

Kawasaki Teryx 1000 (2020-Current) Direct-Fit Cab Heater with Defrost

STEP 1: PRE-INSTALLATION

- 1) Remove the center dash panel (**PIC01**).
- 2) Remove the hose access panel on the passenger side floor (**PIC02**).

STEP 2: INSTALL LOUVERS

- 3) Using the rectangular defrost cut-out templates, set them in the defrost vent locations and use a 1/4" drill bit to drill out pilot holes in each corner (**PIC03**).
 - Center the template cut-out opening over the factory molded embossment cut-out. The long sides will be slightly wider than the factory embossment and the short sides will be slightly narrower than the factory embossment (**PIC03**).
- 4) Using your preferred cutting tool, make cuts connecting each pilot hole that was drilled out in each corner. Carefully enlarge the opening using a razor blade, if needed (**PIC04**).
- 5) Install both defrost vents (**PIC05**).
- 6) Cut (2) pieces of duct at 24" and attach them to the back of the defrost vents using the zip ties provided.
- 7) Using the louver cut-out templates, tape them in the floor louver locations and use a 1/8" drill bit to drill out pilot holes - these will be used to start the hole-saw (**PIC06**) (**PIC07**).
- 8) Using a 2-1/8" hole-saw, drill out the holes for both the floor louvers.
- 9) Separate the louver face from the louver adapter (**PIC08**).
- 10) Cut (2) pieces of duct at 24" and attach them to the louver adapters.
 - Before attaching the duct put the duct clips on the louver adapters, then slide on the duct and secure with the zip ties provided. Make sure not to over-tighten the zip tie as it can distort the adapter and make it hard to reconnect to the face.
- 11) Install the louver faces into the cut-out holes (**PIC09**) (**PIC10**).
- 12) Attach the louver adapters (with ducting connected) to the louver faces from the backside of the dash paneling.
NOTE: Leave all ducting hang, it will be attached to the heater box later in the install.

STEP 3: SPLICE INTO THE RADIATOR LINES

- 13) Set the heater in place, but do not mount to the machine (**PIC11**).
- 14) Mark where the heater hoses will run through the center panel.
- 15) On these marks, use a 1-1/2" hole-saw drill two openings for the heater hose (**PIC12**).
 - **DO NOT** aggressively plunge through the center panel as there are radiator hoses on the back side.
- 16) Take the two Y-Fittings and connect the 1-foot runs of heater hose to the 5/8" splice. You want to do this before installing the Y-Fittings into the radiator lines.
NOTE: Refer to step 20 and PIC14 where it discusses how to install the hose clamps so the excess clamp is facing away from the other hose.

- 17) Splice one of the Y-Fittings into the upper radiator hose and one into the lower radiator hose. Refer to **PIC13** diagram showing how the Y-Fittings need to both point toward the radiator to keep with the flow of the system.
- 18) When installing the Y-Fittings you can either drain the coolant in the system (and refill at the end of the install) or you can use line clamps (**PIC14**).
- 19) Make your cut on the radiator hose then slide the large hose clamps onto each side of the hose.
- 20) Run the heater hose through the 1-1/2" holes and then install the Y-Fittings into the radiator hose.
 - When installing the Y-Fittings make sure to install the hose clamps so the excess clamp that comes after tightening does not hit the other hoses. See **PIC14** and note the **RED** arrow shows how NOT to install the clamp and the **GREEN** arrow shows how the clamp SHOULD install.
- 21) You will connect the heater hose to the heater box in **STEP 4**.

STEP 4: MOUNT THE HEATER

- 22) Set the heater in place and check if you need to cut down either of the heater hose lines to fit; if so, cut the lines now and install the heater hose onto the core fittings (**PIC15**).
- 23) Set the heater in place and install the two black hex bolts into the factory bolt openings (**PIC11**).
- 24) Use the provided self-tapping screw to mount the rear mounting plate (**PIC11**).
- 25) Connect all four runs of duct to the heater box adapters using the zip ties provided (**PIC11**).

STEP 5: WIRING

- 26) Using a razor blade, cut out a switch embossment and install the rocker switch (**PIC16**).
- 27) Using the wiring harness, plug the switch connector into the back of the rocker switch.
- 28) Using the wiring harness, run the blower fan connector to the heater box and plug it into the heater blower.
- 29) Using the wiring harness, run the red and black wires to the 12v accessory bar (**PIC17**).
- 30) Once the wiring is complete test it to make sure the blower runs properly.
- 31) Reinstall the machine panels.

STEP 6: REFILL COOLANT

- 32) Refill the radiator and check for leaks.
- 33) Start the machine and allow the engine to warm up and circulate the coolant.
- 34) Drive the vehicle and put it under a good load, this will help expel air from the system.
- 35) When done let the machine cool down, recheck the coolant level and refill if needed.
- 36) Coolant will be consumed as the air is expelled from the system. It is possible you will need to run the machine and recheck fluid levels multiple times before working out all of the air.



PIC01



PIC02



PIC03



PIC04



PIC05



PIC06



PIC07



PIC08



PIC09



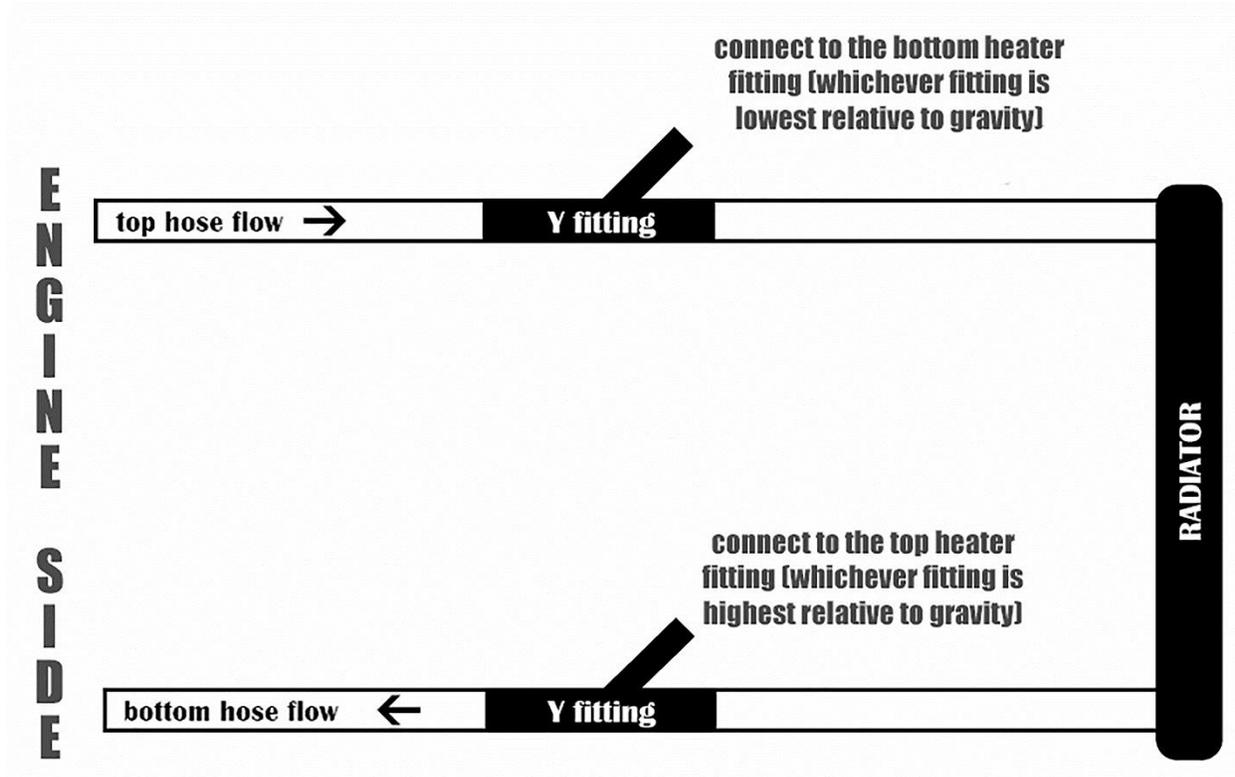
PIC10



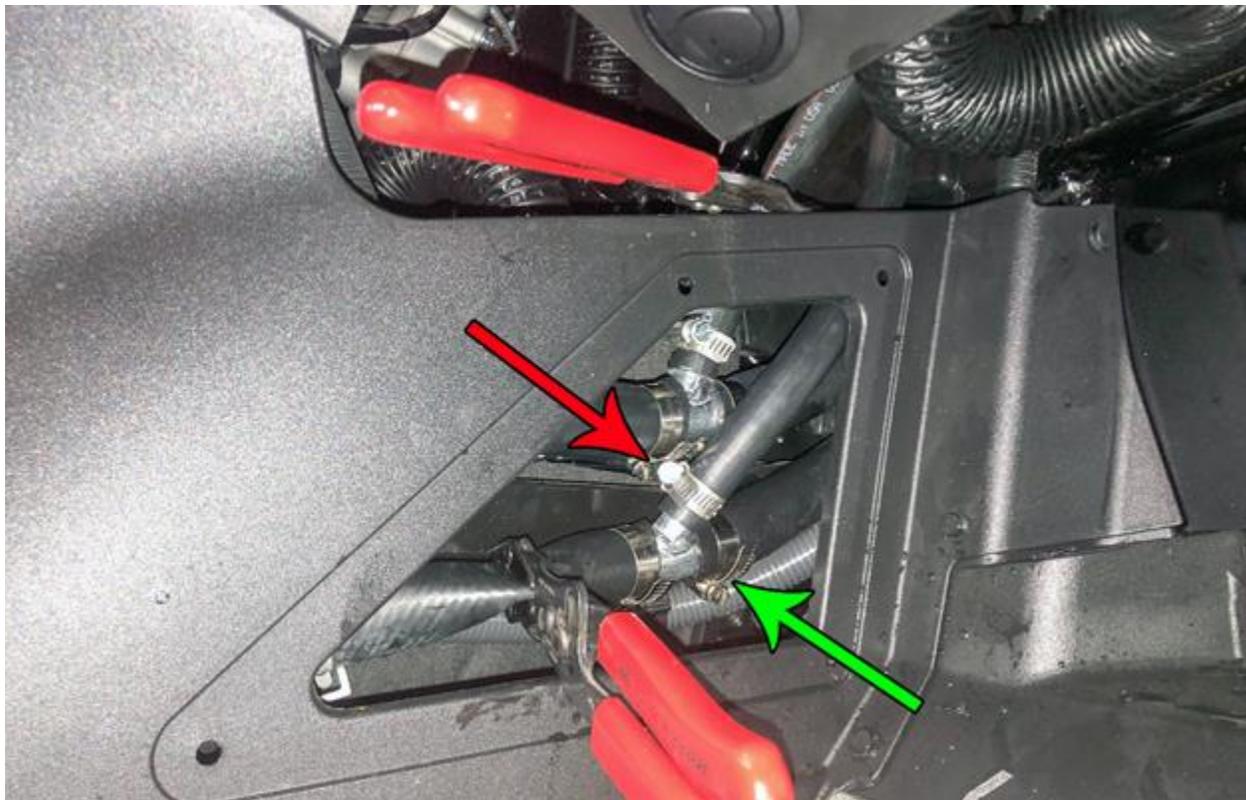
PIC11



PIC12



PIC13



PIC14



PIC15



PIC16



PIC17

