

# 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   | 73069  | KIT, HOUSING, MAIN, RH, CHRGR, CNTL | 1       |      |
| 2   | 73095  | KIT, SIDE COVER, RH                 | 1       |      |
| 7   | 53246  | SCREW 1/4-20 X 1.125 HEX WASHER     | 16      |      |
| 10  | 51804  | O-RING -111 .103 X .424             | 1       |      |
| 11  | 54730  | PLUG, EXTERNAL, HEX                 | 1       |      |
| 13  | 50928  | SEALANT TUBE                        | 1       |      |
| 14  |        | OIL, 20W50                          | 63.4 oz |      |
| 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  | 52344  | GEAR 16T STEEL                      | 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  | 52148  | GEAR, 43T                           | 1       |      |
| 82  | 52586  | GEAR, 11T STEEL                     | 1       |      |
| 83  | 55710  | JACK SHAFT (PIN)                    | 1       |      |
| 90  | 50859  | RING, RETAINING 206 INTERNAL        | 1       |      |
| 91  | 52108  | GEAR, 54T                           | 1       |      |
| 93  | 72749  | KIT, BEARING                        | 1       |      |
| 92  | 53336  | SPACER, .75 X 1.32 X .257           | 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       |      |
| 100 | 52766  | PAWL, BRAKE                         | 1       |      |

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| #   | PART # | DESCRIPTION                             | QTY | Note |
|-----|--------|---|-----|------|
| 101 | 55480  | SHAFT, BRAKE, INBOARD                   | 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   |      |
| 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 | 51833  | SPRING EXT .56 X 2.05                   | 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   |      |
| 191 | 53138  | SEAL .625 X .875 X .250 LIP             | 1   |      |
| 192 | 55177  | SEAL, PLUG .875 X .250                  | 1   |      |
| 193 | 54974  | PLUG, 3/4 - 16                          | 1   |      |
| 194 | 55789  | ASSEMBLY, FITTING 9/16-18 BREATHER      | 1   |      |
| 195 | 55071  | ASSEMBLY, TANK, EXPANSION, INTERNAL, RH | 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   |      |
| 211 | 71590  | KIT, RTN CW                             | 1   |      |
| 212 | 71570  | KIT, SHAFT, AXLE                        | 1   |      |
| 215 | 73120  | KIT, INBOARD RH ROT "A" / LH ROT "B"    | 1   |      |

## PART NOTES:

- [1] - CONTAINS ITEMS: 135, 136, 137  
 [2] - CONTAINS ITEMS: 131, 132, 133, 134