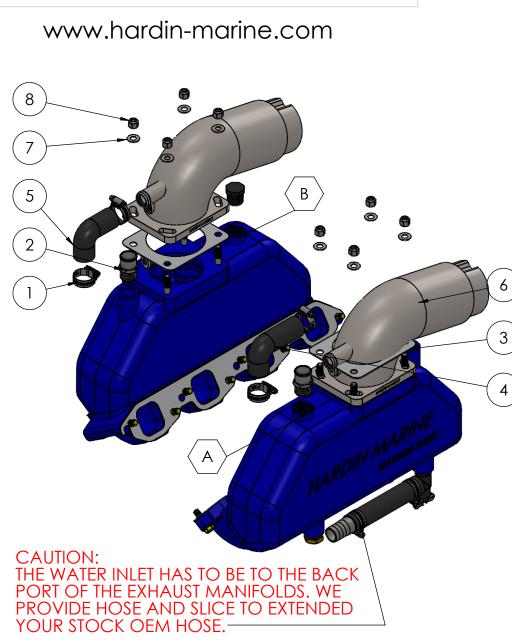




F

D



PART NO.

620-38036

QTY.
4
2
2
1
1
2
8
8

INSTALLATION INSTRUCTIONS:

 APPLY LIQUID THREAD SEALANT TO THE SUPPLIED HOSE BARB FITTINGS & PIPE PLUGS.
 USING 1-1/16 WRENCH, INSTALL #2 HOSE BARB FITTINGS INTO FRONT OF THE MANIFOLDS, FIG. A.
 USING 1-1/8 WRENCH, INSTALL #7 NPT PIPE

PLUGS INTO THE REAR OF THE MANIFOLDS, FIG.B.

4) APPLY ANTI-SIEZE TO THE 8 STUDS.

5) SLIDE GASKETS OVER STUDS. DO NOT USE

SEALANT ON THE GASKETS.

6) INSTALL RISERS.

7) IF YOU ARE INSTALLING 620-38051 SHIFT BRACKET AND 620-38050 OIL FILTER RELOCATION BRACKET, INSTALL THEM NOW. USE THE INSTRUCTIONS THAT CAME WITH THOSE KITS.

8) INSTALL #9 WASHERS AND #8 NUTS. USING 9/16 CROWS FOOT, TORGUE TO 30 FT. LBS..

9) INSTALL #5 AND 6 JUMPER HOSE WITH #1 HOSE CLAMPS. STARBOARD SIDE IS THE SHORTER HOSE.

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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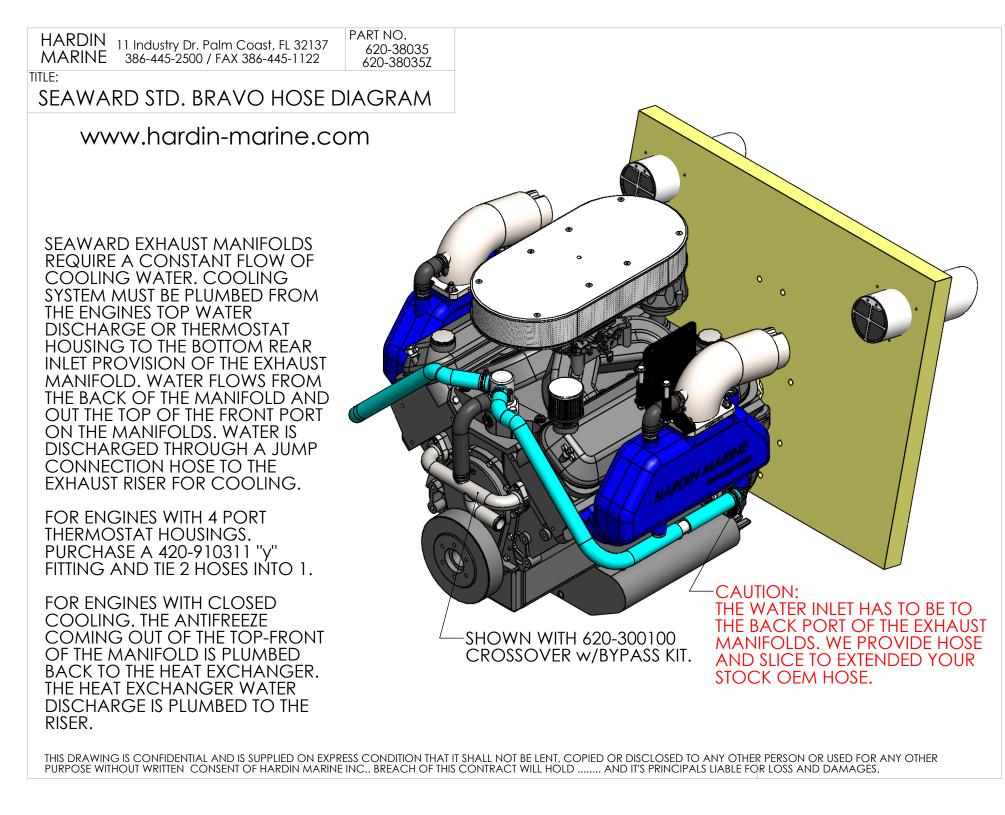
TITLE:

HARDIN

11 Industry Dr. Palm Coast, FL 32137

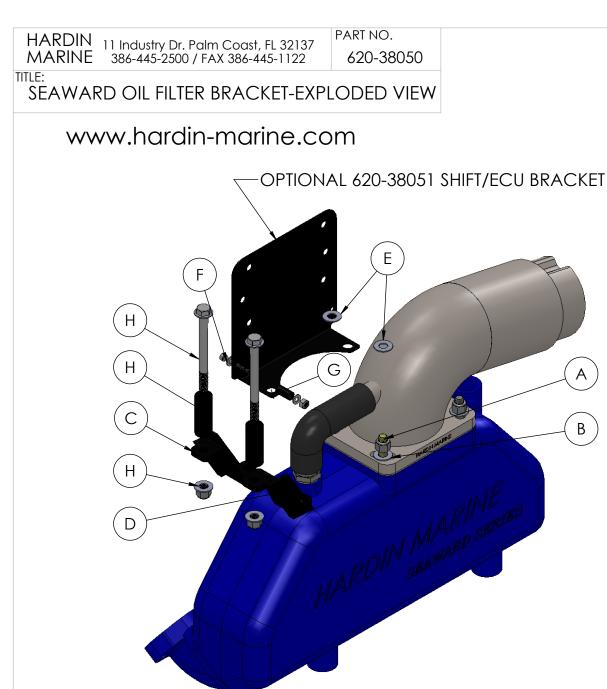
SEAWARD BBC RISER INSTALLATION

MARINE 386-445-2500 / FAX 386-445-1122



HARDIN 11 Industry Dr. Palm Coast, FL 32137 PART NO. MARINE 386-445-2500 / FAX 386-445-1122 620-38050	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
TITLE:	1	620-38052	BRKT, OIL FILTER - SEAWARD - STRB	1
SEAWARD OIL FILTER BRACKET-PARTS BREAKDOWN	2	620-32500R	BRKT, OIL FILTER - PORT	1
	3	90037SA-STSS	WASHER, 3/8 SAE	5
www.hardin-marine.com	4	90010AN-STSS	WASHER, #10 AN	2
	5	90010C150SHS	BOLT	1
	6	90010CN-FNSS	NUT, 10-24	1
	7	620-32500C	SPACER, OIL FILTER RELOCATION	2
	8	90037C400HHS	BOLT, 3/8	2
	9	90037CN-FNSS	NUT, 3/8-16	2
	10	620-38054	SPACER, OIL FILTER BRKT - SEAWARD	1
	11	420-100	STUD, EXHAUST	2
7 (4) 5 (6) (4) (2) (1) (3) (9) (1) (1) (1) (1) (1) (1) (1) (1		2) TORQUE 3) TORQUE 4) PARTS 4, INSTALLING SHIFT/ECU I	USE ANTI-SIEZE ON ALL BOLTS. #10 BOLTS TO 100 IN. LBS 3/8 BOLTS TO 35 FT. LBS 5,6 & 10 ARE ONLY USED WHEN BRACKET WITH 620-38051 BRACKET. E THE EXISTING MANIFOLD STUDS	
THIS WASHER IS ONLY USED WHEN INSTALL THIS KIT AND 620-38051 SHIFT/ECU BRACKET				

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INSTALLATION INSTRUCTIONS: 1) SEE PRINT 620-38050 PARTS FOR EXACT LIST OF PARTS THAT COME IN THIS KIT.

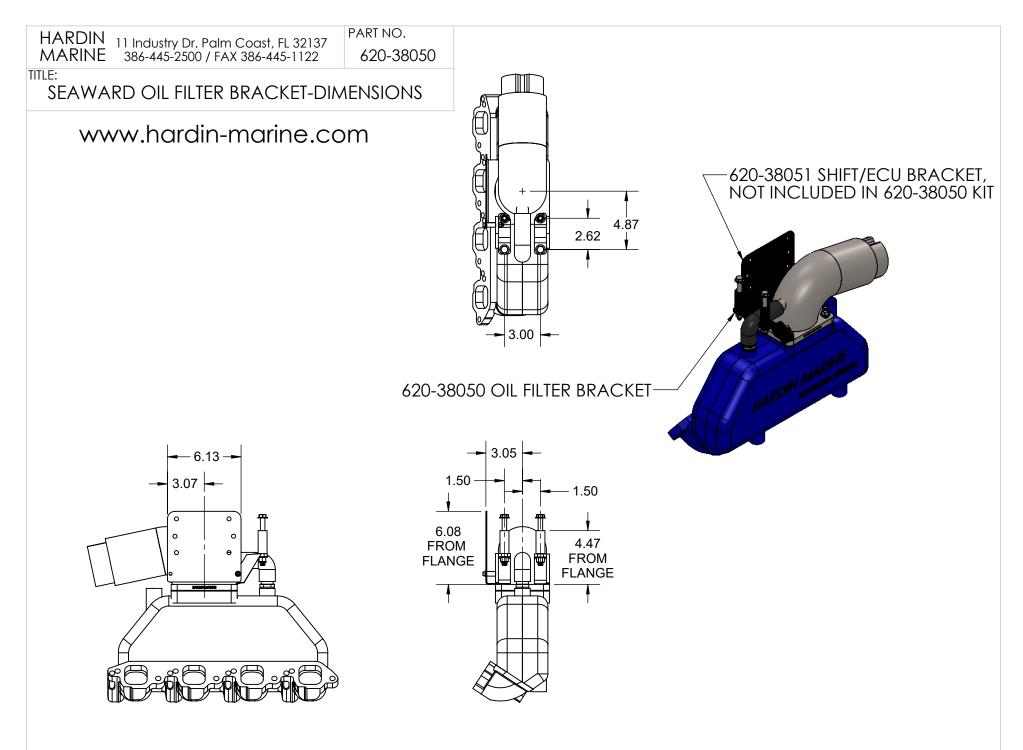
2) ASSEMBLY SHOWN WITH OPTIONAL 620-38051 SHIFT/ECU BRACKET. IF BRACKET IS NOT USED SKIP LINES 4,5, 7,8 & 9.

3) REPLACE THE EXISTING 2 STUDS THAT ARE IN THE MANIFOLD WITH THE SUPPLIED LONGER STUDS, FIG. A. 4) INSTALL WASHER OVER STUD. SEE FIG. B. THIS WASHER IS ONLY USED WITH THE 620-38051 BRACKET! 5) INSTALL 620-38051 BRACKET OVER THE STUDS.

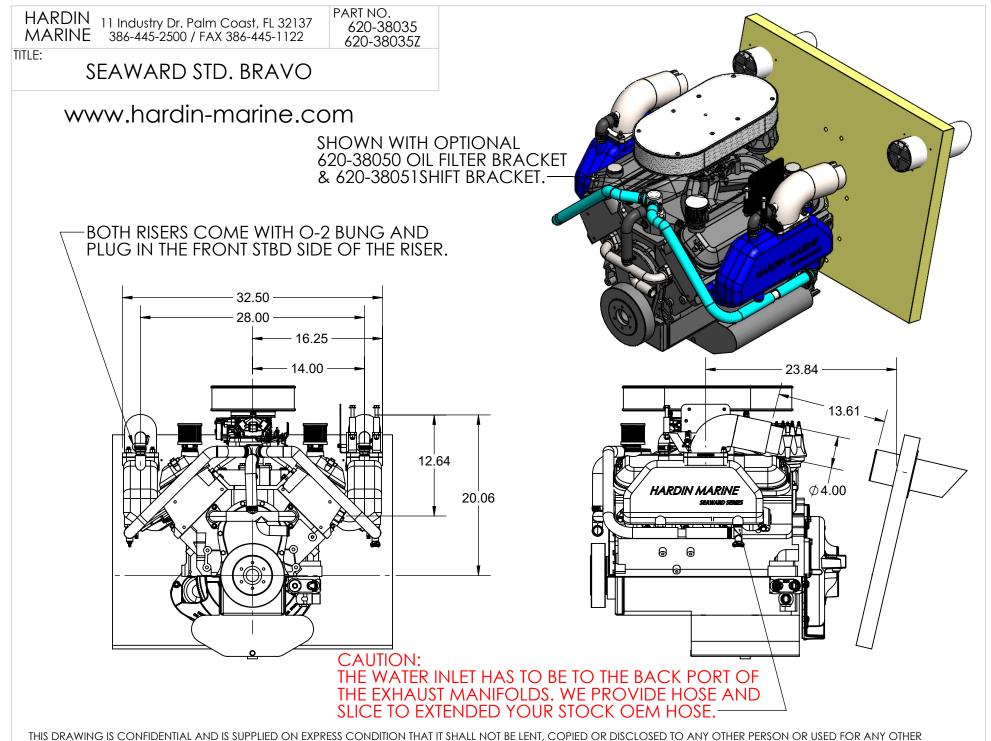
6) SLIDE 620-38052 BRACKET, FIG C, & 620-32500R BRACKET, FIG. D OVER THE 2 STUDS. APPLY ANTI-SIEZE TO THE STUDS. INSTALL WASHER AND NUT FROM HEADER INSTALL KIT, FIG E. DO NOT TIGHTEN NUTS.
7) INSTALL #10BOLT WITH WASHER THRU THE 620-38051 BRACKET, FIG. F.
8) POSITION 620-38054, FIG G.
SPACER BETWEEN THE 620-38051 & 620-38052 BRACKET.
9) APPLY ANTI-SIEZE TO THE BOLT. INSTALL #10 NUT AND WASHER ON THE INSIDE OF 620-38052 BRACKET. TORGUE TO 100 IN. LBS..

10) INSTALL FACTORY OIL FILTER BRACKET USING THE LONG 3/8 BOLTS, WASHERS, NUTS & SPACERS. SEE FIG. H.

11)NOW TORQUE ALL THE 3/8 NUTS, TO 35 FT. LBS..



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