



NOTES:
1. ENSURE ALL HOSES ARE FREE OF DEBRIS AND ALL PORT PLUGS ARE REMOVED PRIOR TO CONNECTING HOSES.
2. CLEAN ALL MATING SURFACES AND TAPPED HOLES FROM ANY OIL OR DEBRIS USING DENATURED ALCOHOL.
3. APPLY THREADLOCKER ACCORDING TO SEAKEEPER WORK INSTRUCTION WI-085.
4. ACTUAL HOSE & WIRING ROUTING MAY DIFFER SLIGHTLY FROM DRAWING.
5. SOME VIEWS MAY HAVE HIDDEN COMPONENTS OR SHOWN USING APPEARANCE THAT DIFFER FROM ACTUAL COMPONENTS.

REV.	ECN NO.	ZONE	DESCRIPTION	DATE	DRAWN	APPROVED
1	908		INITIAL RELEASE	09DEC2021	ZGY	TMD
2	908		REMOVED CONNECTBOX RELATED COMPONENTS; 126531 ADAPTER MOUNT, AND 30015 CLICK BOND ANCHORS.	19AUG2022	RMF	ZGY

49	70087	THREAD LOCKER, LOCTITE #425, BLUE	AR	
48	70079	GREASE, MOLY/GRAPHITE NLGI GRADE 2	AR	
47	70054	THREADLOCKER, LOCTITE #243, BLUE	AR	
46	70047	LOCTITE, THREAD SEALANT 564 , 50ml TUBE	AR	
45	60343	WASHER, FLAT DIN125 M4	4	
44	60335	SCREW, HEX HD CAP M6-1.0 X 40MM FULL TD	4	
43	60330	WASHER, FLAT DIN125 M8	11	
42	60321	SCREW, HEX HD CAP M6-1.0 X 25MM FULL TD	2	
41	60262	SCREW, HEX HD CAP, M6-1.0 X 30mm LG	1	
40	60260	STAND OFF, NYLON, 3.1 X .75 X .5 LONG	4	
39	60256	HEX HEAD CAP SCREW, M6-1.0 X 16mm LG	8	
38	60255	HEX NUT, NYLOK M6-1.0	6	
37	60246	HEX HD CAP SCREW M8-1.25 X 20mm LG, 316SS	11	
36	60223	WASHER, FLAT, M6 12MM OD	21	
35	60177	SCREW, PHILLIPS HD PAN 8-32 X 0.63	2	
34	60161	NUT, NYLOCK HEX 8-32	2	
33	50308	SK6 HYDRAULIC HOSE ASSEMBLY, RECTIFIED MANIFOLD, LOWER TRUNION END	1	
32	50307	SK6 HYDRAULIC HOSE ASSEMBLY, RECTIFIED MANIFOLD, UPPER ROD END	1	
31	50306	SK6 HYDRAULIC HOSE ASSEMBLY, RECTIFIED MANIFOLD, LOWER ROD END	1	
30	50305	SK6 HYDRAULIC HOSE ASSEMBLY, RECTIFIED MANIFOLD, UPPER TRUNION END	1	
29	50294	ACCUMULATOR, 1 L, SAE -08 PORT	1	
28	50290	SK6 RECTIFIED MANIFOLD ASSEMBLY, D03 VALVE, BUCHER	1	
27	50287	SEAKEEPER 6 UPPER-LOWER BRAKE WELDED CYLINDER	2	
26	50106	ADAPTOR, -8 SAEORB TO -8 JIC M, 90 DEG, ZN-NI PLATED	4	
25	40413	VHB TAPE, 2" OD X 1-3/8" ID X .025 THK.	4	
24	40412	COVER, 2" OD X .025 THK, BLACK	4	
23	40398	GROMMET, PUSH-IN 1" ID x .125" PANEL THK	1	
22	40397	ELBOW, 45 DEG FTG. .50 HOSE ID X .25 NPT MALE	1	
21	40388	ELBOW, 90 DEG BARBED FTG. 1/2" HOSE ID X 1/4" NPT MALE	1	
20	40366	MOTOR DRIVE COVER LABEL	1	
19	40223	COOLANT HOSE, 1/2" ID x 60" LG, MANIFOLD TO WATERJACKET	1	
18	40223	COOLANT HOSE, 1/2" ID x 4.5" LG, MANIFOLD TO DRIVE	1	
17	40026	HOSE CLAMP, SIZE 06, 7/16"-25/32" CLAMP ID, 5/16" BAND WIDTH	3	
16	30342	GCM ASSEMBLY WITH BOOT LOAD SECURITY -MY17A MARINE SECM70	1	
15	30323	BLIND PLUG, 514GFK/225/OR, THREAD M25x1.5, POLYAMIDE, WITH O-RING	1	
14	30259	12VDC POWER RELAY	2	
13	30016	LARGE CLICK BOND WIRE TIE ANCHOR	1	
12	20460	SEAKEEPER 6/9 DC SEAWATER PUMP SWITCHING HARNESS WITH DIODE MODULE	1	
11	20444	SK6 GYRO WIRING HARNESS	1	
10	20350	CAN IMU	1	
9	20216	SEAKEEPER AC MOTOR DRIVEBOX	1	
8	12621	SEAKEEPER 5-6 CROSS-BAR	1	
7	12166	SK6 BRAKE MANIFOLD BRACKET, RECTIFIED MANIFOLD	1	
6	12165	SK6 GCM PANEL, RECTIFIED MANIFOLD	1	
5	12163	SK6 MANIFOLD & IMU PANEL, RECTIFIED MANIFOLD	1	
4	11684	SK6 INBOARD CYLINDER BRACE	1	
3	11683	SK6 OUTBOARD CYLINDER BRACE	1	
2	11112	SK5 ELECTRONICS BRACKET, MOTOR DRIVE BOX	1	
1	10933	SK5 TRUNION BUSHING	4	
ITEM NO.	PART NO.	DESCRIPTION	QTY.	NOTE

WEIGHT - LBS : ---		MATERIAL : ---		DRAWN : ZGY		DATE : 20OCT2021		ENG APPR : TMD		DATE : 09DEC2021		PROD APPR : ---		DATE : ---	
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- HYDRAULIC SYSTEM NOTES:
1. CHARGE MANIFOLD TO A STATIC PRESSURE OF 350 PSI.
 2. THE 1L ACCUMULATOR IS TO BE PRE-CHARGED WITH NITROGEN TO 75 PSI +/- 3 PSI, AND INSTALLED BY SEAKEEPER.
 3. HOSE CONNECTION PORTS ARE STAMED UT, LR, UR, AND LT.
 4. ALL HOSES AND HOSE FITTINGS ARE TO BE TORQUED TO 40 FT-LBS.
 5. THE COLOR STANDARD FOR THE CABLE TIE HOSE MARKERS ARE AS FOLLOWS:
BLUE - UPPER CYLINDER, REAR TRUNNION END PORT - MANIFOLD PORT **UT**
YELLOW - UPPER CYLINDER, FRONT ROD END PORT - MANIFOLD PORT **UR**
RED - LOWER CYLINDER, REAR TRUNNION END PORT - MANIFOLD PORT **LT**
GREEN - LOWER CYLINDER, FRONT ROD END PORT - MANIFOLD PORT **LR**

