

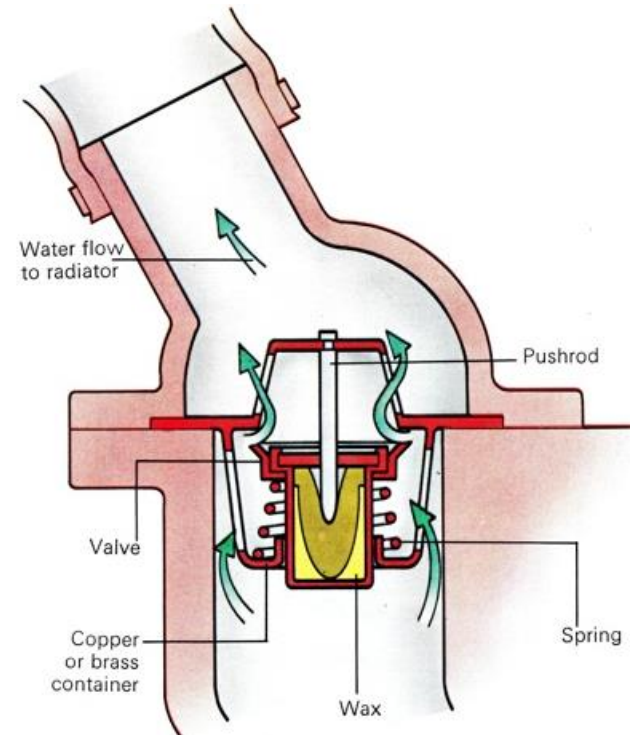
## Operation Manual for RCS 541 & RCS 550

1. Fill Machine up with proper amount of coolant, 2-3 Lt more than required service amount.
2. Connect shop air to the machine.
3. **CAUTION - Fluid may be hot and cap may be under pressure**
4. Open the radiator cap or cap on expansion tank on the vehicle.
5. Turn valve on the top of the machine to (Evacuate/Exchange fluid) mode, install the ½" clear hose with male quick connect in to female quick connect on the Clear hose line coming from the machine.
6. Evacuate 4-5 Lt of used coolant out of the vehicle to attach 5 step loop hose to top radiator hose. As per picture below.
7. Attach the Red Hose line to loop hose. The red hose must attach to were the thermostat discharges fluid.
8. Attach Clear hose to other end of top rad hose.



Attach the Red Hose line to loop hose. The red hose must attach to were the thermostat discharges fluid.

Attach Clear hose to other end of top rad hose.



9. Pour 1 bottle of concentrated radiator cleaner into the radiator of the vehicle. Top up the radiator with water.
10. Install rad cap on vehicle
11. Open ball valve on the loop hose to allow circulation, ball valve handle is open when running parallel with the valve. Ball valve handle is closed when running 90-degree with the valve.
12. Start vehicle and turn heater control to defrost, with the fan down to low speed.
13. Let the vehicle run for 15-20 mins
14. To Exchange fluid – turn ball valve on the loop hose to off position. Turn the valve on machine to (Evacuate/Exchange fluid) mode. Open the ball valve on the clear hose, and open ball valve on the red hose.
15. Exchange to desired amount needed for service.
16. Look at used tank sight tube to see if desired amount was exchanged.
17. Turn ball valve to off position on the clear hose when desired amount was exchanged
18. Turn ball valve on red hose to off position. Exchange process is finished.

(To test rad cap – set new fluid tank to rad cap pressure required. Turn ball valve on red hose to on position. If the rad cap does not hold required pressure and relief valve leaks fluid then the rad cap needs to be changed.)