

COOLANT LOOP FILL PROCESS:

1. If coolant was previously installed in the system, drain it into a container by opening the loop at or near the lowest point in the system. Remove the plastic plug from the top of the reservoir to allow air to enter. Check the color of the old coolant to make certain it is still blue or purple. If it is clear or milky white in appearance, check for the strong odor of ammonia. Normally the coolant will smell like rubber hoses, similar to the coolant in your car radiator. If you detect the definite odor of ammonia, contact your local YORK SERVICE office about having the coolant analyzed. If there is no odor of ammonia, it is unnecessary that you flush residual coolant from the system before refilling.
2. Make certain all hose connections, etc, are tight. Pour the new pre-mixed coolant, P/N 013-02987-000, directly into the top of the reservoir until the level is 1" from the top. Keep the bottle nearby.
3. Energize the circulator pump by disconnecting one of the thermistor plugs (J2,J3,J4) from the trigger board in the starter. As soon as you energize the pump, the coolant level will drop in the reservoir. Keep adding coolant to the reservoir to keep it full. After one minute the level should remain fairly constant.
4. Allow the pump to run for at least 15 minutes. Keep checking on the level in the reservoir. When you find that the pump has run for 15 minutes without any drop in coolant level, it is a good indication you have removed most of the air in the system. Reconnect the thermistor plug to the trigger board in the starter.
4. Top off the reservoir and install the pipe plug with teflon tape on the threads. The pipe plug must be tightened with a wrench to prevent evaporation of coolant through the threads.
5. It is important that the coolant level be checked every six months in cases of year-round operation, or at Spring start-up every year.
6. The coolant must be drained and replaced every two years. Log the coolant change date on the coolant change label attached to the side of the starter. New labels, P/N 035-11919-000, can be ordered from York.