

ENVIRO-SAFE

REFRIGERANTS

Enviro-Safe Vacuum Pump Instructions

(for Auto and Home use)

Note: Before using the vacuum pump, check the oil to make sure that it is at the proper level. Be sure that the manufacturer's recommended filter dryer is in place on the unit.

1. Remove the black exhaust cap from the vacuum pump (save it).
2. Remove the black screw cap that points up from the pump (it should be on a tether).
3. Connect the **yellow** hose of the manifold set to the inlet port.
4. Connect the **blue** hose of the manifold set to the large line (low pressure) of the vehicle's (or house's) A/C unit.
5. Connect the **red** hose of the manifold set to the small line (high pressure) of the vehicle's (or house's) A/C unit.
6. Hang the manifold set from a convenient point on the hood of the car (be certain that the hoses are not near the fan area).
7. Turn on the vacuum pump.
8. **Open** both the **red** and **blue** valves on the manifold set.
9. Watch the **blue** gauge; the needle should begin to drop towards the negative range on the gauge.
10. Run the pump for 5 minutes.
11. Record the pressure registered on the **blue** gauge here. _____
12. The needle on the **red** gauge will "peg" on the pin of the gauge—this is what to expect and is ok.
13. **Close** both the **red** and **blue** valves on the manifold set and **turn off** the pump.
14. Let everything sit as it is and wait for 15 minutes.
15. Check the pressure that is registered on the **blue** gauge again and record it here. _____
16. If the pressure value is lower than the original negative value (closer to zero), you have a leak that must be found and fixed before you can proceed.
17. If the pressure value is the same as before, **open** the **red** and **blue** valves on the manifold again, **turn on** the pump, and let it run for another 15-20 minutes.
18. **Close** the **red** and **blue** valves on the manifold and **turn off** the pump.
19. Remove the **yellow** hose from the pump and replace the cap on the top of the vacuum pump.
20. You are now ready to charge the unit with refrigerant according to manufacturer's specification.

Note: If the vacuum pump is used to purge a contaminated unit, you must change the oil before using the pump again.