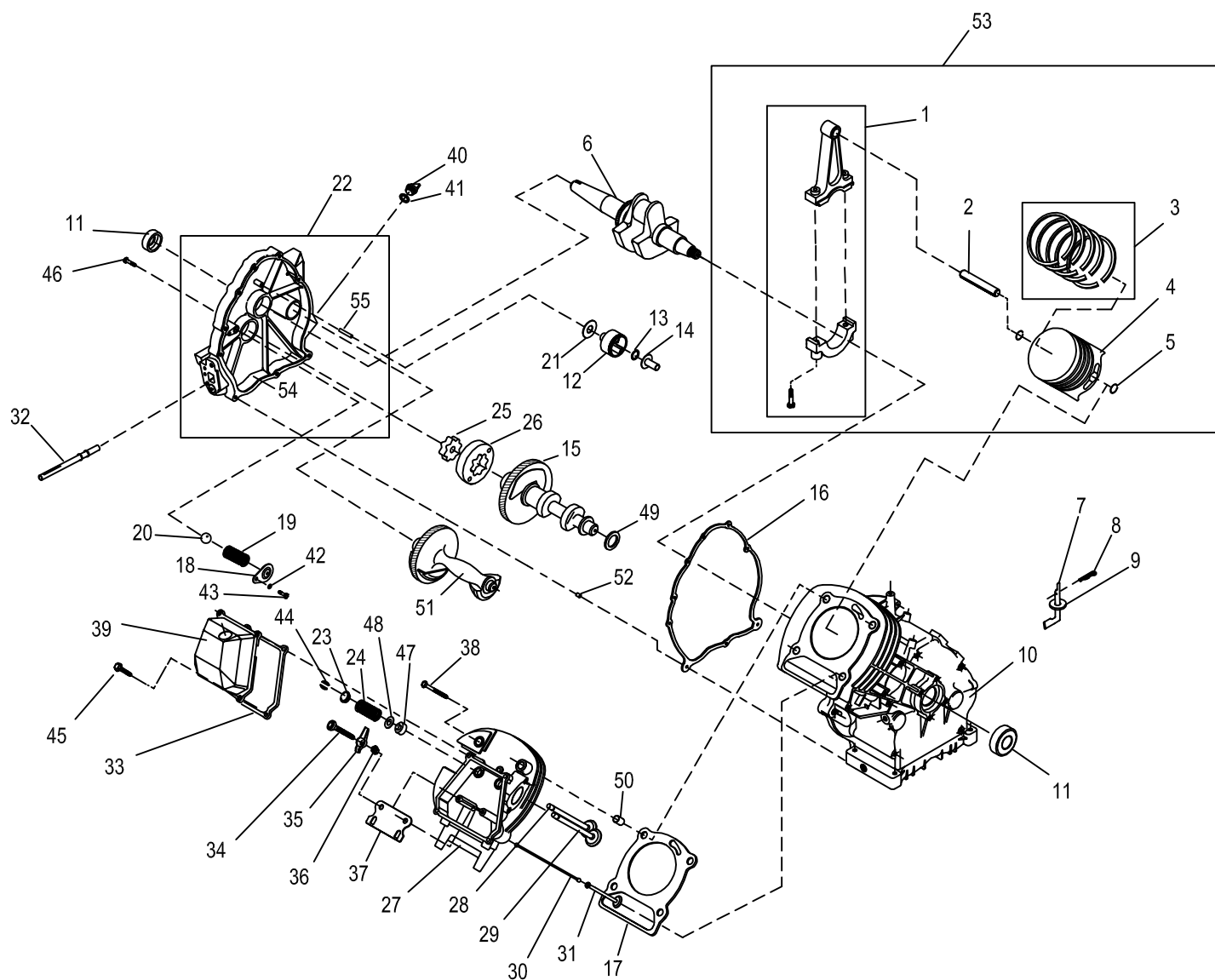


GROUP D

22	54, 55, 56, 57, 58
53	1, 2, 3, 4, 5



EXPLODED VIEW: EV XG 50Hz 410 LONGBLOCK

DRAWING #: 0J9158

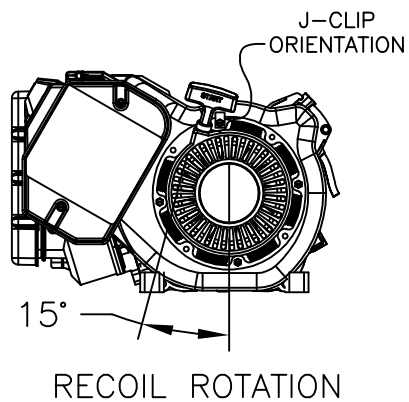
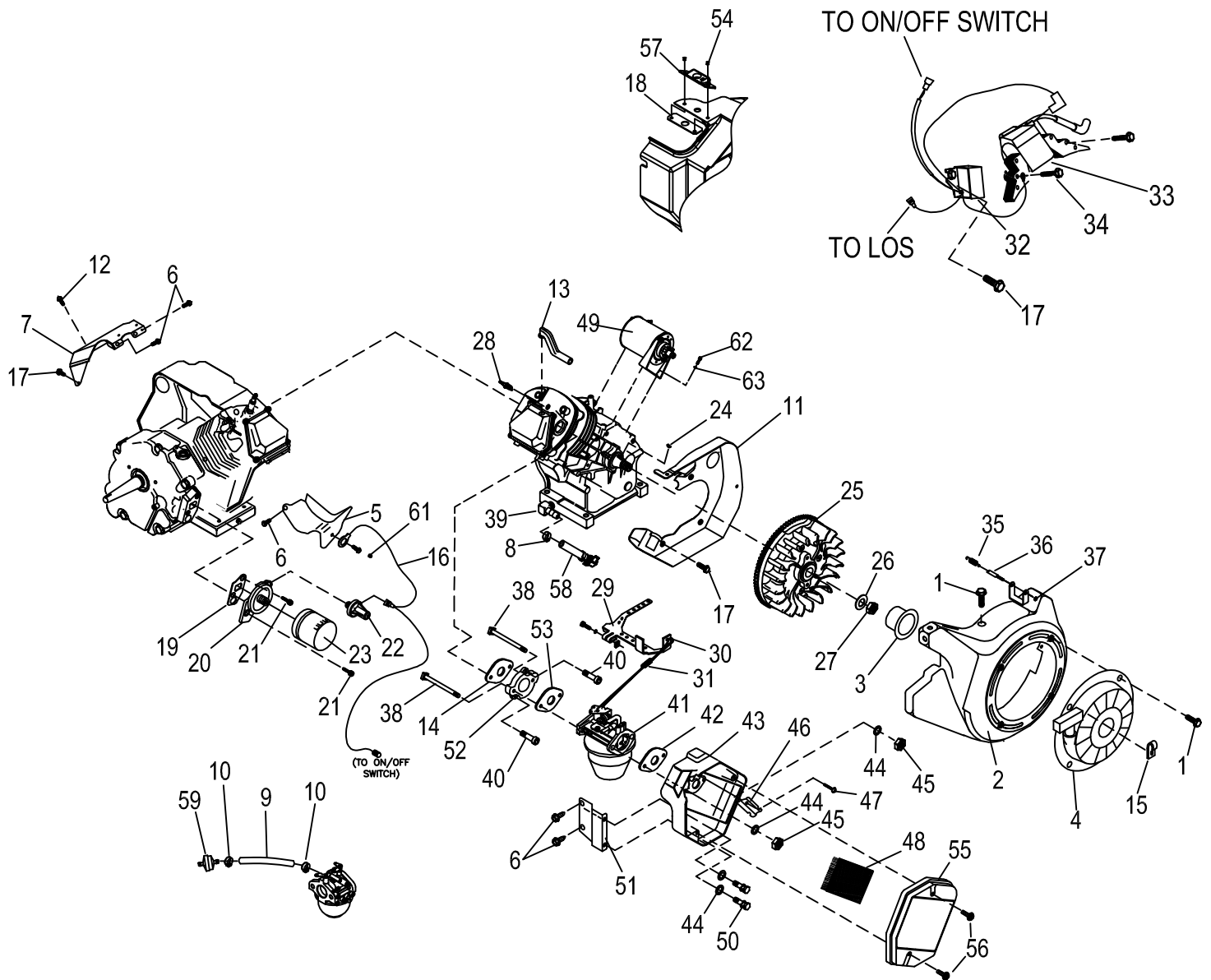
GROUP D

APPLICABLE TO: 006221-0

ITEM	PART #	QTY.	DESCRIPTION
1	0E3221	1	ASSEMBLY, CONNECTING ROD
2	0E1466	1	PIN, PISTON D20
3	0G2565	1	RING SET, PISTON Ø90
4	0K0988	1	PISTON FLAT TOP 90 HSB 2013
5	071983	2	RETAINER, PISTON PIN 20
6	0A9995	1	CRANKSHAFT SAE PTO TAPER LF
7	0A7628	1	ARM, GOVERNOR RC45
8	0H9038	1	PIN COTTER "R" .059 X 1/4 X 1-1/8
9	078659	2	WASHER, GOVERNOR ARM THRUST
10	0H0165C	1	CRANKCASE, SUBASSEMBLY WITH PLUGS GH410
11	0E3812	2	SEAL, 35 I.D. CRANKSHAFT
12	0E6519	1	ASSEMBLY, GOVERNOR GEAR
13	078645	1	C-RING, GOVERNOR GEAR RETAINER
14	0A7811	1	SPOOL, GOVERNOR- MACHINE
15	0A9877	1	CAMSHAFT ASSEMBLY
16	076701	1	GASKET , CRANKCASE
17	021713B	1	GASKET, HEAD 410
18	078691	1	COVER, OIL PRESSURE RELIEF
19	0A5771	1	SPRING, OIL RELIEF 360
20	0A5776	1	BALL, DIA 11/32 PRESSURE RELIEF
21	076361	1	WASHER, THRUST GOVERNOR GEAR
22	0G4233A	1	ASSEMBLY, COVER
23	0D2274	2	RETAINER, VALVE SPRING
24	0C4391	2	VALVE SPRING LF
25	086026	1	GEROTOR, INNER 12 THK
26	086002	1	GEROTOR, OUTER 12 THK
27	0G6791A	1	ASSEMBLY,CYLINDER HEAD SEATS & GUIDES
28	086516	1	VALVE, EXHAUST
29	086517	1	VALVE, INTAKE
30	0D9853B	2	PUSH ROD 174.9
31	083897	2	TAPPET
32	077158	1	ASSEMBLY, SCREEN OIL PICK-UP
33	0C3150	1	GASKET, ROCKER COVER 410
34	072694	2	STUD, D20 PIVOT BALL
35	083907	2	ROCKER ARM
36	0D3998	2	NUT, JAM M8 (ROCKER ARM)
37	078694	1	PLATE, PUSH ROD GUIDE
38	021742	4	SCREW, HHFL M10-1.5 X 105
39	0D6094	1	ASSEMBLY, ROCKER COVER OHV1
40	076329A	1	PLUG, OIL FILL PLASTIC ORANGE
41	0E0057	1	O-RING 11/16 - 7/8
42	0G5792	1	WASHER, LOCK M5
43	045770	1	SCREW HHC M5-0.8 X 10 C8.8
44	086515	4	KEEPER, VALVE SPRING
45	0G0919	4	SCREW HHFCS M6-1 X 12 G8.8
46	0A1442	8	SCREW, HHFC M8-1.25 X 42
47	078672	1	SEAL, VALVE STEM D7
48	089673	2	WASHER, VALVE SPRING
49	0B2104	1	WASHER, LARGE WAVE
50	078699C	2	SLEEVE, DOWEL PIN 14 DIA.
51	0E3341	1	BALANCER
52	078699B	2	SLEEVE, DOWEL PIN 12 DIA.
53	0K1633	1	ASSY PISTON FLAT TOP GT999
54	0G1843A	1	GEARCOVER, MACHINED
55	0A7627	1	SHAFT, GOVERNOR
*56	076353B	1	PLUG, 6.5 DIA.
*57	076353C	1	PLUG, 8.4 DIA.
*58	083921	1	SHAFT, BEARING TUBE

* NOT SHOWN IN EV

GROUP D



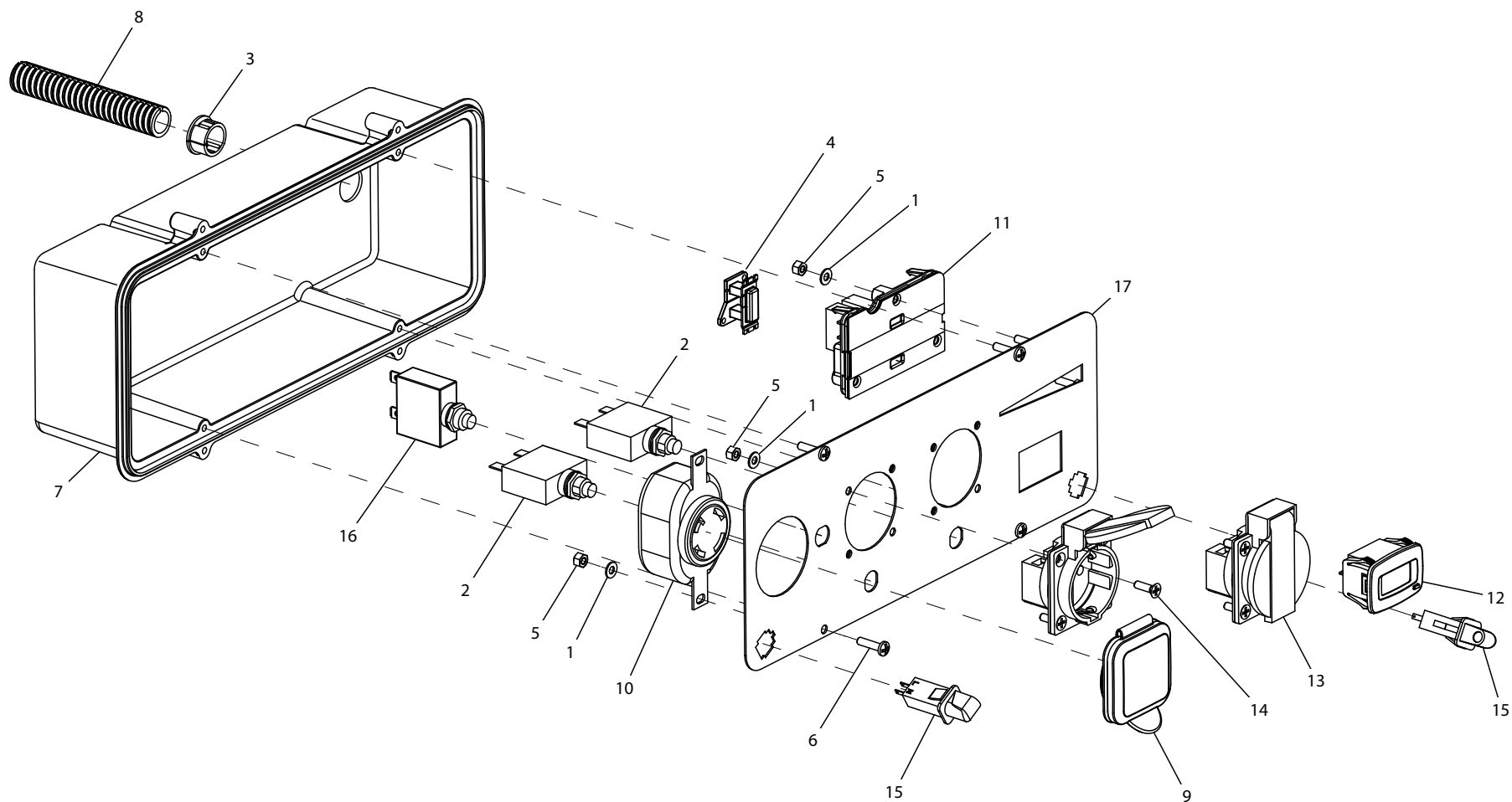
EXPLODED VIEW: EV XG 50Hz 410 LONGBLOCK

DRAWING #: 0J9158

GROUP D

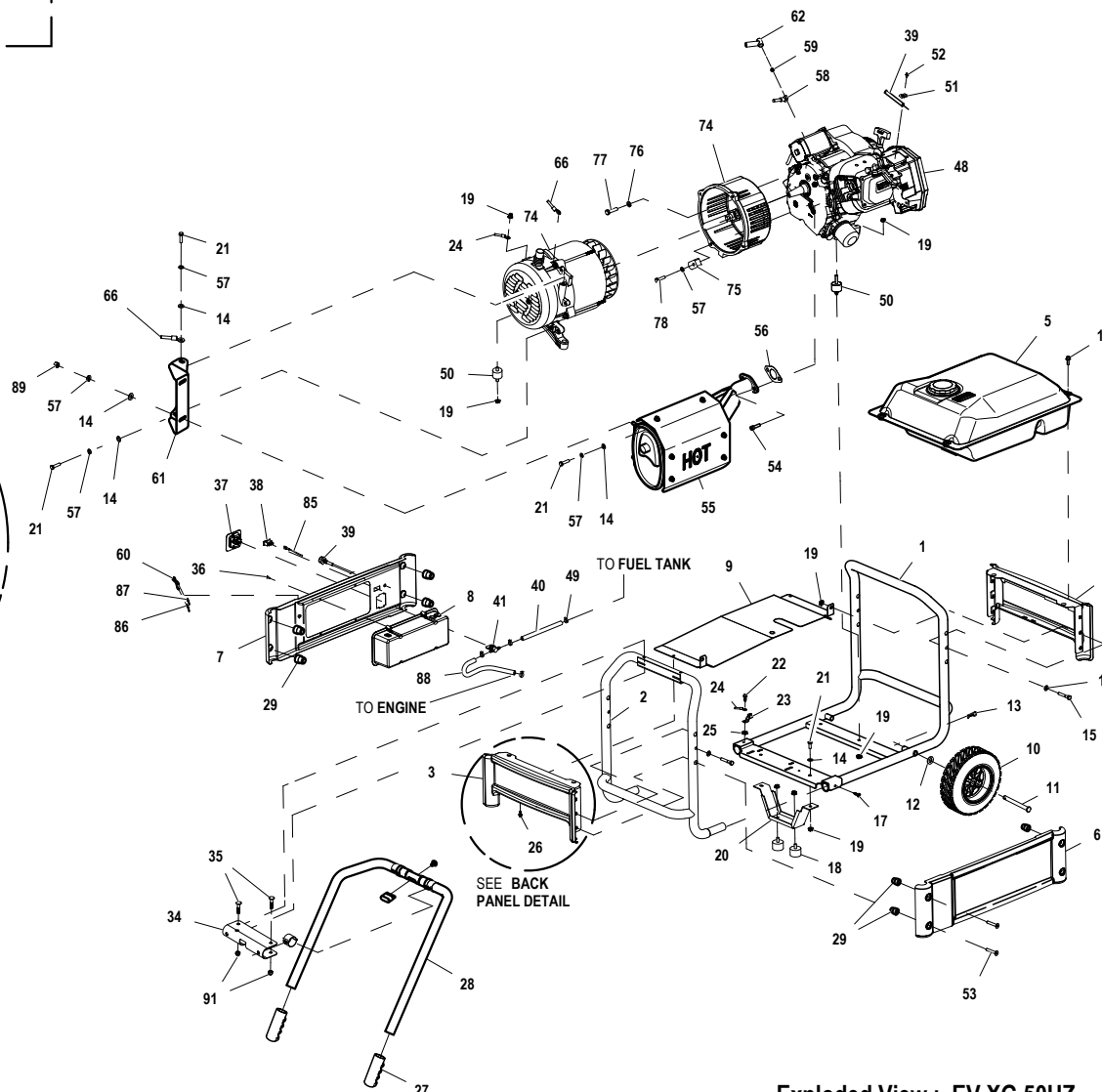
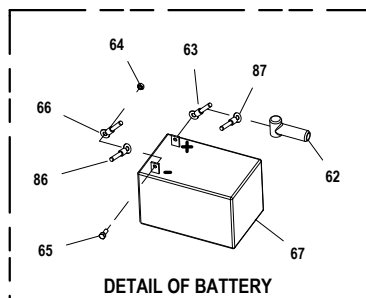
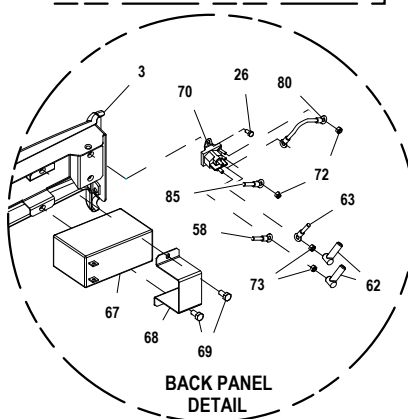
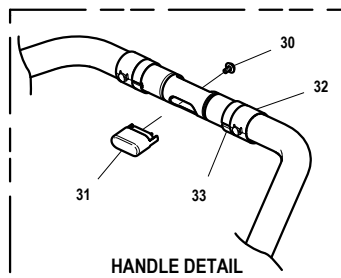
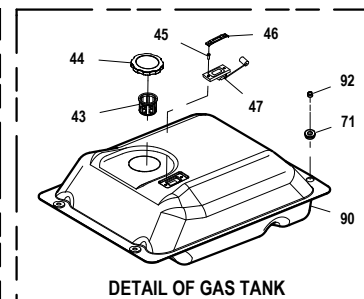
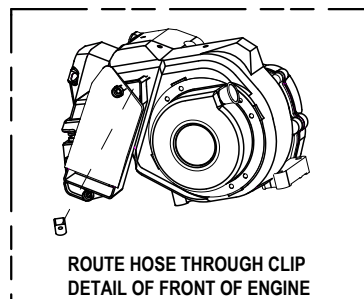
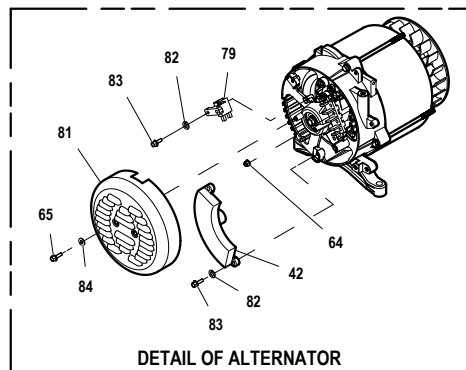
APPLICABLE TO: 006221-0

ITEM	PART #	QTY.	DESCRIPTION
1	0C 1069	9	SCREW HHTT M6-1.0 X 8 ZYC
2	0D 2922	1	ASSEMBLY, BLOWER HOUSING
3	0E9 521	1	PULLEY STARTER LARGE FRAME
4	0E9 483	1	RECOIL STARTER LARGE FRAME
5	088434	1	WRAPPER, BOTTOM 12 HP HS
6	045756	5	SCREW HHTT M6-1.0 X 10 YELLOW CHROME
7	0C 4176A	1	WRAPPER, TOP REGULAR STEEL
8	0G3662B	1	CLAMP, HOSE OETIKER STPLSS 18.5
9	0H3455A	1	FUEL HOSE, 250 MM LONG
10	048031G	2	CLAMP HOSE BAND 41
11	073116A	1	BACKPLATE
12	0G7967	1	SCREW, HHTT 5/16-18X1/2" CLEAR
13	0D 7199A	1	HOSE, BREATHER GH410 ENGINES
14	091039	1	GASKET, INTAKE ADAPTER
15	082121C	1	CLIP-J, VINYL COAT
16	0H 4218	1	WIRE HARNESS, 410 ENGINE SWITCH WIRING
17	0E1552	6	SCREW HHFC M6-1.0 X 12
18	0H0866	1	BACK PLATE
19	086999	1	GASKET, OIL FILTER ADAPTER
20	0D 5667A	1	ADAPTER, OIL FILTER
21	049821	2	SCREW, SHC M8-1.25 X 30 G1 29
22	0H 1315	1	SWITCH, HOBBS OIL PRESSURE 5PSI
23	070185B	1	FILTER, OIL BLACK 75 LONG
24	082774	1	KEY, WOODRUFF 4 X 19 D
25	091222C	1	FLYWHEEL, RING GEAR 27 DEG
26	067198N	1	WASHER, BELV-20 X 2.2
27	067890	1	NUT HEX M20-1.5 G8YLW CHROME- FLYWHEEL
28	0E7 585	1	SPARKPLUG, CHAMPION RC14YC 0.030"
29	072734	1	ASSEMBLY, GOVERNOR LEVER 12HP
30	072735	1	ROD, GOVERNOR CONTROL
31	0C 3978	1	SPRING, ANTI-LASH
32	087221G	1	OIL PRESSURE SHUTDOWN MODULE
33	0G9241T	1	ASSEMBLY, IGNITION ADV NO DIODE GH410
34	080318	2	SCREW HHFC M6-1.0 X 25 G8.8
35	073100B	1	SPRING GOVERNOR 50HZ
36	083502	1	BOLT, GOVERNOR ADJUSTMENT M5
37	082025	1	NUT, HEX LOCK M5-0.8 NYLON INSERT ZINC
38	081647	2	BOLT, CARBURETOR MOUNTING
39	043790A	1	BARBED ELBOW 90 DEG 3/8" NPT X 3/8"
40	0H 8227	2	FLANGE HEAD SCREW, SHC M6-1.0 X 20 G8.8ZP
41	0G9594	1	CARBURETOR ASSEMBLY, 410 HS
42	090970	1	GASKET, AIR CLEANER
43	0G5630D	1	BASE, AIR CLEANER 410 XP PORT
44	049811	4	WASHER, FLAT M6
45	0B 2236	2	NUT, HEX LOCK M6-1.0 NYLON INSERT
46	091204	1	PLATE, SPITBACK
47	0K 0784	1	SCREW HWHTF 8-18x0.5 HI-LOW
48	073111	1	ELEMENT, AIR FILTER
49	0D9 004A	1	STARTER, ASSEMBLY
50	079246	2	SCREW, HHC M6-1.0 X 16 W/ LOCK WASHER
51	090827	1	BRACKET, AIR CLEANER
52	091028	1	ADAPTER, "K"
53	089228	1	GASKET, CARBURETOR/MANIFOLD
54	0G9860	2	RIVET, 1/8"
55	073104B	1	COVER, AIR CLEANER 13GN
56	078609	2	BOLT, AIR CLEANER COVER
57	0G9688	1	BRACKET, CHOKE CABLE
58	0H8131B	1	ASSY OIL DRAIN HOSE, 6" LONG ORANGE
59	0D6313	1	FUEL FILTER
61	022717B	1	GROMMET
62	081990	2	SCREW SHC M8-1.25 X 40 C8.8
63	022129	2	WASHER, LOCK M8-5/16



GROUP EV

ITEM	PART	QTY.	DESCRIPTION
1	043180	13	WASHER FLAT M4
2	075207L	2	CB 0016A 1P UL/CSA
3	0A5489	1	SNAP BUSHING .75 OPEN
4	0D4804B	1	XFMR IDLE CURRENT
5	0E6480	13	NUT HEX LOCK M4-0.7 NY INS
6	0G8382	4	SCREW PPPH #8-16 X .66" BZC
7	0G9756	1	RECPTACLE PANEL STORM-GEN
8	077043B	0.8 FT	CONDUIT FLEX .50" ID
9	0G9391	1	COVER,30A 120/240V
10	0H2929	1	OUTLET 30A 120/250V SPCGR
11	0H3362B	1	TRULOAD POWERBAR ASSY 6.5KW
12	0H8214	1	HOUR METER W/ALERTS AC/DC
13	0J7877	2	OUTLET CEE 7/4 16A TYPE F
14	0J8080	8	SCREW PFHM M4-0.7 X 14
15	0J8222	2	SNAP FIT LED XG 230V
16	0H0265D	1	CB 25A 1P CUL/CSA (MODEL 0062200 ONLY)
	0H0265E	1	CB 30A 1P CUL/CSA (MODEL 0062210 ONLY)
17	0J8188A	1	WLDMNT CTRL PNL 5600W XG 50HZ (MODEL 0062200 ONLY)
	0J8188	1	WLDMNT CTRL PNL 6400W XG 50HZ (MODEL 0062210 ONLY)



GROUP EV

ITEM	PART	QTY.	DESCRIPTION
1	0J4654	1	FRAME BASE ASSY XG8000E
2	0J4653	1	FRAME END ASSY XG8000E
3	0H2392C	1	ASSY,END PNL ALT. END
4	0H2392A	1	ASSY,END PANEL XG8
5	0H2564	1	ASSY,FUEL TANK XG8 9GAL CARB
6	0H2394B	1	PANEL, SIDE
7	0H2394A	1	PANEL,C/PNL SIDE
8	0J8185A	1	ASSY CTRL PNL 5600W XG 50HZ (MDL. 0062200)
	0J8185	1	ASSY CTRL PNL 6400W XG 50HZ (MDL. 0062210)
9	0H6371	1	HEAT SHIELD, XG6.5-8
10	0H4420	2	WHEEL,9.5", 1/2" AXLE,XG RALLYE
11	0H1129	2	AXLE, PIN, 1/2 IN, XG
12	087171	2	WASHER FLAT 1/2 SS
13	0H3443	2	COTTER HAIRPIN 2.56 X .80
14	022145	10	WASHER FLAT 5/16-M8 ZINC
15	051731	4	SCREW HHC M8-1.25 X 50 C8.8
16	0G5445	4	SCREW HHTT M8-1.25 X 20
17	0H5030	2	SCREW HHSD 1/4-14 X 7/8 BZ
18	0H3590	2	VIB MNT 38.4 X 30.5 X M8-1.25
19	067989	14	NUT HEX FL WHIZ M8-1.25
20	0H0720	1	BRACKET, BENT, FOOT, GX
21	039253	4	SCREW HHC M8-1.25 X 20 C8.8
22	0G2018	1	SCREW HHSD 1/4-14 X 7/8
23	055414	1	LUG SLDLSS #2-#8 X 17/64 CU
24	0742600186	1	GROUND WIRE BRG CAR-LUG 4KW
25	0A1658	1	WASHER LOCK SPECIAL 1/4"
26	090388	4	SCREW HHTT M6-1.0 X 12 ZINC
27	0G8465	2	GRIP NUBBED 1-1/4"X4-3/8"
28	0J1208B	1	ASSY HANDLE XG
29	0H5307	8	SPACER, SELF LOCATING
30	0F2659	1	SCREW HHTT M3-0.5 X 6 BP
31	0H9527	1	ASSY BUTTON HANDLE XG
32	0H2205	2	BEARING,HANDLE,XG
33	0H9525	2	BEARING EXTERNAL HANDLE XG
34	0H9529B	1	BRACKET MOUNTING HANDLE
35	0H6887	2	BOLT CARR 5/16-18 X 2" G2
36	0G8382	4	SCREW PPPH #8-16 X .66" BZC
37	0H2142	1	VALVE HOLDER,FUEL SHUTOFF
38	0G9549	1	SWITCH SPDT (ON)-OFF-ON 20A
39	0G9560A	1	CABLE CHOKE PORT NOM 382
40	0H3455E	1	FUEL HOSE, 160 MM LONG
41	0H3419	1	VALVE,FUEL SHUTOFF
42	0H2579B	1	AVR 5.5-7.5KW VISION ALT
43	0H1326	1	FILTER, FUEL
44	0H1325A	1	FUEL CAP,VENTED, CHROME CAP
45	0H1357	2	SCREW PFHM M5-0.8 X 12
46	0H1359	1	PLATE, FUEL GAGE

ITEM	PART	QTY.	DESCRIPTION
47	0H1345	1	FUEL GAGE, 153 MM LONG ARM
48	0J8850	1	410CC ENGINE, 50HZ
49	048031G	4	CLAMP HOSE BAND .41
50	0H2043	4	VIB MOUNT 35 X 12 X M8-1.25
51	0E4190	1	CLAMP, 3/16" COATED CABLE
52	0F5579	1	SCREW HHC SHLDR M5-0.8X20 G8.8
53	0H6059	8	SCREW FHSC M8-1.25 X 60 BZC
54	0G3730	2	SCREW SHC M8-1.25 X 20 SEMS
55	0H3033A	1	MUFFLER ASSY XG 5.6-7KW
56	090239	1	GASKET, EXHAUST
57	022129	5	WASHER LOCK M8-5/16
58	0742600191	1	WIRE ASSEMBLY
59	0B2236	1	NUT HEX LOCK M6-1 NY INS
60	0H0025	1	ASSY 12VDC POWER JACK W/LUGS
61	0K0050	1	BRACKET MUFFLER 410
62	0G6392	1	BOOT, VINYL STARTER-SOLENOID
63	0742600189	1	WIRE ASSEMBLY
64	0H3535	4	NUT FLANGE M5-0.8 NYLOCK
65	052618	4	SCREW HHC M5-0.8 X 12 C8.8
66	0742600193	1	WIRE ASSEMBLY
67	0G9449	1	BATTERY 12V10AH SEALED
68	0H2764	1	BRACKET,BATTERY,HOLD DOWN
69	092079	2	SCREW HHTT M6-1.0 X 25 BP
70	086729	1	CONTACTOR, STARTER SOLENOID
71	0H1411	4	RUBBER MOUNT, 10.8 ID X 9 TALL
72	089338	2	NUT HEX LOCK #8-32 NY INS BRS
73	027529	2	NUT HEX LOCK 1/4-20 NY INS
74	0J8658	1	ALT 5600W XG 50HZ (MDL. 0062200)
	0J8659	1	ALT 6400W XG 50HZ (MDL. 0062210)
75	0G9832	1	BRACKET, MOUNTING ALT7KW
76	046526	3	WASHER LOCK M10
77	022511	3	SCREW HHC 3/8-16 X 1-1/4 G5
78	030209	1	SCREW HHC 5/16-24 X 1-1/4 G5
79	0H0919	1	ASSEMBLY, BRUSH VISION
80	0H0228C	1	WIRE ASSY RED SOL TO SOL
81	0H3049	1	COVER ALTERNATOR INLET (5-7 KW)
82	049226	3	LOCK WASHER M5
83	049815	3	SCREW HHC M5-0.8 X 16 G8.8
84	051713	2	FLAT WASHER M5
85	0H4218	2	HARNESS ENGINE GH410 XG ES
86	0742600188	1	BATTERY CABLE
87	0742600192	1	BATTERY CABLE
88	0H5762	1	FUEL LINE FORMED VLV TO ENG XG
89	045771	2	NUT HEX M8-1.25 G8 CLEAR ZINC
90	0H2565	1	WELDMENT,TANK,FUEL,XG 9GAL
91	0G8486	1	CAP NUT 5/16-18 ZBC
92	0H1610	4	INSERT, ANTI-CRUSH FOR TANKS