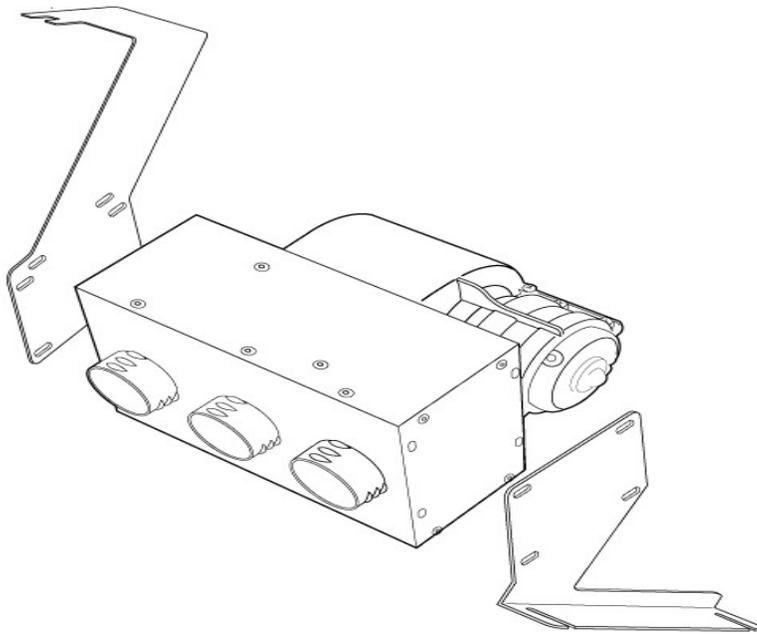


HEATER CRAFT

YAMAHA RHINO 700 INSTALLATION INSTRUCTIONS & OWNER'S MANUAL FOR 1102H SERIES CAB HEATERS



!!!CAUTION: AVOID INJURY!

SHUT OFF ENGINE AND ALLOW TO COOL.

THE RADIATOR WILL BE HOT AND CAN BURN SKIN.
BUILT UP PRESSURE MAY CAUSE AN EXPLOSIVE RELEASE
OF COOLANT WHEN RADIATOR CAP IS REMOVED.
DO NOT REMOVE CAP UNLESS THE ENGINE IS COOL TO THE
TOUCH WITH BARE HANDS, THEN SLOWLY LOOSEN CAP
AND RELEASE PRESSURE. THEN REMOVE CAP.

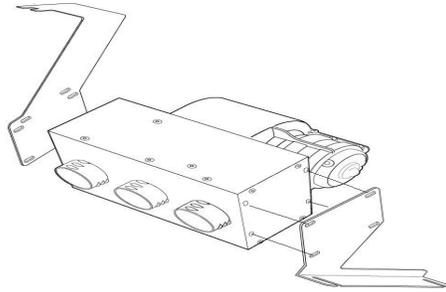
KIT CONTENTS:

QTY. 1 HEATER UNIT
QTY. 2 MOUNTING BRACKETS
QTY. 12' OF 2.00" VENT HOSE
QTY. 2 VENTS
QTY. 1 OVAL VENT
QTY. 8' OF 5/8" HEATER HOSE
QTY. 2 7/8" x 7/8" x 5/8" Tee
QTY. 10 #12 HOSE CLAMPS
QTY. 12 14.00" WIRE TIES
QTY. 12 4.00" WIRE TIES
QTY. 1 FAN SWITCH
QTY. 4 FEMALE SPADE CONNECTORS
QTY. 2 5/16" RING TERMINALS
QTY. 1 TAP CONNECTOR
QTY. 2 BARREL/BUTT CONNECTORS
QTY. 1 FUSE HOLDER AND 10A FUSE
QTY. 8' SPLIT LOOM
QTY. 8 #8-32 X 1/2" BRACKET SCREWS
QTY. 3 #10-32 X 3/4" MACHINE BOLT
QTY. 3 #10-32 LOK-NUTS
QTY. 2 #10 X 3/4" FLAT HEAD DEFROSTER GRILL
MOUNTING SCREWS
QTY. 1 INSTALLATION INSTRUCTIONS/OWNER'S
MANUAL.

READ INSTRUCTIONS BEFORE STARTING

MOUNT HEATER UNIT:

Install brackets as shown using provided #8-32 screws provided.

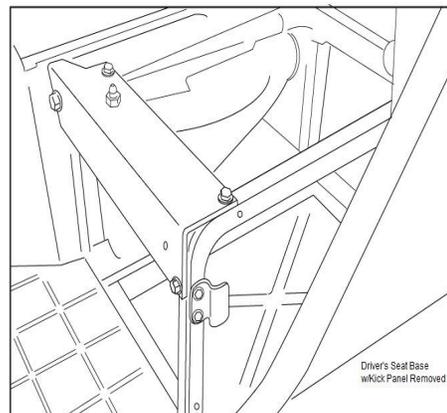
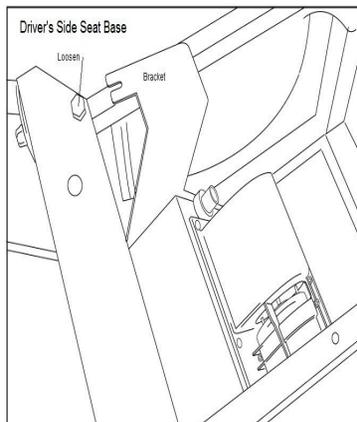


Remove the Passenger/Driver's seats, kick panels, console, and engine cover.

Slide open ended heater mounting bracket (passenger side) under loosened seat base bolt and secure by tightening. (vent outlets will face forward)

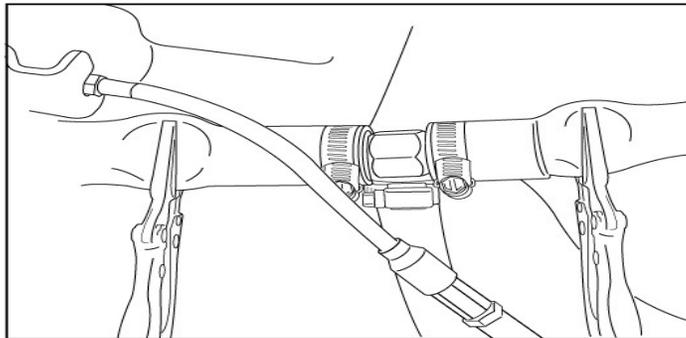
Secure the opposite (driver's side) bracket by sandwiching the slotted tab between the plastic side panel and the skid plate.

Insert the supplied #10-32 x 3/4" bolt in remaining slot in mounting bracket and secure with provided lock nut.

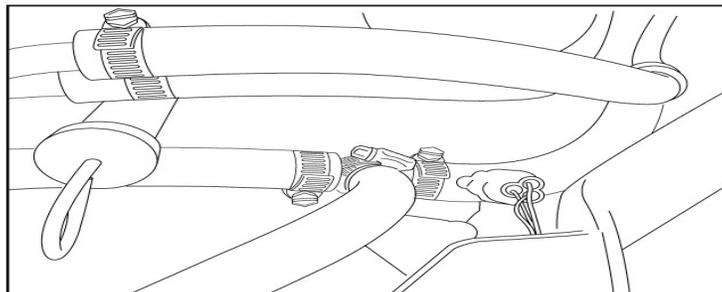


PLUMBING:

Locate the upper radiator hose (Driver's side) and place a clamp 4.00" from the thermostat housing and another 10.00" from the thermostat housing. Cut the hose between clamps and install TEE fitting with the branch towards the Heater unit. Attach a new piece of provided hose to the branch and route to the Heater's Upper port using the provided hose clamps.



Locate the lower radiator hose (Passenger side) and place a clamp 2.00" from the water pump and another 7.00" from the water pump. Cut the hose between the clamps and install the remaining TEE fitting with the branch facing downward. Attach a new piece of the provided hose to the branch and route behind the motor avoiding all moving parts and pinch points to the Heater's Lower port using the provided hose



PLUMBING: cont.

Remove Upper radiator hose from thermostat housing and fill system with 50/50 antifreeze/distilled water and re-attach hose to thermostat housing. Clamp and tighten as needed.

VENTS AND HOSE ROUTING:

Using the oval vent's plenum (bottom) as a template; center the vent in front of steering column and cut an oval slot 1.00" wide and 5.80" long, making sure NOT to cut out the two mounting holes for the vent.

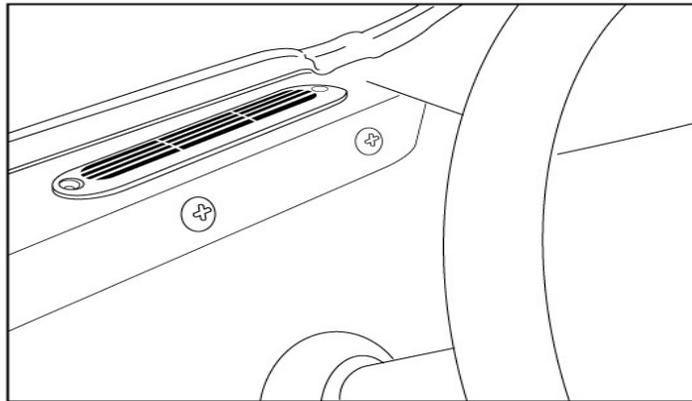
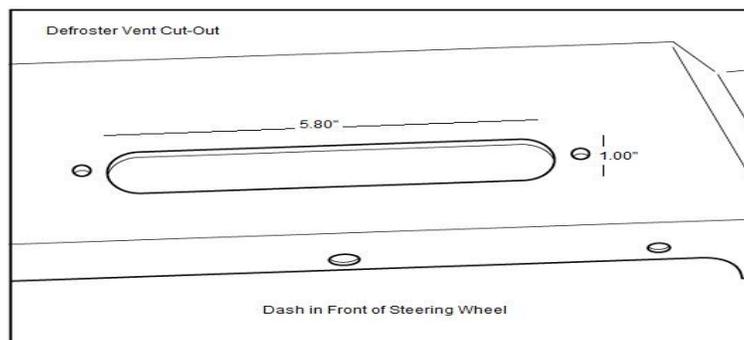


fig.4.1.1



VENTS AND HOSE ROUTING cont.

Place the oval vent's plenum (bottom) under the dash and sandwich the dash between the grill and plenum. Use the #10 x 3/4" screws to secure.

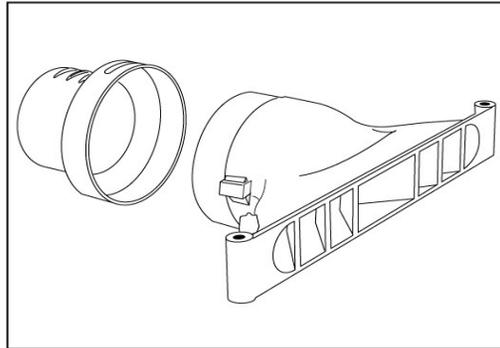
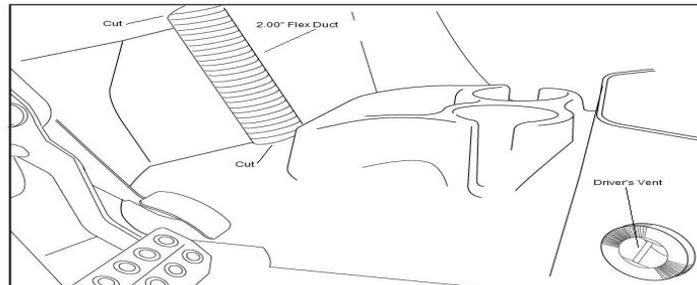


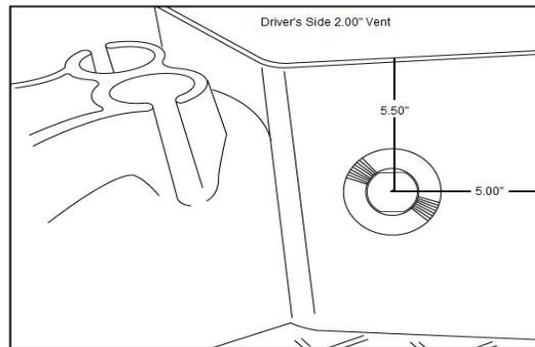
fig.4.2

Using a 2.250" hole saw, drill a 2.250" hole in the center of the firewall, right above the vertical kick panel. Using the same 2.250" hole saw drill another 2.250" hole in the previously removed console, directly centered in front of the cup holder recess. Attach an adequate length of 2.00" vent hose to the Heater units closest exhaust port (passenger's side) and then route under console, up and out of the previously cut 2.250" console hole, up through the hole in the firewall and attach to the oval dash vent's hose flange. Secure with zip ties.

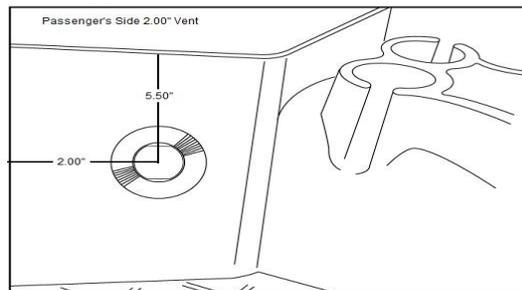


VENTS AND HOSE ROUTING cont.

Using a 2.00" hole saw, cut an opening in the Driver's side angled wing of the console 5.50" from the top and 5.00" from the side. Insert the provided 2.00" round vent and snap into place.



Using the same 2.00" hole saw, cut an opening in the Passenger's side angled wing of the console 2.00" from the side and 5.50" from the top. Insert the remaining 2.00" round vent and snap into place. Cut adequate lengths of 2.00' hose and route hose from installed vents to the remaining two exhaust ports on the heater unit.



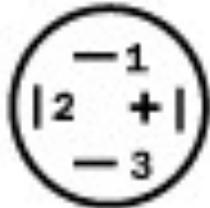
WIRING/ELECTRICAL:

Locate Black ground wire from heater motor and cut/route to the Negative post on the battery using the provided Ring Terminal.

Determine a place to install the Heater fan switch and drill 7/16" hole to mount the switch without the mounting plate and a 1-1/8" hole to mount the switch with the mounting plate attached for thicker dash applications.

Using the four provided Female Spade Connectors, attach the three remaining wires from the motor to the switch back following this sequence: Yellow #1, Red #2, Orange #3

The remaining post on the switch back is designated for the +12vDC fused lead from the battery or Accessory side of the Key Switch.

**FINAL:**

Top the system off with 50/50 antifreeze/distilled water through the radiator cap. This procedure takes time but should purge all of the air out of the system once the engine is running. Get the vehicle up to temperature and loosen the cap to purge any remaining air from the system and top off if necessary.