

REQUIRES PARTS TO BE ORDERED FROM Starcraft for every unit.

ACTION REQUIRED:

Install range hood with outside vent for proper ventilation of gas range

MODELS / UNITS:

2015 AR-ONE Travel Trailers

28P	18QB	5058, 5059, 5062, 5067-5074, 5079-5082, 5089-5092, 5095-5104, 5107-5109, 5112-5122, 5124
28R	17RD	5061-5064, 5174, 5176, 5185, 5189, 5197-5199
28S	18FB	5058, 5097, 5102, 5104, 5106, 5114
28U	14RB	5064, 5065
28V	16BH	5064-5070, 5109 5112
28W	15RB	5076, 5077, 5171-5173, 5193, 5206-5210

KIT CONTENTS

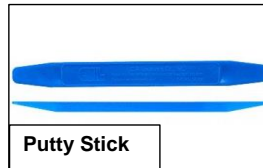
Note: Kit can only be ordered using the order form included with this bulletin.

- Range Hood
- Vent
- Vent Cover
- 15 Screws - Quad PH #8 x 1.00 SMS
- Butyl Tape 36"
- Cleat 1-1/8" x 1-1/2 x 13"
- Cleat 1-1/8" x 1-1/2 x 6"

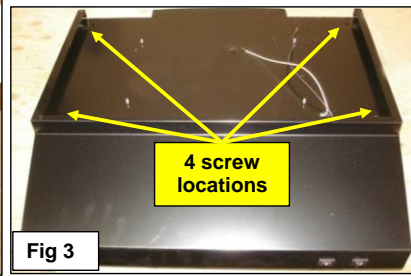


TOOLS/MATERIAL REQ.:

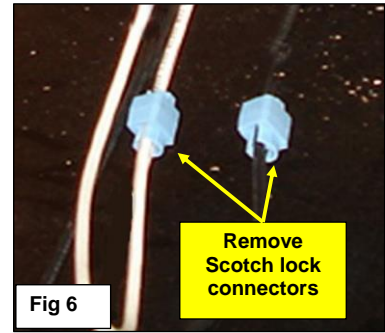
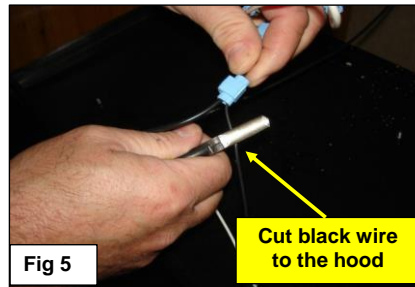
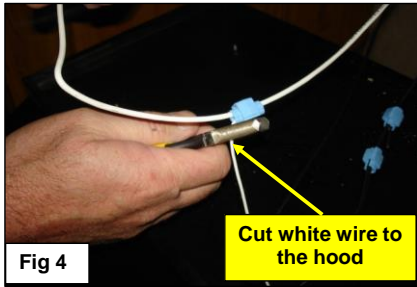
- | | |
|---|------------------------------------|
| Pencil | Screw gun with #2 square drive bit |
| Tape Measure | Jigsaw with 1-5/8" blade for wood |
| Plastic putty stick | Drill with 1/2" spade bit |
| Pliers | Wire cutters |
| Roll of Painter's Tape | Square or straight edge |
| Tube of clear Geocel MHRV 2300 body sealant (or equivalent) | |
| Scotch Lock Connectors | |



INSTRUCTIONS:



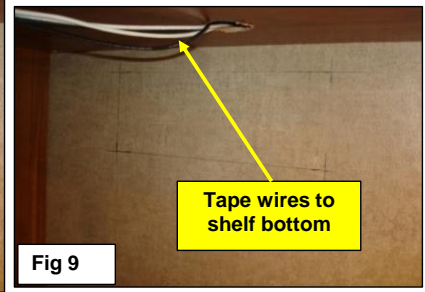
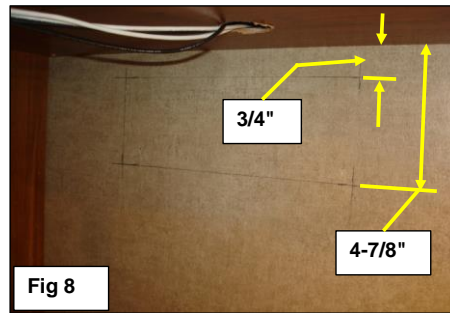
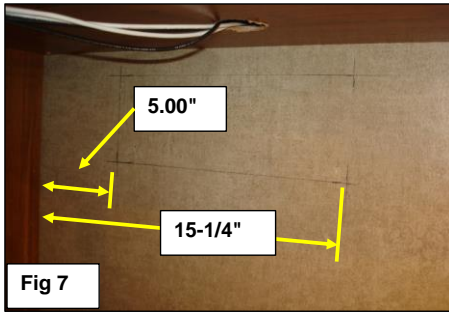
1. Cover range burners and sink opening to protect from falling debris during repair. (Fig 1)
 Replace existing non vented range hood with a vented version (Fig 2).
 Remove the 4 brass colored screws from under the hood holding it to the upper cabinet. (Fig 2)
 The screws holding the range hood to the cabinet are shown in Fig 2 (inset photo), screw locations are shown in Fig 3.
 Make sure the range hood is supported when removing the last screw to ensure it does not drop and cause damage.



2. WARNING: TURN OFF THE POWER TO THE TRAILER PRIOR TO STARTING THIS STEP!

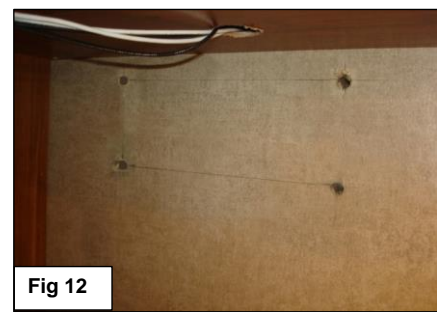
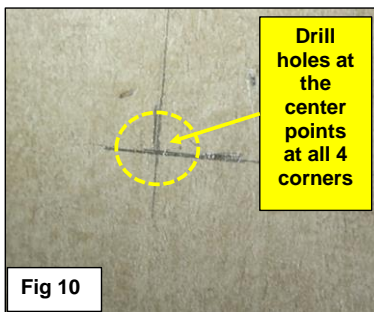
Cut the black & white wires coming from the range hood to the Scotch lock connectors (Fig 4 & 5).
 Remove the Scotch Lock connectors completely from the black & white power wires and discard them. (Fig 6)
 Return Power to trailer.

DO NOT RETURN THE ORIGINAL RANGE HOOD TO STARCRAFT



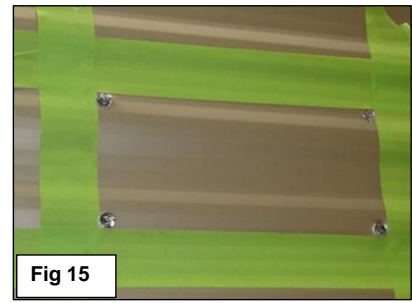
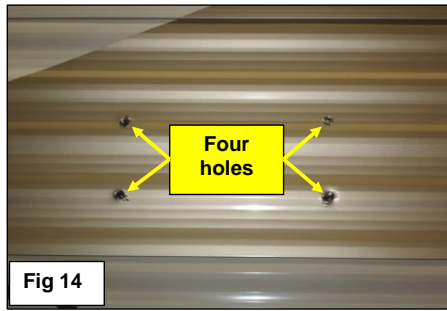
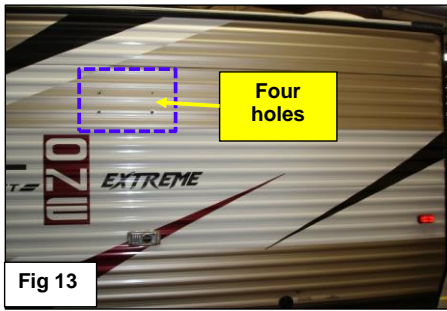
3. Measure for the opening for the vent on inside wall.

Use a straight edge (or square) to guarantee the lines are straight and at right angles to each other.
 Use pencil to draw a rectangle on the wall using measurements noted below. Measurements are made from the cabinets.
 Measure over 5.00" from the side cabinet. Then measure over 15-1/4" from the side cabinet (Fig 7)
 Measure down 3/4" from the bottom of the microwave cabinet. Then measure down 4-7/8" from bottom of microwave cabinet. (Fig 8)
 Tape up the wires to the bottom of the upper cabinet (Fig 9).



4. The rectangle location shown is for illustration only (Fig 10). It will actually be closer to the overhead cabinet that shown in the photo. Extend each of the 4 corner lines so they look like a cross (Fig 11)

Use the 1/2" spade bit, and drill four holes: one at each of those corner "crosses". (Fig 10,11 & 12)
 Holes should be drilled all the way through to the outside of the trailer. Keep the drill as straight as possible.
 Wall should look like Fig 12 when all the holes have been drilled.
 The rectangular hole will be cut from **exterior** of the trailer. Proceed to Step 5

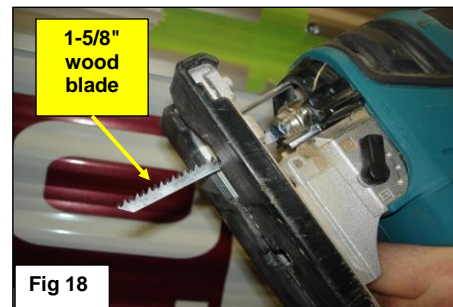
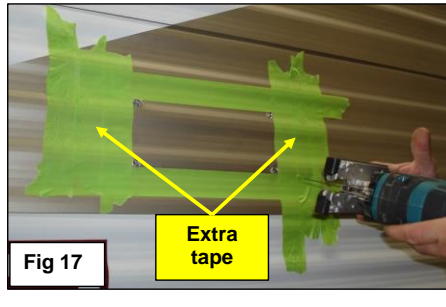
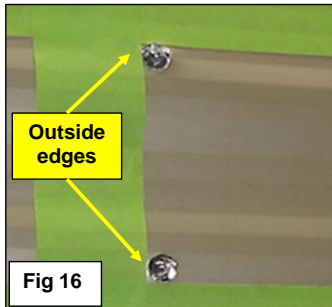


5. Exterior of the trailer should look like **Fig 13 & 14**.

Place painters tape and tape around the holes as shown in **Fig 15 & 16**.

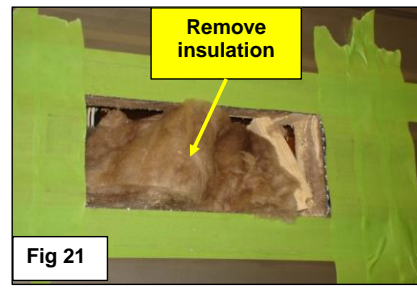
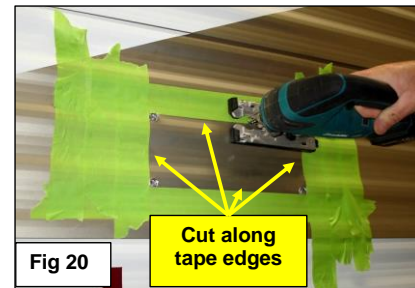
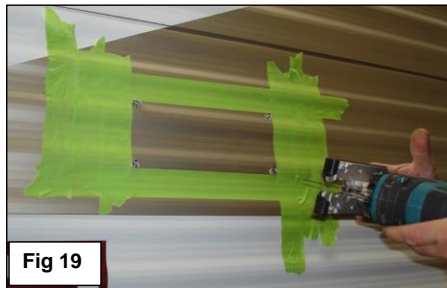
Use the straight edge (or square) to keep tape as straight as possible.

Tape should be as close to the outer edges of the holes as possible. (**Fig 15 & 16**)



6. Add extra painters tape to the two ends of the rectangle as shown in **Fig 17**, to protect the aluminum skin of the trailer while cutting.

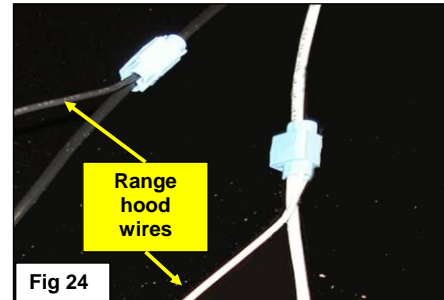
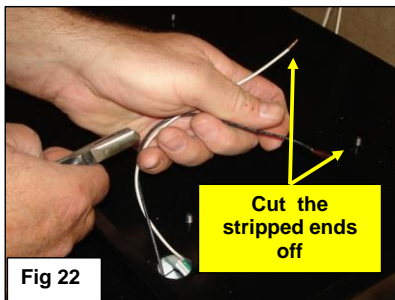
Use at least a 1-5/8" long wood blade on the jigsaw to cut through both the interior and the exterior walls. (**Fig 18**)



7. Double check that the wires inside the trailer are taped up out of the way before starting to cut the hole.

Begin in one of the corner holes, and cut out the rectangle following the tape edges (**Fig 19, 20 & 21**)

Pull out any insulation that is in the opening.



8. **WARNING: TURN OFF THE POWER TO THE TRAILER PRIOR TO STARTING THIS STEP!**

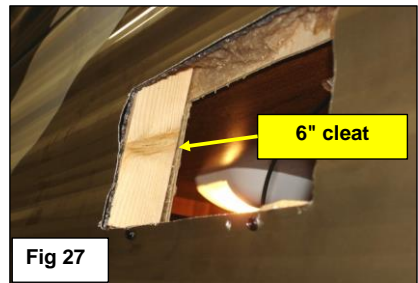
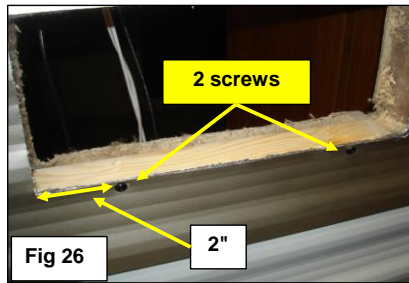
Cut off the stripped ends of the black and white wires of the new range hood. (**Fig 7 & 8**)

Put **new** Scotch Lock connectors on the black & white power wires in the same location as the old ones were. (**Fig 24**)

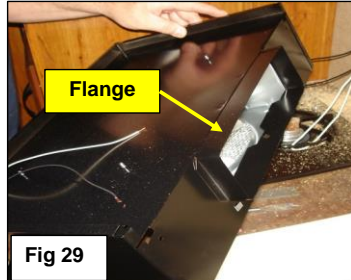
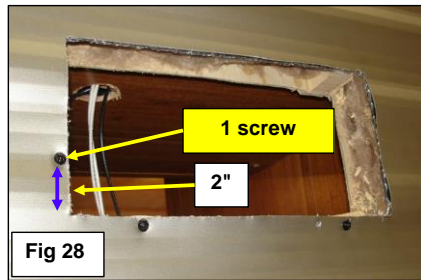
Slide the black & white wires from the range hood into each of the Scotch Locks. (black to black and white to white)

Crimp the Scotch Locks with a pair of pliers. Snap on the cover tabs of the Scotch Locks.

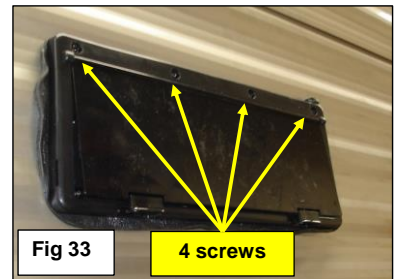
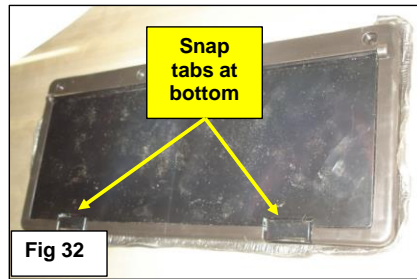
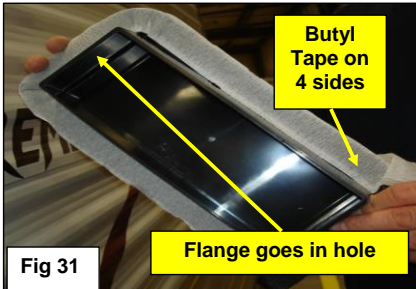
Return Power to trailer.



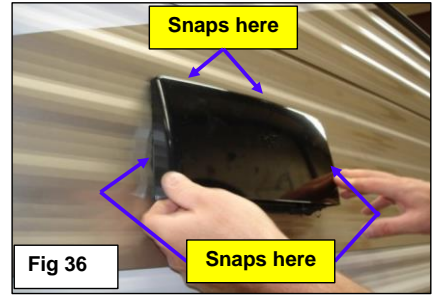
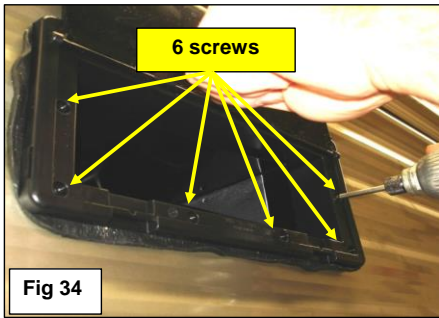
9. Insert the 13" cleat into the gap between inner and outer walls at the bottom of the cutout. (Fig 25)
 Insert two of the black #8 screws approximately 2" from each corner of the cutout and as close to metal edge, as possible. (Fig 26)
 Insert the 6" cleat vertically into the left side of the cutout between the walls. (Fig 27).



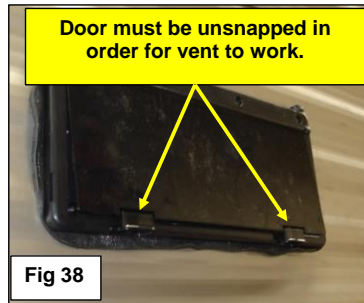
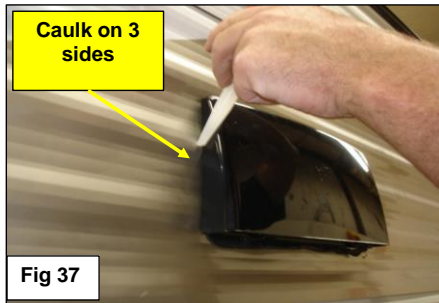
10. Put one of the #8 screws into the vertical cleat approximately 2" up from the bottom corner and as close to metal edge, as possible. (Fig 28)
 Insert the flanged part of the vent hood into the rectangular hole in the wall. (Fig 29).
 Push the range hood so the flange goes into the rectangular hole and the hood is against the back wall and the upper cabinet.
 Hold the hood in place, secure it to the bottom of the microwave cabinet with the 4 brass screws removed from the original range hood. (Fig 30)
 Install the screws from under the hood in the 4 corners exactly as installed for the original range hood. (Fig 2 & 3)



11. Press butyl tape onto the wide lip (on the flanged side) around all 4 sides of the plastic vent "box". (Fig 31)
 Remove backing tape from the butyl tape, and press the vent "box" into the rectangular hole, and flush to the trailer body. (Fig 32)
 The snap tabs on the vent "box" should be located at the bottom of the rectangular hole. (Fig 32)
**NOTE: WHEN INSTALLING SCREWS INTO THE VENT BOX:
 SOME OF THEM WILL ONLY PENETRATE THE OUTER ALUMINUM SKIN & A THIN PLYWOOD BACKER.
 DO NOT OVERTIGHTEN THESE SCREWS AS THEY WILL STRIP OUT. JUST SNUG THEM UP.**
 Secure the top of the "box" to the trailer wall with four #8 screws from the kit. (Fig 33)



12. Unsnap the 2 tabs at the bottom of the vent "box" and open it. Install 6 more #8 screws. (Fig 34) (1 each side, 4 at bottom)
 Using a plastic putty stick, scrape away all the excess putty from around the vent "box". (Fig 35)
 Leave the vent "box" door unsnapped in order to test out the range hood.
 Snap the air deflector onto the vent "box" (open side facing down) (Fig 36).
 The top of the air deflector will snap on first, followed by the two side snaps.



13. Use clear Geocel MHRV 2300 sealant (or equivalent) to caulk around the top and both sides of the deflector. (Fig 37)
 Test the range hood to verify it is blowing air out through the vent cover on the outside of the trailer.
NOTE: if the vent box door is snapped shut, the vent will not work properly. (Fig 38)