

		BRINKLEY RV AFTERMARKET WASHER/DRYER INSTALLATION		4 3 2 1 0 2 Difficulty Level	
WI:		WI-040-2025 Washer/Dryer Installation Instructions			
PRODUCT:		All Brinkley Fifth Wheel and Travel Trailer Models with Prep Option	VIN RANGE:	000001 - Current	REVISION: REV-F
DATE:		August 10, 2026	LABOR RATE:	Aftermarket Installation	

Applies to:

This document provides installation instructions for a washer/dryer combination appliance, or separate washer and dryer appliances, using the factory installed “Washer/Dryer Prep”.

Condition:

Most Brinkley RV's offer prep for installation of laundry washing and drying appliances, including hot and cold water supply, drain to the gray water tanks, and locations for dryer vents. Most prep packages can accommodate all-in-one washer/dryer combination units or separate washer and dryer appliances.

Safety:

Safety is and should always be observed when performing any type of repair. ANSI (American National Standards Institute) has created a standardized labeling system for different levels of safety and danger. The label below provides information regarding those levels of danger and should be observed and adhered to at all times.

DISCLAIMER:

Service, repair and installation instructions are written specifically for the use of professionally trained technicians, using proper tools in a shop environment. For safety, and to ensure the best results, Brinkley RV recommends that only professionally trained technicians should perform the work described in this document.

⚠ CAUTION

The “CAUTION” symbol above is a sign that a procedure has a safety risk involved and may cause personal injury, product, and/or property damage if not performed safely and within the parameters set forth in this document.

⚠ CAUTION

Always wear Personal Protection Equipment (PPE), such as eye protection, ear protection, gloves, and possibly a full face shield depending on the nature of the task to be performed.

+ NOTICE

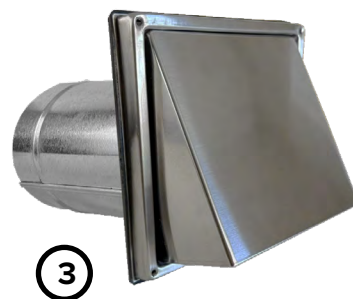
This is used to address best practices that should be utilized and do not commonly result in injury but may lead to property damage if not careful.

		Work Instructions: WI-040-2025 Washer/Dryer Installation Instructions
		Revision Level: REV-F
		Product: All Brinkley Fifth Wheel and Travel Trailer Models with Prep Option
		Page 1 of 22

PARTS INFORMATION

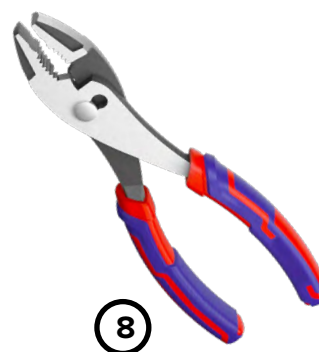
While no kits are provided or available through Brinkley RV, the following parts may help with or simplify the installation process. These parts would be available through your dealer or any appliance or home improvement store. The components you may need will be dictated by the model, floor plan and brand/size of appliance being installed. The list below includes parts that may or may not be needed for your installation.

- | | | |
|-------------------------------|--------------------------------------|--|
| 1. 90° Elbows | 4. Washer discharge hose | 6. Water catch pan (with or without drain) |
| 2. Semi-rigid dryer vent hose | 5. Water supply lines (hot and cold) | 7. Battery operated moisture detector |
| 3. Dryer vent (exterior) | | |



TOOLS THAT MAY BE REQUIRED:

1. Cordless Drill
2. 1/4" Drill bit
3. 4" Hole saw (required if exterior vent must be installed)
4. Extended #2 Square drive bit
5. Phillips head screwdriver
6. Flat head screw driver
7. Channel lock pliers
8. Conventional pliers



+ NOTICE

Because of the differences in floor plans, cabinets, and appliances, the instructions that follow are generic, but the process is applicable to all Brinkley model RV's that are factory prepped for a washer and dryer,

Washer/Dryer prep in a Brinkley RV provides hot and cold water connections, a drain connection, dryer vent location, and 120 VAC electrical connections for the appliances. **NOTE that Brinkley RV does NOT provide prep for a 220 VAC electric dryer connection or an LP gas connection for a gas dryer.**

A residential washer and dryer should NEVER be used in a Brinkley RV. If the appliance is to be installed without a vent, a non-vented washer dryer is strongly recommended.

Cabinet modification may be required to install your appliances. The doors, shelves, and clothes rod in your W/D prep cabinet are all removable. Additionally, depending on floor plan, cabinet doors, cabinet stiles, and potentially other interior doors may need to be removed to get the appliances chosen into position for installation. (Refer to unit prep section).

Before purchasing your washer and dryer, or combination W/D appliance, measure the cabinet's internal dimensions to know what size appliance(s) to purchase. This will also help you determine what parts may be required (i.e.: 90° elbows. or perhaps hot and cold water supply hoses with 90° connections, dryer vent and hose, etc.). Clearances are tight with the appliance(s) installed in the cabinet, so accessing the connections may be easier using specific parts.

Brinkley recommends covering the bedroom and hallway floor with soft materials when moving and installing appliances in the washer/dryer cabinet to help prevent damage to the floor covering.

Brinkley recommends a minimum of two people to perform this installation. The appliances are heavy and lifting and carrying them is required. Two people will help reduce risk of injury or damaging your unit.

⚠ CAUTION

CAUTION: ALWAYS follow the appliance manufacturer's installation and operation instructions. Property damage and/or personal injury may occur if not performed safely within the parameters of the appliance manufacturers document.

⚠ CAUTION

CAUTION: When the installation is complete, run a full wash and dry cycle with the appliance(s) to test the operation. **BE CERTAIN THE GREY WATER HOLDING TANK IS EMPTY** when testing or operating the washer. Standard washing machines can use anywhere between 7 and 45 gallons of water when running a full cycle. There must be sufficient storage capacity in the gray water tank for this to happen. **ALWAYS** check the holding tank levels, and drain if necessary **PRIOR** to starting a load of laundry, as well as while the washing cycle runs. It is **NOT** recommended to leave the gray water tank dump valve open continuously when connected to a dump station. Tank "self cleaning" occurs when dumping 2/3rds of a tank of liquid or more. If the tank fills to more than 2/3rds when doing laundry, drain the tank immediately. Failure to do so may cause personal injury, product, and/or property damage.



+ NOTICE

In the following steps, retain all fasteners, hardware, and components for reuse.

UNIT PREP (IF NECESSARY):

NOTE: All images in this instruction are to illustrate the process. Your specific unit may vary slightly, but the process remains the same.

READ AND UNDERSTAND ALL INSTRUCTIONS PRIOR TO BEGINNING WORK.

1. In preparation for the unit, you may need to remove the cabinet doors, handrail, and bedroom door and hinges for the Washer/Dryer to fit through the hallway opening and prevent any damage (Figures 1, 2, and 3). Retain all components for reuse.



Figure 1

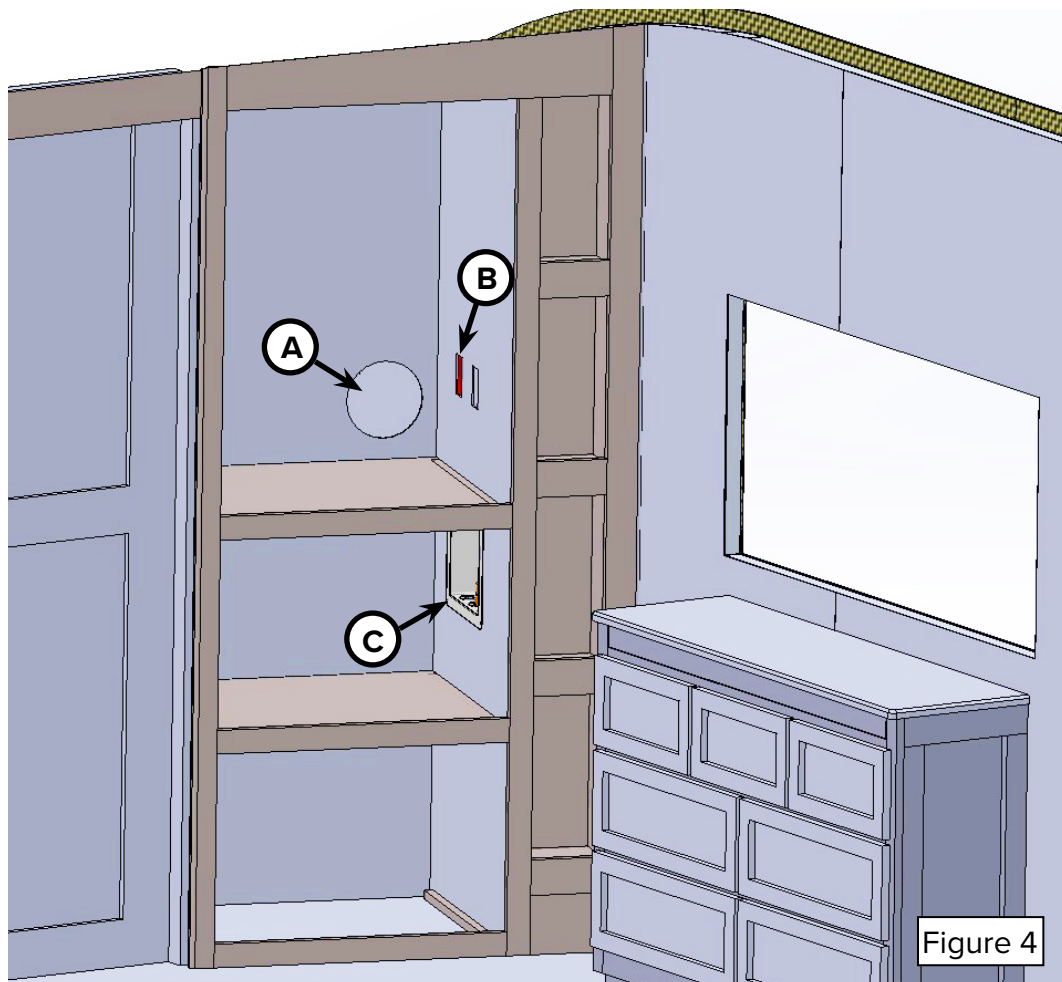
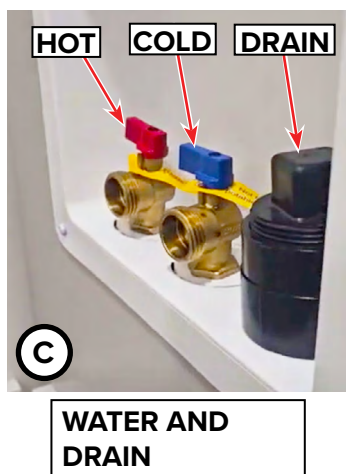
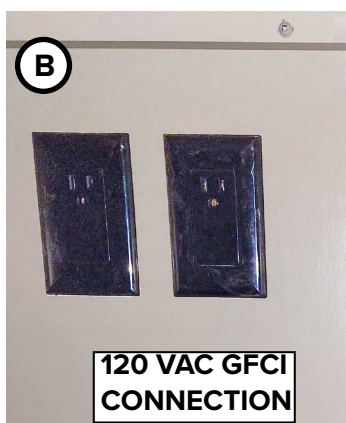
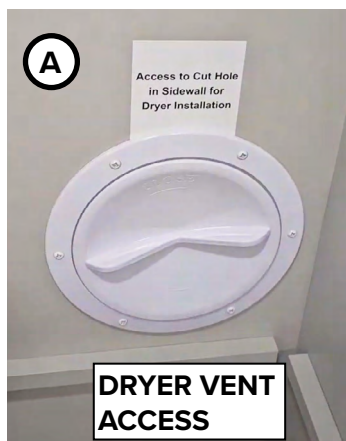


Figure 2



Figure 3

2. Locate the cabinet where the factory “Washer Dryer Prep” is installed (Figure 1). The cabinet will be located either in the bedroom, or in some Model G units, in the garage area. The prep will have hot and cold water connections and a drain connection (Item **(C)**), an area marked for dryer vent installation (Item **(A)**), and a GFCI 120 VAC electrical recept (Item **(B)**).



TYPICAL W/D PREP CABINET (CABINET DOORS REMOVED FOR CLARITY)

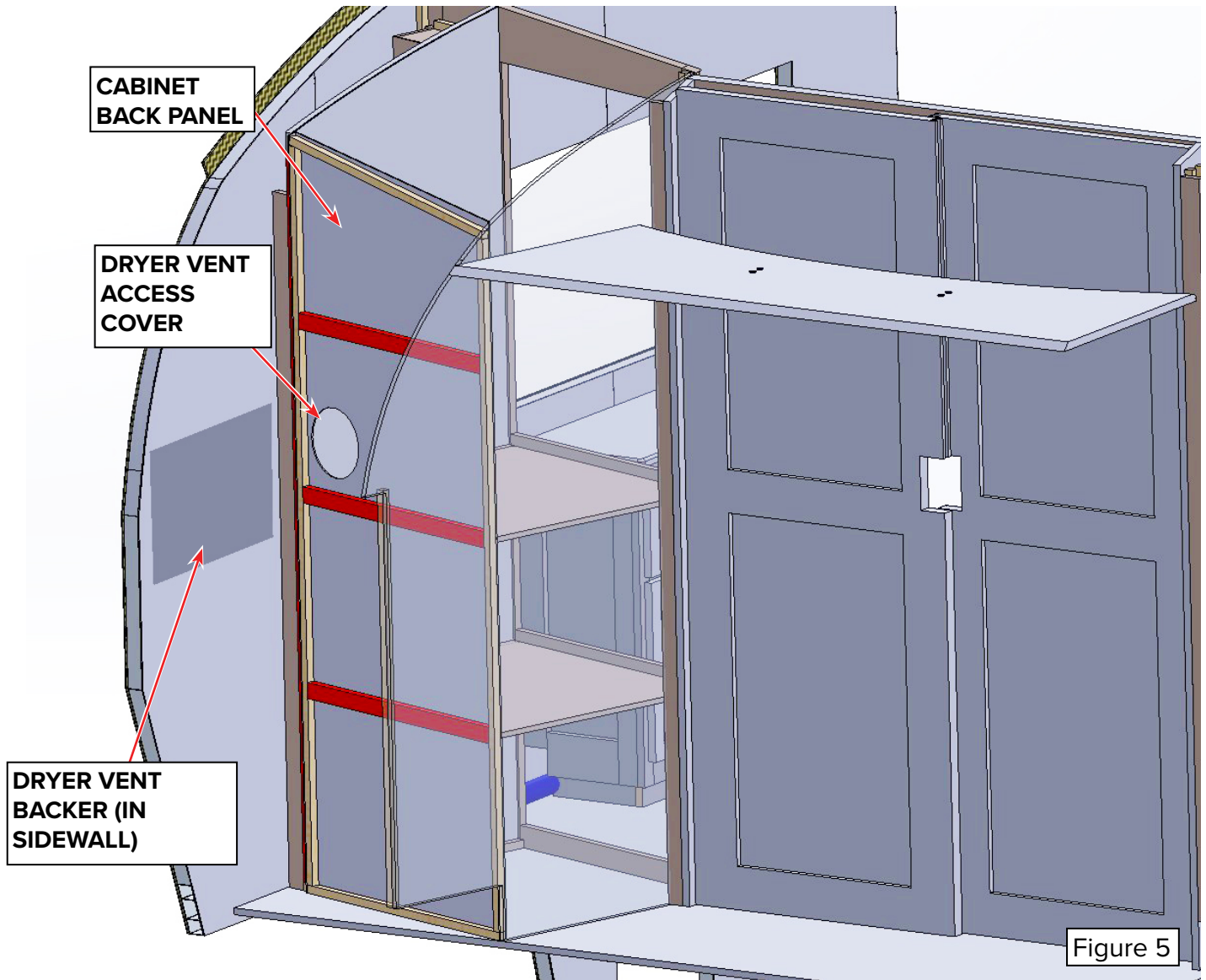


Figure 5

**TYPICAL W/D PREP CABINET
(VIEW FROM BEHIND CABINETS)**

- Most floor plans are designed to route the dryer vent hose through the back wall of the cabinet (Figure 5) and out the side of the RV. The dryer vent (Figure 6) access cover allows for tools to bore the vent hole in the exterior skin and route the hose to it. The sidewall has a backing plate (part of the sidewall structure that is not visible) where the hole will be bored, and the screws holding the exterior vent cover in place are installed outside the RV. This location will be marked with a sticker like in Figure 6.

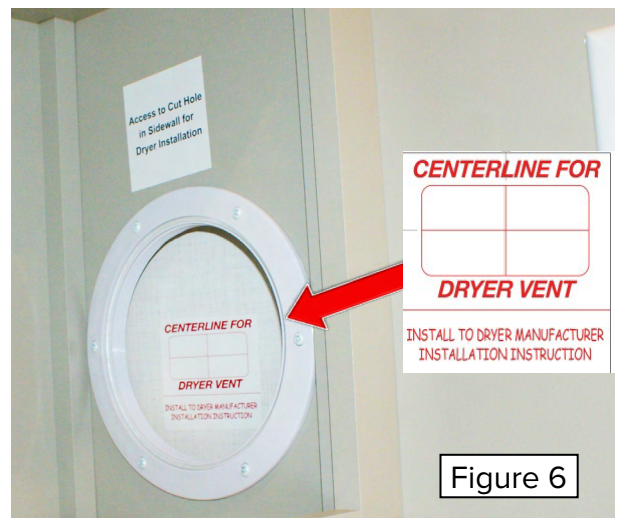
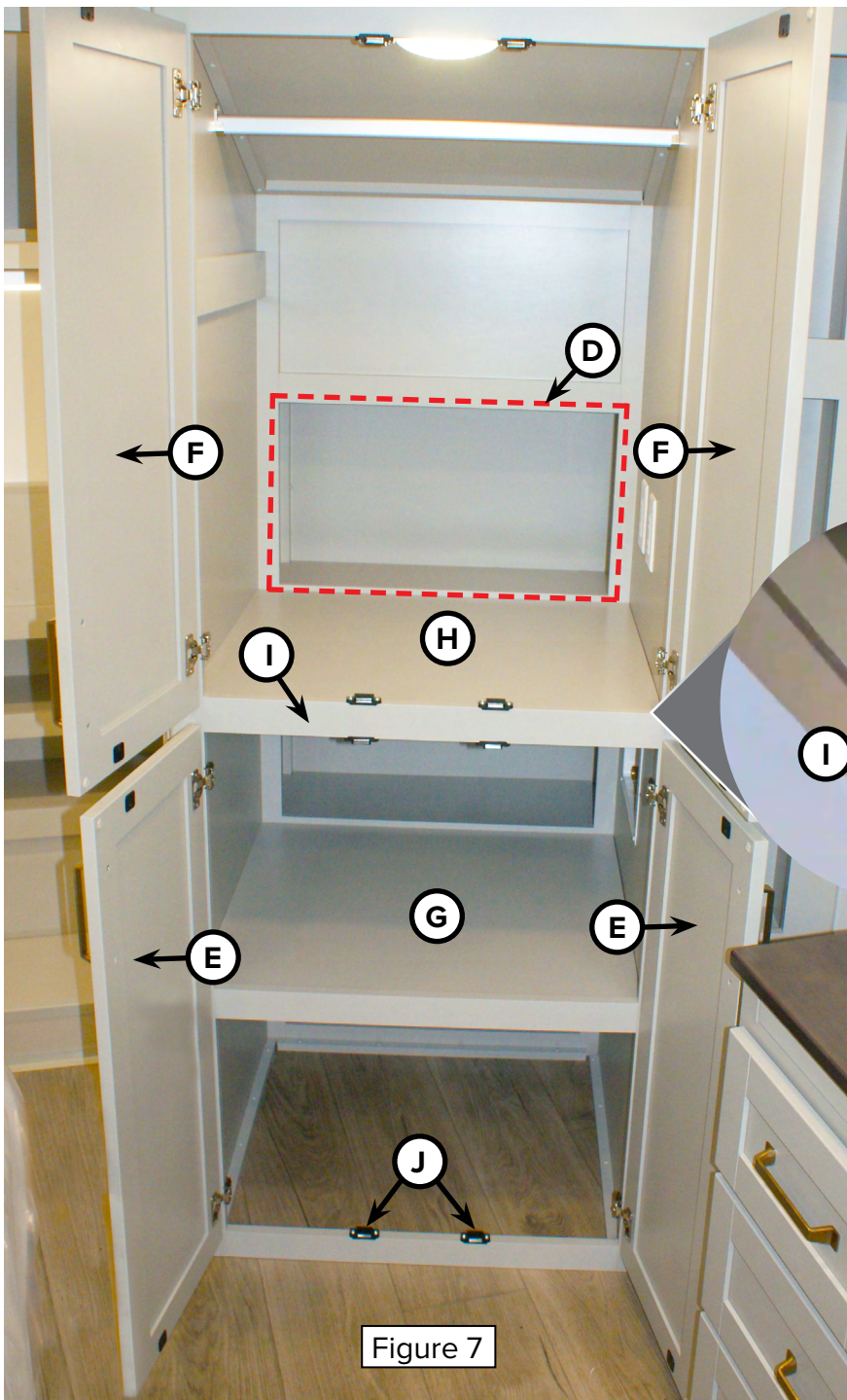
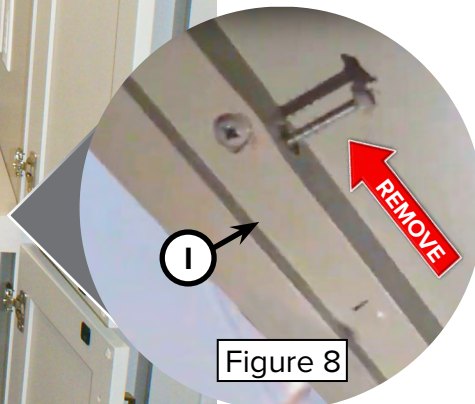


Figure 6





4. If separate washer and dryer are being installed, remove the top doors and hinges as well (Figure 7 — Item **(F)**).
5. Remove both shelves from the cabinet (Items **(G)** and **(H)**). Note that the top shelf (Item **(H)**) may be attached to the stile by fasteners located under the shelf (Figure 8 and Item **(I)**). Use a screw gun and a #2 square drive bit to remove the fasteners.



6. Use a screw gun and a #2 square drive bit to remove the fasteners holding the magnetic door latches to the bottom stile of the cabinet. Remove the magnetic latches (Figure 7 — Item **(J)**).

+ NOTICE

Units with a VIN below 8385 may NOT be equipped with the cubby storage in the back of the cabinet (Item **(D)**).

7. For closets that don't have the shelves, the center stile (Figure 7 — Item **(I)**) and bottom stile (Figure 7 — Item **(J)**) may need to be removed. Use a right angle screw gun and a #2 Square Drive bit to accomplish this.

8. With the shelves and cabinet doors removed, test fit the appliance(s) in the opening. Place the water catch pan into the base of the cabinet (Figure 9, Item **(K)** — NOT supplied), and set the appliance into position in the pan (Item **(L)**). Check for clearances on the sides and back where supply hoses, the drain line and dryer vent will go (Figure 9). If necessary, remove the bottom stile from the cabinet (as shown) for ease of installation and additional space.



Figure 9

NOTE: WASHER/DRYER TRANSPARENT FOR CLARITY

9. Once it is determined the appliance(s) clearance(s) are correct, remove the appliance(s) from the cabinet (Figure 10).

+ NOTICE

If the appliance is to be **VENTED** for heated drying purposes, continue with Step 10 below. If the appliance is an **ventless washer/dryer**, proceed to page 12, step 17.

10. If the appliance is to be vented for drying, locate the DRYER VENT ACCESS COVER. Unscrew and remove the cover (Figure 11).
11. Inside the hole, locate the label that marks the position of the “CENTERLINE FOR DRYER VENT” (Figure 8). FROM INSIDE THE RV, use a screw gun and a 1/4” drill bit to drill OUT through the exterior sidewall at the centerline of the label. Outside the unit, use the centerline hole to position, and apply masking tape or painters tape to the sidewall BEFORE boring the 4” vent hole (Figure 12).



Figure 10

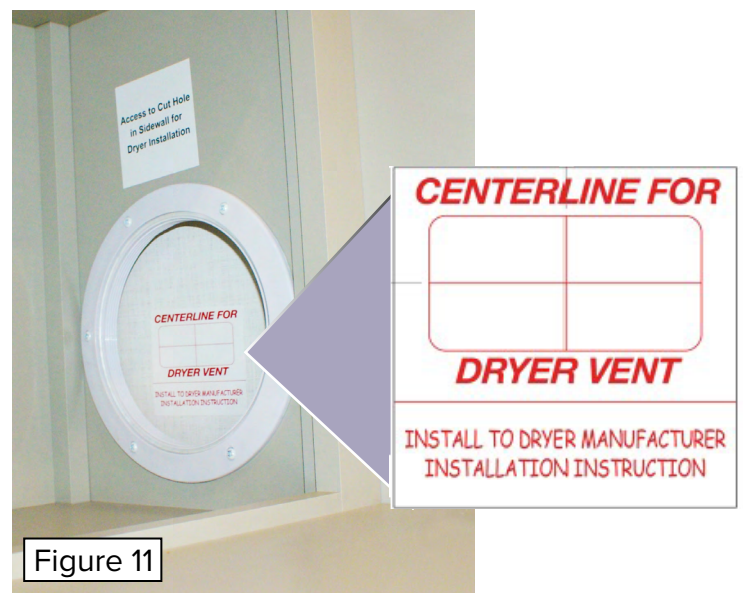


Figure 11

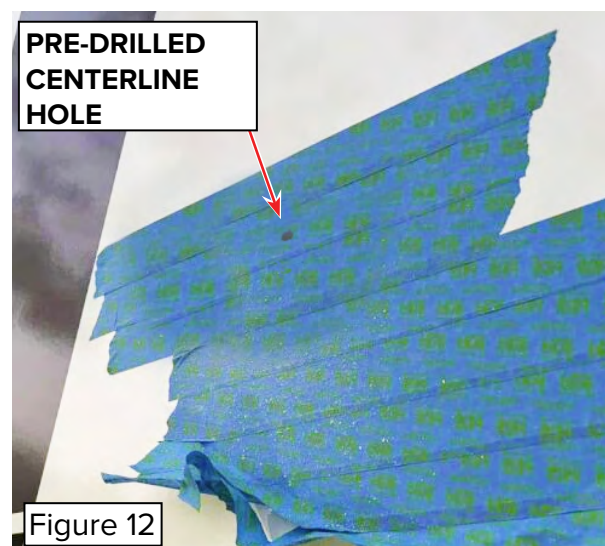
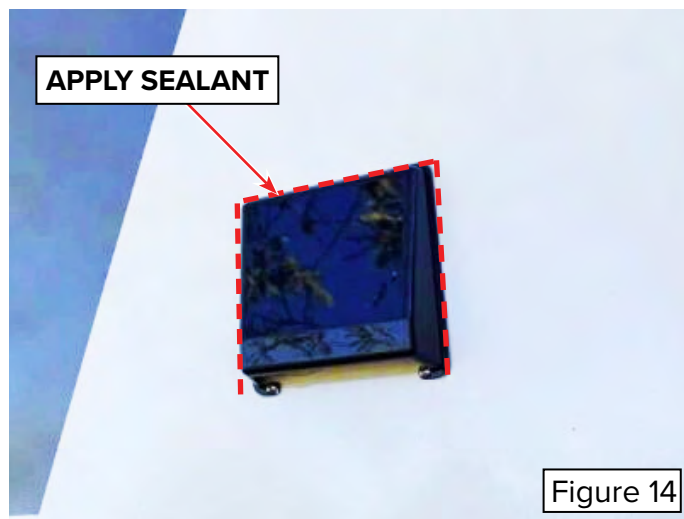
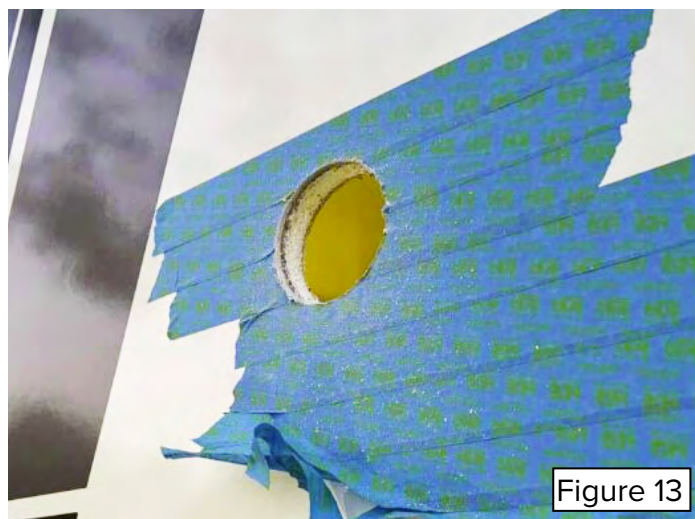


Figure 12

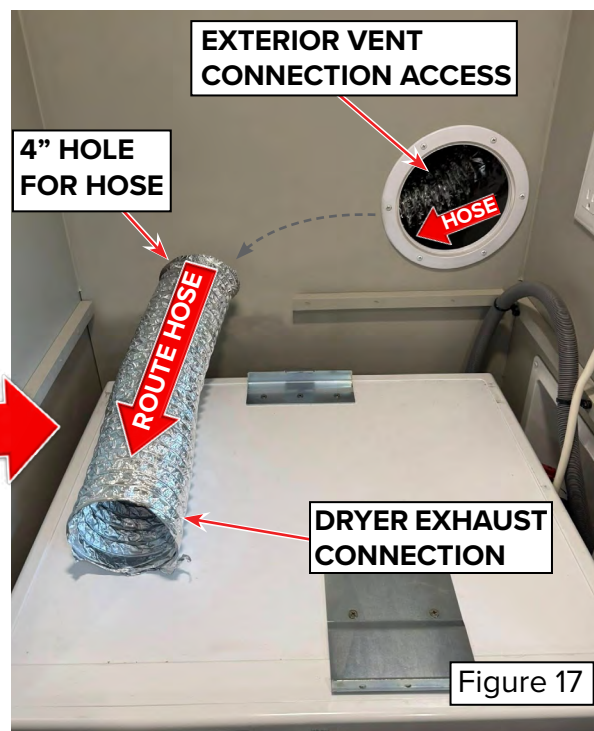
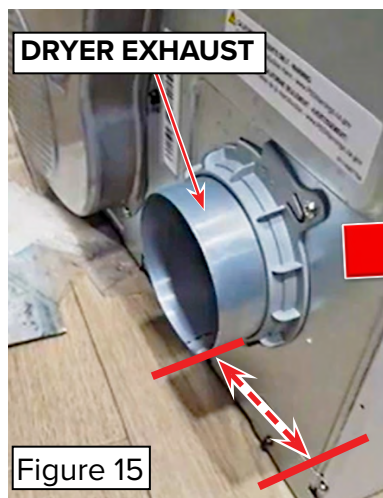
12. Using a screw gun and a 4" hole saw outside the RV, use the pre-drilled center hole to center the hole saw. Bore the hole in the sidewall (Figure 13).
13. Remove the tape and install the dryer vent cover into the opening in the sidewall (Figure 14). Use a screw gun with the appropriate bit to install the fasteners supplied with the dryer vent cover to secure it to the sidewall. Then, seal the perimeter of the dryer vent with a silicone sealant to keep moisture out.



14. Using the dryer vent outlet as the reference, measure and mark the location on the back cabinet wall where the hose will pass through the back wall to connect to the dryer (Figures 15 and 16). Use a screw gun and 4" hole saw to cut the opening for the hose to pass through.
15. Connect the dryer vent hose to the exterior dryer vent cover and clamp securely in place. Route the dryer vent hose behind the wall, then through the hole, and connect to the dryer exhaust (Figure 17).

+ NOTICE

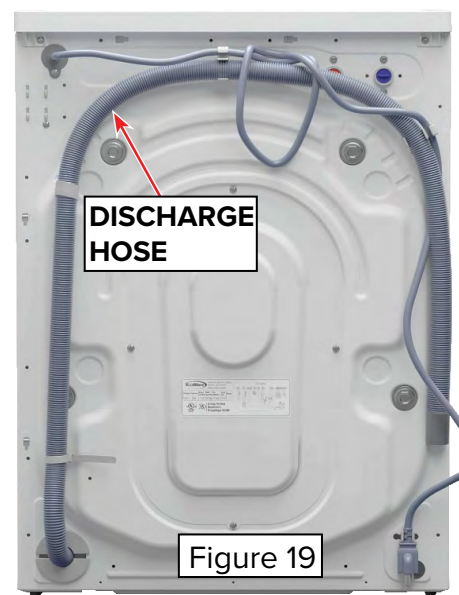
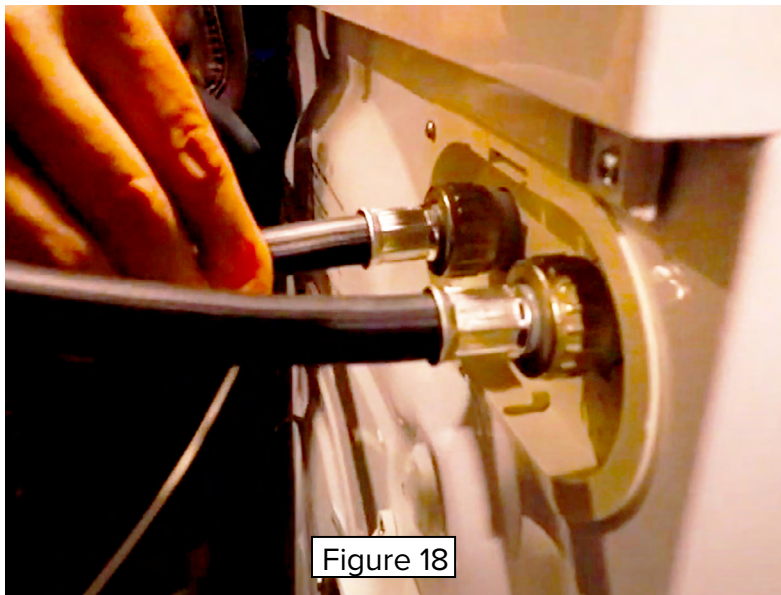
The hole should be located **BEHIND** the dryer exhaust outlet, and the hose routed through it to connect to the exterior vent. **DO NOT CRUSH** the dryer hose between the appliance and the back cabinet wall!



⚠ CAUTION

CAUTION: If so equipped, be sure to remove any transit locking devices / screws / bolts, safety devices, etc. from the appliances **PRIOR** to installation in the cabinet.

16. Route the dryer vent hose through the opening for attachment to the dryer exhaust when installed (not shown).
17. Attach the hot and cold water supply hoses and the drain hose to the appropriate connections on the washer (Figures 18 and 19).



18. Position the appliance in the opening to allow access to the back side connections for water, drain, and exhaust venting. Connect the water hoses and drain line to their respective connections in the cabinet (Figures 20 and 21).



19. If so equipped, install the dryer vent hose onto the dryer exhaust (Figure 22). Use a screw gun with the appropriate bit to secure it in place with a clamp.
20. Position the appliance into the cabinet. Check clearances around the appliance to be certain no hoses, lines, or wires are pinched or otherwise restricted in a manner that will cause issues while operating the appliance (Figure 23).

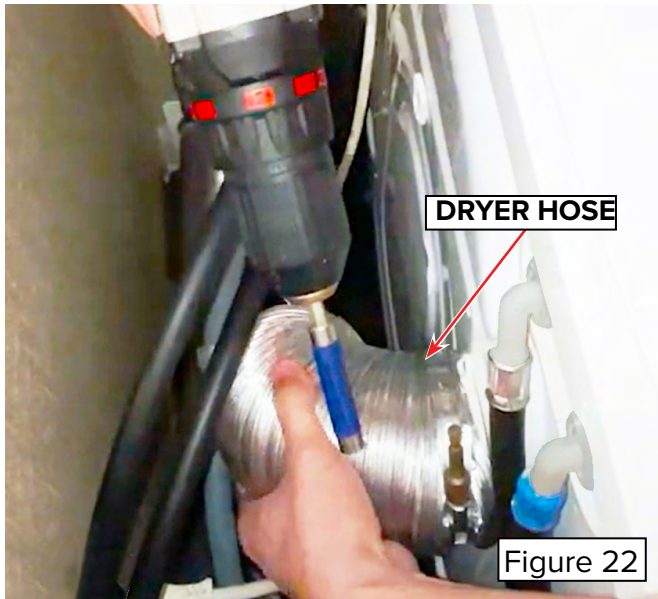


Figure 22



Figure 23

21. Plug the washer/dryer into the 120 VAC outlet in the cabinet, and run a complete cycle of washing and drying, checking regularly for leaks or movement of the appliance in the cabinet. If satisfied with the test, reinstall any cabinetry shelves or other components removed in the installation process (Figure 24).
22. When satisfied the appliance and all hoses and lines are positioned correctly, secure the washer/dryer to the floor using the appropriate tools to attach the brackets and fasteners supplied by the appliance manufacturer (Figure 25).



Figure 24

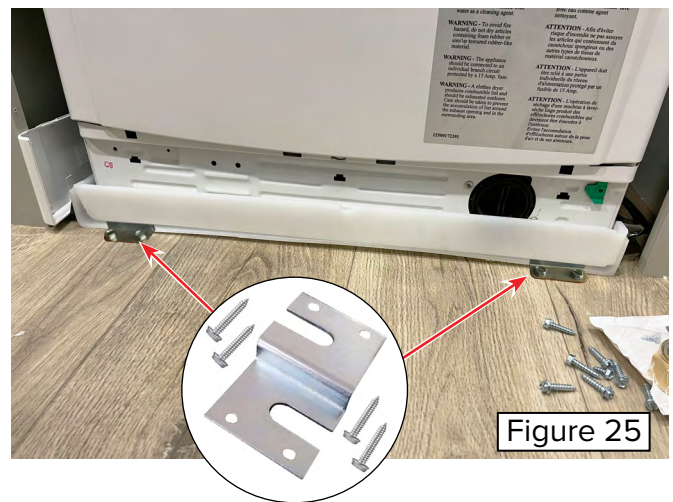


Figure 25

NOTE: If using a stackable washer/dryer, you will need to use a stacking kit (Figure 26) that is made for the washer/dryer you are installing. Follow the kit and appliance manufacturer's instructions for assembly and stacking instructions. Refer to the table on page 22 for vendor part numbers.

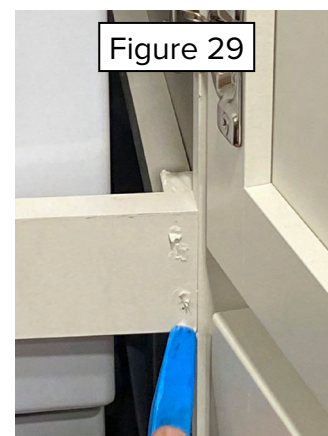
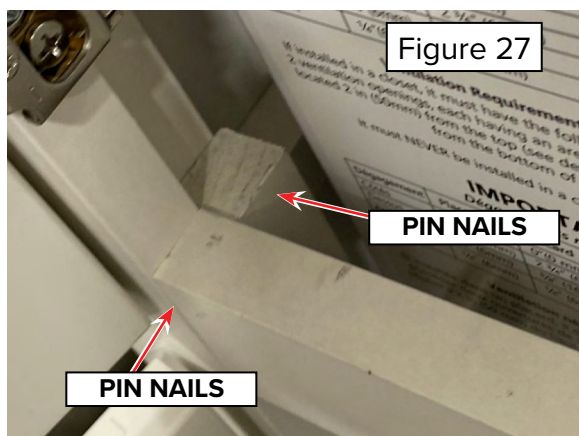
NOTE: You may need to adjust the height of the feet on your appliances to allow them to fit into the prepped space. Carefully measure the space and your appliances to determine the required adjustments. Follow appliance manufacturer's instructions for feet height adjustment.



Figure 26

23. Re-install the middle (Figure 27) stile using the screws you may have previously removed.

NOTE: You may need to add extra support for the middle stile due to potentially not being able to access all the screws after the Washer and Dryer are installed. If so, use a piece of 3/4" x 3/4" wood set behind the middle stile, and secure the cleat with a pin nailer (Figure 27), then pin nail the stile to the cleat. Use a color matching putty (Figure 28) and a putty knife to cover the pin nail heads and provide a clean finish (Figure 29).



24. Re-install the bottom (Figure 30) stile using the screws you may have previously removed.

+ NOTICE

Brinkley recommends installing louvered doors over the appliance to aid in heat dissipation and ventilation (Figure 31 and 32). To obtain the correct doors for your application, contact your Brinkley RV dealer with the VIN and location of the doors to be replaced in your unit.



+ NOTICE

Brinkley RV recommends installing a battery operated “moisture alarm” in the washer/dryer cabinet, with a sensor placed on the floor under the appliance, or in the water catch pan (if installed) to give immediate warning of water leaks that may occur from the appliance or connections (Figure 33).



25. The installation is now complete.

PARTS INFORMATION

Model G Brinkley fifth wheel models with rear garage/flex area prep option. Installation Kit #K125490

PART #	Description	Qty
122787	BASE BOTTOM 28 1/2 x 28 1/2 GARAGE WASHER/DRYER	1
122785	BASE TOP 28 3/16 x 28 3/16 GARAGE WASHER/DRYER	1
101328	1 1/4" #10 x 1 1/4" BLACK PAN QUAD TYPE A SCREW	28
103565	FASTENER SCREW 10 x 1" BLACK PAN QUAD SELF DRILLING	19
101763	BUTYL TAPE 3/16 x 1/2" x 53' BLACK	18"
109801	INSTRUCTIONS FOR BRV KIT #K125490	1
—	ADJUSTABLE RATCHET STRAP (CUSTOMER SUPPLIED)	1

TOOLS REQUIRED:

1. Tape Measure
2. Flashlight
3. Drill Gun/Drill
4. Standard Square Drill Bit
5. 5/16 Drill Bit
6. 1-1/8" Step Bit
7. Safety Glasses/Goggles (Not pictured.)



⚠ CAUTION

Caution: While two people are recommended, as to not damage the door or other components or cause personal injury, for some that are comfortable, this job can be performed by one person.

READ AND UNDERSTAND ALL INSTRUCTIONS PRIOR TO BEGINNING WORK.



Work Instructions: WI-040-2025 Washer/Dryer Installation Instructions

Revision Level: REV-F

Product: All Brinkley Fifth Wheel and Travel Trailer Models with Prep Option

Page 16 of 22

Note: Before starting the installation of the washer and dryer platform, safely go under the RV unit and locate the underbelly area that would be directly beneath the area that the platform will be installed.

1. From inside the garage/flex area use a tape measure and measure the distance from the rear wall of the RV to the area on the floor in which the washer and dryer platform will be installed, as well as the width of the area. Take note of these measurements. From below the RV use the same measurements to find the underbelly area that would be directly beneath the area in which the washer and dryer platform will be installed (Figure 1).
2. There are small metal tracks going across the width of the RV, securing the underbelly in place. Find the metal track that pertains to desired area. Use a drill, with a standard square drill bit, and remove about 5 to 7 screws on the metal track. Set the screws aside to reuse later (Figure 2).

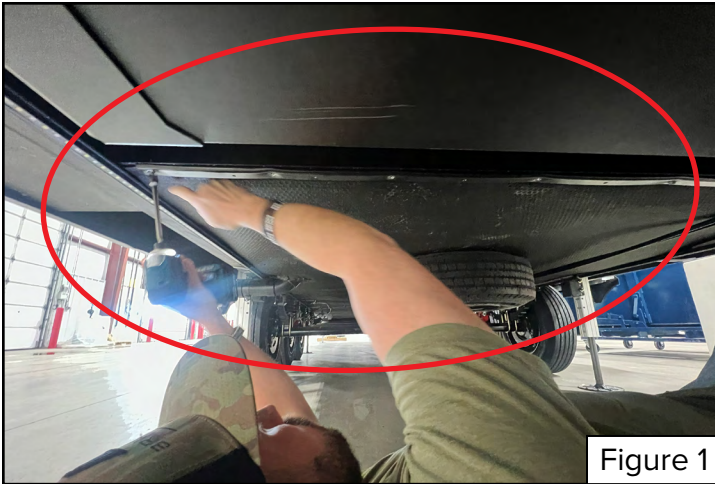


Figure 1



Figure 2

3. Pull the metal track down enough to access the space between the underbelly and sub flooring (Figure 3).
4. Hold the underbelly down with one hand, while holding a flashlight in the other hand. Look into the space between the underbelly and sub flooring. Visually verify that within the area there no other components directly beneath or in the way of the screws that will be used to install the washer and dryer platform (Figure 4).
5. Once the area has been visually confirmed free of components, secure the metal track back into place with a drill, and a standard square bit, and the 5–7 screws that were set aside.



Figure 3



Figure 4



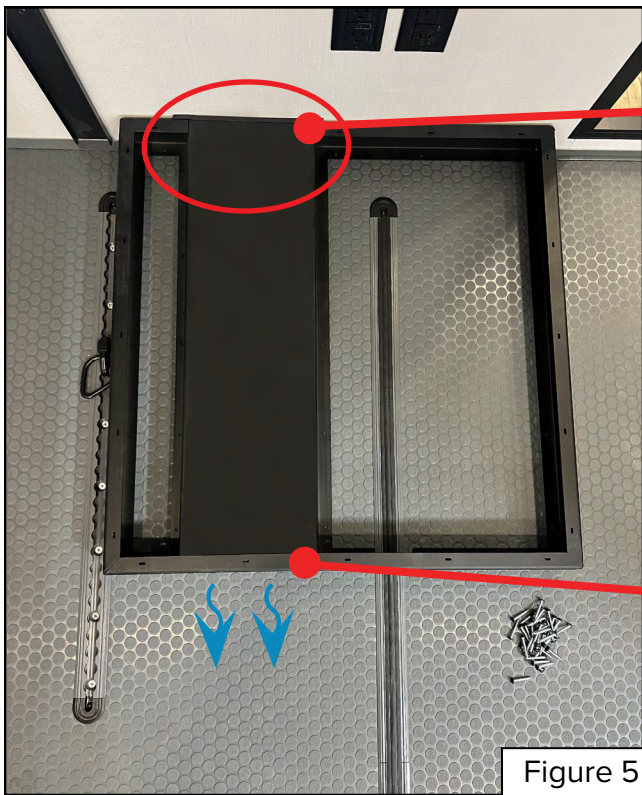
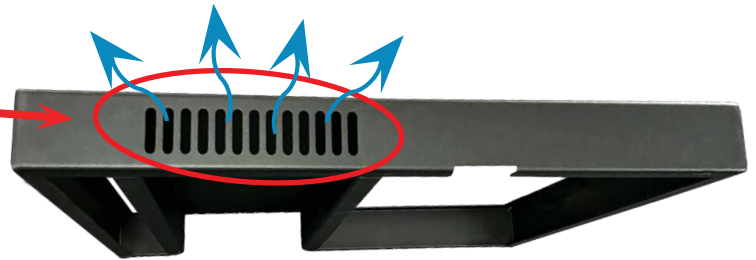


Figure 5



**VENT ON BACK SIDE
OF PLATFORM BOTTOM/BASE**

6. On the back side of the platform base, apply 1/2" BUTYL foam tape (BRV 101763) on the three edges of the vent opening around the rectangle air passageway. (Figure 5).



**VENT ON FRONT SIDE
OF PLATFORM BOTTOM/BASE**

7. Line up the vent located on the garage wall with the vent opening on the rectangle air passageway, located on the backside of the platform base (Figure 6).
8. Push the platform base snug against the garage wall (Figure 7).

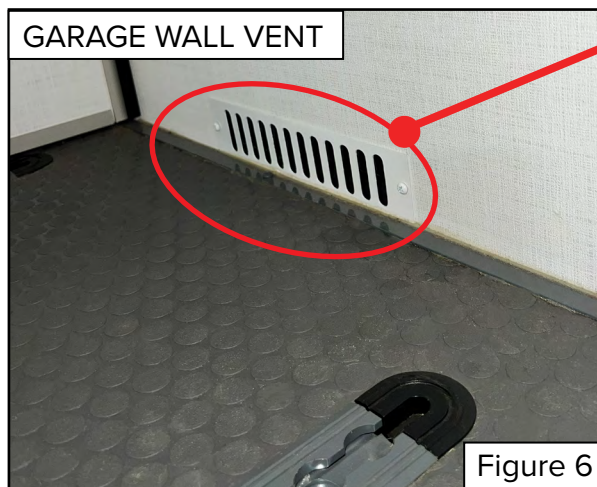


Figure 6

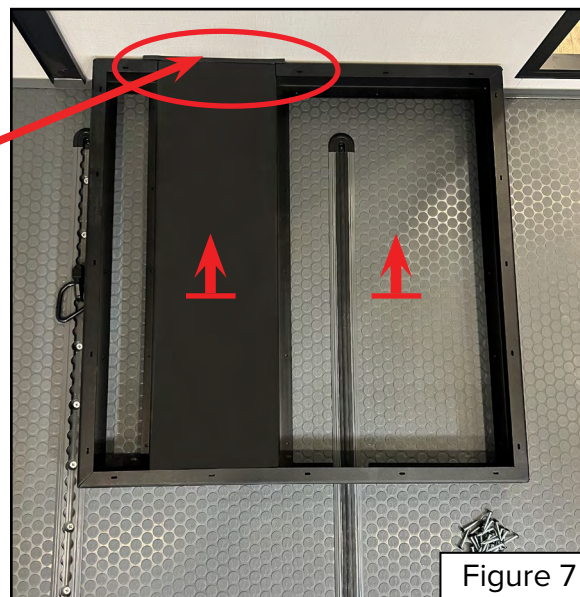
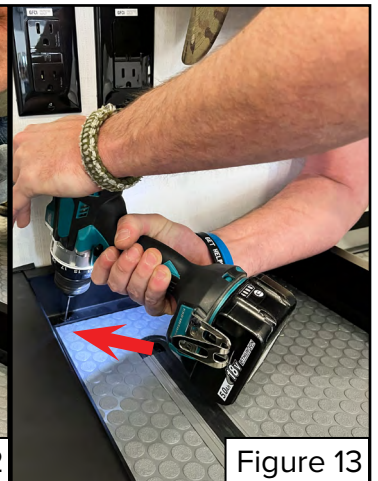
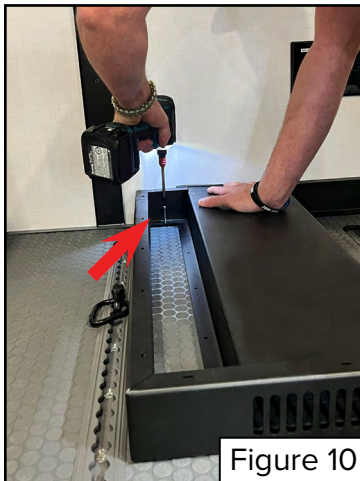
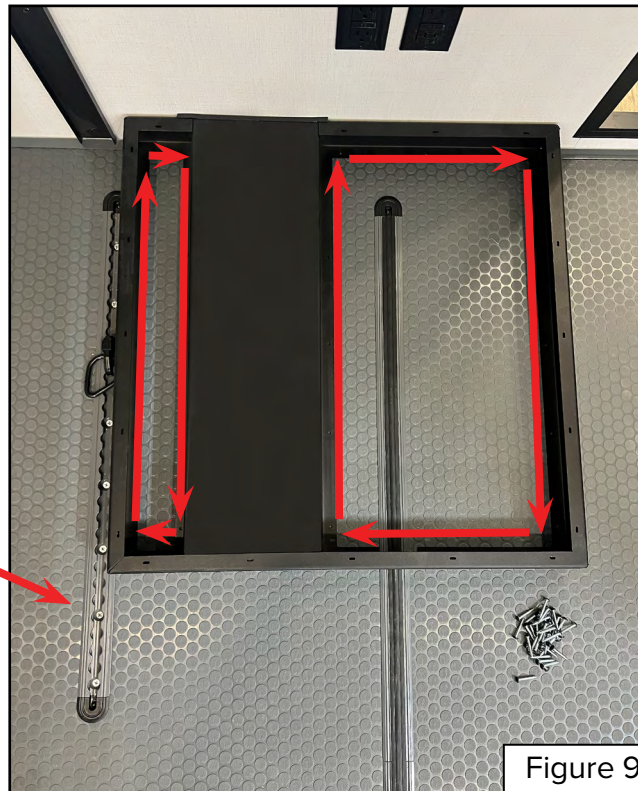
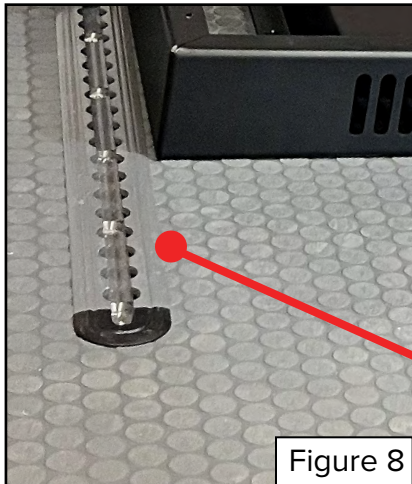


Figure 7

9. Make sure the platform base does not interfere with the E track/tie-down track for the movable bathroom wall (Figure 8).
10. Take a total of 28 number 10 wood 1-1/4" black screws (BRV 101328), and using a drill, with a standard square bit, drill the screws into the 28 pre-drilled holes found on the bottom frame lip of the platform base (Figures 9 through 13).



11. It may be necessary to sweep debris from the interior area of the platform base, prior to installing the platform top (Figure 14).
12. Place the platform top onto the platform bottom/base. Line up the pre-drilled holes of the platform top with the pre-drilled holes of the platform base, located on the upper frame lip of the base (Figure 15).



Figure 14



Figure 15

13. Use a drill, with a standard square bit, 19 number 10 number self-tapping 1" black screws (BRV 103565), and drill the screws into the 19 pre-drilled screws, securing the platform top to the platform base (Figure 16).
14. Have two people pick up the washer/dryer combo, and place it centered onto the installed platform (Figure 17).

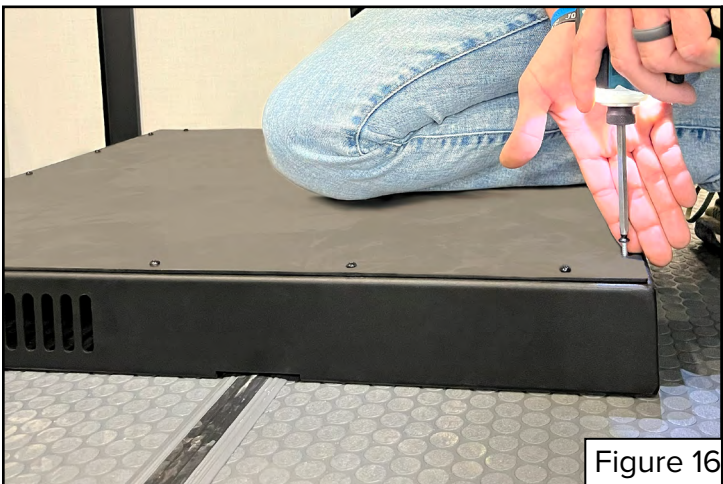
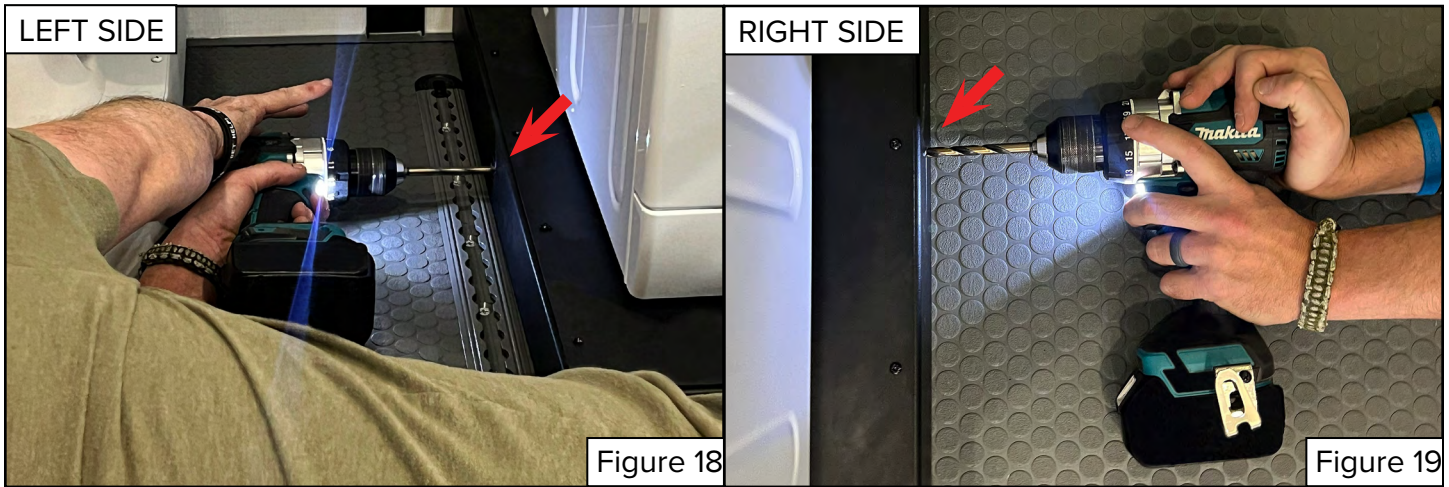


Figure 16

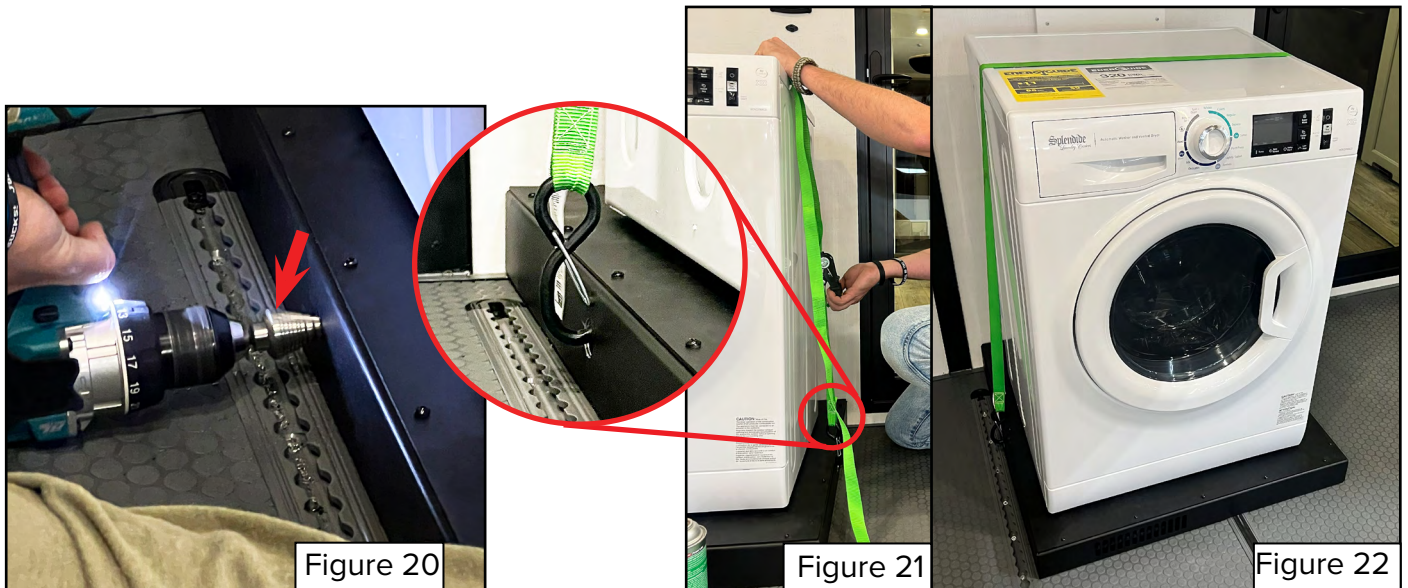


Figure 17

15. Use a drill, with a 5/16 drill bit, and drill two holes centered on both the left and right sides of the platform base (Figure 18 and Figure 19).



16. Widen the two holes that were just created in step 15. Use a drill with a 1-1/8" step bit, and drill the each of the two holes large enough to accommodate a tie down hook (Figure 20).
17. Use a strap and clip into the two holes that were created in steps 15 and 16. Pull the strap tightly to secure the washer dryer combo into place during transit (Figure 21 and Figure 22).
18. Installation complete.



Brinkley Model	Appliance Style	Appliance Brand	Appliance Model
Model G	Stackable	Contoure	Washer — WH-2700T
			Dryer — DE-1350T
		Splendide	Washer — WFL1300XD
			Dryer — DV6500X
	Combo	Splendide	WDV2200XCD
Model Z	Stackable	Splendide	Washer — WFL1300XD
			Dryer — DV6500X
	Stackable	Splendide	Washer — WFL2500X
			Dryer — DV1725X
Model Z Air	Combo	Splendide	WDV2200XCD
Model Z	Low Profile Stacking Bracket Kit	Splendide	SK04-AL

The appliance chosen for the garage area must be ventless, as there is no dryer vent preparation.

To use any other brands or models, measure the prepped space and make sure the chosen appliance will fit the space and meet the application requirements. Brinkley RV does not recommend using residential style washers and dryers in an RV. With the addition of any appliance, be aware of any electrical consumption and environmental implications that apply to the chosen product(s) in the usage and storage conditions.

*The referenced appliance brands/models were confirmed as acceptable at the time this document was created. As Brinkley RV has no design control or visibility of changes made by the appliance suppliers, you will need to specifically review dimensions and performance specs of any aftermarket appliances (prior to installation) to confirm compatibility with the specific intended unit.

