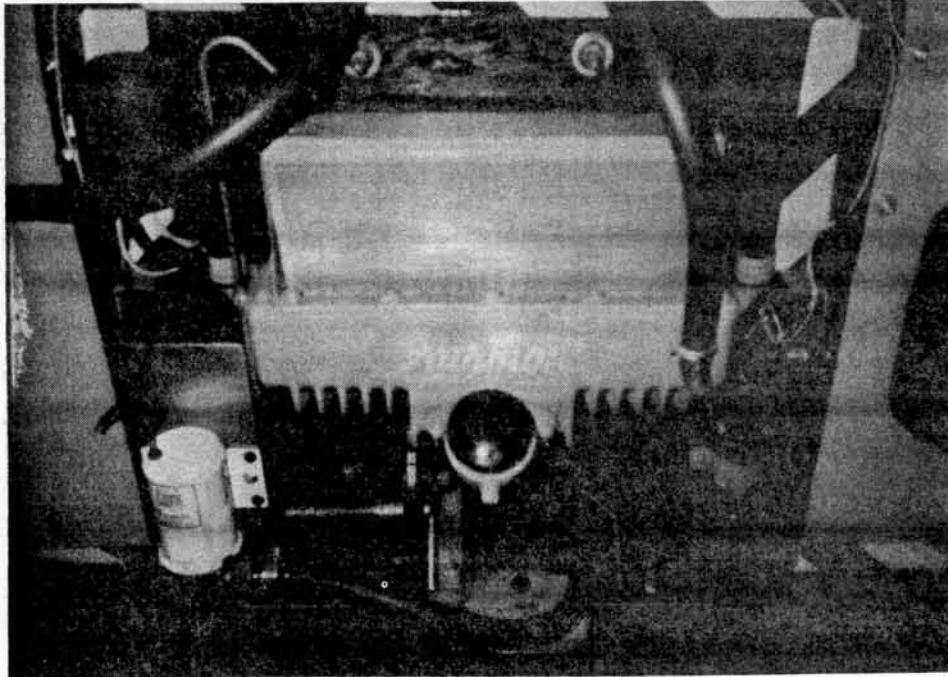




How To: Build a Heating System

By Bruce A. Ferguson

Here's how to build and install an effective heating system for your car. This will work if the engine is the



Fairmont two-stroke RO, OD, or RK type engine. This engine has a water hopper with a vapor condenser, and can also be found on some Canadian cars.

Connect a heater hose to the draincock. Connect the other end of that same hose to a 6/12 volt, three-AMP water pump. (Be sure to take note of the inflow/outflow sides.) The outflow hose runs to a water core, with a 6/12 volt fan. Next, run the outflow hose from the heater core to the lower front side of the water hopper, connecting it to a petcock that you have tapped into the hopper.

Wire your pump and fan to different switches. No real need to have your pump or fan on all the time. Also, by turning only the pump on, your water temperature will drop if you are concerned about the temperature reaching 210 plus. My temperature drops to 180 degrees when I run the pump.

With some planning, I was able to install the heater core in the middle of the inside "fire wall," just above the engine lid. The CP speeder shop had located the heater in the lower left side, by your feet. It measures 8 1/2 inches by 8 1/2 inches by 8 1/2 inches.

It's great heat! It's "free" heat!

The picture at left shows my Fairmont, modified as described, which provides heat to the cab.

Bruce Ferguson Photo