

The following acid flush is most effective when used as a preventative maintenance measure every 3 to 5 years:

CAUTION: Be sure to wear proper protective clothing (including eye protection). Always add acid to water when mixing, and if possible hang a bucket over the exhaust outlet to catch acid solution when discharging from boat.

- 1) Mix 1/3 gallon of household muriatic acid (30% concentration) into a 5 gallon bucket of water.
- 2) Draw the entire 5 gallons of acid solution into the engine through an inlet "T" fitting between the raw water through-hull and the inlet to the raw water cooling pump (the same "T" as used for winterizing the engine). For best results, thermostat should be removed and the by-pass hose temporarily clamped off. All the acid solution will then be pumped through the block by running the engine. Stop the engine as soon as the bucket is empty.

NOTE: Some of the acid solution will find its way into the exhaust system, which might loosen up any crud that may have built up within the water lift muffler and connecting plumbing.

- 3) Start the engine after letting the acid set in the water jackets for about 15 minutes and run it long enough to thoroughly flush out the acid.
- 4) If it has been possible to retrieve the acid solution from the back of the exhaust system, add approximately 1/2 pound of household baking soda to five gallons of acid solution prior to discarding.