



## Inverted Flame at Cooktop

<b>Bulletin Type:</b>	Recall	<b>Publication Date:</b>	November 2022
<b>Bulletin #(s):</b>	22V-773 US 2022-586 Canada	<b>Make(s):</b>	Jayco
<b>Job Code(s):</b>	9901582	<b>Model(s):</b>	Jay Feather, Jay Flight SLX, Jay Flight
<b>Flat Rate(s):</b>	9901582A-0.20 Inspection only 9901582B-0.70 Inspection and Repair	<b>Model Year(s):</b>	2021 & 2022

<b>Incident:</b>	<b>Inverted Flame</b>
<b>Affected Units:</b>	2021-2022 Jayco Jay Feather, Jay Flight SLX, Jay Flight
<b>Parts Kit Details:</b>	N/A
<b>Misc. Tools &amp; Supplies:</b>	<ul style="list-style-type: none"> <li>1 – Screw gun with #2 Square bit</li> <li>2 – 3/4" open end or combination wrenches</li> <li>2 – Wood #6x1 screws</li> <li>1 – 5"x7" wood panel piece (1/8" thick at minimum) with a 7/8"x7/8" notch in corner</li> <li>1 – 2" by 22" wood cabinet panel strip</li> <li>1 – Tube of sealant (Orgasil-103 or silicone based)</li> <li>1 – Bubble solution (ammonia free)</li> <li>1 – LP bottle for test</li> <li>1 – Caulk Gun</li> </ul>
<b>Parts Return Information:</b>	<b>No part return</b>



## Inverted Flame at Cooktop

<b>Bulletin Type:</b>	Recall	<b>Publication Date:</b>	November 2022
<b>Bulletin #(s):</b>	22V-774 US 2022-587 Canada	<b>Make(s):</b>	Starcraft
<b>Job Code(s):</b>	9902582	<b>Model(s):</b>	Autumn Ridge Outfitter
<b>Flat Rate(s):</b>	9902582A-0.20 Inspection only 9902582B-0.70 Inspection and Repair	<b>Model Year(s):</b>	2021 & 2022

<b>Incident:</b>	<b>Inverted Flame</b>
<b>Affected Units:</b>	2021-2022 Starcraft Autumn Ridge Outfitter
<b>Parts Kit Details:</b>	<b>N/A</b>
	<b>Contents:</b>
<b>Misc. Tools &amp; Supplies:</b>	<ul style="list-style-type: none"> <li>1 – Screw gun with #2 Square bit</li> <li>2 – 3/4" open end or combination wrenches</li> <li>2 – Wood #6x1 screws</li> <li>1 – 5"x7" wood panel piece (1/8" thick at minimum) with a 7/8"x7/8" notch in corner</li> <li>1 – 2" by 22" wood cabinet panel strip</li> <li>1 – Tube of sealant (Orgasil-103 or silicone based)</li> <li>1 – Bubble solution (ammonia free)</li> <li>1 – LP bottle for test</li> <li>1 – Caulk Gun</li> </ul>
<b>Parts Return Information:</b>	<b>No part return</b>



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<b>Bulletin Type:</b>	Recall	<b>Publication Date:</b>	November 2022
<b>Bulletin #(s):</b>	22V-775 US 2022-588 Canada	<b>Make(s):</b>	Highland Ridge
<b>Job Code(s):</b>	9904582	<b>Model(s):</b>	Open Range, Range Lite, Olympia Sport, Olympia
<b>Flat Rate(s):</b>	9904582A-0.20 Inspection only 9904582B-0.70 Inspection and Repair	<b>Model Year(s):</b>	2021 & 2022

<b>Incident:</b>	<b>Inverted Flame</b>
<b>Affected Units:</b>	Highland Ridge 2021-2022 Open Range, Range Lite, Olympia Sport, Olympia
<b>Parts Kit Details:</b>	N/A
<b>Misc. Tools &amp; Supplies:</b>	<ul style="list-style-type: none"> <li>1 – Screw gun with #2 Square bit</li> <li>2 – 3/4" open end or combination wrenches</li> <li>2 – Wood #6x1 screws</li> <li>1 – 5"x7" wood panel piece (1/8" thick at minimum) with a 7/8"x7/8" notch in corner</li> <li>1 – 2" by 22" wood cabinet panel strip</li> <li>1 – Tube of sealant (Orgasil-103 or silicone based)</li> <li>1 – Bubble solution (ammonia free)</li> <li>1 – LP bottle for test</li> <li>1 – Caulk Gun</li> </ul>
<b>Parts Return Information:</b>	<b>No part return</b>



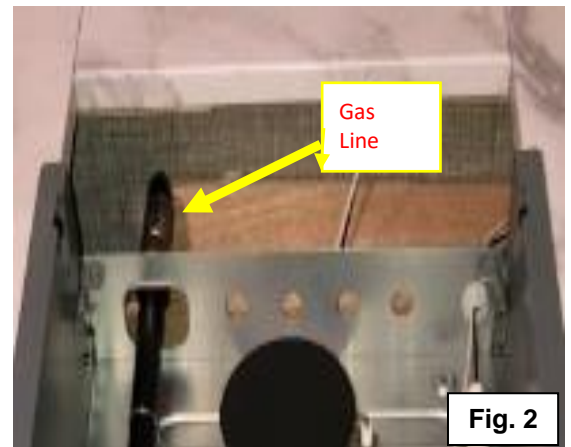
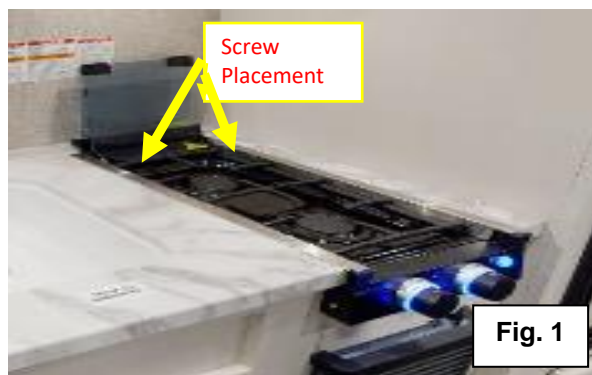
## INVERTED FLAME COOKTOP INSPECTION

1. Make sure all the cabinet doors are closed. Turn on the furnace and the stove burners to the lowest setting. Verify if inverted flame is present like in Object A. If yes, follow instructions below for the cooktop.

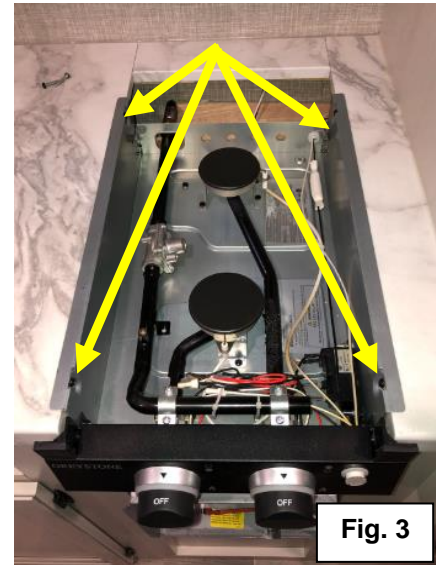
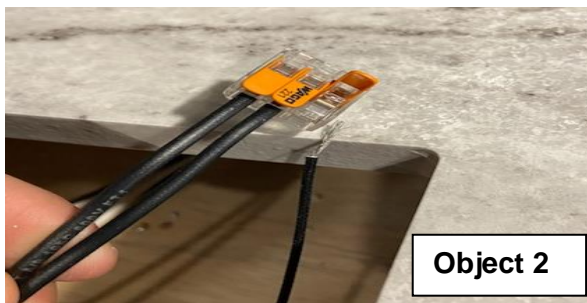
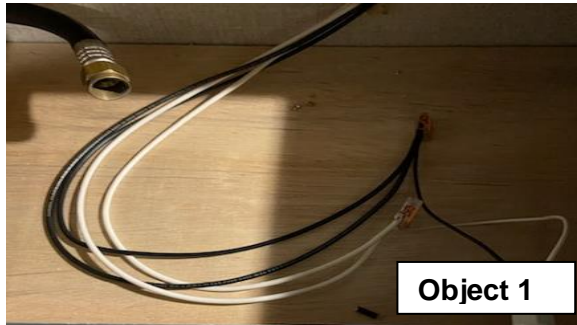


## VISUAL INSTRUCTIONS FOR SEALING COOKTOP SHELF AREA

- 1.) Turn gas "OFF" at LP bottle(s) at front of unit.
- 2.) Remove cooktop from countertop area (Model 174 BH shown).
  - a. Remove cooking grate then remove 2 screws (yellow arrows) holding black top to cooktop pan shown in Figure 1.
  - b. Gently, pull up near glass top to remove top of cooktop.
  - c. Using two  $\frac{3}{4}$ " wrenches, disconnect gas line hose from cooktop. (Figure 2)



- d. Remove 4 screws shown in Figure 3 with yellow arrows connecting cooktop pan to countertop/cleat(s) then lift out cooktop pan from countertop.
- e. Remove each individual white and black wire from each wire connector shown in Object 1 & Object 2 so cooktop can be removed.

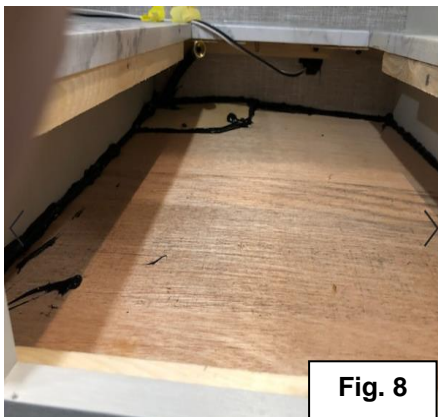


- 3.) Seal the gas line hose  $7/8'' \times 7/8''$  notch.
  - a. Cut  $5'' \times 7''$  square out of the  $1/8''$  minimum thickness wood panel.
  - b. Cut a  $7/8'' \times 7/8''$  notch in one corner of the  $5'' \times 7''$  wood panel.
  - c. Use  $5'' \times 7''$  wood panel piece to close up larger notch in cooktop shelf area where gas line hose came through.
  - d. Position gas line hose to pass through  $7/8'' \times 7/8''$  corner notch, with a minimum of 2 screws secure  $5'' \times 7''$  wood panel piece down to cooktop shelf.
  - e. Use sealant to seal around gas line hose and  $5'' \times 7''$  wood panel piece. Figure 4 is before repair & Figure 5 is after repair.





4. Seal shelf and area adjoining cooktop area
  - a. Check to see if divider panel located between cooktop shelf and kitchen sink area is secured to cooktop shelf. If not, secure divider panel to cooktop shelf.
  - b. Use sealant to seal cooktop shelf to all sides.
  - c. Use sealant to seal cooktop shelf corners and any other visible holes in paneling.
  - d. Use sealant to seal divider panel to countertop bottom that is located between cooktop area and kitchen sink. Seal is to be applied to cooktop shelf side or kitchen sink side of divider panel. Figure 6 is before sealant and Figures 7 – 9 are after seal.





\*\*\* Refer to Figure 10 if the unit needs an exterior 2" by 22" wood cabinet panel strip under the sink. Secure wood cabinet panel strip to the divider panel with the wood screws to close the space between top left and top right of divider panel and countertop. Then seal around the wood cabinet panel strip. \*\*\*



5. Re-install cooktop in countertop area.
  - a. Reverse steps 2c through 2e.
  - b. Before securing cooktop top, turn gas "ON" at LP bottle(s) at front of unit.
  - c. Check for leaks with bubble solution (ammonia free) at gas line hose and cooktop connection. If leak is detected, then correct and re-check. Once no leak is detected, proceed to next step.
  - d. Install cooktop top onto cooktop pan and cooktop grate as in steps 2a & 2b.

6. Validate flame does not invert when cooktop and furnace are both "ON".
  - a. Light both burners on cooktop and set to "High".
  - b. Turn furnace "ON".
  - c. Turn cooktop burners to "Low".
  - d. Validate flame is not inverted.
    - i. Figure 11 show flame to be inverted (flames are turned downwards towards cooktop pan). Figures 12 & 13 show the flame to be normal flames are turned upwards away from cooktop.

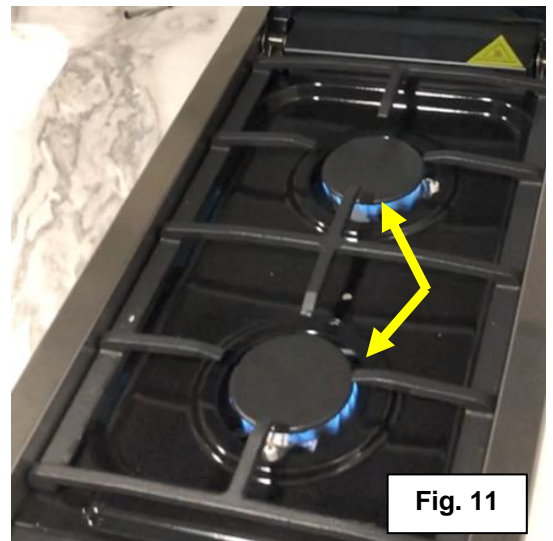




Fig. 12

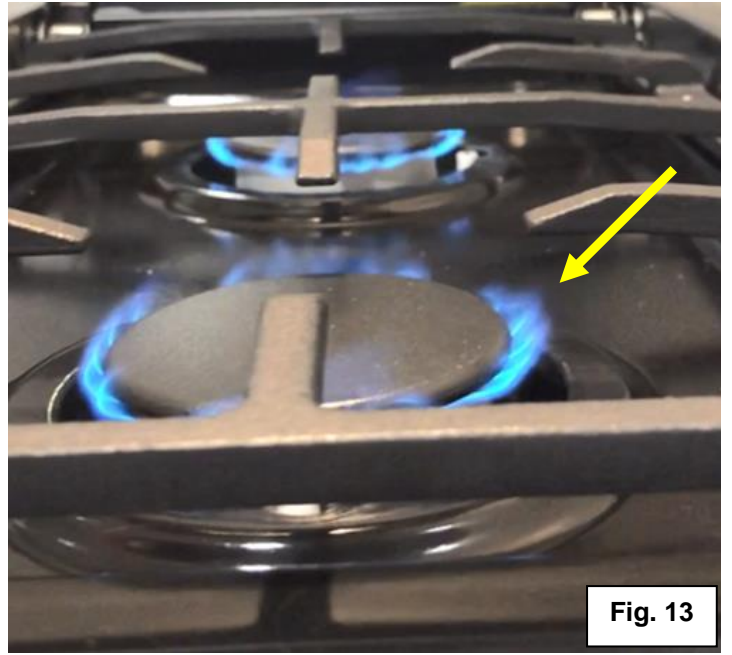


Fig. 13

## INVERTED FLAME COOKTOP OVEN INSPECTION

- 1.) Make sure all the cabinet doors are closed. Turn on the furnace and the cooktop burners to the lowest setting. Verify if inverted flame is present as shown in Figure 1. Follow instructions below for the cooktop oven if inverted flame is present.

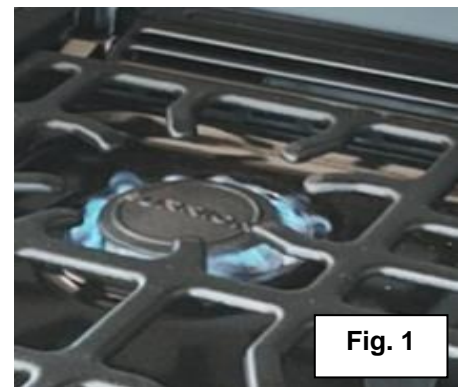
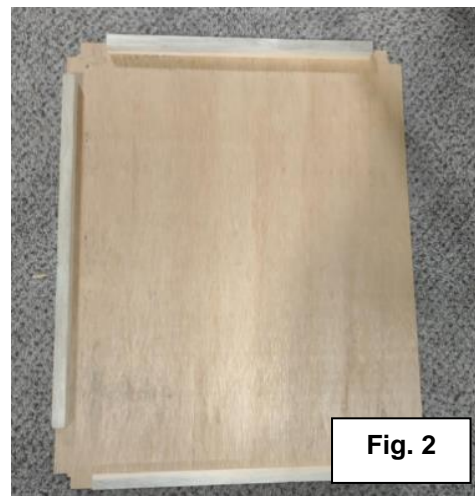
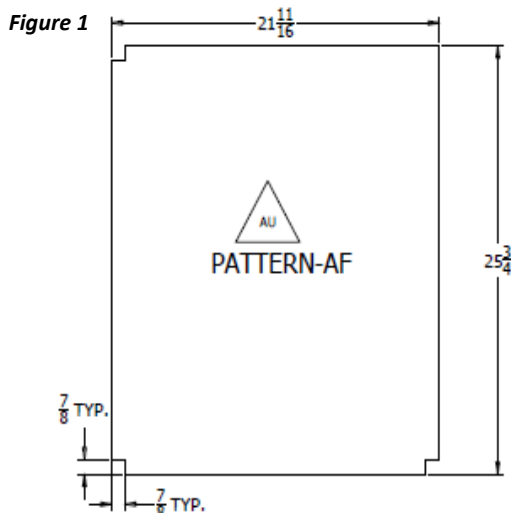


Fig. 1

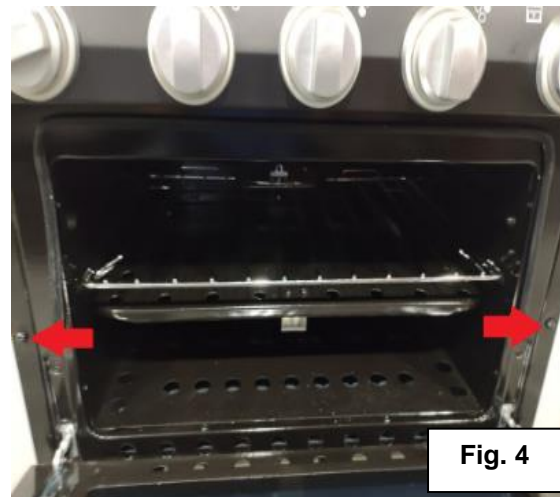


## INVERTED FLAME COOKTOP OVEN REPAIR INSTRUCTIONS

1. Turn gas "OFF" at LP bottle(s) at front of unit.
  - a. Locate a scrap panel piece and cut to size  $25 \frac{3}{4} \times 21 \frac{11}{16}$ . Then follow the print (PATTERN -AF) to cut notches. (Figure 1)
2. Cut 2 cleats to  $\frac{3}{4} \times \frac{3}{4} \times 17$ ".
3. Cut 1 cleats to  $\frac{3}{4} \times \frac{3}{4} \times 20$ ".
4. Place one 20" cleat along the edge that is  $25 \frac{3}{4}$ " closest to the cabinet drawers. Place the 17" cleats along both edges that are  $21 \frac{11}{16}$ " using D10 staples. (Figure 2)

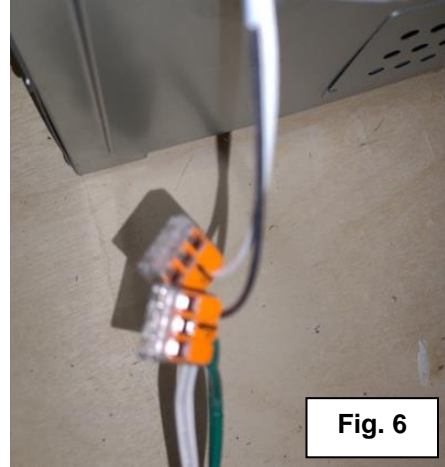
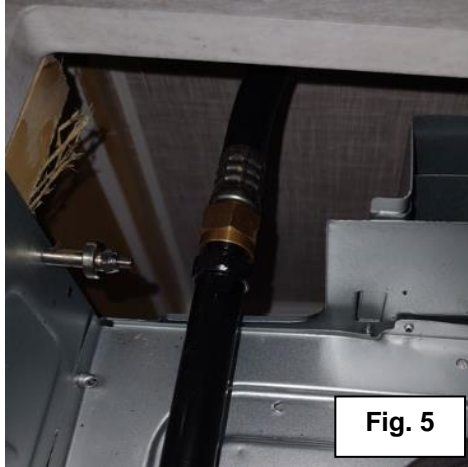


5. Remove the oven:
  - a. Take the cooktop off.
  - b. Unscrew the four screws, two on each side of the cooktop. (Figure 3)
  - c. Unscrew the two that are in the front when you open the oven door. (Figure 4)



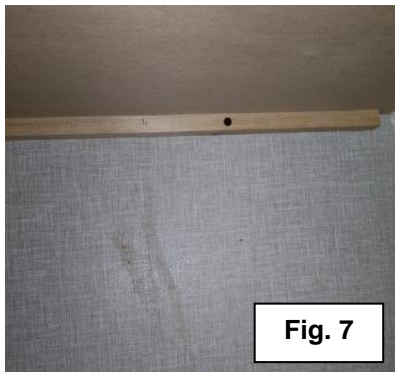


6. Unhook the LP hose and the wires. (Figure 5 and 6)



7. Remove the top two drawers of the kitchen cabinet and pull the power center out.

8. Install the panel with the cleats facing down. Attach one cleat with a wood screw to the side wall (Figure 7). Attach another cleat to the back of the power center face frame using L14 staples (Figure 8). From the drawerside, 19" up from the floor, attach the panel to a cleat using D10 staples (Figure 9).





9. Install the grommet over the gas line so that it sits in the notch where the gas line comes through the panel. Attach to the panel with a wood screw. Seal the oven box. (Figure 10)
10. Reinstall the drawers and load center. Place the oven back in the box, hooking up the LP and wires. Check for leaks with bubble solution (ammonia free) at gas line hose and oven connection. If leak is detected, then correct and re-check. Once no leak is detected, proceed to next step. Fully push in the oven and reinsert screws.
11. Retest for inverted flame per the inspection section. If properly sealed, the flames will go upwards as normal. (Figure 11)



*Jayco's sole obligation under our limited warranty is to repair or replace defective materials and/or workmanship deemed our responsibility as determined by Jayco in our sole discretion. Jayco reserves the right to use new and/or remanufactured parts or materials of similar quality to complete any work, and to make parts and/or design changes as appropriate without notice to anyone. Jayco designs and/or materials changes are done without obligation to incorporate such changes in previously manufactured product. Jayco makes every reasonable effort to ensure field remedies will not adversely affect performance and/or safety of the unit. This field remedy is not intended to extend to future performance of this RV, or any of its materials, components or parts beyond the standard warranty period. The RV owner's obligation to notify Jayco, or one of its independent, authorized dealers, of a claimed defect does not modify any obligation placed on the RV owner to contact Jayco directly when attempting to pursue remedies under state or federal law.*

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