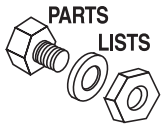




Parts Manual

GH-410
Generator Engine
60 Hz Electric Start
Model: 005233-0

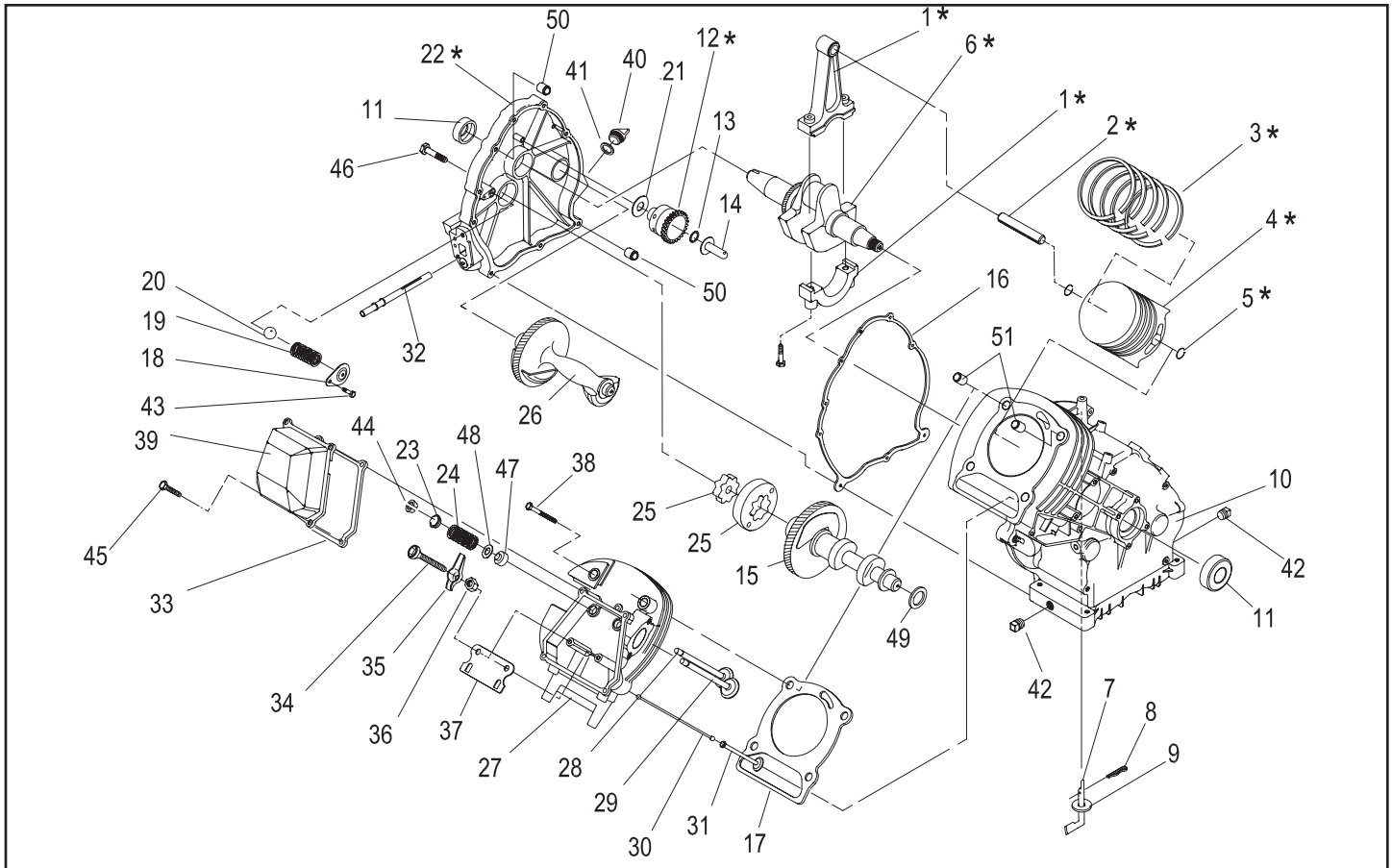
GENERAC® POWER SYSTEMS, INC.
757 NORTH NEWCOMB ROAD
WHITEWATER, WI. 53190



Exploded Views and Parts Lists

GH-410 Engine

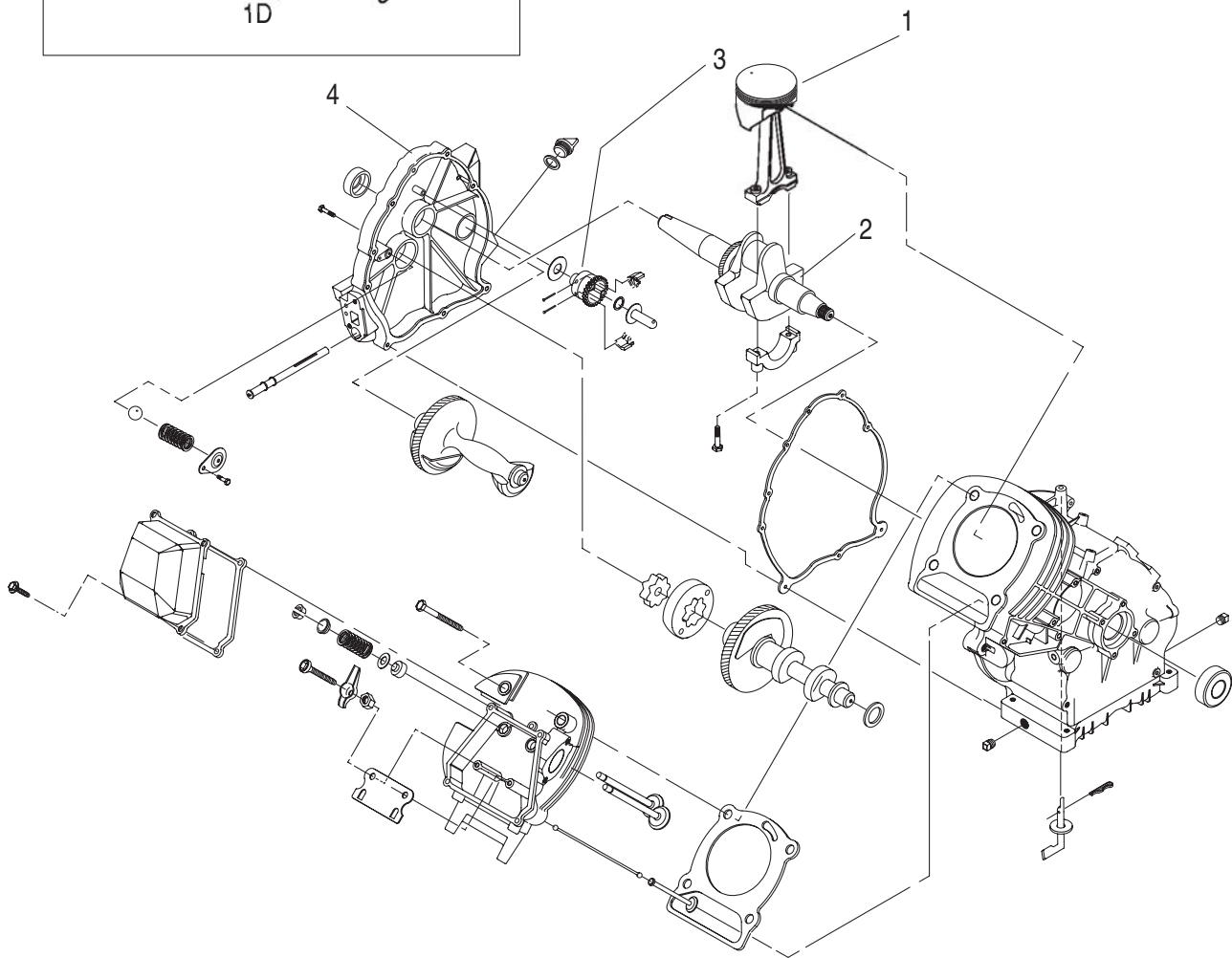
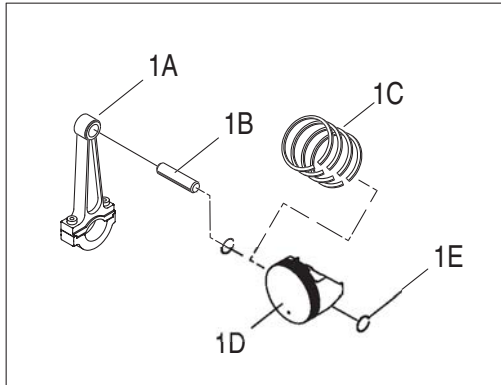
Longblock, Large Frame Common Parts – Drawing No. 0C3885A-A



ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1	*	1	ASSEMBLY, CONNECTING ROD	27	021714	1	ASSY, CYL HEAD W/GUIDES & SEATS
2	*	1	PIN, PISTON D20	28	086516	1	VALVE, EXHAUST
3	*	1	PISTON RING SET	29	086517	1	VALVE, INTAKE
4	*	1	PISTON	30	0D9853B	2	PUSH, ROD
5	*	2	RETAINER, PISTON PIN	31	083897	2	TAPPET
6	*	1	ASSEMBLY, CRANKSHAFT	32	077158	1	ASSEMBLY, OIL PICK-UP SCREEN
7	0A7628	1	ARM, GOVERNOR RC45	33	0C3150	1	GASKET, ROCKER COVER 410
8	078658	1	PIN, "R" GOVERNOR ARM	34	072694	2	STUD, D20 PIVOT BALL
9	078659	2	WASHER, GOV ARM THRUST	35	083907	2	ARM, SOLID ROCKER
10	088261E	1	ASS'Y, CRANKCASE W/PLUGS GN410	36	0D3998	2	NUT, HEX M8-1.0 G8 YELLOW CHROME
11	0E3812	2	SEAL, 35 I.D. CRANKSHAFT	37	078694	1	PLATE, PUSH ROD GUIDE
12	*	1	ASSEMBLY, GOVERNOR GEAR	38	021742	4	SCREW, HHFL M10-1.5 X 105
13	078645	1	C-RING, GOVERNOR GEAR RETAINER	39	0D6094	1	ASSEMBLY, ROCKER COVER BREATHER
14	0A7811	1	SPOOL, GOVERNOR-MACHINED	40	076329	1	PLUG, OIL FILL PLASTIC
15	0A9877	1	ASSEMBLY, CAMSHAFT & GEAR	41	0E0057	1	O-RING, 17.8 I.D. X 2.4 THICK
16	076701	1	GASKET, CRANKCASE	42	0D4788	2	PLUG, STD PIPE 3/8 STEEL SQ HEAD
17	021713B	1	GASKET, HEAD 410	43	074908	1	SCREW, HHTT M5-0.8 X 10 BLACK PAINT
18	078691	1	COVER, OIL PRESSURE RELIEF	44	086515	4	KEEPER, VALVE SPRING
19	0A5771	1	SPRING, OIL RELIEF 360	45	078606	4	SCREW, SHC M6-1.0 X 12 W/LOCK WASHER
20	0A5776	1	BALL, DIA 11/32 PRESSURE LF	46	0A1442	8	SCREW, HHFC M8-1.25 X 42
21	076361	1	WASHER, THRUST GOVERNOR GEAR	47	078672	1	SEAL, VALVE STEM D7
22	*	1	ASSEMBLY, GEAR COVER	48	089673	2	WASHER, VALVE SPRING
23	0D2274	2	RETAINER, VALVE SPRING	49	0B2104	1	WASHER, LARGE SPRING
24	0C4391	2	SPRING, VALVE L-71.7N	50	078699B	2	SLEEVE, DOWEL PIN 12mm DIA.
25	086025	1	SET, GEROTOR 12 THICK	51	078699C	2	SLEEVE, DOWEL PIN 14mm DIA.
26	0E3341	1	BALANCER, MACHINED				

* See additional drawing for specific part number for this part.

ASSEMBLY, PISTON & CONROD
COMPLETE

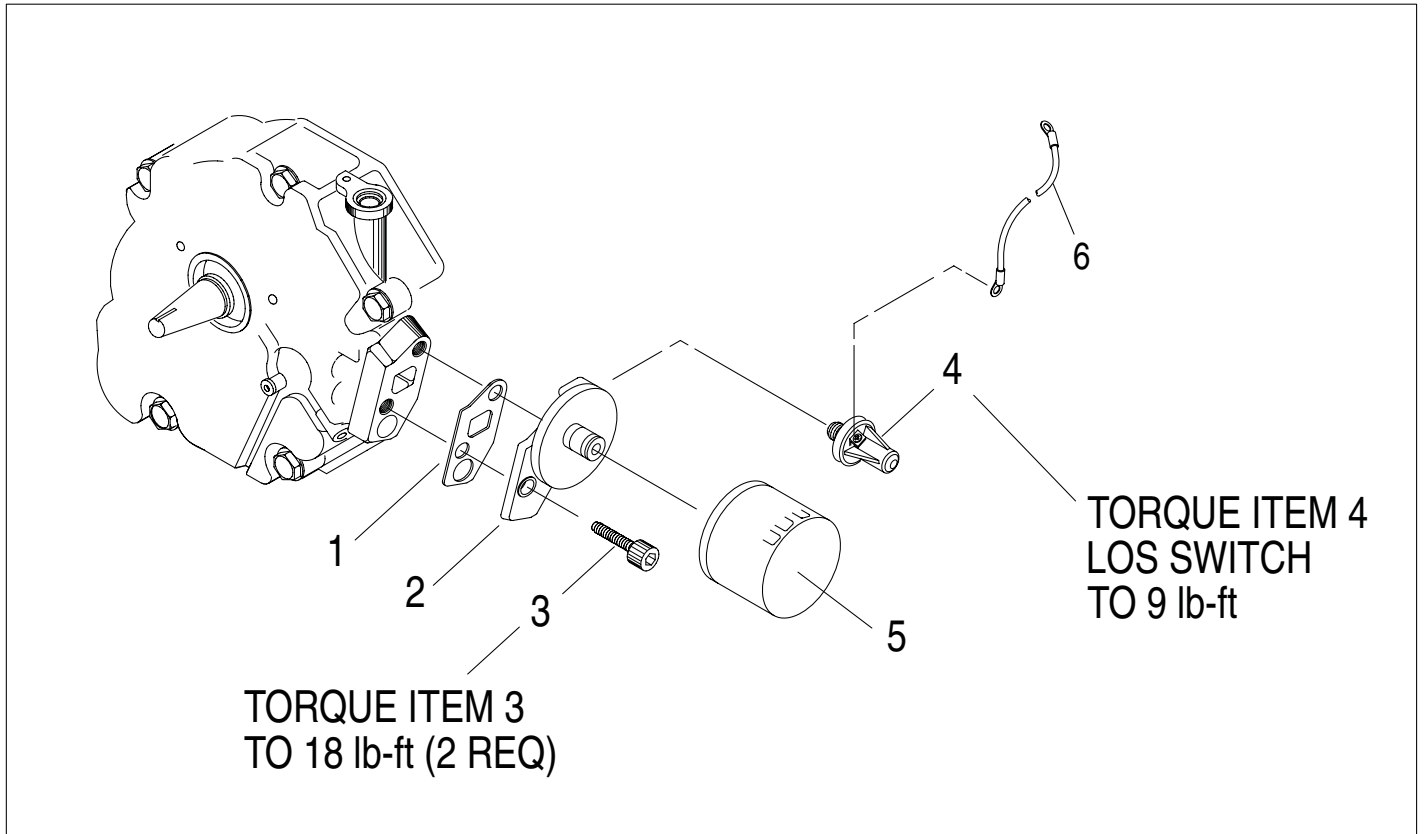


ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1	0D9241H	1	ASSEMBLY, PISTON, PIN, & CONROD HLC GH410	1E	071983	2	RETAINER, PISTON PIN 20
1A	0E3221	1	ASSEMBLY, CONNECTING ROD 360/410	2	0E8440	1	ASSEMBLY, CRANKSHAFT W/ 0E3505 CRANK
1B	0E1466	1	PIN, PISTON 20 DIA X 48 LG	3	0E6519	1	ASSEMBLY, GOVERNOR GEAR W/ STAMPED FLYWEIGHT
1C	021533	1	SET, PISTON RING 90mm DIA.	4	0A8898B	1	ASSEMBLY, GEAR COVER W/TAPER PLUGS
1D	0E2985	1	PISTON, 9.5:1 90mm DIA. LIGHTER				



Exploded Views and Parts Lists

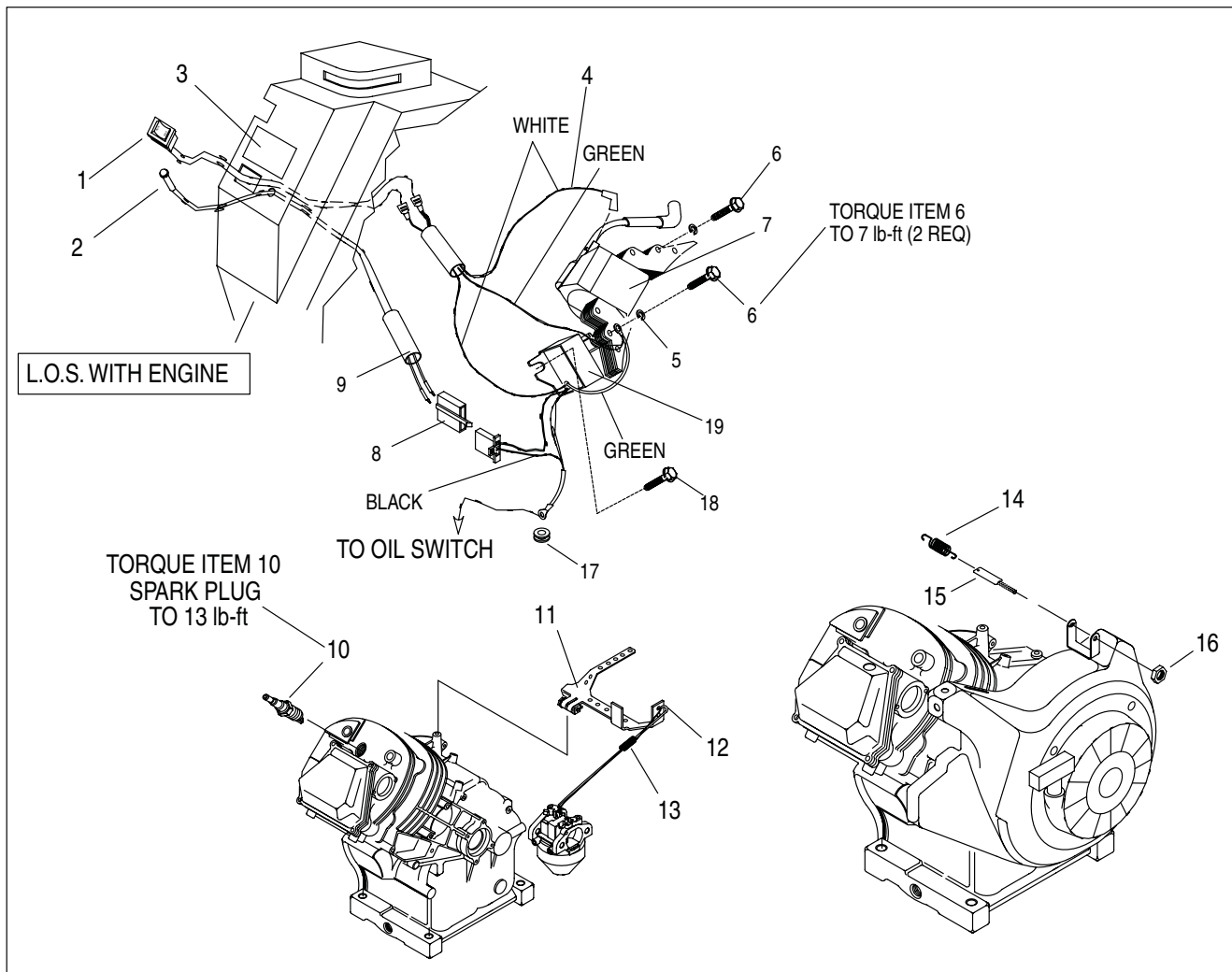
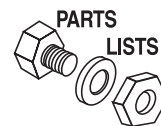
GH-410 Engine
Oil Filter Option – Drawing No. 0C3951G



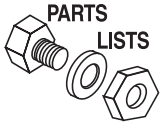
ITEM	PART NO.	QTY.	DESCRIPTION
1	086999	1	GASKET,OIL FILTER ADAPTOR
2	0D5667	1	ADAPTOR, OIL FILTER NO TAPPED HOLES
3	049821	2	SCREW, SHC M8-1.25 X 30 G12.9
4	0D9235	1	SWITCH, HOBBS OIL PRESSURE 5PSI
5	070185B	1	FILTER, OIL BLACK 75 LONG
6	087858N	1	ASSEMBLY, WIRE #0 – 4.5" LONG

Exploded Views and Parts Lists

GH-410 Engine
Idle Control Option – Drawing No. 0C3954B-B

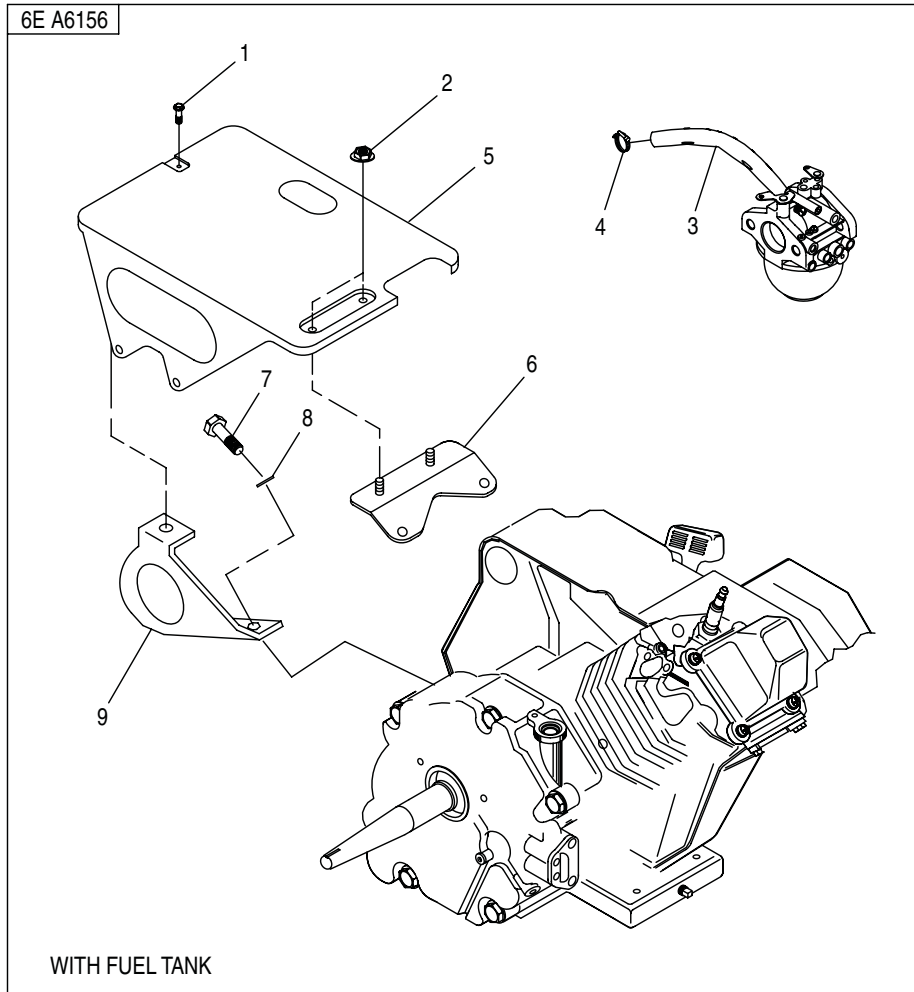
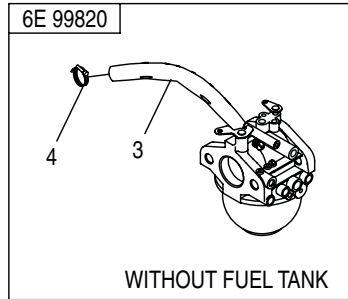


ITEM	PART NO.	QTY.	DESCRIPTION
1	078653	1	SWITCH, ENGINE RUN-STOP
2	085272	1	ASSEMBLY, LOW OIL INDICATOR
3	093104	1	DECAL, L.O.S. GN360 13HP
4	092981	1	ASSEMBLY, WIRE
5	022097	2	WASHER, LOCK M6-1/4
6	092079	2	SCREW, HHTT M6-1.0 X 25 BP
7	0D9760	1	ASSEMBLY, IGNITION COIL GN410
8	084329	1	HOUSING, MALE 3-PIN
9	085767	.525 FT	SLEEVING, UL #3- BLACK
10	0E7585	1	SPARK PLUG, CHAMPION RC14YC
11	072734	1	ASSEMBLY, GOVERNOR LEVER
12	072735	1	ROD, GOVERNOR CONTROL
13	0C3978	1	SPRING, ANTI-LASH
14	073100	1	SPRING, GOVERNOR 320/360/410
15	083502	1	BOLT, GOVERNOR ADJUSTMENT M5
16	082025	1	NUT, HEX LOCK M5-0.8 NYLON INSERT ZINC
17	022717B	1	GROMMET, 9/16 X 1/16 X 7/16
18	045756	1	SCREW, TAPTITE M6-1.0 X 10 YEL CHR
19	087221C	1	ASSEMBLY, LOS MODULE

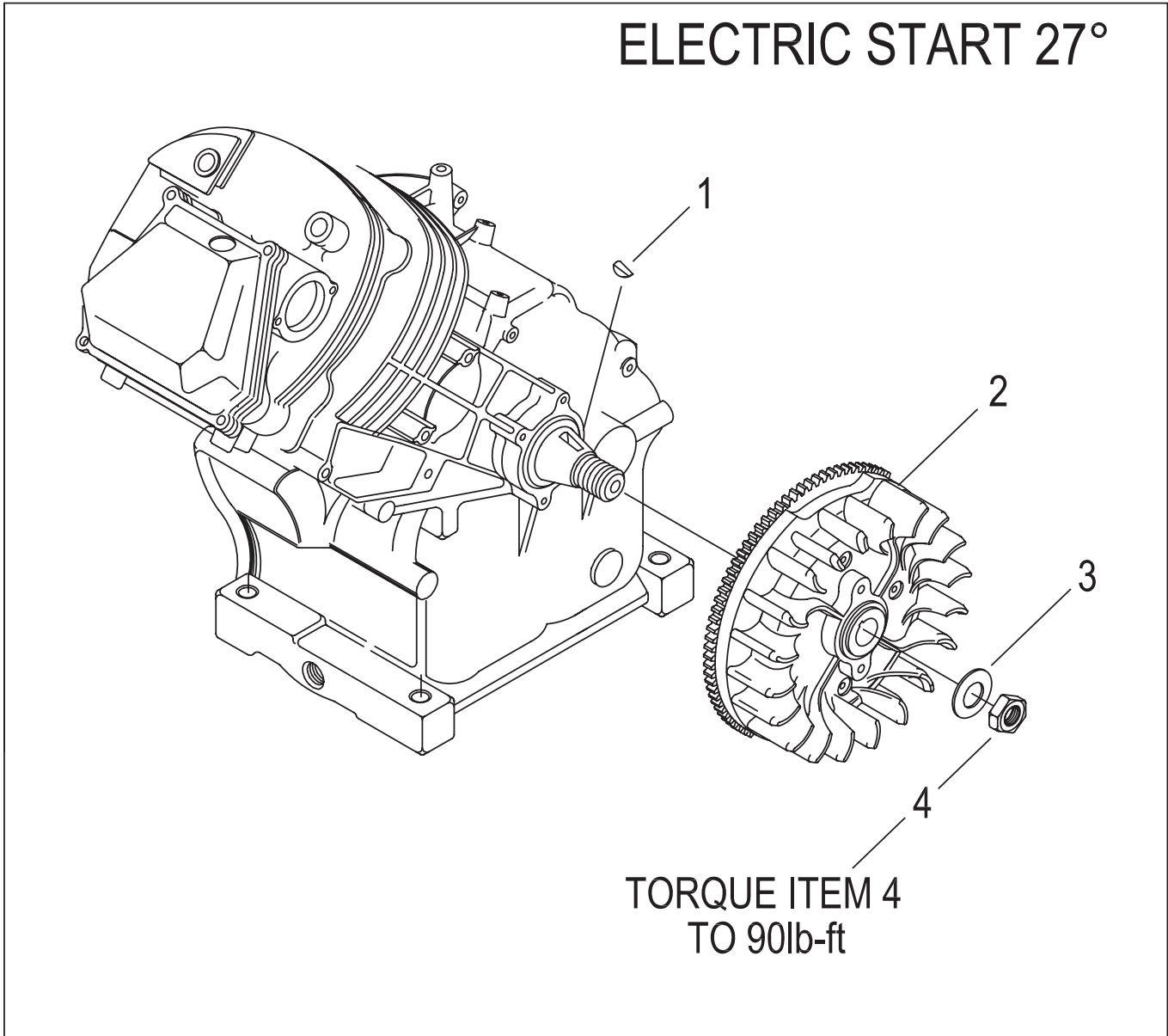
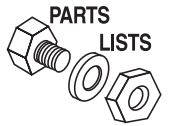


Exploded Views and Parts Lists

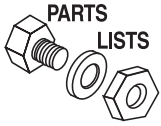
GH-410 Engine
Fuel Line Option – Drawing No. 0C3998A-A



ITEM	PART NO.	QTY.	DESCRIPTION
1	059012	1	SCREW HHFC M8-1.25 X 20
2	052858	2	NUT LOCK FLANGE M8-1.25
3	0F9176Q	1	HOSE .25ID SETIFLEX II BARRIER 6-1/2" LONG
4	048031C	2	CLAMP HOSE BAND 1/4
5	0B2348	1	CRADLE 2 GAL TANK
6	096083	1	BRACKET TANK CRADLE FRONT
7	040976	2	SCREW SHC M8-1.25 X 20 G12.9
8	022129	2	WASHER LOCK M8-5/16
9	096084	1	BRACKET TANK CRADLE REAR



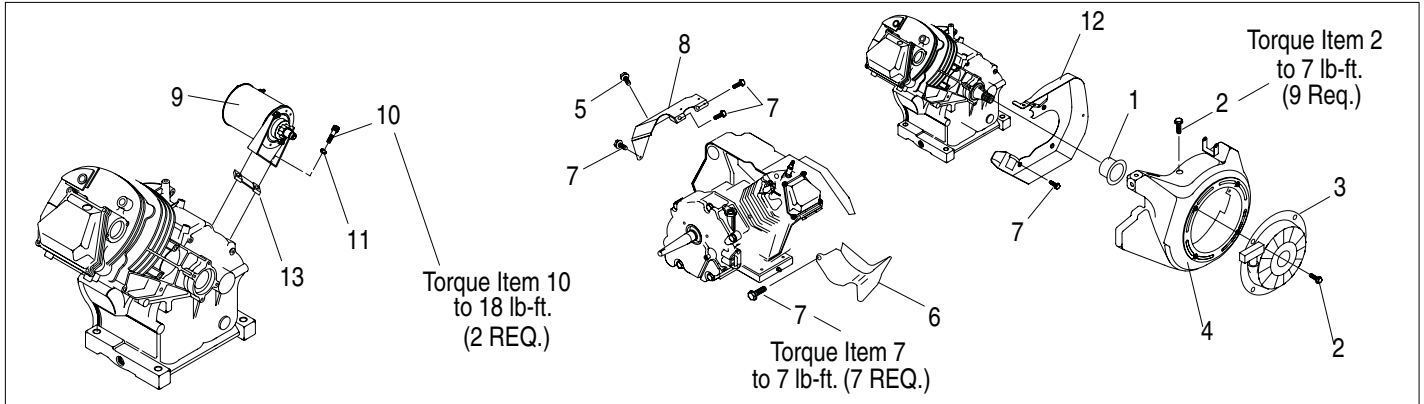
ITEM	PART NO.	QTY.	DESCRIPTION
1	082774	1	KEY, WOODRUFF 4 x 19D
2	091222C	1	ASSY, FLYWHEEL W/RING GEAR 27 DEGREE
3	067198N	1	WASHER, BELV-20 X 2.2
4	067890	1	NUT, HEX - FLYWHEEL



Exploded Views and Parts Lists

GH-410 Engine

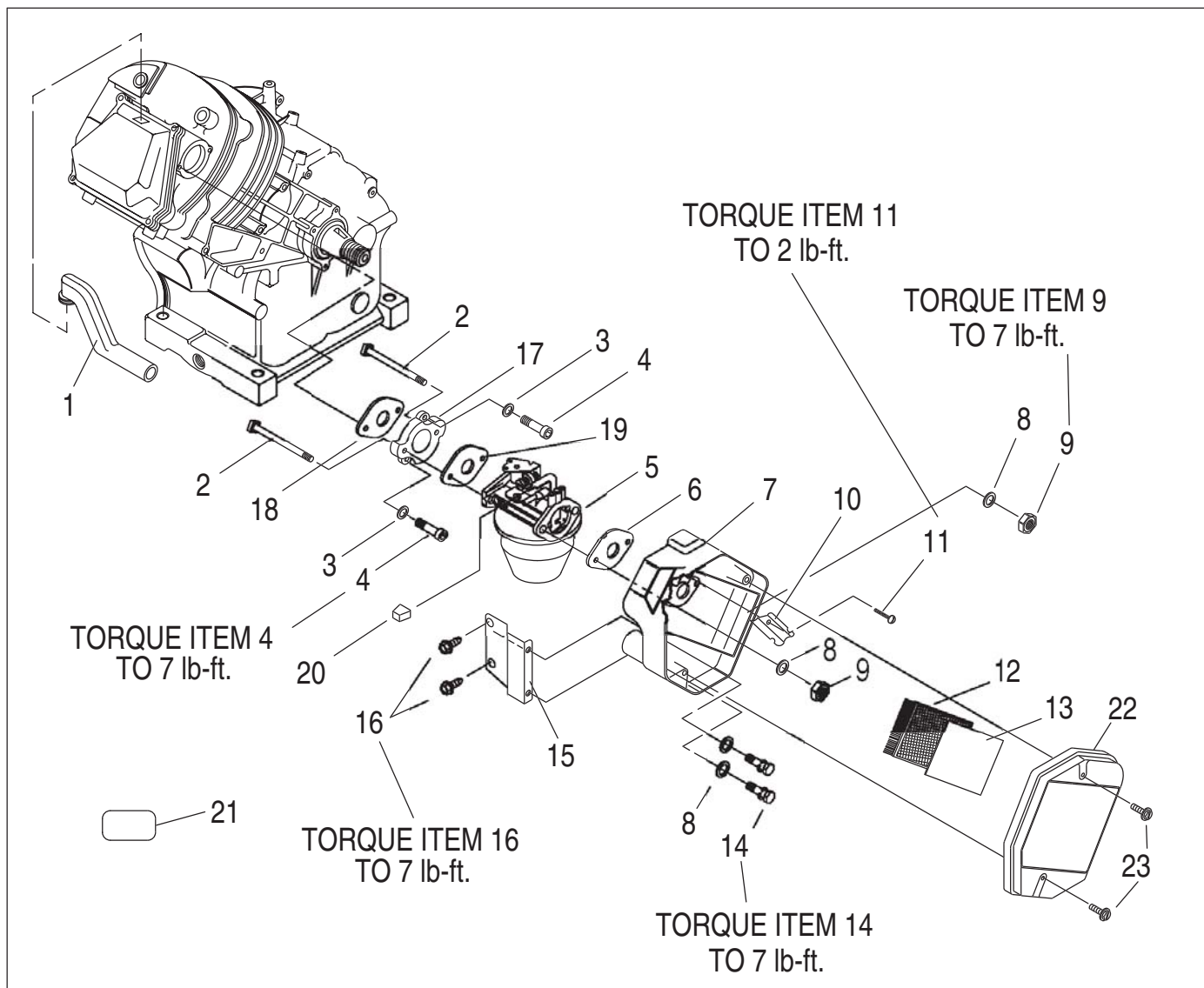
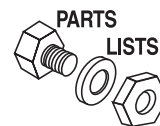
Trim Group, Electric Start – Drawing No. 0C4130A-A



ITEM	PART NO.	QTY.	DESCRIPTION
1	0E9521	1	PULLEY, STARTER GT530
2	0C1069	9	SCREW, HHTT M6-1.0 X 8 YELLOW CHROME
3	0E9483	1	RECOIL STARTER GT530
4	092437	1	ASSEMBLY, BLOWER HOUSING
5	083512	1	SCREW, HHTT M8-1.25 X 16 YELLOW CHROME
6	088434	1	WRAPPER, BOTTOM 12HP HS
7	045756	7	SCREW, HHTT M6-1.0 X 10 YELLOW CHROME
8	0C4176A	1	WRAPPER, TOP REGULAR STEEL
9	0D9004A	1	ASSEMBLY, STARTER 46
10	059985	2	SCREW, SHC M8-1.25 X 45 G12.9
11	022129	2	WASHER, LOCK M8-5/16
12	073116A	1	BACKPLATE, W/ELECTRIC START
13	0C4373	1	SPACER, ENDFRAME GH410

Exploded Views and Parts Lists

**GH-410 Engine
Carburetor Option – Drawing No. 0C4165A-A**



ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1	0D7199A	1	HOSE, BREATHER 410 HS	13	081646	1	PRECLEANER, AIR FILTER
2	081647	2	BOLT, CARBURETOR MOUNTING	14	079246	2	SCREW, HHC M6-1.0 X 16 W/LOCK WASHER
3	093873	2	WASHER, LOCK M6 RIBBED	15	090827	1	BRACKET, AIR CLEANER
4	040945	2	SCREW, SHC M6-1.0 X 20 G12.9 ZINC PLATED	16	045756	2	SCREW, HHTT M6-1.0 X 10 YELLOW CHROME
5	0A4600	1	CARBURETOR, 410HS	17	091028	1	ADAPTER, "K"
6	090970	1	GASKET, AIR CLEANER	18	091039	*	GASKET, INTAKE ADAPTER
7	073108A	1	BASE, AIR CLEANER	19	089228	1	GASKET, CARBURETOR/MANIFOLD
8	049811	4	WASHER, FLAT M6	20	083504	1	KNOB, CHOKE LEVER
9	0B2236	2	NUT, HEX LOCK M6-1.0 NYLON INSERT	21	0D8054A	1	DECAL, EMISSION 2GNXS.4072GA
10	091204	1	PLATE, SPITBACK	22	073104B	1	COVER, AIR CLEANER 13GN
11	059635	1	PLASTITE, SC #8 X .37 LONG	23	078609	2	BOLT, AIR CLEANER COVER
12	073111	1	ELEMENT, AIR FILTER				

GENERAC[®]
POWER SYSTEMS, INC.

Part No. OE7300D

Revision A (11/21/05)

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