

PRIMO BLACK GRANITE SURROUND FINISH

PRIMO48-GR, PRIMO48ST-GR, PRIMO60-GR, PRIMO60ST-GR, PRIMO72-GR, PRIMO72ST-GR

MODELS: PRIMO48, PRIMO48ST, PRIMO60, PRIMO60ST, PRIMO72, PRIMO72ST

Installation Instructions



Leave this manual with party responsible for use and operation.

CAUTION! Risk of Cuts, Abrasions or Flying Debris. Wear protective gloves and safety glasses during installation. Sheet metal edges are sharp.

This appliance comes standard with patented SafeSurface™ Glass which keeps the surface temperature of the barrier glass at a safe level and will still be hot to the touch when operated for long periods of time.

If the barrier glass is removed, the inner glass temperature will be very hot and cause burns.



HOT GLASS WILL CAUSE BURNS.

DO NOT TOUCH GLASS UNTIL COOLED.

NEVER ALLOW CHILDREN TO TOUCH GLASS.

A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and shall be installed for the protection of children and other at-risk individuals.

CAUTION! Do not install damaged components.

WARNING! Risk of Fire! DO NOT apply combustible materials beyond the minimum clearances. Comply with all minimum clearances to combustibles as specified in appliance installation manual.

Note: To avoid potential damage to hearth pad or flooring, protect area in front of fireplace by laying cardboard or blanket down.

Facing and Finishing - General Information

WARNING! Risk of Fire! Comply with all minimum clearances to combustibles as specified. Framing closer than the minimums listed must be constructed entirely of noncombustible materials (i.e., steel studs, concrete board, etc.).

Splatter Guard

The splatter guard is a piece of corrugated material used to protect the appliance during the installation process before finishing work on the whole hearth is complete. A splatter guard is factory-installed on PRIMO models. Splatter guards must be removed before appliance is fired.

WARNING! Risk of Fire! Remove the splatter guard before lighting the appliance. Shut off gas to the appliance when the splatter guard is in place to prevent accidental operation.

Finishing Instructions

It is important to follow the framing and finishing instructions to ensure proper placement of fireplace into the surrounding framing/finishing materials.

Wall sheathing materials 1/2 in. thick are specified in this installation manual to properly align with the optional finishing methods offered with this appliance. The PRIMO may be finished to the appliance opening with 1/2 inch thick sheetrock.

- Ensure that the one inch back clearance and one inch side clearances are maintained.

WARNING! Risk of Fire! Maintain specified air space clearances to combustibles. Inadequate air space could cause overheating and fire.

WARNING! Risk of Fire, Explosion or Asphyxiation!
DO NOT use screws more than 3/4 inch long on lower access cover panel. Longer screws may penetrate gas line or damage valve or electrical components.

The appliance is designed to be used with 1/2 in. wall sheathing materials such as drywall, plywood, wood composites, or non-combustible materials.

Note: It is acceptable to use a high temperature silicone sealant to adhere drywall to lower access cover panel.

Finish and Sealing Joints

All joints between the finished wall sheathing and the appliance must be sealed with non-combustible materials. Sealants, such as caulk or mastic used to seal the gap between the wall and the fireplace, should be rated at a minimum continuous exposure to 300°F.

Facing Material

- Facing and/or finishing materials must never overhang into the glass opening. See Figure 2.
- Facing materials may be combustible or non-combustible.

WARNING! Risk of Fire! DO NOT apply combustible materials beyond the minimum clearances. Comply with all minimum clearances to combustibles as specified in this manual. Overlapping materials could ignite and will interfere with proper operation.

Painting

If desired finishing includes a painted wall, 100% acrylic latex, oil-based or standard acrylic paints may be used. Follow paint manufacturer's instructions for paint and primer application.

WARNING! Risk of Injury! Risk of Explosion! Install fasteners as instructed.

- Gas train could be damaged causing a gas leak.
- Electrical components could be damaged causing electrical shock.
- LED'S could be damaged.
- Glass installation could be obstructed.

Note: It is acceptable to use a high temperature silicone sealant to adhere drywall to lower access cover panel.

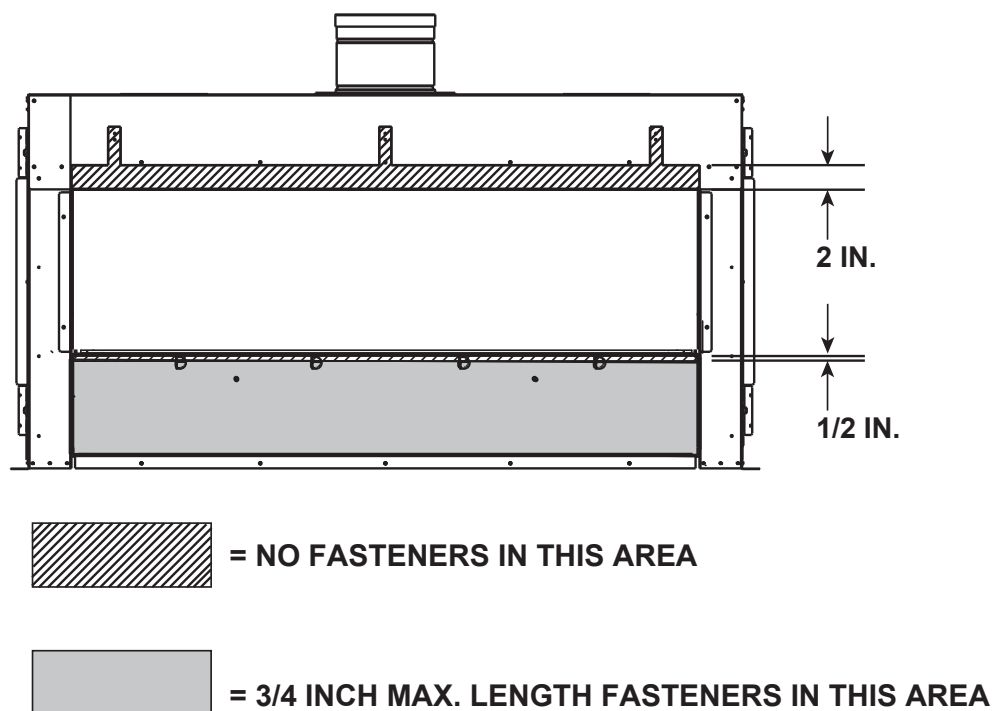


Figure 1. Screw Length Requirements

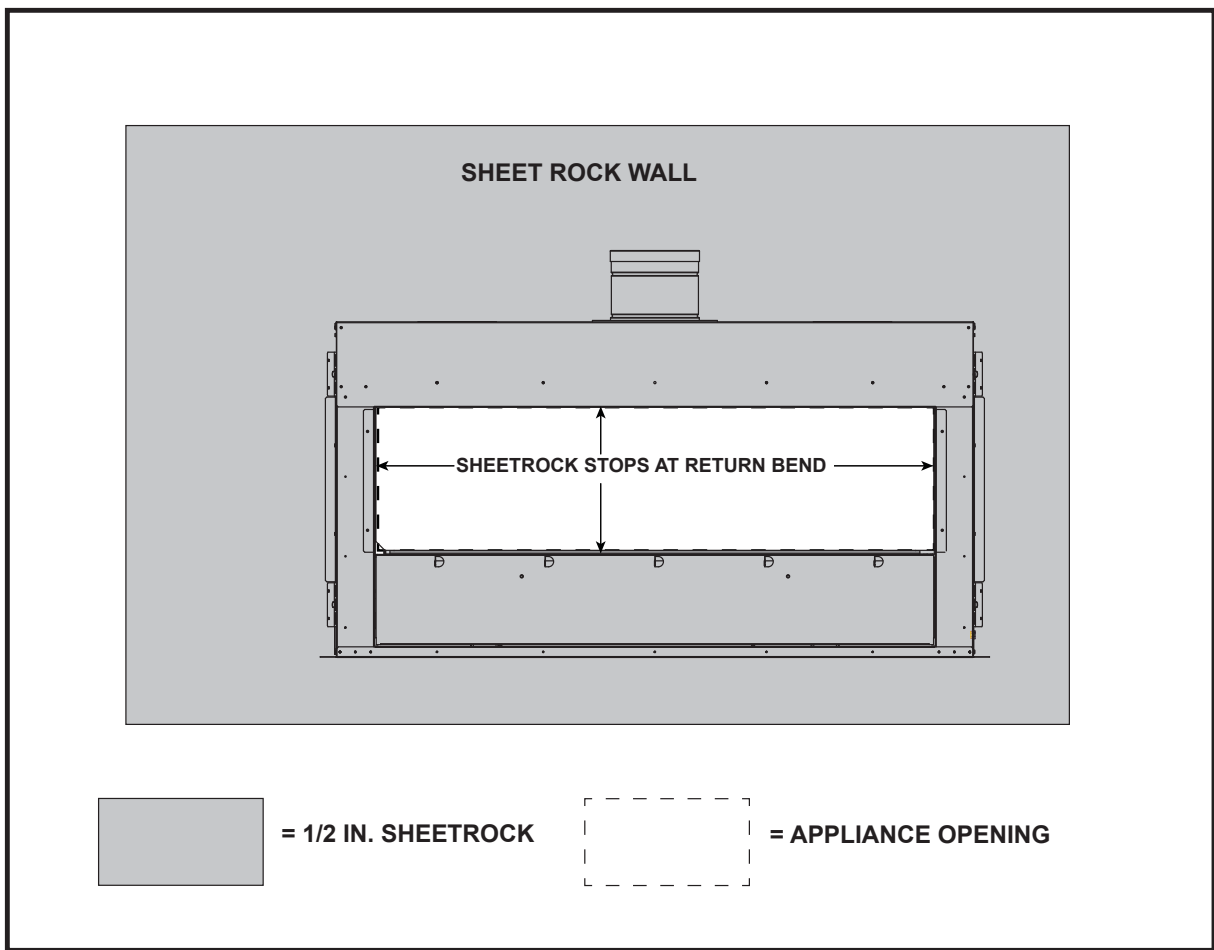


Figure 2. Sheetrock Detail for Both Finishing Methods

Wall Preparation

Figure 3 shows the PRIMO installed in a sheetrocked wall.

1. Install 1/2 inch sheetrock up to appliance top, bottom and sides of the appliance opening as shown in Figure 3 and Figure 4.
2. Do not install the sheetrock trim strips which are included with the appliance. The strips would keep the granite from being installed level. They are required for the Clean Face finishing method only.
3. A flat sheetrock surface will allow for the granite surround to sit flat. Sheetrock seams will lead to granite not being level. See Figure 3.

NOTICE: DO NOT install sheetrock trim strips. Granite pieces will not be level.

The wall and granite pieces must be clean, free from dust and construction debris, and dry before beginning installation. Dust or moisture may prohibit the adhesive from performing effectively.

For the adhesive, choose a 100% silicone or strong construction adhesive with an aggressive tack intended to hold heavy material and that also is approved for high temperatures (250°F minimum).

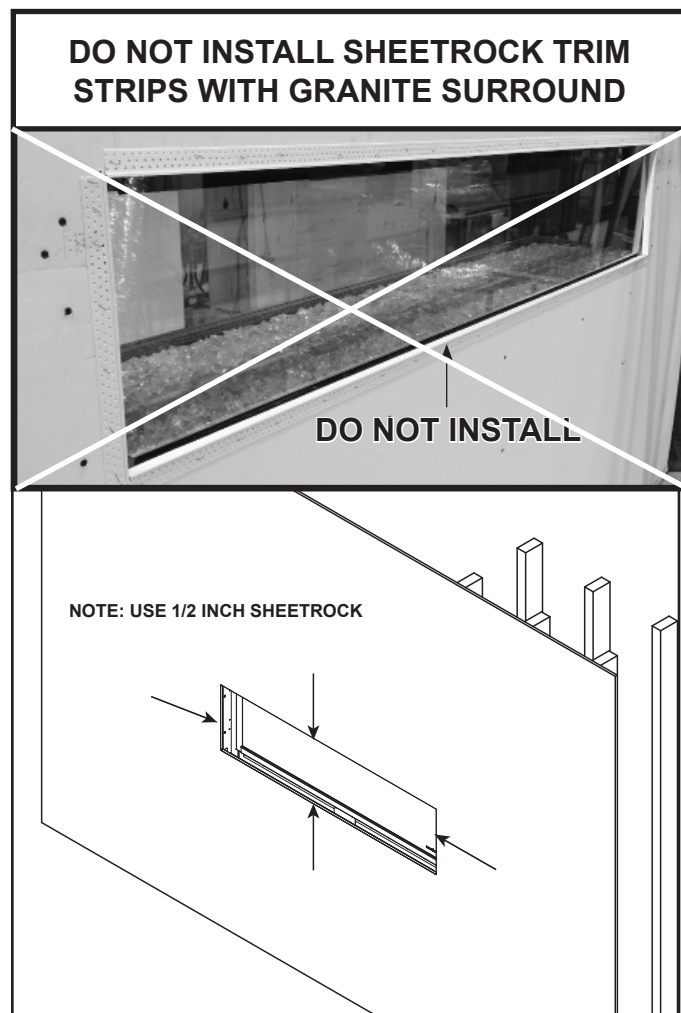


Figure 4. Do Not Install Sheetrock Trim Strips

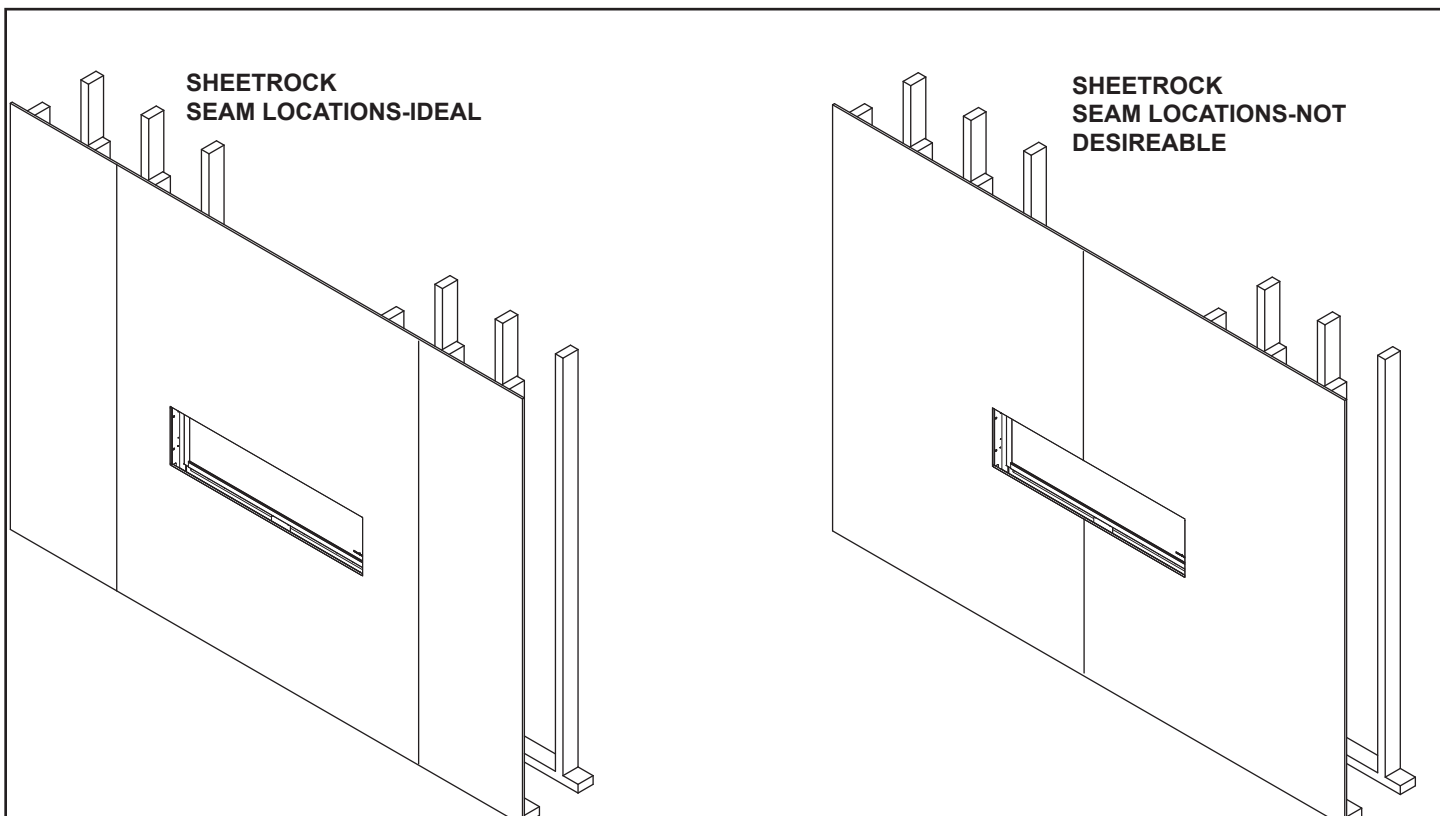


Figure 3. Sheetrock Seams - Prior to Granite installation

Granite Panel Installation

KIT COMPONENTS

- (1) Left Panel
- (1) Right Panel
- (1) Back Panel (Single-sided models only)
- (2) Retaining Brackets
- (1) Barrier Glass (Qty 2 on See-Through models)

CAUTION! Risk of Injury! It is recommended that granite panel installation and removal be performed by two qualified service technicians.

Inside Granite Back Panel Weights		
PRIMO48	PRIMO60	PRIMO72
51 lbs	63.5 lbs	76 lbs

See-Through Models: Start at Step 3.

1. Single-Sided Models:

Set back panel, in location A in Figure 5, into firebox. Back panel will be held in place by the side panels and will sit on the heads of the screws holding the media tray in place. Set back panel against the back wall of the firebox with the polished side of the panel facing outward. Hold back panel in place while installing the left/right panels per step 2.

2. Single-Sided Models:

Set left side panel, in location B in Figure 5, into firebox with the polished side facing outward. Place retaining bracket over panel so holes in the bracket are against the firebox side. Use two self-drilling screws to secure the bracket to the firebox side. See Figure 6. Repeat for right side panel.

3. See-Through Models:

Set left side panel, in location B in Figure 5, into firebox with the polished side facing outward. Place retaining bracket over panel so holes in the bracket are against the firebox side. Use two self-drilling screws to secure the bracket to the firebox side. See Figure 6. Repeat for right side panel.

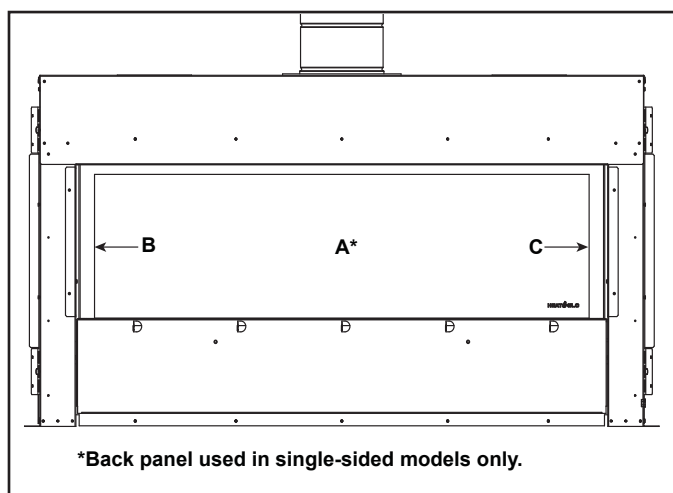


Figure 5. Placement of Panels

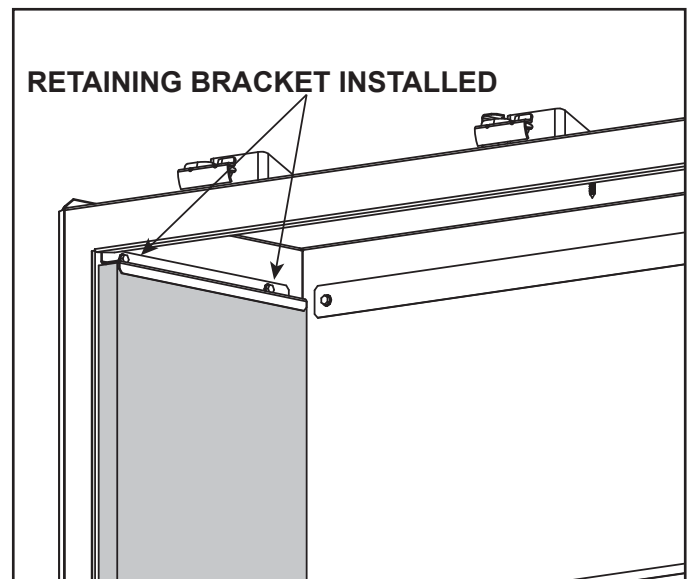


Figure 6. Granite Retaining Bracket

Granite Surround Installation

Note: Install granite pieces in the order indicated in Figure 7.

1. Install leveling shoulder bolts to the granite transition brackets. See Figure 8. The bolts can be used to level the side granite pieces.
2. Install granite transition bracket on left and right sides of appliance opening as shown in Figure 8. Attach brackets with the two shoulder bolts and tighten.

CAUTION! Risk of Injury! Granite is heavy. Installation of top and bottom granite pieces requires at least two people.

Granite Weights Top/Bottom Pieces (Each)		
PRIMO48	PRIMO60	PRIMO72
29.4 lbs	35.4 lbs	41.5 lbs

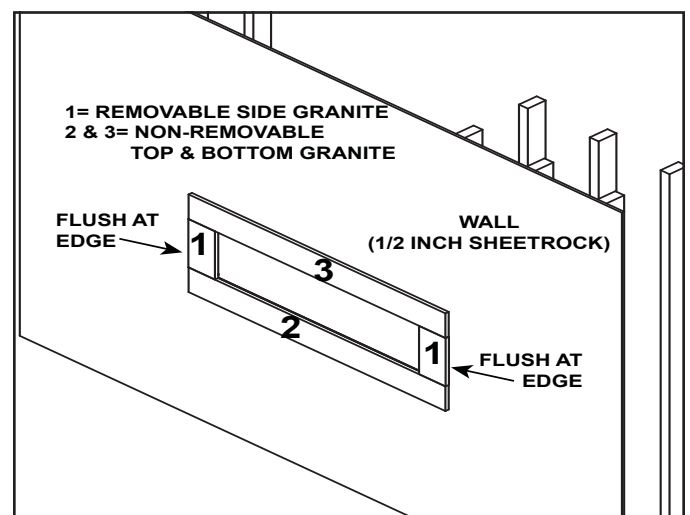


Figure 7. Sequence of Granite Piece Placement

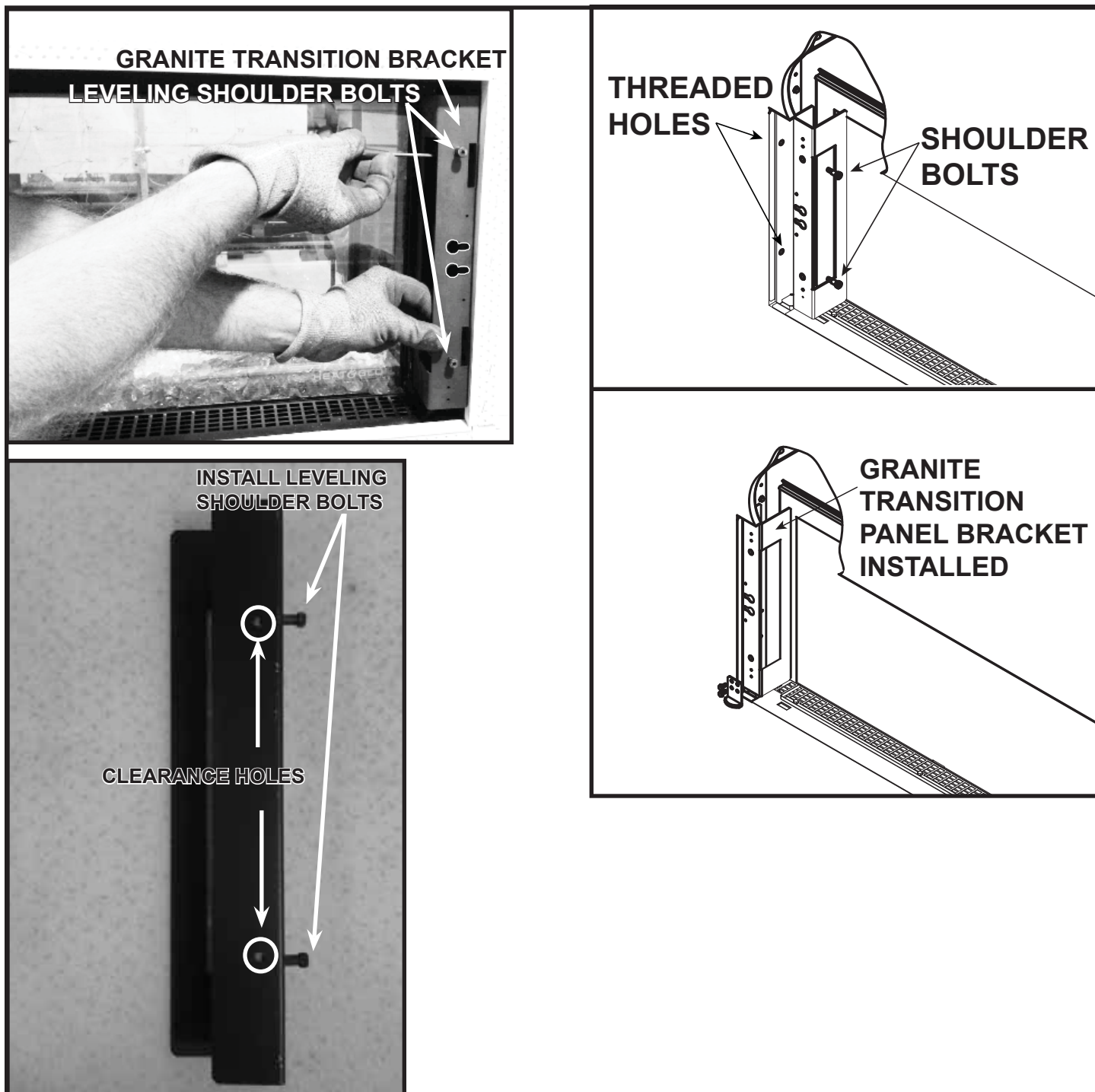


Figure 8. Install Granite Transition Brackets

3. Install right outside granite by aligning the bolts on the back of the granite piece with bottom hole on granite transition panel bracket. Insert the bolt* in the bottom slot. See Figure 9. Align and slide toward outside of appliance. Repeat with left side granite.

*Bolt detail: M6-1.00 x 25 Hex Head



Figure 9. Install Side Granite Pieces

NOTICE! Verify the left and right side granite locations before installing the top and bottom granite. See Figures 9, 11, 13.

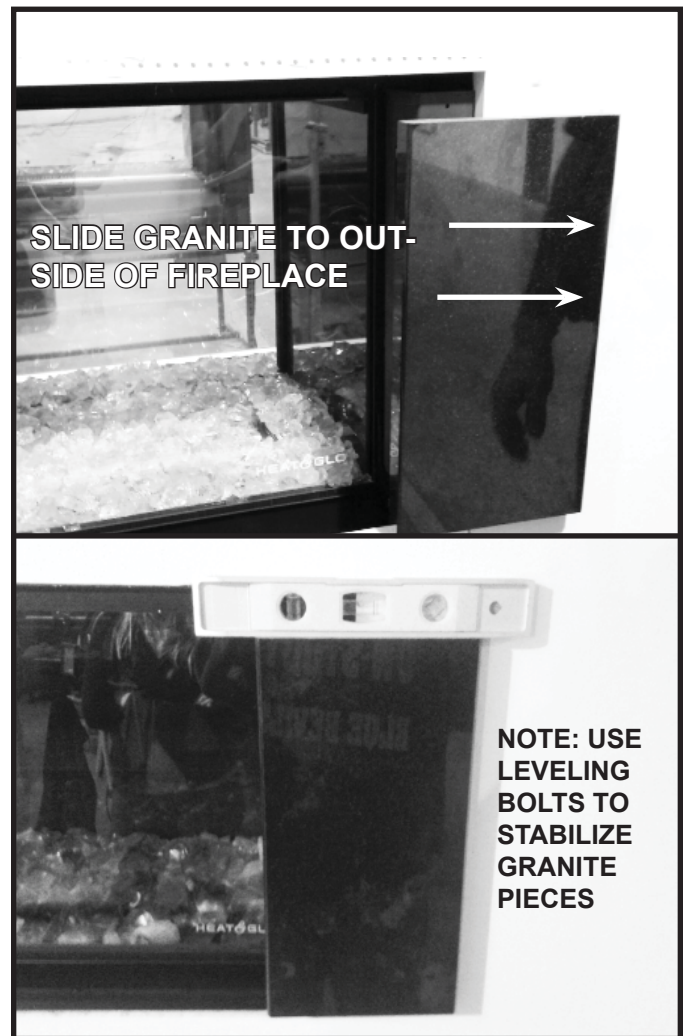


Figure 10. Right Side Granite Piece Installed and Levelled

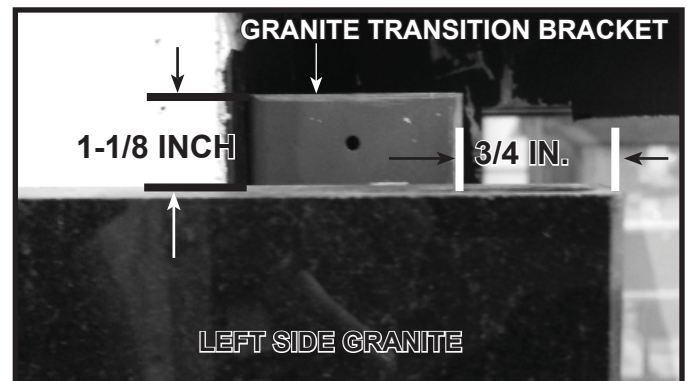


Figure 11. Verify Side Granite Reference Dimensions

- Slide both side granite pieces outward as shown in Figure 13. Verify dimensions in Figure 9, 11 and 13.
- Place plastic washers as shown in Figure 13. The washers serve as spacers for granite placement. If washers are not used, the side granite will be difficult to remove.
- Apply a generous amount of adhesive to the back side of the bottom granite piece. The same method will be used for top and bottom pieces. See Figure 12 for appropriate zone to apply adhesive. DO NOT apply adhesive too close to the edges. Leave 1 in. around edges. Avoid leakage of adhesive around edges by not applying it too close to the edge of the granite. Place the bottom piece and hold with braces and clamps to support granite.

NOTICE! Verify the left and right side granite is correctly installed per Figure 9, 11 and 13.

- Align the top edge with the bottom of the left and right outside pieces so the edges of the bottom piece are flush with the side pieces. See Figure 13. Secure the bottom granite in place with clamps or braces. See Figure 13. Do not remove supports or operate fireplace for 24 hours.
- Apply a generous amount of adhesive to the back side of the top granite piece. See Figure 12. The granite material is heavy and will need to be adequately secured to the wall.

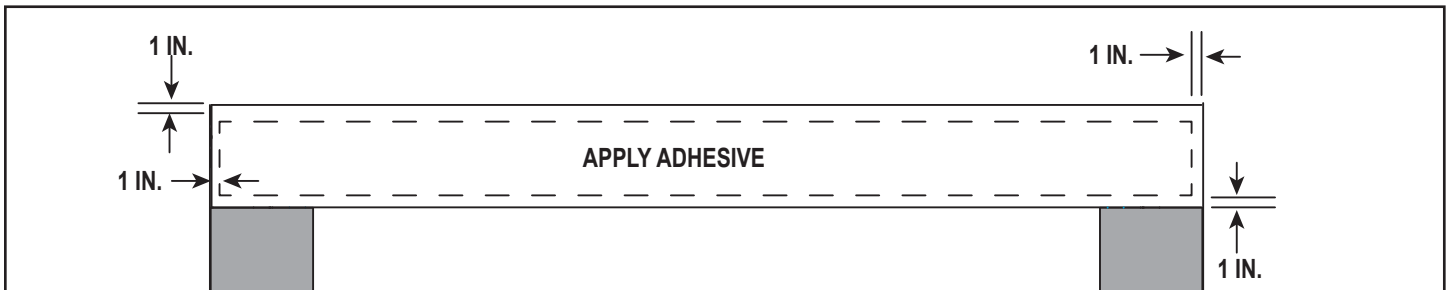


Figure 12. Apply Adhesive For Top and Bottom Granite

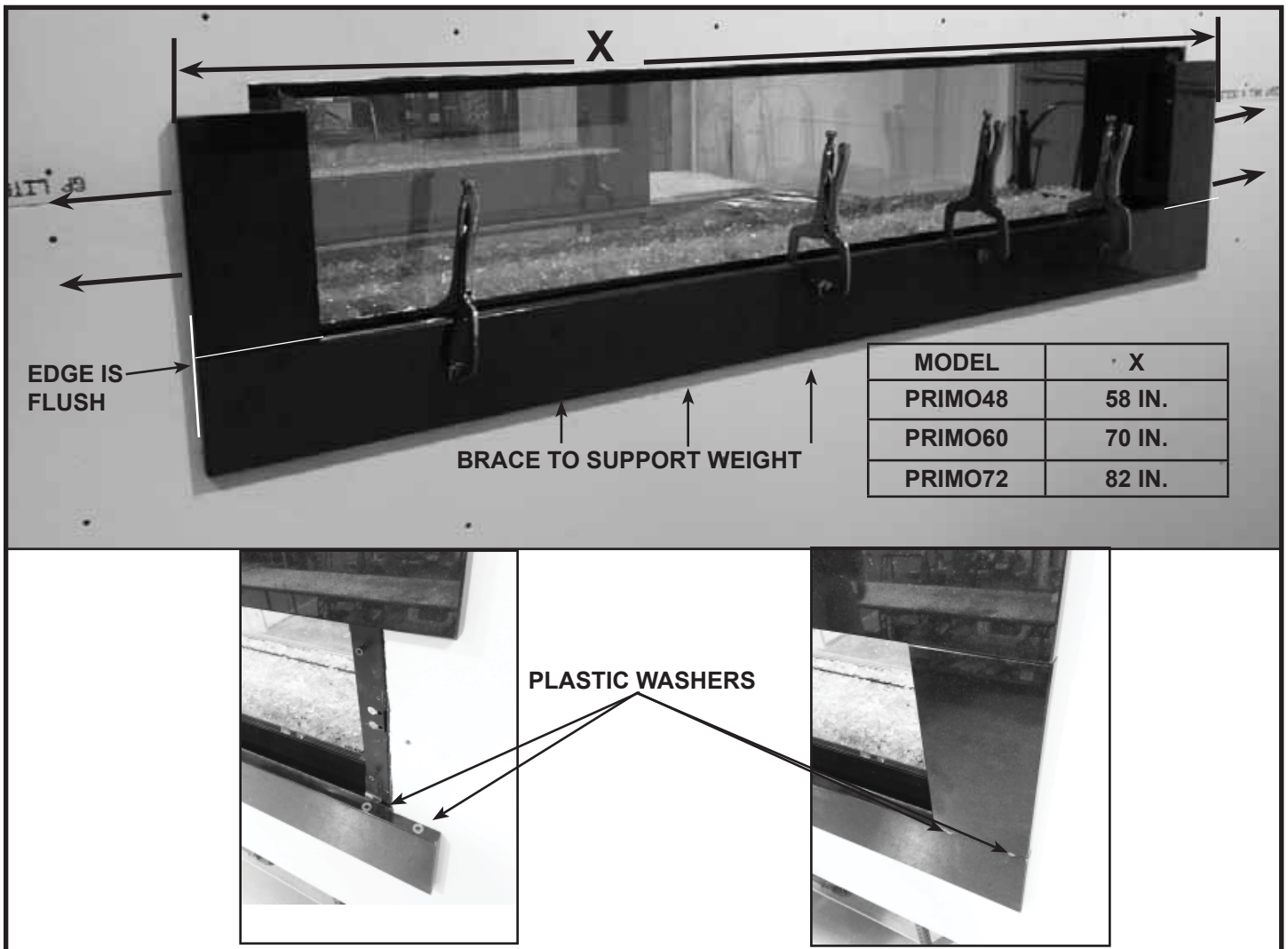


Figure 13. Bottom Granite Piece Installed

9. Center the top granite piece in position on top of the two side pieces ensuring that the left and right edges of the top piece are flush with the edges of the left and right outside granite pieces. See Figure 7.
10. Secure the top granite in place with clamps or braces.

NOTICE! Allow the adhesive to dry 24 hours. Remove and discard plastic washers.

11. Install the transition media tray in the location as shown in Figure 15. Remove side granite for access.
12. Bend the tabs on each end of the transition media ledge. This will allow for granite clearance. See Figure 14.
13. Install the transition granite panels as shown in Figure 15.
14. Place the granite locating tab on the top of the transition granite. The bracket is used to secure the transition granite to the transition panel bracket. See Figure 15.
15. Install the glass support bracket. See Figure 15.
16. Attach the rubber bumpers to the glass support bracket. See Figure 15.
17. Insert top of barrier glass behind granite and place the bottom on barrier glass supports. Center the barrier glass. Secure the D-Shaped glass retaining brackets on left and right sides with screws. See Figure 16.
18. Reinstall side granite. See Figure 9.

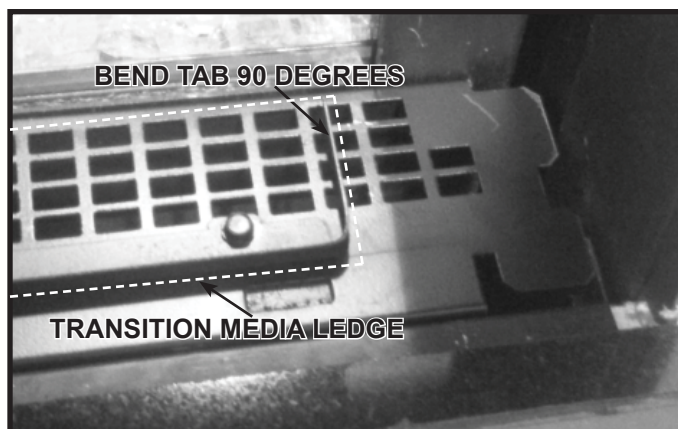


Figure 14. Transition Media Tray Installed

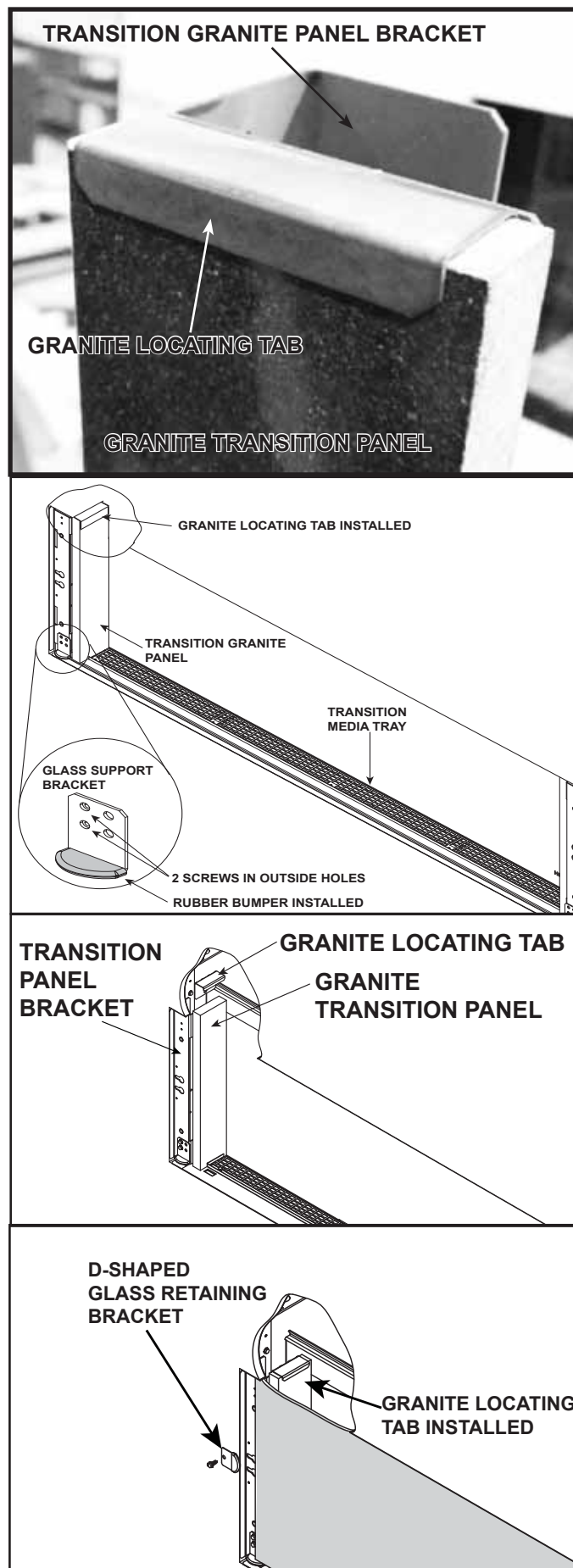
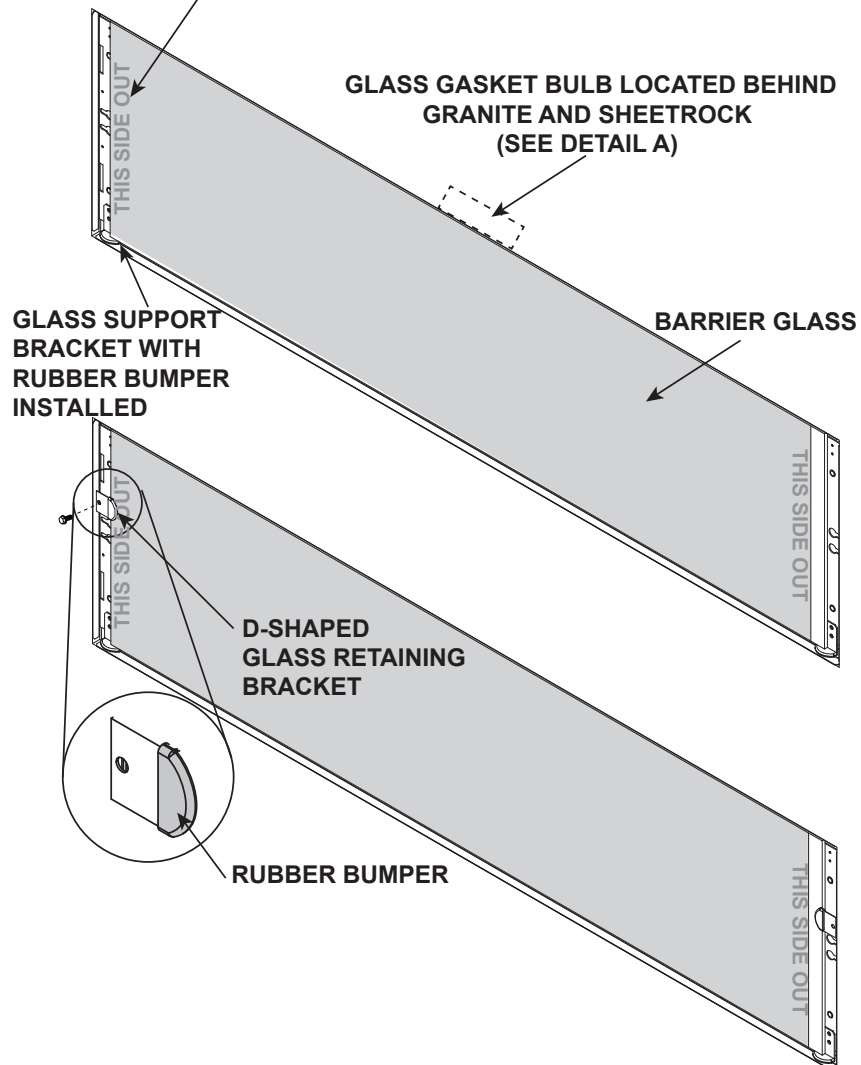
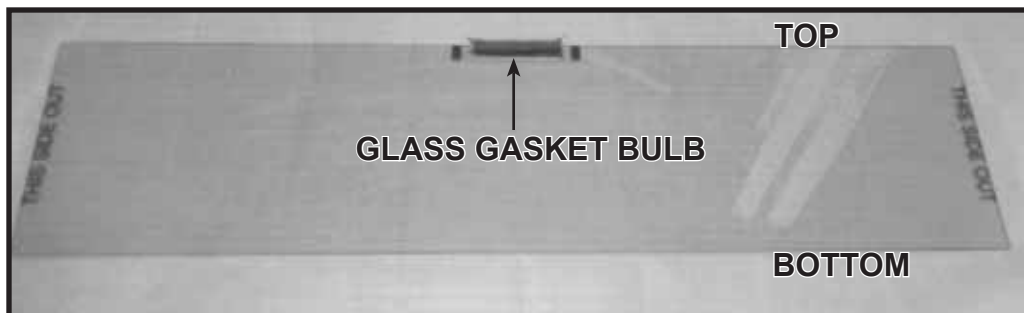


Figure 15. Install Transition Granite and Granite Locating Tab (Shown with Side Granite Removed)

**NOTE: INSTALL BARRIER GLASS PRINTED SIDE OUT.
“THIS SIDE OUT” MUST BE LEGIBLE ON BARRIER GLASS.**



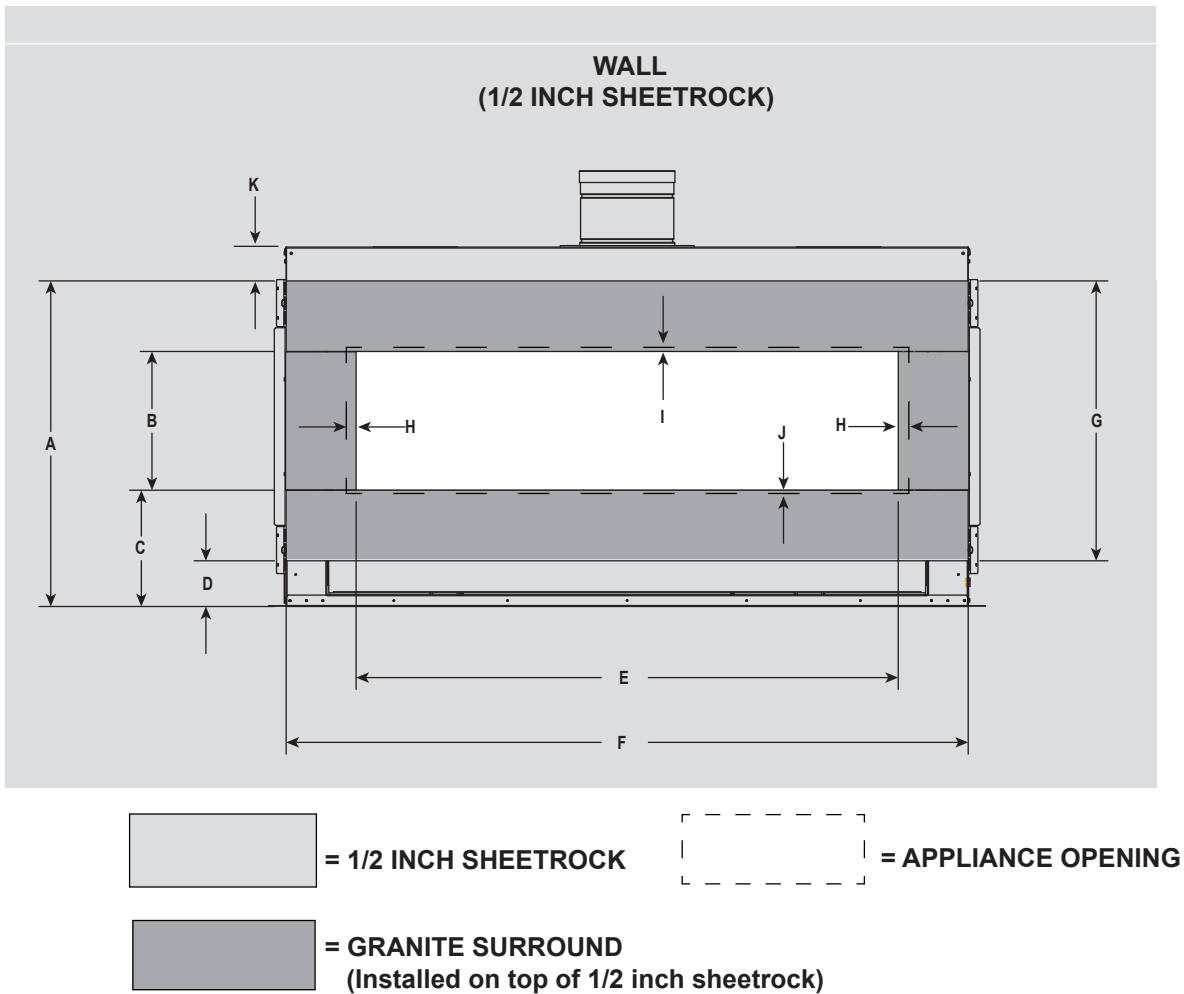
DETAIL A



**Figure 16. Install Barrier Glass and D-Shaped Glass Retaining
Bracket (Shown with Side Granite Removed)**

DESCRIPTION	PRIMO48	PRIMO60	PRIMO72
GRANITE KIT	PRIMO48-GR PRIMO48ST-GR	PRIMO60-GR PRIMO60ST-GR	PRIMO72-GR PRIMO72ST-GR
TRANSITION PANEL BRACKET	2310-023	2310-023	2310-023
SURROUND BARRIER GLASS	GLA2310-101	GLA2329-101	GLA2336-101
D-SHAPED GLASS RETAINING BRACKET	2310-116	2310-116	2310-116
GLASS SUPPORT BRACKET	2310-119	2310-119	2310-119
GRANITE LOCATING TAB	2310-146	2310-146	2310-146
SHOULDER BOLT	319-835	319-835	319-835
RUBBER BUMPER	383-221	383-221	383-221
GRANITE RETAINING BRACKET	2310-143	2310-143	2310-143
GRANITE SURROUND TOP/BOTTOM	SRV2310-702	SRV2329-702	SRV2336-702
TRANSITION GRANITE PANEL	SRV2310-704	SRV2310-704	SRV2310-704
GRANITE BACK PANEL (SINGLE SIDE)	SRV2310-707	SRV2329-707	SRV2336-707
GRANITE BACK PANEL (SEE THROUGH)	N/A	N/A	N/A
GRANITE SURROUND SIDE	SRV2310-709	SRV2310-709	SRV2310-709
INSIDE GRANITE SIDE PANEL (SINGLE SIDE)	SRV2310-706	SRV2310-706	SRV2310-706
INSIDE GRANITE SIDE PANEL (SEE THROUGH)	SRV2311-706	SRV2311-706	SRV2311-706

NOTE: Sheetrock (1/2 inch) may be installed up to appliance opening.



Location	PRIMO48/PRIMO48ST		PRIMO60/PRIMO60ST		PRIMO72/PRIMO72ST	
	Inches	Millimeters	Inches	Millimeters	Inches	Millimeters
A	27-11/16	703	27-11/16	703	27-11/16	703
B	11-13/16	300	11-13/16	300	11-13/16	300
C	9-7/8	251	9-7/8	251	9-7/8	251
D	3-7/8	98	3-7/8	98	3-7/8	98
E	46-1/16	1170	58-1/16	1475	70-1/16	1780
F	58	1473	70	1778	82	2083
G	23-13/16	605	23-13/16	605	23-13/16	605
H	2-1/2	64	2-1/2	64	2-1/2	67
I	1-1/4	32	1-1/4	32	1-1/4	32
J	1/2	13	1/2	13	1/2	13
K	3-3/4	82	3-3/4	82	3-3/4	82

Figure 17. Granite Finish Dimensions

Please contact your Heat & Glo dealer with any questions or concerns.
For the location of your nearest Heat & Glo dealer, please visit www.heatnglo.com.

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