REV. | ECN NO. | ZONE | DATE APPROVED DESCRIPTION NOTES: 1 0174 RELEASED FOR PRODUCTION 3/13/2014 RSK THIS DWG. REPRESENTS A SUB-GROUP OF COMPONENTS WITHIN THE NG9 COOLING SYSTEM BILL OF MATERIAL AND DOES NOT NECESSARILY REPRESENT THE ACTUAL ASSEMBLY PROCEDURE. THIS DWG DOES PROVIDE TECHNICAL INFORMATION REGARDING COMPONENT LOCATION, SUGGESTED HOSE ROUTING, AND FASTNER APPLICATION.
 USE TEFLON PIPE THREAD SEALANT ON ALL TAPERED PIPE THREAD FITTINGS, DO NOT USE TEFLON TAPE. APPLY SEALANT, ITEM 14 UNDER FLAT WASHERS TORQUE EQUALLY TO **72 IN/LBS.** 2X GYRO ENCLOSURE SHOWN FOR REFERENCE ONLY REMOVE SCREW FROM ENDCAP AND SEE ENCLOSURE SUB-SYSTEM ASS'Y DWG #10812 — REPLACE WITH THE HARDWARE SHOWN. APPLY SEALANT, ITEM14 UNDER FLAT WASHERS.
APPLY THREADLOCKER, ITEM 33 TO SCREW THREADS. DO NOT USE THREADLOCKER, TIGHTEN SCREW TO 120 IN/LBS. TORQUE EQUALLY TO **72 IN/LBS**. - GYRO MOTOR DRIVE SHOWN FOR REFERENCE ONLY SEE ELECTRONIC SUB-SYSTEM ASS'Y DWG #20217 (24)(25)(26)APPLY SEALANT, ITEM 14 UNDER FLAT WASHERS TORQUE EQUALLY TO **72 IN/LBS.** 2X APPLY THREADLOCKER, ITEM 33 TO SCREW THREADS TORQUE EQUALLY TO 72 IN/LBS. 70054 THREADLOCKER, LOCTITE #243 BLUE AR 70010 THREAD SEALANT, PTFE AR 60285 SOCKET HEAD CAP SCREW M6-1.0 X 16mm LG 316SS APPLY SEALANT, ITEM 14 UNDER FLAT WASHERS 30 HHCS M6-1.0 X 30mm LG 316 SS AND BETWEEN PUMP FEET AND MOUNTING PANEL (NOT SHOWN) 60256 29 HHCS M6-1.0 X 16mm LG 316 SS TORQUE EQUALLY TO 72 IN/LBS. 60255 28 HEX NUT, NYLOK M6-1.0 316 SS 27 60223 FLAT WASHER M6 SCREW SIZE 316 SS 16 26 60186 18-8 SS HEX HD CAP SCREW, 3/8-16 X 1" LG 25 60141 SPRING LOCK WASHER, 3/8 18-8 SS 24 60140 18-8 SS FLAT WASHER, 3/8 X 7/8 OD 23 40365 BRASS ADAPTOR, 3/8" NPT FEMALE X 1/4" NPT MALE 22 40364 BRASS 45 DEG ELBOW, 5/8" HOSE BARB X 3/8" NPT MALE 21 40340 ELBOW, 90 DEG BARBED FTG. 5/8" HOSE ID X 3/8" NPT MALE BRASS 20 40337 NG9 HEAT EXCHANGER WITH INTEGRATED THERMOSTAT 40298 ELBOW, 90 DEG BARBED FTG. 1/2" HOSE ID X 3/8" NPT MALE BRASS 19 3 40273 CLEAR PVC 7'' 18 5/8" CLEAR PVC PUSH-ON HOSE X 7" LG. 40262 17 HOSE BARB ADAPTER, 1/2" HOSE ID X 1/4" NPTF MALE PIPE BRASS 16 40257 ELBOW, 45 DEG BARBED FTG 1/2" HOSE ID X 3/8" NPT MALE BRASS 4 21" 15 40255 5/8" PUSH-ON SUCTION HOSE X 21" LG. **BLK RUBBER** 40250 AR 14 SILI-THANE 803 MARINE SEALANT 40235 48'' 13 HOSE, 5/16 INCH PUSH-ON, BRAKE MANIFOLD OVERFLOW CLEAR PVC 12 40223 86.5" HOSE, 1/2" PUSH-ON X 86-1/2" LG BLK RUBBER 40223 65" 11 HOSE, 1/2" PUSH-ON X 65" LG. BLK RUBBER 28" 10 40223 HOSE, 1/2" PUSH-ON X 28-1/2" LG. BLK RUBBER 40223 HOSE, 1/2" PUSH-ON X 8" LG. **BLK RUBBER** 8'' (19)40210 HOSE CLAMP, SIZE 10 316 SS 8 6 40199 31" HOSE, 5/8" PUSH-ON X 31" LG. BLK RUBBER 40026 HOSE CLAMP, SIZE 06 SS 8 COOLANT SUPPLY 20229 NG9 GYRO 24V COOLING PUMP AND CONNECTOR ASSY TO LOWER BEARING 5052 ALUM. SHEET 10900 NG8 HEAT EXCHANGER REAR MOUNT PLATE 10872 304 SS NG8 HEAT EXCHANGER TOP CLAMP STRAP 3 10871 NG8 HEAT EXCHANGER TOP CLAMP BLOCK ALUMINUM BAR COOLANT RETURN 10870 NG8 HEAT EXCHANGER FORWARD BRACKET 5052 ALUM. SHT. FROM UPPER BEARING ITEM NO. PART NO. DESCRIPTION MATERIAL QTY. NOTE BRAKE MANIFOLD SHOWN FOR REFERENCE ONLY PART TOLERANCE UNLESS OTHERWISE NOTED:
FRACTIONAL ± 1/16"
DECIMAL X XX = ± .01" ANGULAR X = ± 1 *
XXX = ± .005" XX = ± .5 *
UNSPECIFIED THREADS ARE CLASS 2 SEE BRAKE SUB-SYSTEM ASS'Y DWG#10846 PROPRIETARY AND CONFIDENTIAL Seakeeper Inc. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SEAKEEPER INCORPORATED. ANY 44425 Pecan Court REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SEAKEEPER IS PROHIBITED. SEAKEEPER* California, MD 20619 UNSPECIFIED MACHINE SURFACE FINISH 63/

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SAC 24JUN13
PPR: DATE: S
RSK 13MAR14
DWG NUMBER
APPR: DATE: 10

PROD APPR:

WEIGHT - LBS

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NG8 COOLING SUB- ASSEMBLY -SERVICE REFERENCE

10847-SP 1 1 OF 1

REV. NO. SHEET NO.