2015-Current
Honda Pioneer 500
Direct-Fit Cab Heater with Defrost

STEP 1: PRE-INSTALLATION

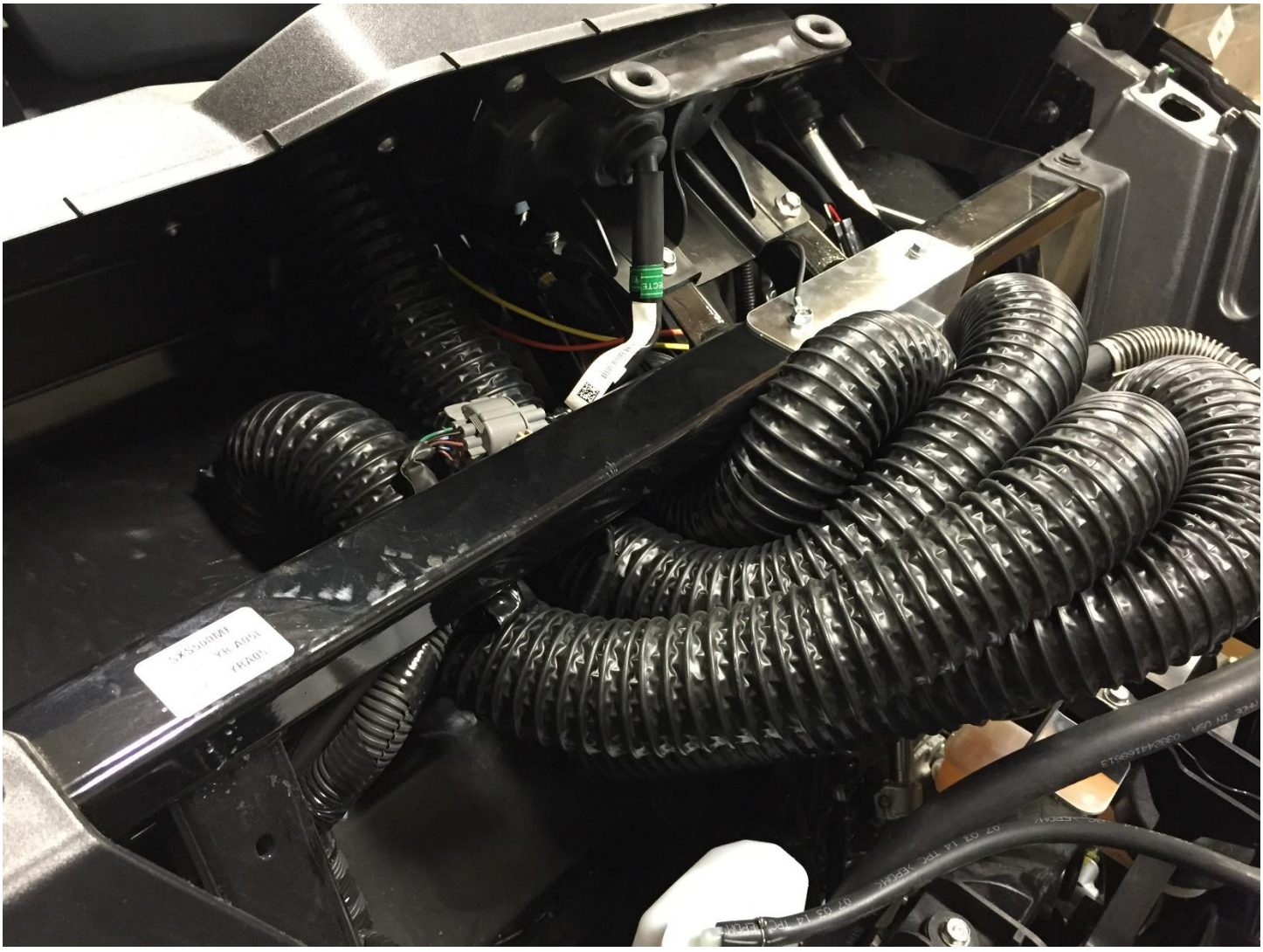
1) Remove the front hood.
2) Remove the center hood panel.
3) Remove the driver/passenger seats and the plastic panels that guard the engine.
4) Remove the factory thermostat from the thermostat housing circled below.
5) Once removed, reseal the thermostat housing (wait to put the panels and seats back on until after the installation is complete and you're able to confirm there are no leaks).

   NOTE: A thermostat bypass valve is included in the kit and will be used when splicing into the upper radiator hose.

STEP 2: INSTALLING THE HEATER BOX

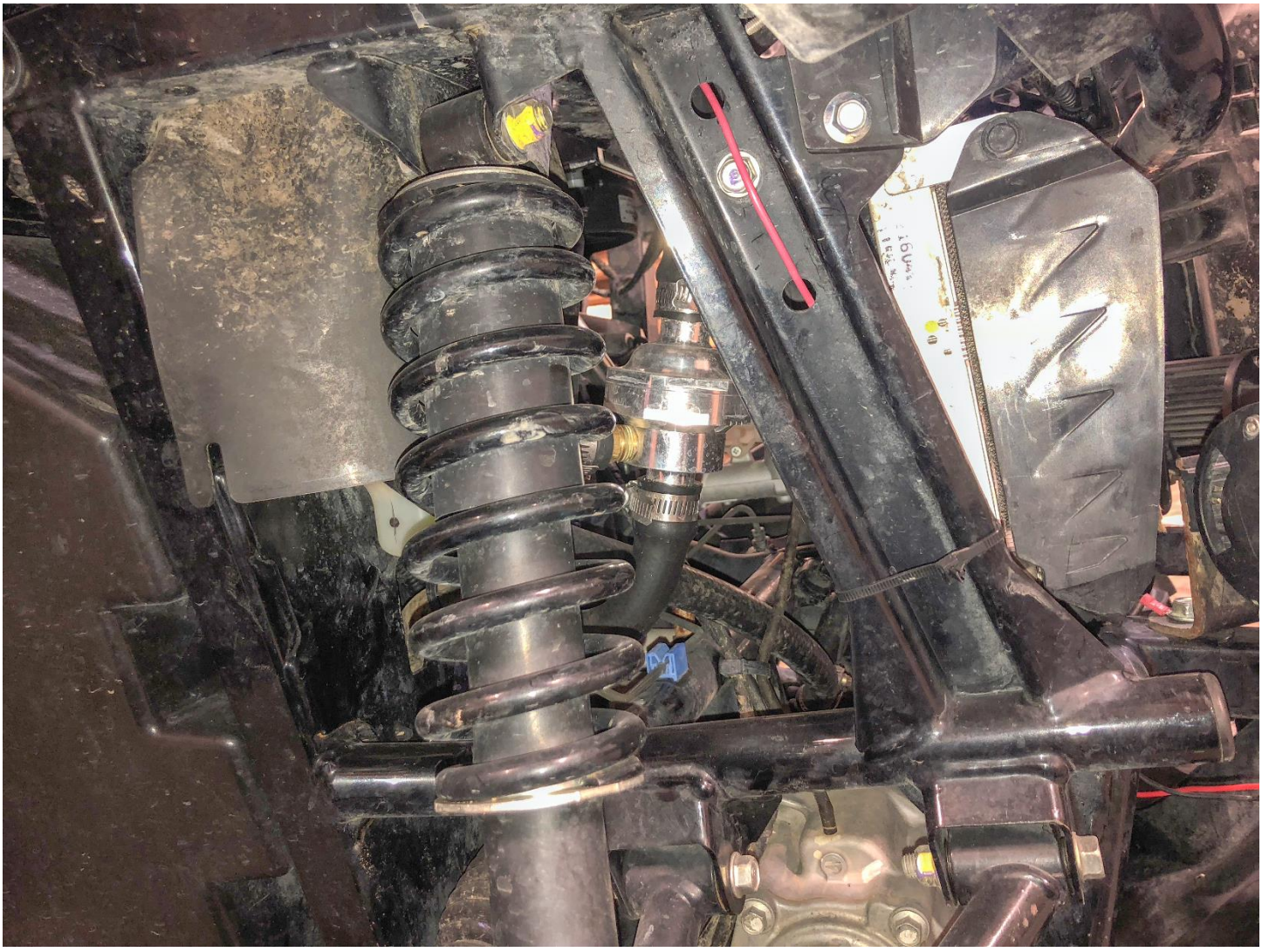
6) The heater mounts under the hood between the larger square cross members (See Photo below).
7) Mark the 4 mounting holes and drill into the steel framing with a 1/8” drill bit.
8) After the holes are drilled use the 4 self-taping screws and securely mount the bracket.

NOTE: Make sure the heater core fittings are facing the passenger side.



STEP 3: SPLICE INTO THE RADIATOR LINES

9) Drain the radiator (if you have line clamps you can use those instead of draining the radiator).
10) Cut the heater hose into pieces of 2-feet and 3-feet.
11) Cut into the upper (inlet) radiator line and install the thermostat bypass valve (see photo below), secure with the hose clamps provided.
12) Take the 2-foot piece of heater hose and run it from the bypass valve to the lower heater core fitting (relative to gravity), secure both ends with the hose clamps provided.
13) Cut into the lower (return) radiator line and install the Y-Fitting, secure with hose clamps provided (see photo below). Make sure the splice fitting is pointing toward the radiator to keep with the coolant flow when returning back into the radiator line from the heater core.
14) Take the 3-foot piece of heater hose and run it from the Y-Fitting to the higher heater core fitting (relative to gravity), secure both ends with the hose clamps provided.
15) Last, splice into the 3-foot heater hose return line and install the bleed valve fitting provided (see photo below). Install this just off the upper heater core fitting and use it to remove air from the system after the installation is complete.



Passenger Side Wheel Well

Driver Side Wheel Well

Bleed Valve

STEP 4: INSTALL LOUVERS AND RUN DUCT

16) Take the thin-line defrost louvers and set the base on the dash in the spots shown below and trace the vent opening as well as the two screw holes.
17) Use a small drill bit for the two screw holes and a ½" bit for the two large holes (see picture below).
18) Using a razor blade cut out the traced vent opening (see picture below).
19) Install the vent grill on the top side and the adapter on the back side and tighten using the screws provided.
20) A 2.5" hole-saw is the size you need for the two floor louvers. The Photos below show the recommended locations for the floor louvers; however, if one wishes to change the location of any louver that is up to the installer.
21) Cut the duct hose provided into four 2-foot lengths.
22) Run the Duct from the backside of the louver adapter to the four adapters on the heater box. Use the zip ties provided to secure the runs of duct.


WARNING
Improper use can result in SERIOUS INJURY or DEATH.
Driver and passenger should always wear their seat belt.
Always wear a helmet and eye protection. Hitting your head against
this roll cage can result in serious head injury.
Improper operation on hills and rough terrain can result in a crash or
rollover. Keep speed low and don't drive faster than conditions permit.
Never drive after using drugs or alcohol. Even small amounts can impair
your ability to drive safely.
Vehicle is for off-highway use only, and use on public roadways could be a
violation of law and may be hazardous.
The driver must be age 16 or older. The passenger must be large enough to hold
onto the handhold and put both feet flat on the floor.
Vehicle occupant capacity is 1 operator and 1 passenger. Occupants should only ride
in designated seating positions with only one person in each seat.
Close doors and latch nets before driving.
READ THE OWNER'S MANUAL.
FOLLOW ALL INSTRUCTIONS AND

STEP 5: WIRING

23) Remove the warning sticker and replace it with the switch panel provided (see photo below).
24) Cut out the switch openings using a razor blade.
25) Install the switch and use the switch covers provided to cover up any unused openings.
26) Connect the yellow and orange wire from the heater blower to the back of the rocker switch.
27) The fused red wire can be ran to the factory 12v connector as shown below.
28) Ground the black wire coming off the switch.

NOTE: See Photos below on how the wires connect to the backside of the switch.

STEP 6: REFILL COOLANT

29) Refill the radiator and check for leaks.
30) Start the machine and allow the engine to warm up and circulate the coolant.
31) Test drive the vehicle and put it under a good load, this will help expel air from the system.
32) When done let the machine cool down, recheck the coolant level and refill coolant if needed.
33) 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.

If you have any questions please call us at 1-866-730-7169.