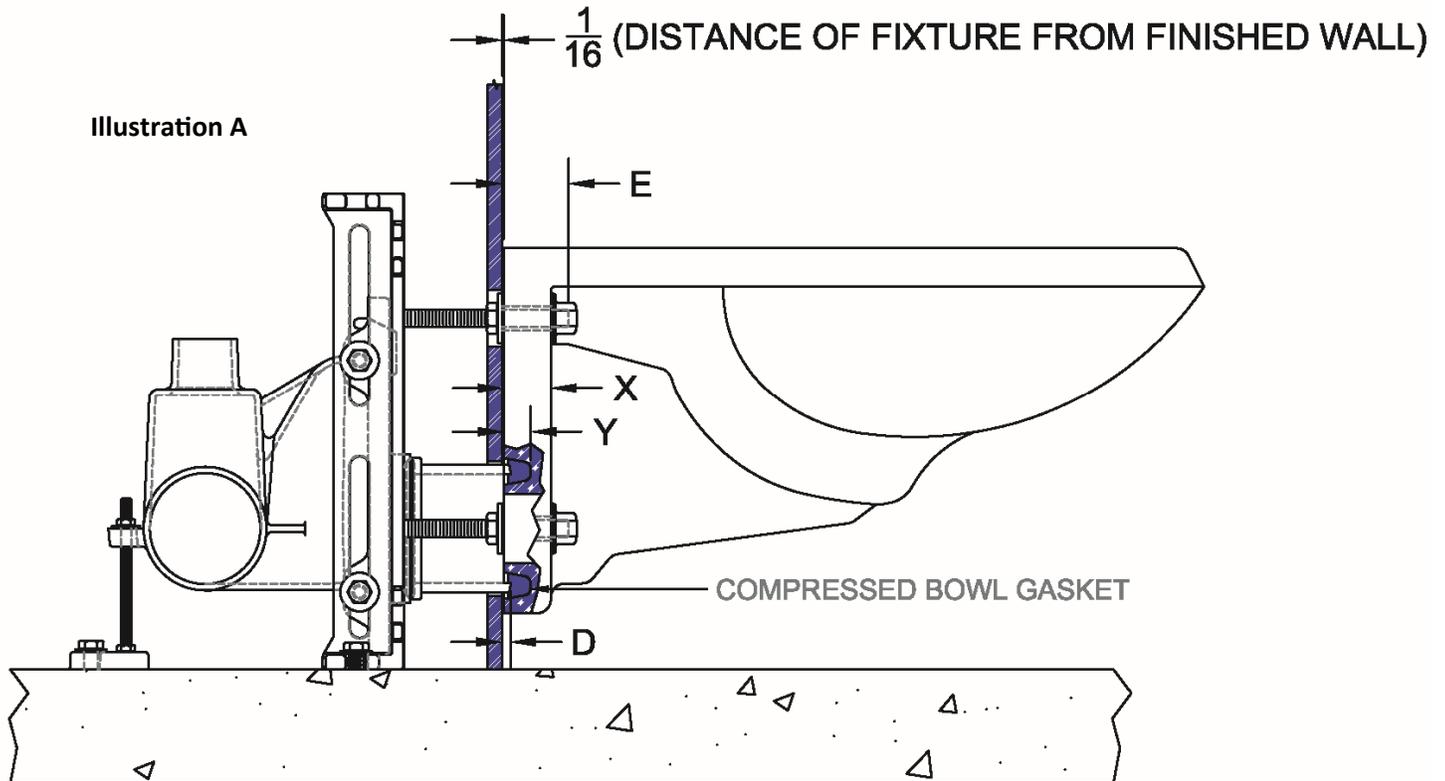


Illustration A

Formula for Dimension 'D'

(Distance the closet coupling should extend beyond the finished wall)

$$D = Y + 1/16 - 1/2$$

Formula for Dimension 'E'

(Distance the fixture support studs should extend beyond finished wall)

$$E = X + 1/16 + 5/8$$

Y = Depth of Recess of the Fixture Horn

X = Thickness of Fixture Wall Flange

1/16" = Distance Fixture Should Be Located From Finished Wall

(This allows for a bead of flexible sealant around the fixture flange)

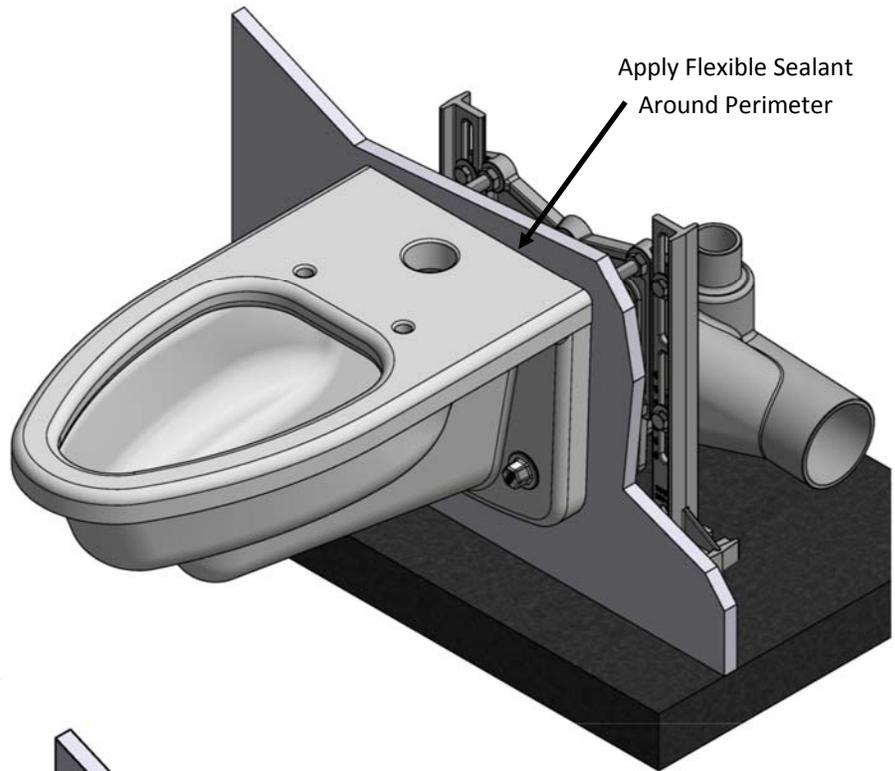
330 Adjustable Vertical Water Closet Carrier

12. After the finish wall is completed, place three back-up nuts and washers onto the top two and one bottom threaded stud 1/16" from finished wall. Install the Bowl Saver Nut on the other bottom threaded stud.

13. Fixture can be installed using the provided chrome plated hex cap nuts and plastic washers.

14. When installed correctly, the fixture will be supported by the carrier system only—the fixture should not contact the finished wall.

15. Apply a flexible sealant around the



Bowl Saver Nut is provided to eliminate fixture flange damage. After three of the fixture nuts are tightened, use a nail or punch to screw the bowl saver nut into contact with the back of the fixture flange, then install the remaining chrome plated fixture nut and plastic washer.

