

# Service Schematic

NOTICE - PROPRIETARY INFORMATION: THIS SERVICE SCHEMATIC AND ITS CONTENTS ARE WHOLLY OWNED BY HYDRO-GEAR OF SULLIVAN, IL, AND MAY NOT BE USED, DISCLOSED, PUBLISHED OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF HYDRO-GEAR.



## Service Schematic

| #  | PART # | DESCRIPTION  | QTY    | Note |
|----|--------|--|--------|------|
| 1  |        | PLEASE CONTACT YOUR DISTRIBUTION TO ORDER COMPLETE REPLACEMENT UNIT. |        |      |
| 2  |        | PLEASE CONTACT YOUR DISTRIBUTION TO ORDER COMPLETE REPLACEMENT UNIT. |        |      |
| 7  | 53246  | SCREW 1/4-20 X 1.125 HEX WASHER                                      | 16     |      |
| 10 | 51804  | O-RING -111 .103 X .424  | 5      |      |
| 11 | 54730  | PLUG, EXTERNAL, HEX  | 1      |      |
| 13 | 50928  | SEALANT TUBE   | 1      |      |
| 14 |        | OIL, 20W50   | 70.3oz |      |
| 22 | 51448  | PLATE, BYPASS  | 1      |      |
| 23 | 52114  | FILTER, OIL  | 1      |      |
| 26 | 52162  | SEAL 1.375 X .250 PLUG   | 2      |      |
| 27 | 52137  | SCREW 3/8-16 X 1.50 HFH  | 3      |      |
| 30 | 55232  | SEAL, LIP .375 X .75 X .25   | 1      |      |
| 31 | 51628  | RING RET 37 EXT KLIPRING   | 1      |      |
| 32 | 52136  | ROD BYPASS   | 1      |      |
| 33 | 51627  | RING RET 75 INT  | 1      |      |
| 34 | 51910  | ARM, BYPASS  | 1      |      |
| 35 | 51630  | RING RET 37 EXT PUSH   | 1      |      |
| 40 | 51048  | TRUNNION, SWASHPLATE   | 1      |      |
| 41 | 51140  | SEAL 18 X 32 X 7 LIP   | 1      |      |
| 42 | 50426  | STUD 5/16-24X1.5 SHORT   | 1      |      |
| 43 | 52298  | WASHER .31 X .80 X.21 PLASTIC  | 1      |      |
| 46 | 51812  | SCREW 5/16-24 X 1.00 TWHCS PATCH                                     | 1      |      |
| 55 | 50951  | WASHER 1.23 X 1.57 X .04   | 1      |      |
| 56 | 55486  | SEAL, LIP 17 X 40 X 7 HNBR   | 1      |      |
| 57 | 50329  | RING RET 156 INT   | 1      |      |
| 60 | 51462  | BEARING 35X62X16 BALL THRUST   | 1      |      |
| 64 | 72882  | ASSY, CYLINDER BLOCK, 16cc   | 1      |      |
| 65 | 50551  | BEARING 30X52X13 BALL THRUST   | 1      |      |
| 69 | 70723  | ASSY, BLOCK 7 PISTON   | 1      |      |
| 70 | 44371  | WASHER .63 X 1.0 X .05 FLAT  | 1      |      |
| 71 | 44145  | RETAINING RING, MOTOR SHAFT  | 1      |      |
| 72 | 52109  | GEAR, 14T  | 1      |      |
| 73 | 52150  | SHAFT MOTOR  | 1      |      |
| 74 | 51069  | WASHER .71 X 1.16 X .04 FLAT   | 1      |      |
| 80 | 50132  | WASHER .51 X 1.10 X .03 FLAT   | 2      |      |
| 81 | 52110  | GEAR, 45T  | 1      |      |
| 82 | 52583  | GEAR, 11T  | 1      |      |
| 83 | 55710  | JACK SHAFT (PIN)   | 1      |      |
| 90 | 50859  | RING, RETAINING 206 INTERNAL   | 1      |      |
| 91 | 52108  | GEAR, 54T  | 1      |      |
| 92 | 53336  | SPACER, .75 X 1.32 X .257  | 1      |      |
| 93 | 72749  | KIT, BEARING   | 1      |      |
| 95 | 53656  | BEARING 25.4X52X15 BALL 6205R-1                                      | 1      |      |
| 96 | 53699  | SEAL 1.0 X 2.06 X .38 LIP TC4  | 1      |      |
| 97 | 71405  | KIT, HUB, 4 BOLT   | 1      |      |

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|-----|--------|-------------------------------------|-----|------|
| 99  | 53768  | NUT 3/4-16 HEX LOCK                 | 1   |      |
| 100 | 52766  | PAWL, BRAKE                         | 1   |      |
| 101 | 52651  | SHAFT INBOARD BRAKE                 | 1   |      |
| 102 | 53973  | HANDLE, ACTUATING                   | 1   |      |
| 103 | 53019  | RING RET 43 EXT KLIPRING            | 1   |      |
| 105 | 50752  | SCREW 1/4-20 X .75 HF               | 2   |      |
| 106 | 73041  | GUARD, FILTER, RH                   | 1   |      |
| 111 | 71393  | KIT 1/2 BEADED 9/16 SAE FITTING     | 1   |      |
| 130 | 54501  | TUBE CHARGE TRIPLE O-RING           | 2   |      |
| 131 | 50273  | GEROTOR TANGX1.15X.39 (1.9CC)       | 1   |      |
| 132 | 55204  | O-RING -137, 2.05 X .099 SQUARE     | 1   |      |
| 133 | 53738  | HOUSING CHARGE PUMP                 | 1   |      |
| 134 | 50752  | SCREW 1/4-20 X .75 HF               | 2   |      |
| 156 | 53088  | CAP, AXLE                           | 1   |      |
| 157 | 72291  | KIT GEROTOR SEAL                    | 1   |      |
| 164 | 53514  | SPACER 1.719 X 2.039 X.021          | 1   |      |
| 200 | 73107  | KIT, SEAL                           | 1   |      |
| 201 | 71638  | KIT, CENTER SECTION, RH, CHRG       | 1   |      |
| 202 | 71436  | KIT, CHARGE RELIEF                  | 1   | [1]  |
| 203 | 72274  | KIT CHARGE                          | 1   | [2]  |
| 209 | 72320  | KIT HUB PULLER                      | 1   |      |
| 210 | 73047  | KIT, INPUT SHAFT                    | 1   | [3]  |
| 211 | 71633  | KIT, CONTROL ARM                    | 1   | [4]  |
| 212 | 71569  | KIT, SHAFT, AXLE                    | 1   |      |
| 215 | 72755  | KIT, INBOARD RH ROT "A"/ LH ROT "B" | 1   |      |

**PART NOTES:**

- [1] - CONTAINS ITEMS 135, 136, 137
- [2] - CONTAINS ITEMS 131, 132, 133, 134
- [3] - CONTAINS ITEMS 52, 53, 54
- [4] - CONTAINS ITEMS 44, 46