

INSTALLING AN A/C UNIT IN A 1966 SERRO SCOTTY

After looking at the many different ways to install an A/C unit in a Serro Scotty, I sat down and this is what I came up with. I felt inspired by many of the designs I found, and wanted to document this for others to use it for inspiration in their rebuilds. This is not perfection, and I encourage you to seek the way that works for you. I hope you find this helpful, and enjoy.

Sincerely,

Ed Fuller.



07.14.2013

Cut a hole in the new floor, underneath the bed.
I installed a locking cargo door.

**View of the cargo door looking up from underneath.
The door is installed with the hinge forward.**





I built the screen to fit the opening. This is to keep insects and critters out



**Here the screen is installed. It is flush with the floor.
On the next slide you will see the pan I made from 0.040"
aluminum. This is to catch water condensation.**



0.040 aluminum drip pan

07.18.2013



This is the duct, from the same 0.040" aluminum. This will exhaust the hot air downward thru the screen and out the cargo door



The 5000 BTU A/C unit is sitting in place.



The exhaust duct is in place as well.



Here is a side view. This side will be closed up later to create a fresh air intake chamber. Note: the bed will be raised to accommodate the height of the A/C.



This is two views looking up thru the cargo door at the rear of the A/C unit. The hot air dumps right out.



Here I layed out for a vent register to bring in fresh air and installed with Stainless Steel screws.





Bed structure has been built up to allow space for fresh air intake when bed plywood is closed.



Bed platform is installed. I gave it a test run. The temp in the shop was 95 degrees, I was able to drop the temp in the camper to 75 degrees. The hot air vented as advertised, and the intake vent was pulling in air. All I need to do now is run a dedicated electrical outlet.