

# **Z4175, Z4180**

## **New Universal Cab Heater Kit UTV**

New cab heater kit for most makes of UTV's. Designed to mount on the floor and does not eliminate the storage compartment under the hood. There are only two holes to drill for the heater hoses to install this system. This kit can be installed in about 1 hour.

Features:

3 Speed Hi Output Blower

290 CFM Fan Draws 4 Amps

Motor has 4,000 hour Brush Life and 3 year warranty

4 Fully Adjustable Louvers

Powder coated Steel Case (Not Plastic)

You will need a 1 inch hole saw, 3/16" drill bit, 3/8" wrench, pop rivet gun, screwdriver and if you have hose pinch off pliers it will make this job much easier

Position the heater with the mounting bracket attached on the floor with the heater hose fittings pointing forward. You can point the hoses towards the rear if you have to but typically the radiator is in the front of the machine and it is easier to tee into the radiator hoses there since some machines have steel coolant tubes.

Mark where the hoses will go through the body, making sure you won't run into anything on the other side when you cut your holes and drill 2 one inch holes. Now you can position the heater hose fittings through the holes you just drilled and mark where the bracket is on the floor. Unbolt the heater from the mounting bracket, mark and drill 3/16" holes for the pop rivets, install the pop rivets. These are an exploding type rivet that spreads out on the back side; we use these since most of these machines have skid plates that keep us from getting to the bottom side of the floor easily.

The black wire goes to a suitable ground on the frame, engine or battery. The red wire goes to keyed power, a power point that goes dead when the key is shut off, typically there is an auxiliary power somewhere under the dash or near the battery.

Mount the heater to the bracket and tighten the 4 bolts. Remove lower radiator hose and drain cooling system if you don't have pinch off pliers, install hose back onto radiator, cut the lower hose where there is enough room for the fitting and install the Y fitting making sure the heater hose connection is pointed in the correct direction, do the same on the upper radiator hose, again making sure the heater hose connection is pointed in the correct direction. There is an illustration sheet included that shows how to correctly install the Y fittings.

Attach the heater hoses to the previously installed Y fittings; the top hose you will want to attach to the heater core inlet that looks like it is blocked off. The bottom hose will be attached to the outlet; that is the one where you can see the inside of the core. Tighten all clamps, refill radiator and check for leaks. Start the machine and recheck coolant level, the kit will require approximately 1 additional quart of coolant. You may want to drive it around for a while to allow the engine to warm up and circulate the coolant, it may take a few minutes before you get any heat out of the heater, and this is due to the air in the cooling system. Once you start getting good heat recheck coolant level and check again for leaks.

