





EXPLODED VIEW: ENGINE GTH 530

DRAWING #: 0H1732

GROUP D

| ITEM | PART# | QTY. | DESCRIPTION |
|--------|---------|------|---|
| PAGE 1 | | | |
| 1 | 078699B | 6 | SLEEVE DOWEL PIN 12 DIA |
| 2 | 0D4788 | 1 | PLUG STD PIPE 3/8 S TEEL SQ HEAD |
| 3 | 0E3812 | 2 | SEAL CRANKSHAFT OIL-35 DIA |
| 4 | 0E9310A | 1 | SUBASSEMBLY CRANKCASE GTH530 |
| 5 | 0E9412 | 1 | BEARING 35MM ID GT530 |
| 6 | 0H6779 | 1 | BEARING NEEDLE 8X12X8 OPEN |
| 7 | 043790A | 1 | ELBOW 90 DEG 3/8 NPT WVS |
| 8 | 0C5733 | 1 | PLUG EXPANSION |
| 9 | 0G1062E | 1 | CRANKSHAFT GTH530 |
| 10 | 0E9347 | 1 | GEAR CRANKSHAFT |
| 11 | 0E9326 | 1 | GEAR CAMSHAFT GT530 |
| 12 | 0E9324A | 1 | CAMSHAFT MACHINED W/CRL |
| 13 | 0E9314A | 1 | COVER GEAR MACHINED |
| 14 | 067156 | 3 | SCREW M6-1 X 30 SEMS |
| 15 | 0C3027 | 1 | O-RING 3/8 X 1/2 |
| 16 | 0E9358 | 1 | PICK UP SCREEN OIL |
| 17 | 0E9370 | 1 | GASKET OIL FILTER ADAPTOR |
| 18 | 0E9505A | 1 | ASSEMBLY OIL COOLER ADAPTOR W/PRES RELIEF |
| 19 | 036261 | 2 | RIVET POP |
| 20 | 0G6431A | 3 | SCREW SHC M6-1 X 30 |
| 21 | 0A5776 | 1 | BALL RELIEF |
| 22 | 0C5314A | 1 | GEROTOR INNER GT530 |
| 23 | 0C5315A | 1 | GEROTOR OUTER GT530 |
| 24 | 0E9345 | 1 | GEAR GEROTOR GT530 |
| 25 | 0E9382 | 1 | COVER GEROTOR |
| 26 | 0E9399 | 1 | COVER GEAR SHIELD |
| 27 | 0E9482 | 1 | SPRING OIL PRESSURE RELIEF |
| 28 | 0A7811 | 1 | SPOOL GOVERNOR |
| 29 | 0C2983 | 1 | SHAFT GOVERNOR |
| 30 | 0C2985A | 2 | BEARING ROLLER GOV TOP PLATE |
| 31 | 0C2985B | 1 | ROLLER BEARING |
| 32 | 0E9356 | 1 | GEAR GOVERNOR |
| 33 | 0E9378 | 2 | FLYWEIGHT GOVERNOR |
| 34 | 0E9515 | 2 | PIN GOVERNOR FLYWEIGHT RETAINER |
| 35 | 084186 | 4 | WASHER VALVE SPRING WEAR |
| 36 | 088156 | 2 | SEAL VALVE STEM |
| 37 | 0C3590 | 2 | VALVE EXHAUST |
| 38 | 0C3591 | 2 | VALVE INTAKE |
| 39 | 0C3592 | 8 | KEEPER VALVE SPRING |
| 40 | 0C3733 | 4 | VALVE RETAINER |
| 41 | 0C4390 | 4 | SPRING VALVE SF |
| 42 | 0E9304 | 1 | ASSY CLY HEAD 1 GUIDES AND SEATS |
| 43 | 0E9305 | 1 | ASSY CYL HEAD 2 GUIDES AND SEATS |
| 44 | 076390 | 4 | RING RETAINING |
| 45 | 0G4379A | 2 | RING PISTON TOP N 75 |
| 46 | 0G4379B | 2 | RING PISTON 2 ND N 75 |
| 47 | 0G4379C | 4 | RING PISTON OIL RAIL N 75 |
| 48 | 0G4379D | 2 | RING PISTON OIL SPACER N 75 |
| 49 | 0G1054A | 2 | ASSY CONROD GT530 |
| 50 | 0G4331 | 2 | PISTON COATED N 75 |
| 51 | 076389 | 2 | PIN PISTON |
| 52 | 083235 | 4 | TAPPET 7.5 DIA |
| 53 | 0E9357 | 1 | SEAL GOVERNOR ARM GT530 |
| 54 | 0E9381 | 2 | SHIM GOVERNOR ARM 8X14X1 |
| 55 | 0E9354 | 1 | ARM GOVERNOR |
| 57 | 0C5943 | 1 | SEAL OIL PASSAGE |
| 58 | 0E9350 | 1 | GASKET CRANKCASE |
| 59 | 073144 | 9 | SCREW HHFC M8-1.25 X 45 |
| 60 | 0E9502 | 1 | SEPARATOR OIL |
| 61 | 0E9366 | 1 | GASKET BREATHER ASSY |
| 62 | 0E9367A | 1 | ASSY BREATHER PLASTIC |
| 63 | 0E3372C | 1 | SEPARATOR OIL BREATHER |
| 64 | 0C8566 | 2 | SCREW HHFC M6-1.0 X 20 |

EXPLODED VIEW: ENGINE GTH 530

DRAWING #: 0H1732

GROUP D

| ITEM | PART# | QTY. | DESCRIPTION |
|------|---------|------|--------------------------------|
| 65 | 0E9351 | 2 | GASKET CYLINDER HEAD |
| 66 | 077168 | 12 | SCREW HHC M8-1.25 X 56 |
| 67 | 077160 | 4 | ARM ROCKER GH220 |
| 68 | 077161 | 4 | STUD ROCKER ARM PIVOT |
| 69 | 076307 | 4 | NUT JAM M6-0.75 FINE THREAD |
| 70 | 0E9455E | 4 | PUSHROD ALUMINUM |
| 71 | 0E9353A | 2 | PLATE PUSH ROD GUIDE |
| 72 | 0E9352 | 2 | GASKET VALVE COVER |
| 73 | 080318 | 8 | SCREW HHFC M6-1 X 8 |
| 74 | 0E9334C | 2 | COVER ROCKER |
| 75 | 0E9368 | 2 | SPARK PLUG |
| 76 | 0E9407A | 1 | ASSY CAM & GEAR |
| 77 | 0E9508 | 2 | RING RETAINING E-STYLE |
| 78 | 0G0275 | 1 | KIT HEAD ASSY CYL 1 |
| 79 | 0G0276 | 1 | KIT HEAD ASSY CYL 2 |
| 80 | 0G1063E | 1 | KIT CSHAFT W/PLUG |
| 81 | 0G4379 | 2 | RING SET |
| 82 | 0G4473A | 2 | ASSY PISTON AND CONNECTING ROD |
| 83 | 0D4614 | 1 | SCREW SHC 5/16-24 X 3/8 |

PAGE 2

| | | | |
|----|-------------|----|--------------------------------------|
| 1 | 061906 | 2 | SCREW HHC M8-1.25 X 85 |
| 2 | 022129 | 2 | WASHER LOCK M8-5/16 |
| 3 | 10000001020 | 1 | STARTER MOTOR GEAR REDUCED 1KW |
| 4 | 0G0919 | 7 | SCREW HHFCS M6-1 X 12 |
| 5 | 0E9507 | 5 | SCREW HHFC M8-1.25 X 14 |
| 6 | 0E9362 | 2 | LIFTING HOOK GT530 |
| 7 | 0G7611 | 1 | WRAPPER INNER CYL #2 |
| 8 | 0G7610 | 1 | WRAPPER INNER CYL #1 |
| 9 | 0G7609 | 1 | WRAPPER OUTER CYL #2 |
| 10 | 0G7608 | 1 | WRAPPER OUTER CYL #1 |
| 11 | 0E4998 | 1 | SCREW CONNECTOR |
| 12 | 0G5762 | 1 | GROUND POST MOUNT BLOCK |
| 13 | 0G1705 | 13 | SCREW HHFC M6-1.0 X 8 |
| 14 | 051716 | 1 | NUT HEX M5 X 0.8 |
| 15 | 0G4985 | 1 | BACKPLATE GT530 |
| 16 | 082774 | 1 | KEY WOODRUFF 4 X 19D |
| 17 | 0E9525A | 1 | ASSY FLYWHEEL AND RING GEAR 29 DEG |
| 18 | 067198N | 1 | WASHER BEL V-20 X 2.2 |
| 19 | 067890 | 1 | HEX NUT METRIC |
| 20 | 0F1177 | 1 | ASSY GROUNDING WIRE (NOT SHOWN) |
| 21 | 0G3251A | 1 | ASSY IGN COIL W/DIODE GTH530 CYL 1 |
| 22 | 0G3251B | 1 | ASSY IGN COIL W/DIODE GTH530 CYL 2 |
| 23 | 0G6432 | 4 | SCREW HHC M6-1.25 X 12 |
| 24 | 0H6213 | 2 | SCREW HHFCS M8-1.25 X 12 |
| 25 | 0E9486A | 1 | FAN FLYWHEEL |
| 26 | 0C3032 | 1 | PLATE FAN GV-990 |
| 27 | 0G3662B | 6 | CLAMP HOSE OETIKER STEPLESS 18.5 |
| 28 | 0F0452E | 1 | HOSE 3/8" PUSH ON (191 MM) |
| 29 | 0F0452C | 1 | HOSE 3/8" PUSH ON (152 MM) |
| 30 | 0E9406 | 1 | OIL COOLER GT530 |
| 31 | 070185E | 1 | FILTER OIL 90MM NO BRAND |
| 32 | 0H1315 | 1 | SWITCH LOW OIL PRESSURE |
| 33 | 0E9376 | 1 | MANIFOLD INTAKE GT530 |
| 34 | 0E9471 | 1 | GASKET INTAKE MANIFOLD TO CARBURETOR |
| 35 | 078643B | 2 | BOLT CARB MOUNT |
| 36 | 096290C | 2 | STUD M6-1 X 90 DRI-LOC |
| 37 | 0E9383F | 1 | CARBURETOR |
| 38 | 0E9472 | 1 | GASKET AIRBOX TO CARBURETOR |
| 39 | 0E9421 | 1 | ASSY GOVERNOR ROD |
| 40 | 0F9176D | 1 | HOSE 1/4" GREENBAR SAE30R7 6" |
| 41 | 048031N | 2 | CLAMP HOSE BAND 0.530 |
| 42 | 0D6313 | 1 | FILTER, FUEL |

EXPLODED VIEW: ENGINE GTH 530**DRAWING #: 0H1732****GROUP D**

| ITEM | PART# | QTY. | DESCRIPTION |
|-------------|--------------|-------------|--|
| 43 | 0H3455E | 1 | FUEL HOSE 160MM LONG |
| 44 | 048031G | 2 | CLAMP HOSE BAND 0.409 |
| 45 | 0D1366 | 1 | BUSHING GOVERNOR ROD |
| 46 | 0D3700 | 2 | NUT FLANGE M6-1.0 NYLOK |
| 47 | 0D5125 | 1 | SPRING SUMMER / WINTER VALVE |
| 48 | 0D6342A | 1 | BALL STUD 8MM |
| 49 | 0D6098 | 1 | SPACER ROD THROTTLE |
| 50 | 0D9784 | 1 | NUT HEX LOCK M3-0.5 NY INSERT |
| 51 | 0E9374A | 1 | BASE AIRBOX GTH530 |
| 52 | 0E9375A | 1 | COVER AIRBOX GTH530 |
| 53 | 0E9385 | 1 | VALVE SUMMER / WINTER |
| 54 | 0E9386C | 1 | COVER FRONT GTH530 CONSTANT SPEED |
| 55 | 0G9549 | 1 | SWITCH MOMENTARY (OFF) - ON |
| 56 | 0H5904 | 1 | HARN CTRL PNL CONNECT XG10 (NOT SHOWN) |
| 57 | 0D6147 | 1 | SCREW HHFCS M6-1.0 X 10 |
| 58 | 0E9393 | 1 | BREATHER HOSE GTH530 |
| 59 | 0E9449 | 1 | KNOB CHOKE GTH530 |
| 60 | 0E9450A | 1 | BAFFLE CENTER GTH530 PORTABLE |
| 61 | 0E1644 | 2 | SCREW BHSC M6-1.0 X 12 |
| 62 | 0E9477 | 1 | ROD MANUAL CHOKE GTH530 |
| 63 | 0E9511B | 1 | KNOB AIRBOX QUARTER-TURN |
| 64 | 073111 | 1 | AIR FILTER ELEMENT |
| 65 | 0H1112 | 1 | ASSY SPEED CONTROL |
| 66 | 0E9503A | 1 | ASSY GOVERNOR LEVER W/BALL STUD |
| 67 | 0H7283 | 1 | SPRING GOVERNOR GTH530 |
| 68 | 0G8234 | 1 | SPRING ANTI-LASH GTH530 |
| 69 | 0E9509 | 2 | SCREW PFHM M6-1.0 X 12 |
| 70 | 040976 | 4 | SCREW SHC M8-1.25 X 20 |
| 71 | 0E9319 | 2 | GASKET INTAKE |
| 72 | 0E9336F | 1 | BLOWER HOUSING |
| 73 | 0D6147 | 4 | SCREW HHFCS M6-1.0 X 10 |
| 74 | 0C9997 | 1 | GUARD FAN |
| 75 | 0E7887 | 1 | ASSY FLAT DIPSTICK |
| 76 | 0H1532 | 1 | ASSY OIL CHECK & FILL |
| 77 | 066482 | 1 | SCREW HHSW M5-0.8 X 10 |
| 78 | 090072 | 1 | O-RING 9/16 X 3/4 X 3/32 |
| 79 | 0E4997 | 1 | ASSY GROUND WIRE CONNECTOR |
| 80 | 0G4403B | 1 | ASSY OIL DRAIN HOSE |
| 81 | 0G5015001E | 1 | ASSY BLOCK GTH530 GAS PORT |
| 82 | 0H1705 | 1 | DECAL IGNITION |
| 83 | 0H5820 | 1 | DECAL ENGINE XG 10KW |