

# 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      |      |
| 45 | 44130  | WASHER .34 X .88 X .06                                               | 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 | 71446  | KIT, HUB 4 BOLT                                                      | 1      |      |
| 99 | 53768  | NUT 3/4-16 HEX LOCK                                                  | 1      |      |

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|-----|--------|-----------------------------------------|-----|------|
| 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   |      |
| 140 | 54315  | SPACER 0.320 ID X 1.005 OD X 0.1495 THK | 1   |      |
| 141 | 51945  | ARM, NEUTRAL RIGHT                      | 1   |      |
| 142 | 51616  | SHCS 5/16-24 X .875                     | 1   |      |
| 147 | 51605  | SPRING, EXTENSION                       | 1   |      |
| 157 | 72291  | KIT GEROTOR SEAL                        | 1   |      |
| 158 | 53501  | CAP, AXLE                               | 1   |      |
| 164 | 53514  | SPACER 1.719 X 2.039 X .021             | 1   |      |
| 186 | 53496  | TUBE AXLE 2.03                          | 1   |      |
| 200 | 73107  | KIT, SEAL                               | 1   |      |
| 201 | 72535  | KIT, CENTERSECTION, 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 | 71590  | KIT, RTN CW                             | 1   |      |
| 212 | 71570  | KIT, SHAFT, AXLE                        | 1   |      |
| 215 | 72755  | KIT, INBOARD RH ROT "A"/ LH ROT "B"     | 1   |      |

## PART NOTES:

- [1] - CONTAIN ITEMS 135, 136, 137  
 [2] - CONTAIN ITEMS 131, 132, 133, 134  
 [3] - CONTAIN ITEMS 52, 53, 54