

PRELIMINARY

Sea Dog winterizing instructions

1. Run engine for 10 minutes or so to warm oil
2. Pump all oil out of engine, using pump kit and tube inserted in the dipstick tube.
3. Pour three quarts of SAE #30 oil into engine.
4. Disconnect suction hose from pressure water pump and drain water into the bilge.
5. Drain all the water out of the hot water tank into a five gallon bucket to verify how much comes out and how much anti-freeze to put in.
6. Connect short hose to the pump and drop into a gallon of "pink" anti-freeze and run pump until it comes out the two cold faucets. Close the faucets afterwards.
7. Calculate how much anti-freeze required for the water heater by draining into a pail to see how much remains after draining and open a hot water faucet and pump the right amount into the hot water tank.
8. Pour some anti-freeze into the drain in the shower pan and run the drain pump.
9. Close the engine seacock and connect the special fitting into the fitting on the strainer. Drain the strainer and replace the plug. Pour a gallon of anti-freeze into the bucket and run the engine until the bucket is empty. Shut off the engine.
10. Remove the plug on the carb and drain the gas out. Close the gas shutoff valve. Drain the gas out of the Racor filter. Inspect it for water and dirt. Replace the plug.
11. Pump the head dry. Dump a cup of anti-freeze into the head.
12. Run the macerator pump until it pumps air.

Start up instruction

1. Turn the gas shutoff back on.
2. Jumper the contacts on the oil pressure safety switch and turn on the ignition long enough for the fuel pump to fill the carb and Racor and shut off.
3. Turn the engine seacock back on.
4. Have a helper wet down the cutless bearing and stand by to make sure no one is near the propeller.
5. Put the transmission in neutral. Start the engine to verify that it runs. Turn off immediately before damaging the cutless bearing and mechanical shaft seal.