

MANIFOLDS COME BLACK. SHOWN IN BLUE FOR INSTRUCTION PURPOSES.

INSTALLATION INSTRUCTIONS:

1) MAKE SURE CYLINDER HEAD EXHAUST MOUNTING SURFACE IS FREE OF KNICKS AND ANY OLD GASKET MATERIAL IS REMOVED. SEALANT IS NOT REQUIRED ON THE NEW SUPPLIED GASKETS. FIG. A.

2) THE PORT AND STARBOARD MANIFOLDS ARE THE SAME PART AND CAN BE USED ON EITHER SIDE OF THE ENGINE. FIG. B.

3) INSTALL MANIFOLDS WITH THE SUPPLIED 3/8 BOLTS AND WASHERS. APPLY ANTI-SIEZE TO 3/8 MOUNTING BOLTS, FIG.C. TORQUE TO 30 FT. LBS..

4) APPLY LIQUID PIPE THREAD SEALANT TO THE SUPPLIED 1" HOSE BARB FITTINGS AND 3/4 NPT PIPE PLUGS.

5) FIG. D SHOWS PORT SIDE TYPICAL WATER INLET POSITION. INSTALL 1" HOSE BARB FITTING INTO BOTTOM OF THE MANIFOLD, FIG. E..

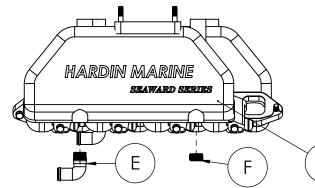
6) INSTALL 3/4 PIPE PLUG, FIG. F, INTO THE OPPOSITE WATER INLET BUNG.

7) ATTACH 1" WATER INLET HOSE FROM THERMOSTAT HOUSING TO FIG. E FITTINGS (MAKE SURE IT IS A CONSTANT FLOW WATER SUPPLY).

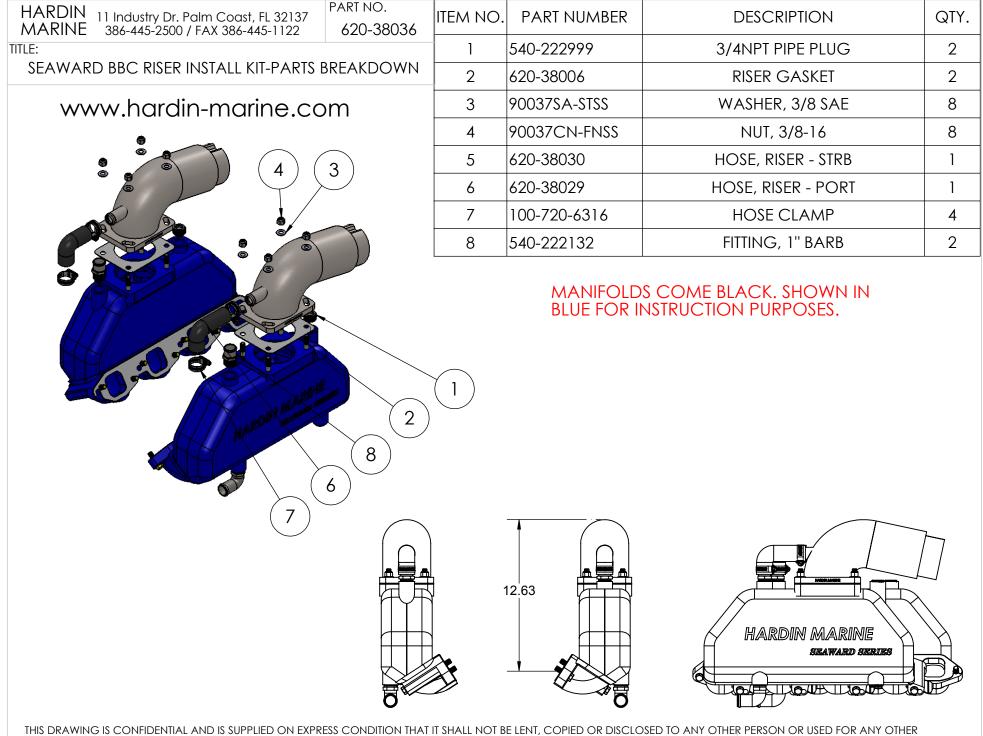
8) GO TO 620-38025 TAILPIPE INSTRUCTIONS TO COMPLETE INSTALLATION.

CAUTION** HARDIN MARINE MANIFOLD SYSTEMS ARE DESIGNED FOR USE ON ENGINES WITH FULL TIME CONSTANT WATER CIRCULATION AT ALL TIMES. NOTE** AFTER APPROXIMATELY 2-5 HOURS USE OR NUMEROUS ENGINE HEAT CYCLES ALL HARDWARE MUST BE RETORQUED AND OR TIGHTENED.

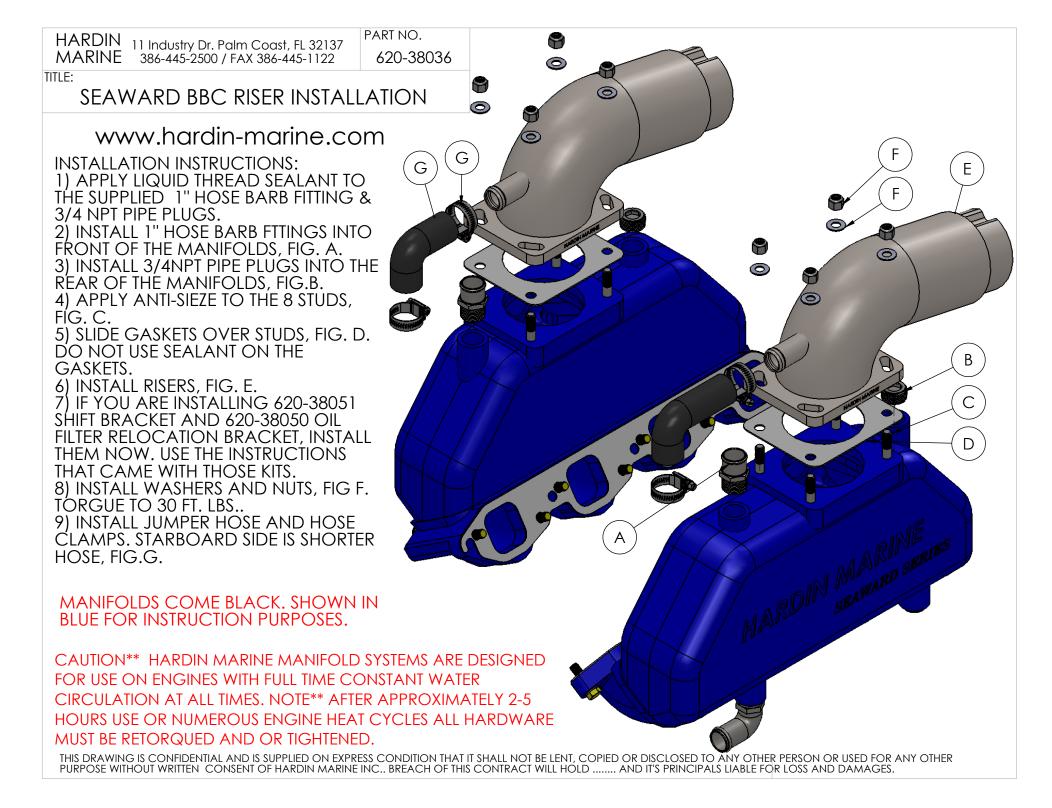
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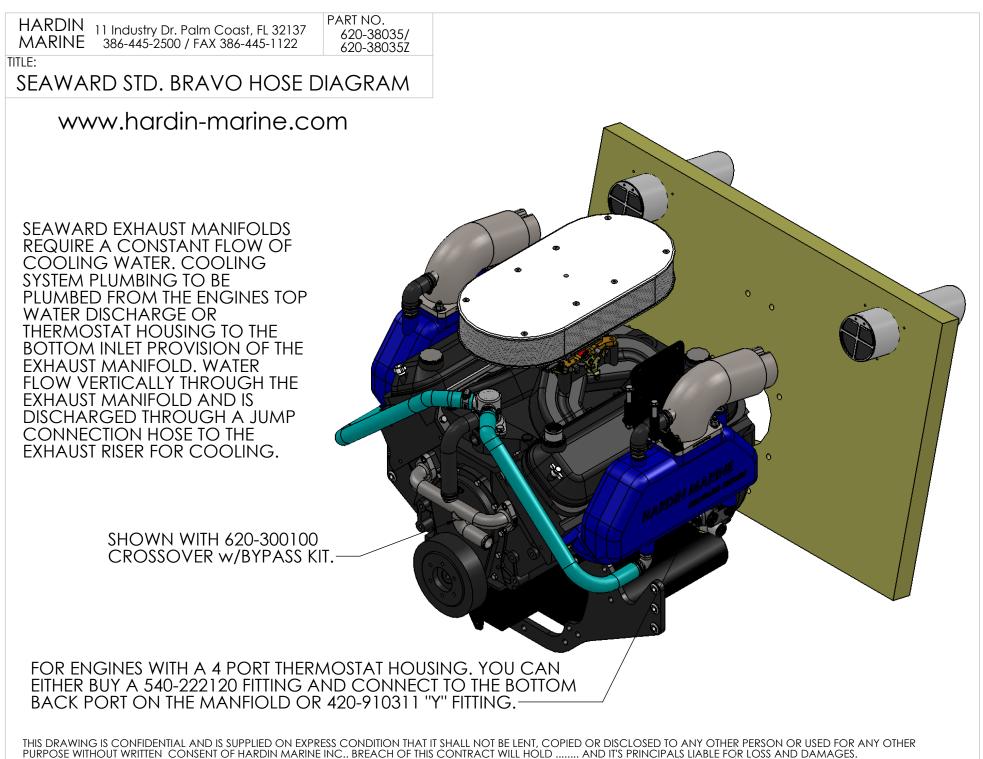


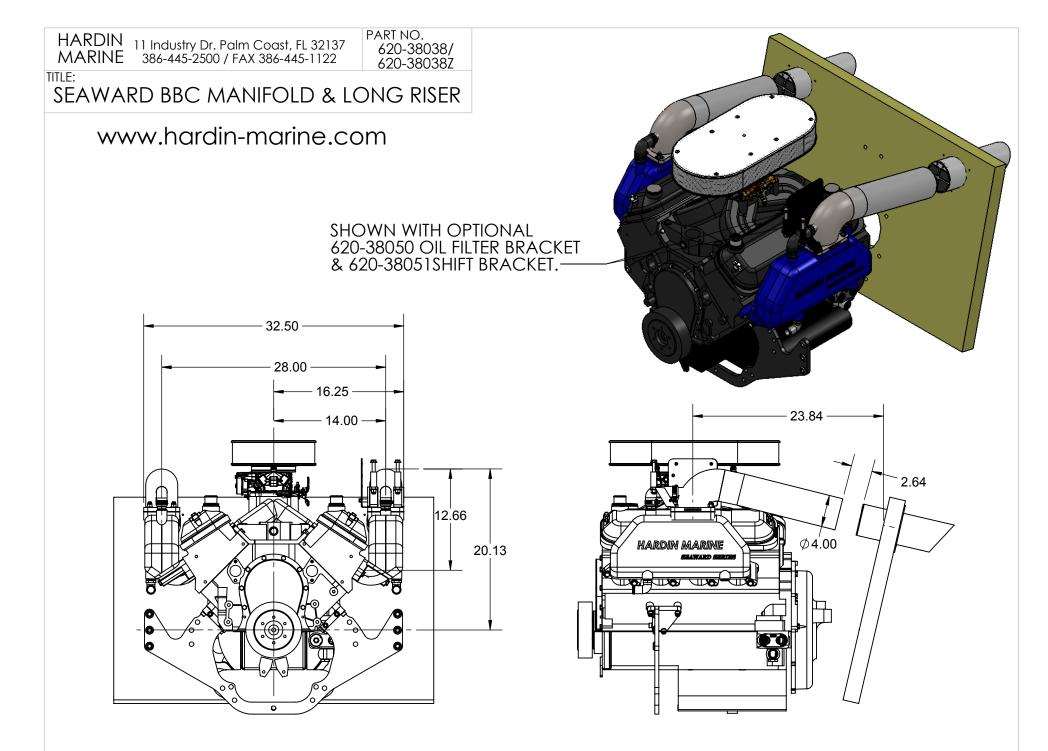
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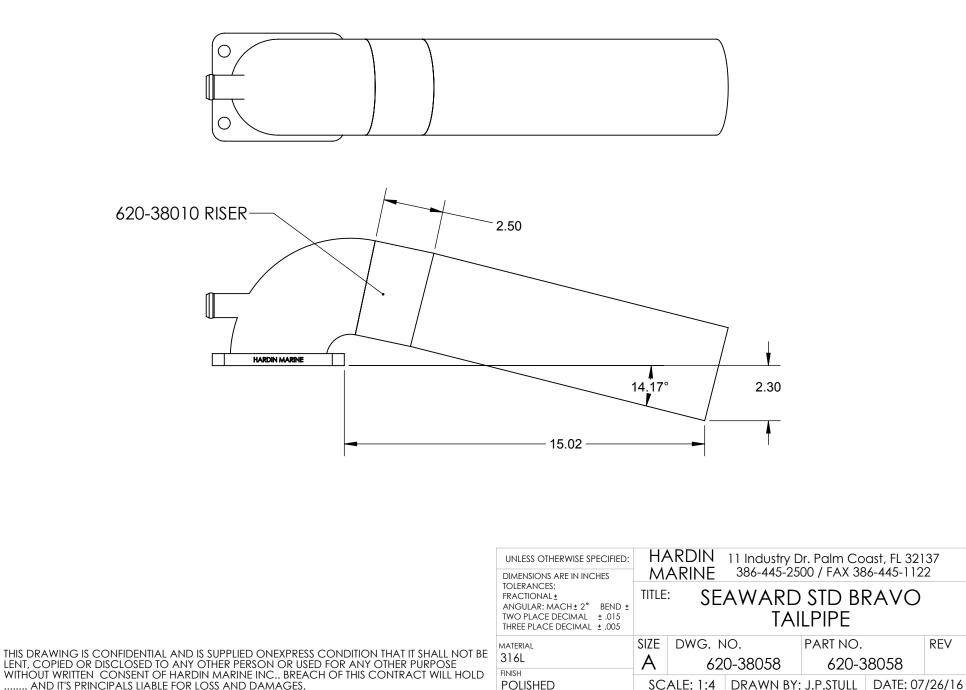






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NOTE: 1) BREAK ALL EDGES .02x45°, UNLESS NOTED.



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