

## CAUTION: THE WATER INLET HAS TO BE TO THE BACK PORT OF THE EXHAUST MANIFOLDS. WE PROVIDE HOSE AND SLICE TO EXTENDED YOUR STOCK OEM HOSE.

PART NUMBER	DESCRIPTION	QTY.
100-720-6316	HOSE CLAMP	4
540-222132	FITTING, 1'' BARB	2
620-38006	RISER GASKET	2
620-38020	RISER, MERC 525 PORT	1
620-38021	RISER, MERC 525 STRB	1
620-38029	HOSE, RISER - PORT	1
620-38030	HOSE, RISER - STRB	1
620-38056	O-RING, SEAWARD 525 RISER	2
625-2086	PLUG, PIPE - 3/4 NPT	2
650-34190	GASKET, 525 TAILPIPE	2
90037CN-FNSS	NUT, 3/8-16	8
90037SA-STSS	WASHER, 3/8 SAE	8
	100-720-6316 540-222132 620-38006 620-38020 620-38021 620-38029 620-38030 620-38056 625-2086 650-34190 90037CN-FNSS	100-720-6316         HOSE CLAMP           540-222132         FITTING, 1" BARB           620-38006         RISER GASKET           620-38020         RISER, MERC 525 PORT           620-38021         RISER, MERC 525 STRB           620-38029         HOSE, RISER - PORT           620-38030         HOSE, RISER - STRB           620-38056         O-RING, SEAWARD 525 RISER           625-2086         PLUG, PIPE - 3/4 NPT           650-34190         GASKET, 525 TAILPIPE           90037CN-FNSS         NUT, 3/8-16

INSTALLATION INSTRUCTIONS:

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

2) USING 1-1/16 WRENCH, INSTALL #2 HOSE BARB FTTINGS INTO FRONT OF THE MANIFOLDS, FIG. A.

3) USING 1-1/8 WRENCH, INSTALL #9 PIPE PLUGS INTO THE REAR OF THE MANIFOLDS, FIG.B.

4) APPLY ANTI-SIEZE TO THE 8 STUDS, FIG. C.

5) SLIDE #3 GASKETS OVER STUDS E. DO NOT USE SEALANT ON THE GASKETS.

6) INSTALL #6 AND #7 RISERS.

7) INSTALL FIG, D, 620-38066 SHIFT BRACKET OVER THE INSIDE STUDS ON THE STARBOARD RISER. FOLLOW INSTALLATION INSTRUCTONS THAT COMES WITH THE BRACKET.

8) INSTALL #12 WASHERS AND # 11NUTS. USING A 9/16 CROWS FOOT, TORQUE TO 30 FT. LBS..

9) INSTALL #6 AND #7 JUMPER HOSES WITH #1 HOSE CLAMPS.

10) THE TAILPIPE FLANGE IS GROOVED TO INSTALL #8 O-RING. INSTALL # 10 GASKETS AND STOCK TAILPIPES. YOU REUSE THE STOCK T-BOLT CLAMPS AND JUMP HOSES.

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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HARDIN 11 Industry Dr. Palm Coast, FL 32137 MARINE 386-445-2500 / FAX 386-445-1122	PART NO. 620-38057	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
TITLE: 525 COOLANT TANK RELOCATION BRKTS.		1	90031C075HHS	BOLT, 5/16-18	3
		2	90031C125HHS	BOLT, 5/16-18	3
www.hardin-marine.com		3	90031SA-STSS	WASHER, 5/16 SAE	9
		4	90031CN-HNSS	NUT, NYLON, HALF, 5/16-18	3
		5	620-33553	BRACKET, S/W 525 COOLANT TANK	1
INSTALLATION INSTRUCTIONS:	R AND LIFTING	6	620-33556	BRACKET, S/W 525 COOLANT TANK	1

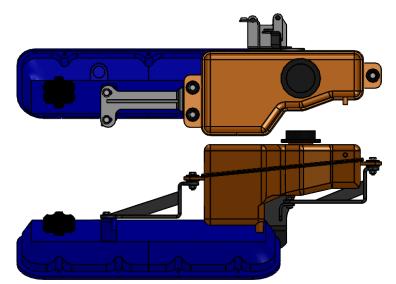
RING BRACKET. 2) APPLY ANTI SIEZE TO THE NEW 5/16-18 BOLTS THAT COME IN THE KIT.

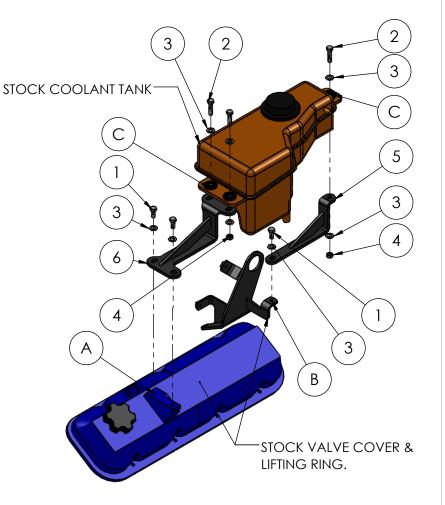
3) INSTALL 620-33556 BRACKET, #6 TO THE VALVE COVER HOLES, FIG. A. USE #1 BOLTS AND #3 WASHERS. DO NOT TIGHTEN YET.
4) INSTALL 620-33553 BRACKET, #5, TO THE LIFTING RING BRACKET, FIG. B. USE #1 BOLT AND #3 WASHERS. DO NOT TIGHTEN.
5) INSTALL #2 BOLTS AND #3 WASHERS INTO THE COOLANT TANK GROMMETS, FIG. C.

6) INSTALL COOLANT TANK ONTO THE NEW RELOCATION.BRACKET. USE #3 WASHER AND #4 NUTS. DO NIGHT TIGHTEN.7) RECONNECT HOSES FROM HEAT EXCHANGER.

8) AFTER MANIFOLDS AND RISERS ARE INSTALL. POSITION

COOLANT TANK AWAY FROM THE RISERS. TIGHTEN ALL BOLTS TO 20 FT. LBS..



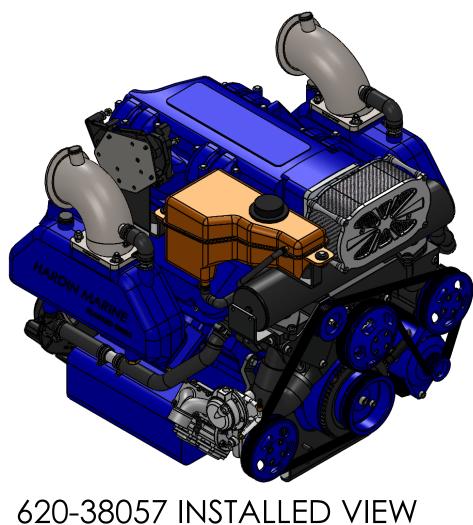




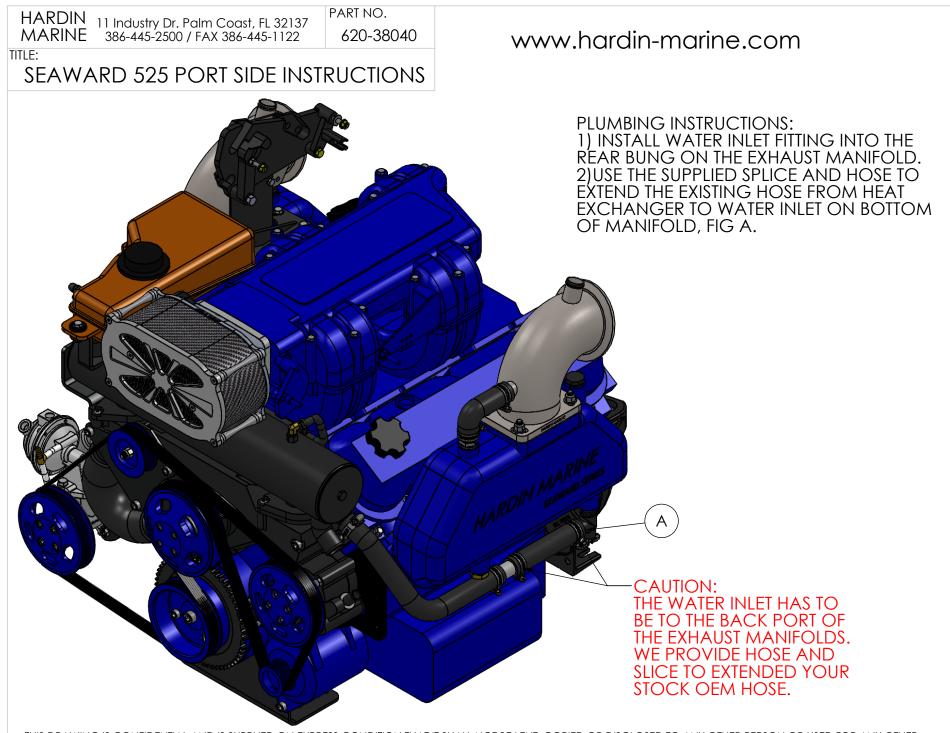
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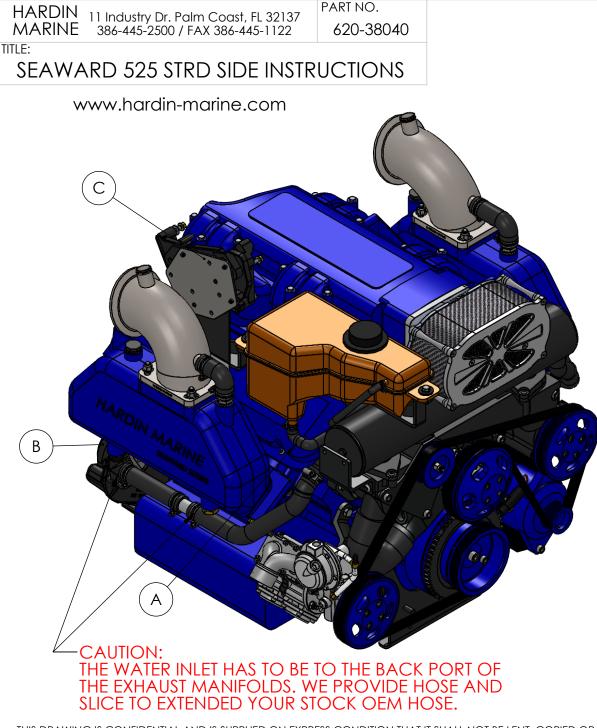
525 COOLANT TANK RELOCATION BRKTS.

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020-3003/ INSTALLED VIEW





INSTALLATION INSTRUCTIONS: 1) INSTALL 620-38057 COOLANT TANK RELOCATION BRACKETS, USING 620-380571 INSTRUCTIONS. 2) MODIFY THE STOCK COOLANT TANK HOSES TO FIT THE NEW LOCATION, FIG A.

HOSES TO FIT THE NEW LOCATION, FIG A. 3) INSTALL WATER INLET FITTING INTO THE REAR BUNG ON THE EXHAUST MANIFOLD. 4) USE THE SUPPLIED SPLICE AND HOSE TO EXTEND THE EXISTING HOSE FROM HEAT EXCHANGER TO WATER INLET ON BOTTOM OF MANIFOLD, FIG B. 5) INSTALL THE STOCK SHIFT BRACKET TO 620-38066 SHIFT BRACKET, FIG C. RE-ADJUST CABLE IF NEEDED.

