

Honda Pioneer 700 & 700-4 (2014-Current) Direct-Fit Cab Heater with Defrost

STEP 1: INSTALL SWITCH PLATE

- 1) Remove the WARNING sticker plate on the dash. Use a 1/8" bit to remove the rivets.
- 2) Install the replacement plate using the 6 black rivets provided.
 - Make sure the pilot holes for the defrost louvers are towards the top of the plate (**PIC01**).

STEP 2: WIRING

- 3) Using a razor blade, cut out the switch opening and install the rocker switch.
- 4) Using the wiring harness, plug the switch connector into the back of the rocker switch.
- 5) Locate the 12v charging dock (**PIC02**). From the backside, un-plug the wiring connector and splice into this connection with our wiring harness (**PIC03**).
- 6) Leave the white blower connector, you will plug this into the heater blower in STEP 4 when you mount the heater.

STEP 3: INSTALL LOUVERS AND RUN DUCT

- 7) Using a 2.5" hole-saw, drill out the openings for the two defrost louvers (**PIC01**). Use the two drill bit pilot holes already in the switch plate for starting points.
- 8) The louvers included in the kit are 2-piece louvers, screw off the adapter from the face and attach the duct clips on the adapters.
- 9) Cut (2) 22" pieces of duct and attach them to the adapter side of the 2-piece louvers using the zip ties provided.
 - For the Power Steering model, use the shaved adapter on the driver side defrost. If you have the Standard model you can use this louver anywhere.
- 10) Set the louver faces in the defrost holes and screw the adapters on from the backside.
 - For the Power Steering model make sure to feed the duct through the middle of the framing bracket behind the driver side defrost louver.
- 11) Using a 2.5" hole-saw drill out the (2) holes for the floor louvers (**PIC02**).
 - Use the cut-out templates and tape them on the floor louver locations. Measure off the front edge of the panel to assure symmetry.
 - Using the template mark, drill a 1/8" pilot hole as a starting point for the hole-saw.
- 12) Cut (2) 20" pieces of duct and attach them to the adapter side of the 2-piece louvers using the zip ties provided
- 13) Set the louver faces in the floor holes and screw the adapters on from the backside.

STEP 4: MOUNTING THE HEATER

- 14) Set the heater in the mounting position (**PIC04**) and mark the 2 mounting holes.
 - Drill into the marks with a 1/8" drill bit for pilot holes.
- 15) Before mounting the heater, attach the four runs of duct to the adapters on the heater box.
- 16) Use the 2 self-taping screws and securely mount the bracket in the pre-drill holes.
- 17) Connect the wiring harness connector to the blower fan.

STEP 5: SPLICE INTO THE COOLANT LINES

- 18) Cut two pieces of heater hose at lengths of 80" (Inlet Hose) and 76" (Return Hose).
- 19) Remove the seat on the machine and locate the oil cooler line on the passenger side (**PIC05**).
- 20) Connect the hose to the heater core and feed the two runs of heater hose under the machine to the engine.
 - The 80" hose connects to the lower heater core fitting (relative to gravity).
 - The 76" hose connects to the higher heater core fitting (relative to gravity).
- 21) Replace the factory oil cooler line with the heater hoses (**PIC06**).
 - Either: drain the coolant from the radiator lines, or quickly replace the oil cooler lines with the heater hose lines to limit coolant loss.

STEP 6: REFILL COOLANT

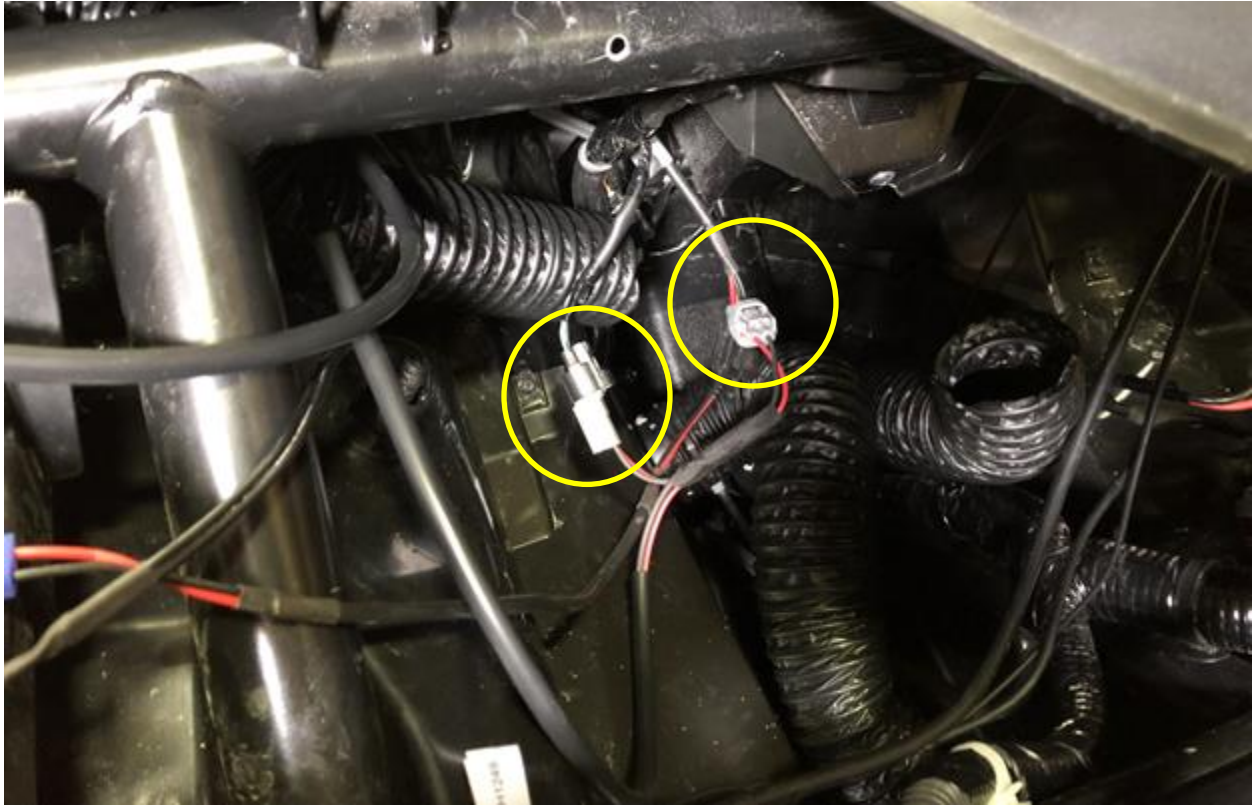
- 22) Refill the radiator and check for leaks.
- 23) Start the machine and allow the engine to warm up and circulate the coolant.
- 24) Drive the vehicle and put it under a good load, this will help expel air from the system.
- 25) When done let the machine cool down, recheck the coolant level and refill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



PIC01



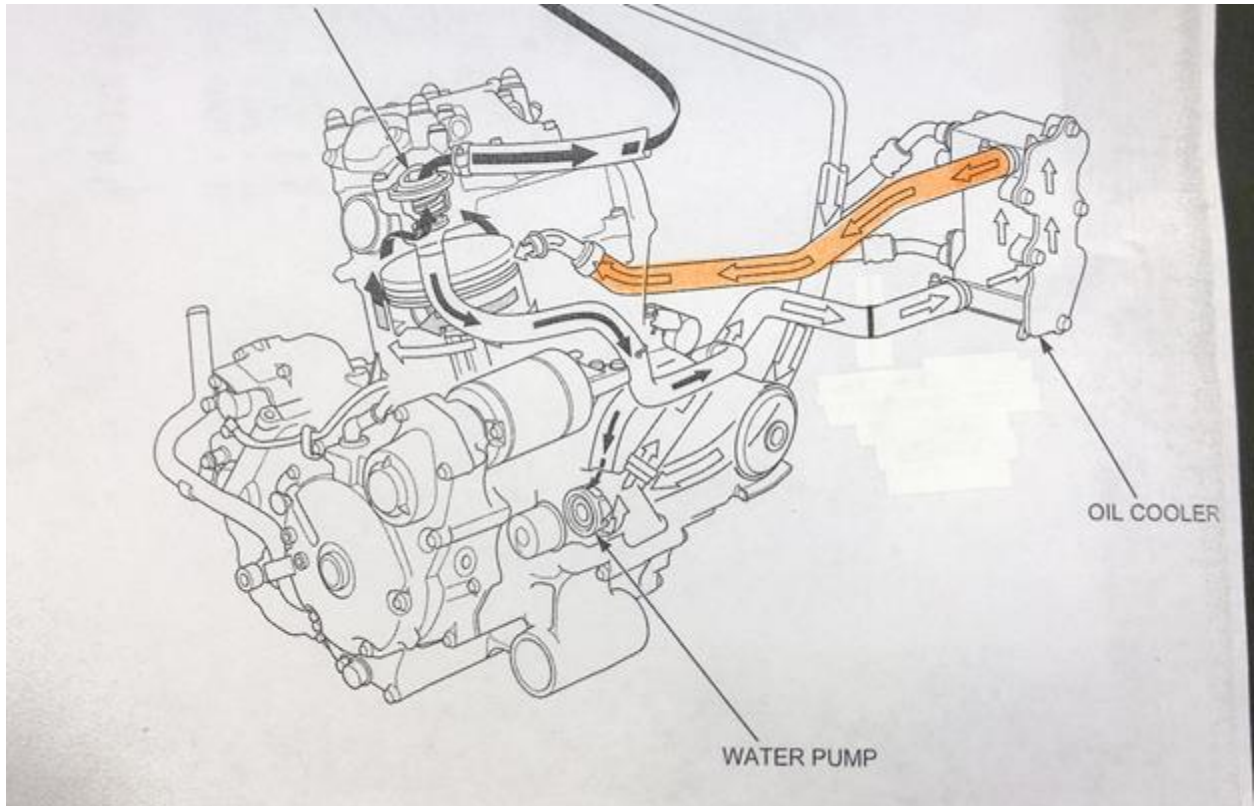
PIC02



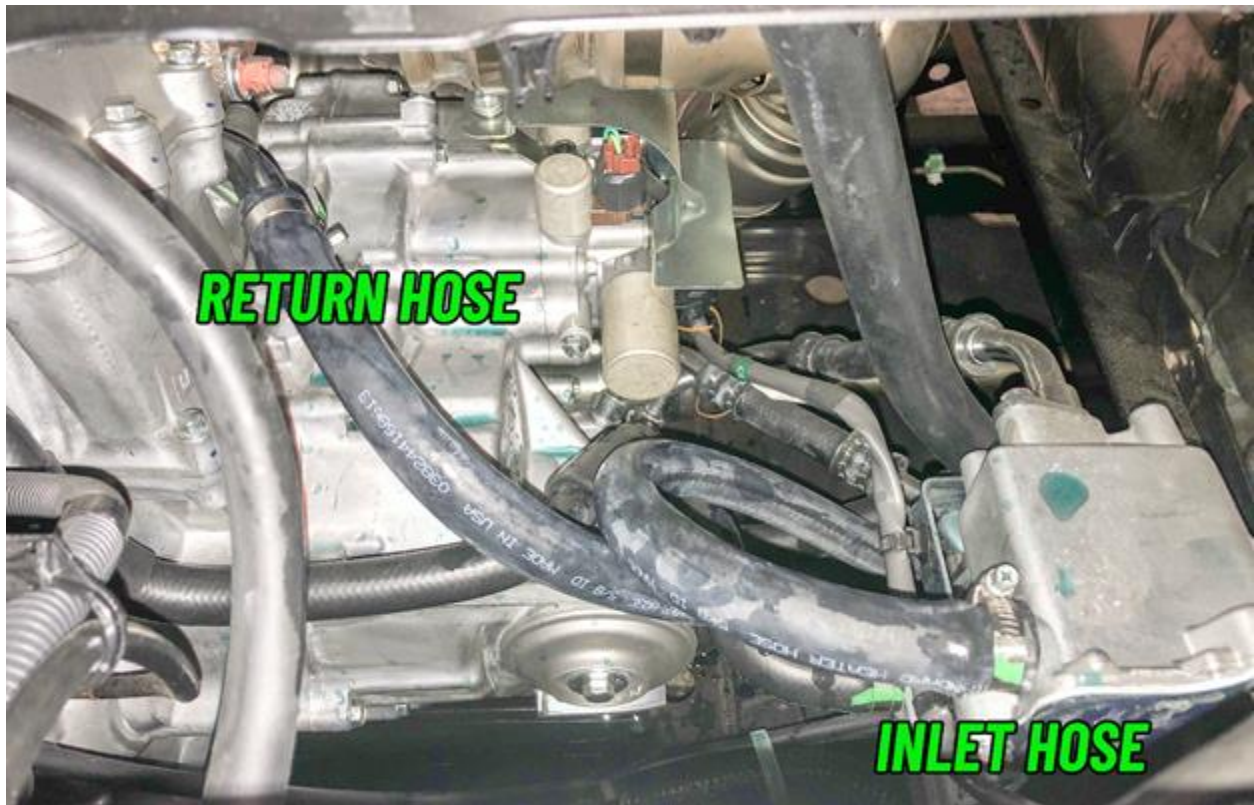
PIC03



PIC04



PIC05



PIC06

