

ONYX

TECHNOLOGY POWERING A CLEANER FUTURE

LX850 **LX900**

852cc PROPANE ENGINE ILLUSTRATED PARTS LIST

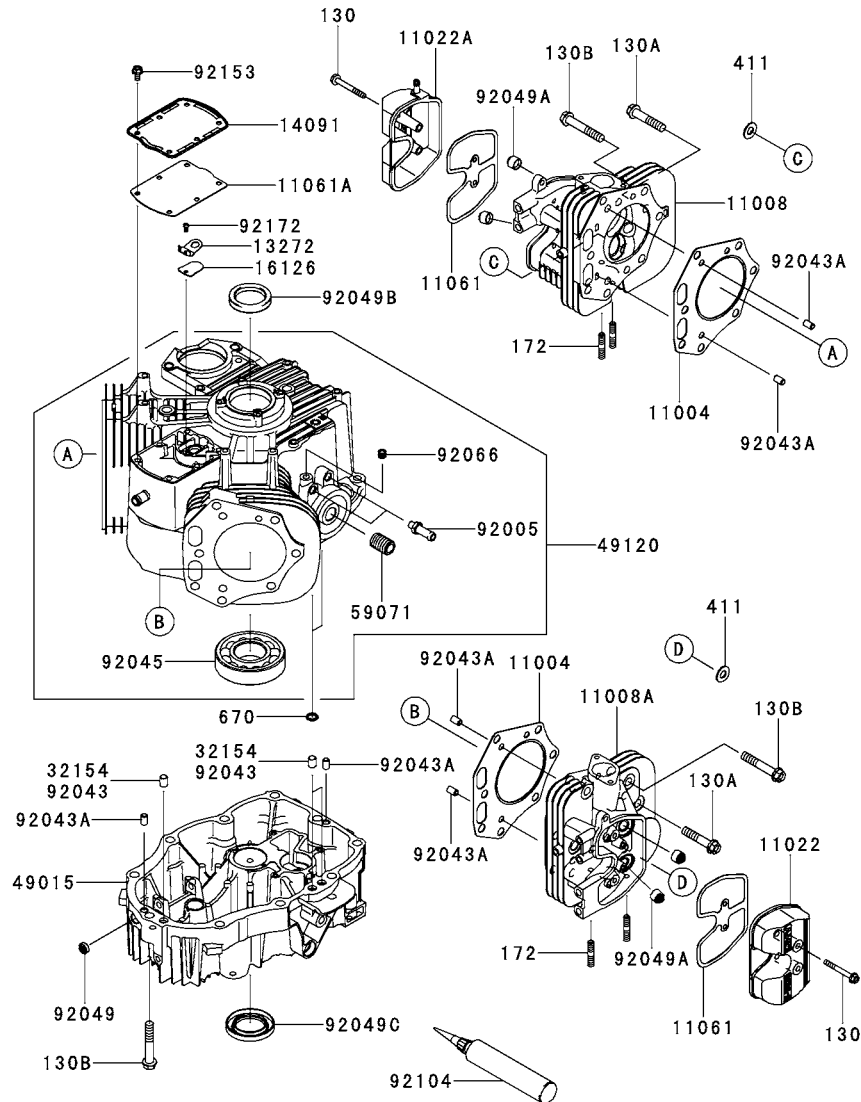


Parts & Service:

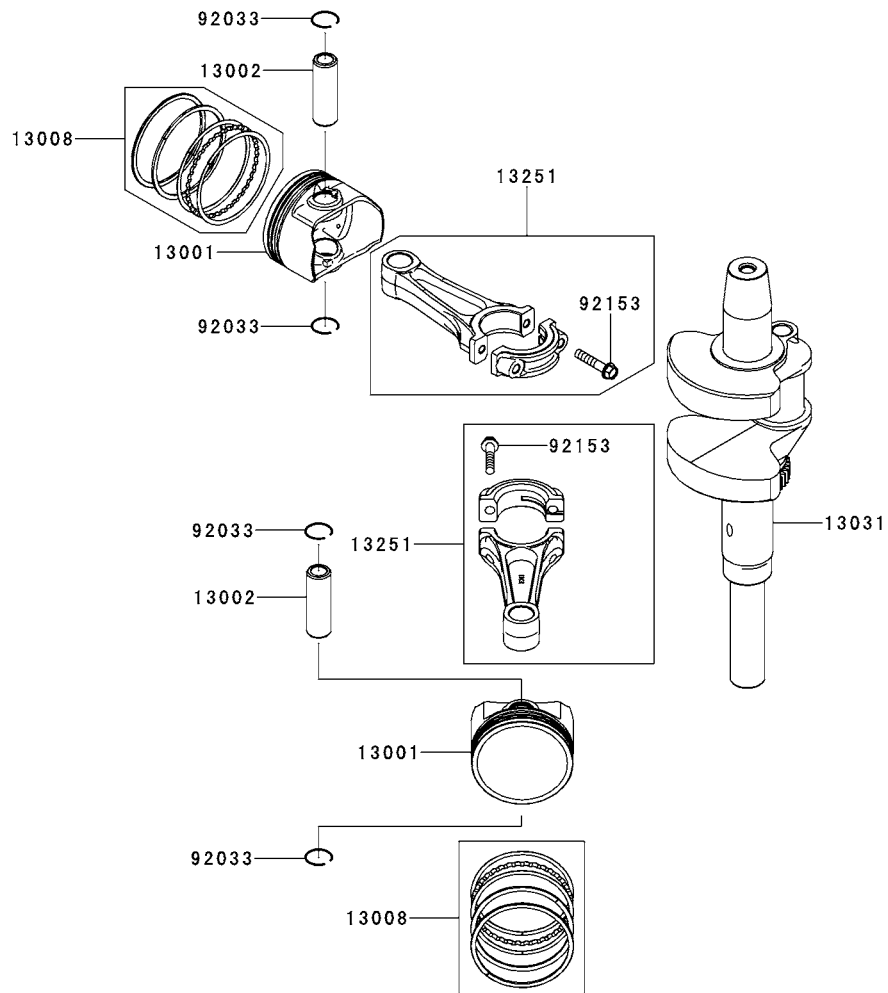
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W11338_Rev C
20221028 SJA

CYLINDER/CRANKCASE



Ref.	Part No.	Description	Quantity
11004	11004-7025	GASKET-HEAD	2
11008	11008-1462	HEAD-COMP-CYLINDER,#1	1
11008A	11008-0937	HEAD-COMP-CYLINDER,#2	1
11022	11022-0050	CASE-ROCKER,#2	1
11022A	11022-6013	CASE-ROCKER,#1	1
11061	11061-0899	GASKET,CASE-ROCKER	2
11061A	11061-7081	GASKET,BREATHER	1
13272	13272-1374	PLATE	1
14091	14091-7060	COVER,BREATHER	1
16126	16126-7020	VALVE,BREATHER	1
32154	32154-7019	PIPE	*
49015	49015-7088	COVER-CRANKCASE	1
49120	49120-0843	CRANKCASE-COMP	1
59071	59071-7025	JOINT	1
92005	92005-0771	FITTING	2
92043	92043-0858	PIN	3
92043A	92043-1263	PIN,6.2X8X14	6
92045	92045-0712	BEARING-BALL,6308	1
92049	92049-7019	SEAL-OIL,SO 8X14X5 HS	1
92049A	92049-7020	SEAL-OIL,7X15X13	4
92049B	92049-7024	SEAL-OIL,SD 40X54X9 R HS	1
92049C	92049-7026	SEAL-OIL,SD 40X62X8 L VS	1
92066	92066-0762	PLUG	1
92104	92104-0007	GASKET-LIQUID,TB1217H	AR
92153	92153-7043	BOLT,6X12	6
92172	92172-0870	SCREW,4X8	1
130	130BA0650	BOLT-FLANGED,6X50	4
130A	130CA1050	BOLT-FLANGED,10X50	2
130B	130CA1060	BOLT-FLANGED,10X60	20
172	172BA0822	BOLT-STUD,8X22	4
411	411AA1000	WASHER-PLAIN,10MM	2
670	670B2011	O RING,11MM	2

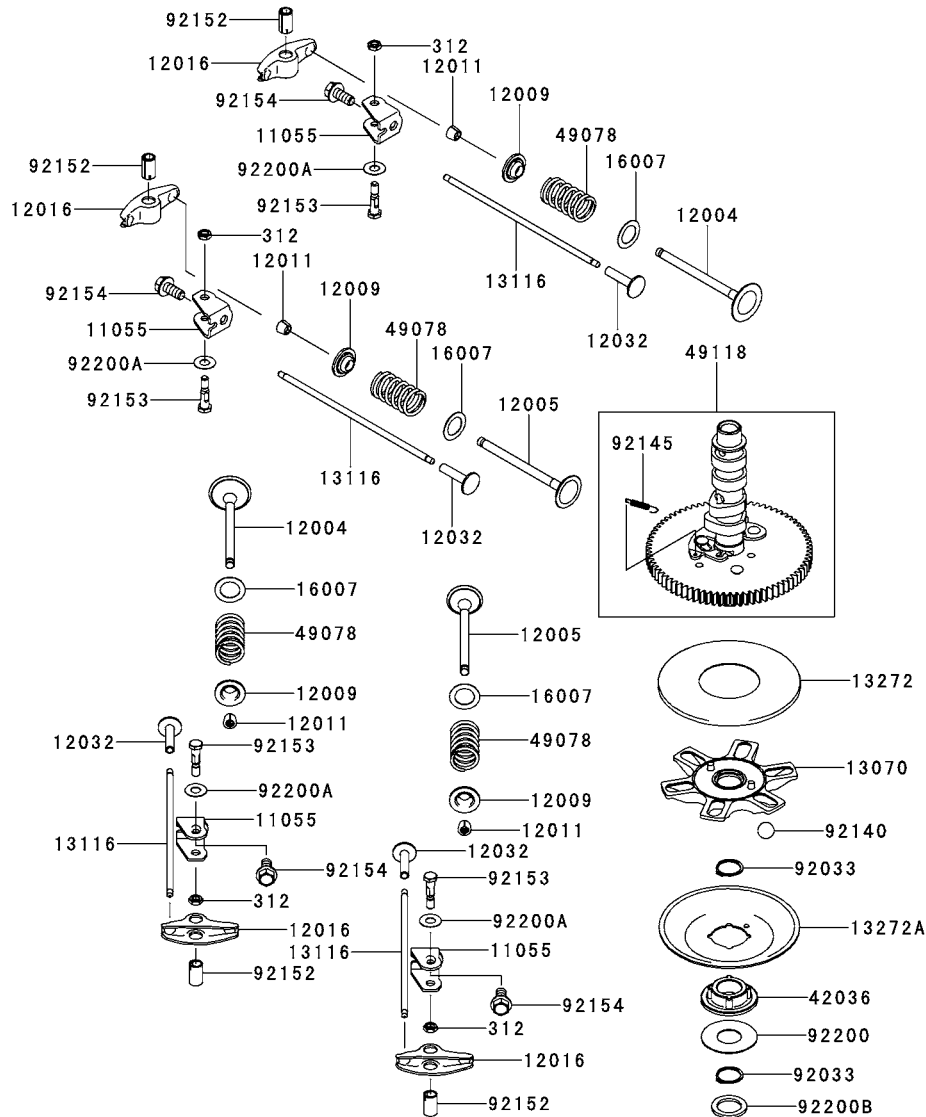


This fig. covers:

PISTON/CRANKSHAFT

Ref.	Part No.	Description	Quantity
13001	13001-7025	PISTON-ENGINE	2
13002	13002-7005	PIN-PISTON	2
13008	13008-6069	RING-SET-PISTON	2
13031	13031-7079	CRANKSHAFT-COMP	1
13251	13251-0722	ROD-ASSY-CONNECTING	2
92033	92033-0724	RING-SNAP	4
92153	92153-2054	BOLT,7X35.2	4

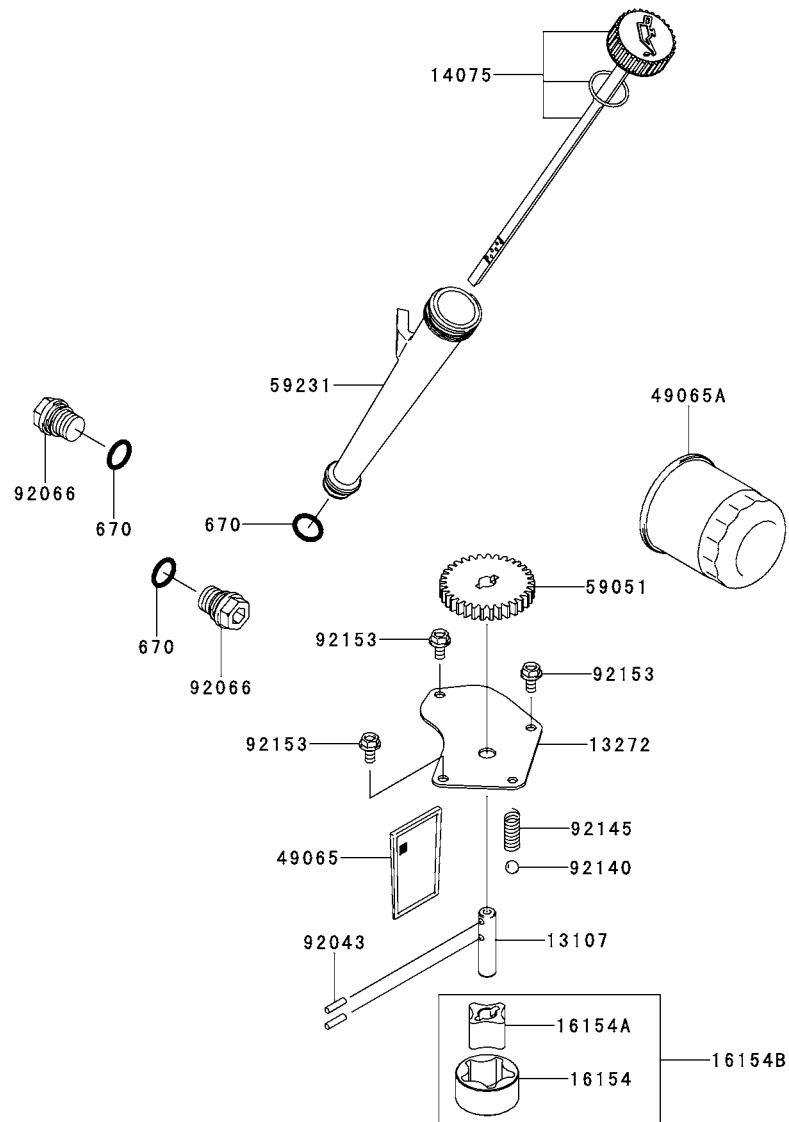
VALVE/CAMSHAFT



Ref.	Part No.	Description	Quantity
11055	11055-7009	BRACKET	4
12004	12004-0722	VALVE-INTAKE	2
12005	12005-0730	VALVE-EXHAUST	2
12009	12009-7004	RETAINER-VALVE SPRING	4
12011	12011-2052	COLLET	8
12016	12016-0037	ARM-ROCKER	4
12032	12032-7001	TAPPET	4
13070	13070-0758	GUIDE	1
13116	13116-7006	ROD-PUSH	4
13272	13272-7002	PLATE	1
13272A	13272-7003	PLATE,GOVERNOR	1
16007	16007-0709	SEAT-SPRING	4
42036	42036-7019	SLEEVE	1
49078	49078-7008	SPRING-ENGINE VALVE	4
49118	49118-7026	CAMSHAFT-COMP	1
92033	92033-0728	RING-SNAP	2
92140	92140-7005	BALL	6
92145	92145-1653	SPRING	1
92152	92152-1689	COLLAR	4
92153	92153-7100	BOLT,6X29.5	4
92154	92154-1267	BOLT,8X18.2	4
92200	92200-0946	WASHER,20X46X0.91	1
92200A	92200-2151	WASHER,8.1X18X0.5	4
92200B	92200-7044	WASHER,20.3X29X2.28	1
312	312AA0600	NUT-HEX,6MM	4

This fig. covers:

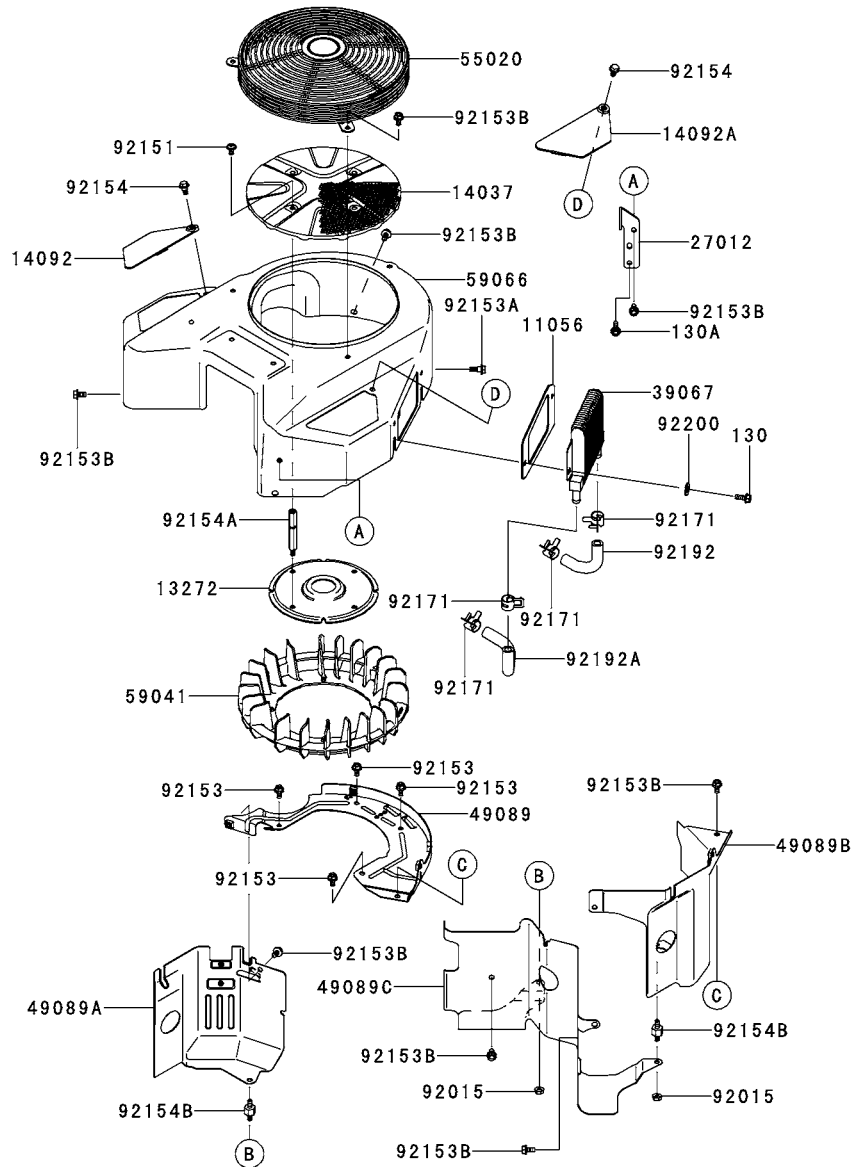
LUBRICATION-EQUIPMENT



Ref.	Part No.	Description	Quantity
13107	13107-0749	SHAFT	1
13272	13272-7005	PLATE	1
14075	14075-0049	Oil Dipstick & Cap	1
16154	16154-1075	ROTOR-PUMP, OUTER	1
16154A	16154-1076	ROTOR-PUMP, INNER	1
16154B	16154-1079	ROTOR-PUMP	1
49065	49065-7004	FILTER-OIL	1
49065A	49065-7010	FILTER-OIL	1
59051	59051-7011	GEAR-SPUR	1
59231	59231-7014	FILLER / DIPSTICK TUBE	1
92043	92043-7003	PIN	2
92066	92066-0774	PLUG	2
92140	92140-7003	BALL, STEEL, 13/32	1
92145	92145-1658	SPRING	1
92153	92153-7043	BOLT, 6X12	3
670	670D2016	O RING, 16MM	3

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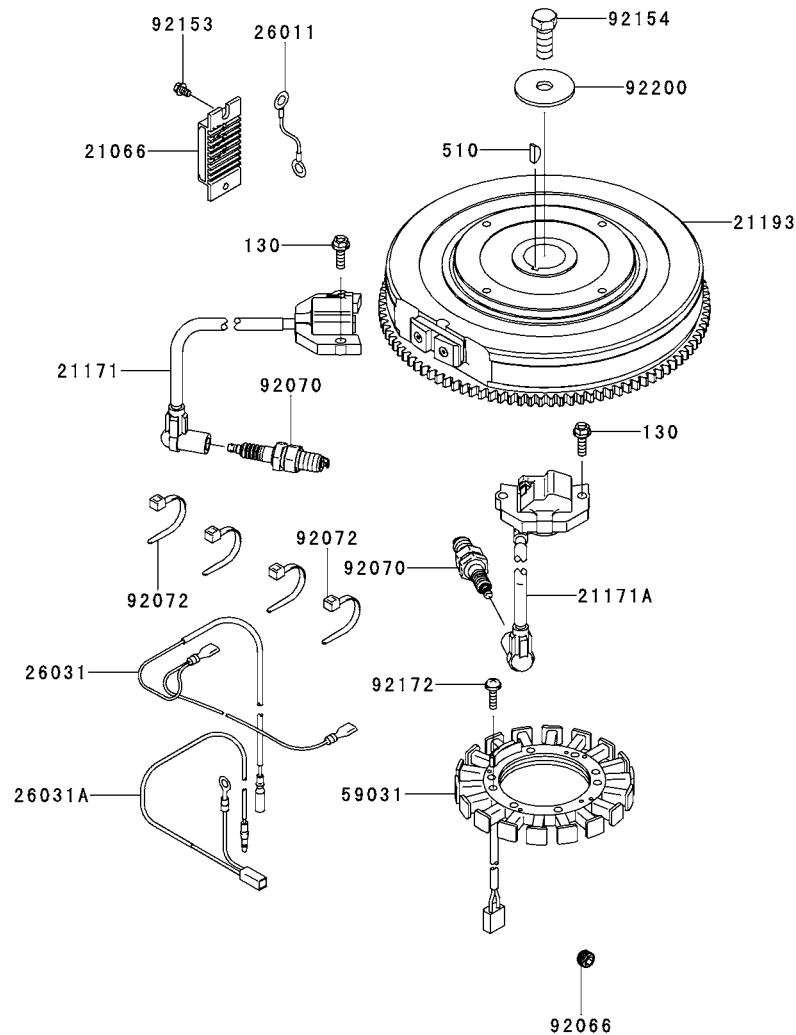
COOLING-EQUIPMENT



Ref.	Part No.	Description	Quantity
11056	11056-7280	BRACKET	1
13272	13272-1486	PLATE, FAN	1
14037	14037-0844	SCREEN	1
14092	14092-1039	COVER	1
14092A	14092-1040	COVER	1
27012	27012-7009	HOOK, LIFT	1
39067	39067-0024	COOLER-OIL	1
49089	49089-0866	SHROUD-ENGINE, BACK	1
49089A	49089-0873	SHROUD-ENGINE, #1	1
49089B	49089-0874	SHROUD-ENGINE, #2	1
49089C	49089-7067-753	SHROUD-ENGINE, V-BANK	1
55020	55020-2353	GUARD	1
59041	59041-7019	FAN	1
59066	59066-0740	HOUSING-FAN	1
92015	92015-1367	NUT, FLANGED, 6MM	2
92151	92151-7012	BOLT, 6X12	4
92153	92153-0010	BOLT, FLANGED, 6X12	4
92153A	92153-7007	BOLT, FLANGED, 6X16	1
92153B	92153-7043	BOLT, 6X12	10
92154	92154-1119	BOLT	2
92154A	92154-1151	BOLT	4
92154B	92154-1662	BOLT	2
92171	92171-7015	CLAMP	4
92192	92192-1448	TUBE	1
92192A	92192-1449	TUBE	1
92200	92200-2035	WASHER, 6.5X18X2.0	2
130	130BA0616	BOLT-FLANGED, 6X16	2
130A	130BA0620	BOLT-FLANGED, 6X20	1

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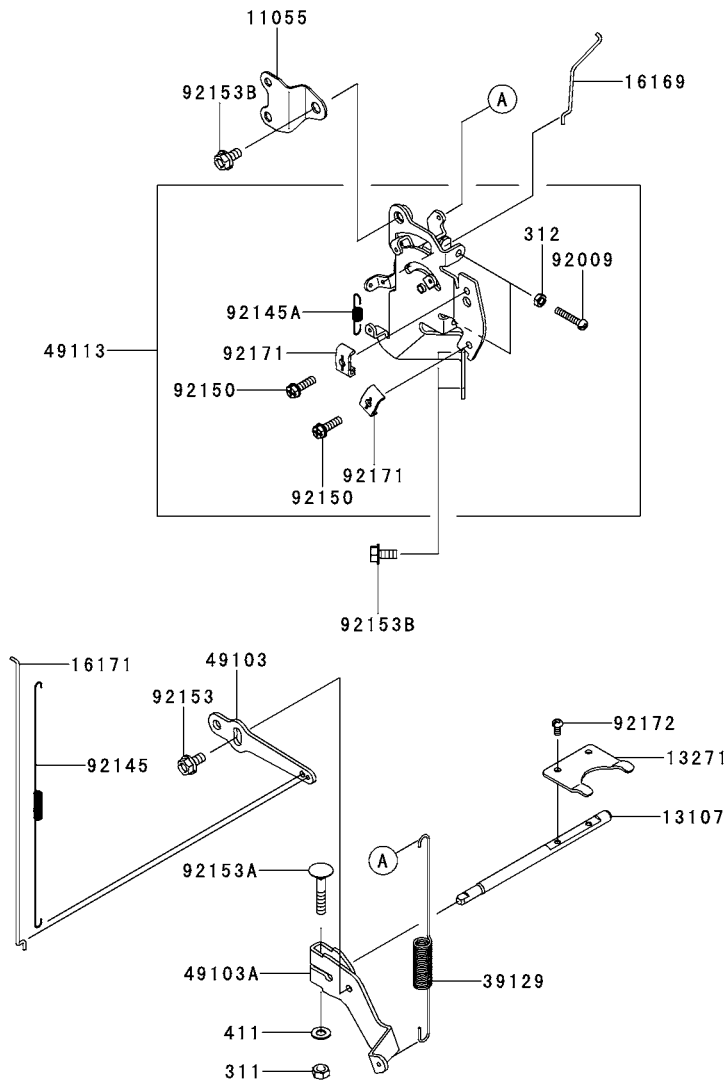
ELECTRIC-EQUIPMENT



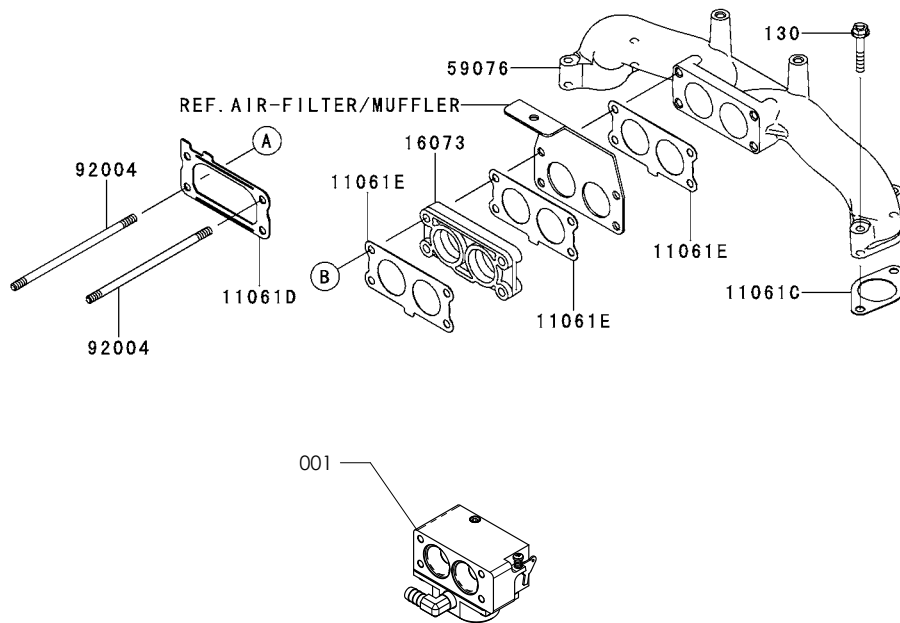
Ref.	Part No.	Description	Quantity
21066	21066-0740	REGULATOR-VOLTAGE	1
21171	21171-0743	COIL-ASSY-IGNITION,#1 CYL	1
21171A	21171-0744	COIL-ASSY-IGNITION,#2 CYL	1
21193	21193-0015	FLYWHEEL-ASSY	1
26011	26011-2234	WIRE-LEAD	1
26031	26031-7033	HARNESS	1
26031A	26031-7034	HARNESS	1
59031	59031-7017	COIL-CHARGING	1
92066	92066-0762	PLUG	1
92070	KBPR4ES	PLUG-SPARK,BPR4ES(NGK),SOLID	2
92072	92072-7003	BAND	4
92153	92153-7029	BOLT	2
92154	92154-7003	BOLT,12X30	1
92172	92172-7018	SCREW,5X20	4
92200	92200-7040	WASHER,12.2X46X3	1
130	130BA0620	BOLT-FLANGED,6X20	4
510	510A5100	KEY-WOODRUFF	1

This fig. covers:

CONTROL-EQUIPMENT



Ref.	Part No.	Description	Quantity
11055	11055-7001	BRACKET	1
13107	13107-7047	SHAFT,GOVERNOR	1
13271	13271-7038	PLATE	1
16169	16169-0007	LINK-CHOKE	1
16171	16171-0032	LINK	1
39129	39129-0008	SPRING-GOVERNOR	1
49103	49103-7012	ARM-GOVERNOR	1
49103A	49103-7018	ARM-GOVERNOR	1
49113	49113-0007	PANEL-COMP-CONTROL	1
92009	92009-2381	SCREW,5X30	2
92145	92145-1647	SPRING	1
92145A	92145-7044	SPRING	1
92150	92150-2182	BOLT,5X18	2
92153	92153-0009	BOLT,6X12	1
92153A	92153-7033	BOLT,6X35	1
92153B	92153-7043	BOLT,6X12	3
92171	92171-7018	CLAMP	2
92172	92172-7033	SCREW,4X8	2
311	311AA0600	NUT-HEX,6MM	1
312	312AA0500	NUT-HEX,5MM	2
411	411AA0600	WASHER-PLAIN,6MM	1

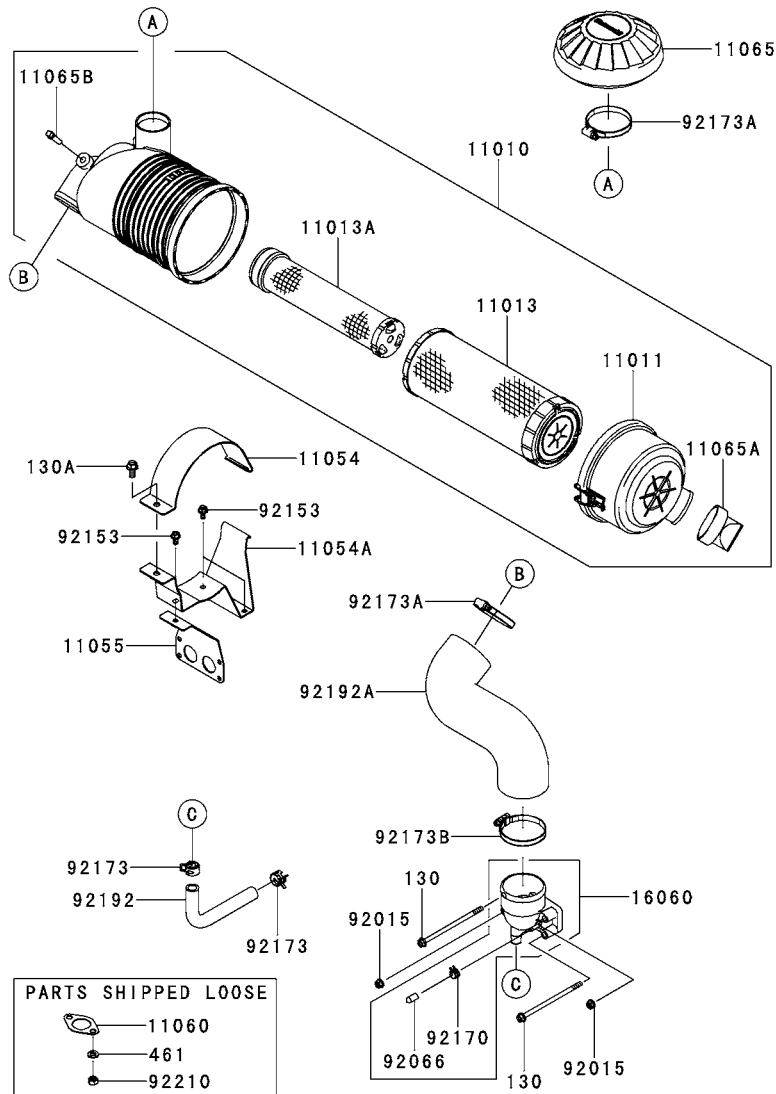


This fig. covers:
CARBURETOR

Ref.	Part No.	Description	Quantity
11061C	11061-7070	GASKET,HEAD/MANIFOLD	2
11061D	11061-7091	GASKET,CARBURETOR/PIPE	1
11061E	11061-7092	GASKET,CARBURETOR/MANIFOLD	3
59076	59076-7013	MANIFOLD-INTAKE	1
92004	92004-7028	STUD,6X120	2
16073	16073-7011	INSULATOR	1
001 (A)	W11279	Carburetor Assembly - LX850	1
001 (B)	W10790	Carburetor Assembly - LX900	1

This fig. covers:

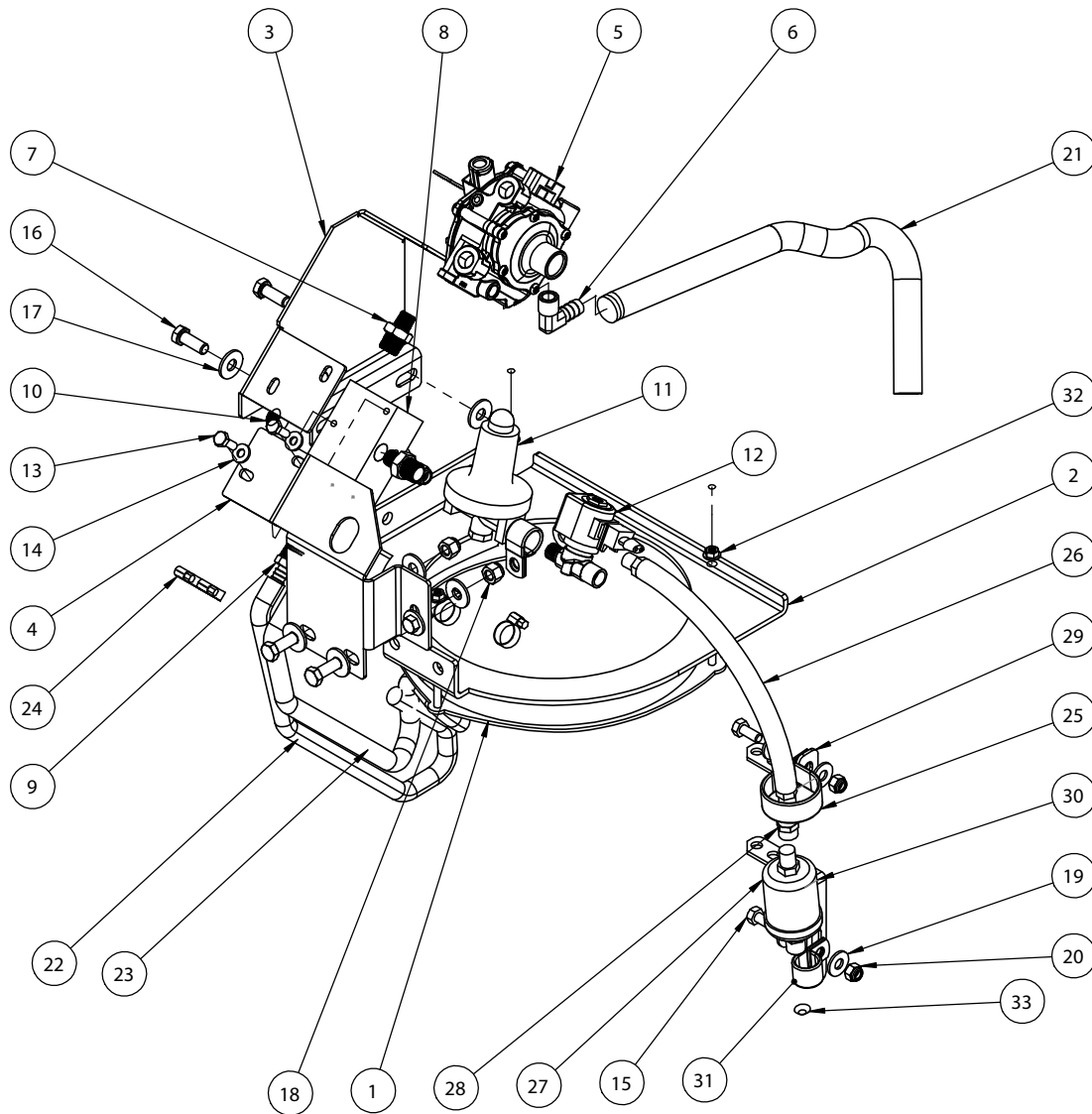
AIR-FILTER/MUFFLER



Ref.	Part No.	Description	Quantity
11010	11010-7028	FILTER-ASSY-AIR	1
11011	11011-7056	CASE-AIR FILTER	1
11013	11013-7044	ELEMENT-AIR FILTER	1
11013A	11013-7045	ELEMENT-AIR FILTER	1
11054	11054-7013-9X	BRACKET	1
11054A	11054-7016-9X	BRACKET	1
11055	11055-7007-9X	BRACKET	1
11060	11060-7016	GASKET,MUFFLER	2
11065	11065-1384	CAP, RAIN HOOD	1
11065A	11065-7034	CAP	1
11065B	11065-7032	CAP	1
16060	16060-0723	PIPE-INTAKE	1
92015	92015-1367	NUT,FLANGED,6MM	2
92066	92066-0095	PLUG	1
92153	92153-7043	BOLT,6X12	3
92170	92170-2042	CLAMP	1
92173	92173-7003	CLAMP	2
92173A	92173-7010	CLAMP	2
92173B	92173-7011	CLAMP	1
92192	92192-7086	TUBE,12.6X18.6X124.6	1
92192A	92192-1928	TUBE,AIR-FILTER	1
92210	92210-7027	NUT,M8	4
130	130AA06120	BOLT-FLANGED,6X120	2
130A	130BA0816	BOLT-FLANGED,8X16	1
461	461DA0800	WASHER-SPRING,8MM	4

This fig. covers: LX900 Engines produced before December 2022

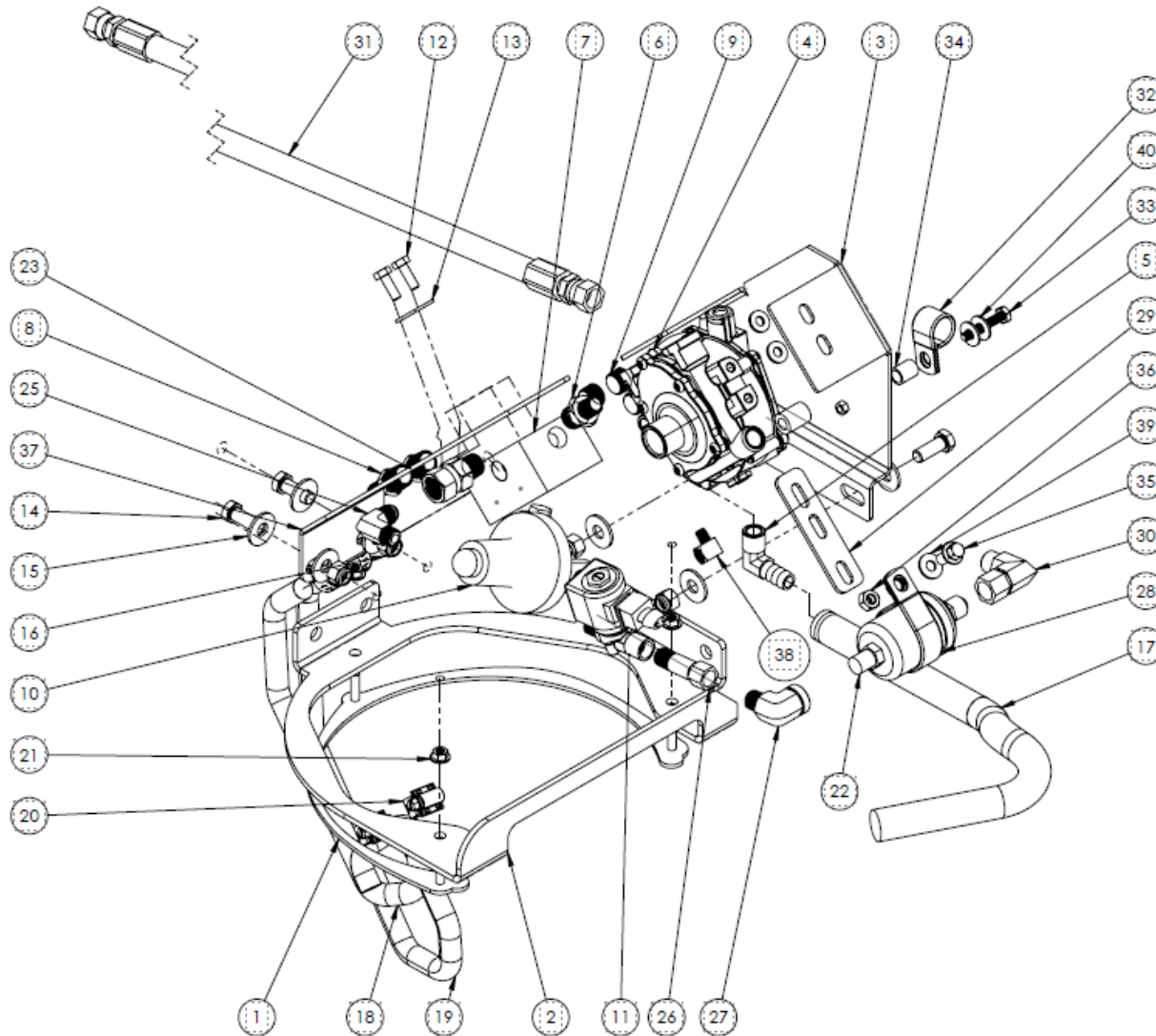
PROPANE REGULATOR (LX900 MODELS)



ITEM NO.	PART NUMBER	DESCRIPTION
1	W12326	Under Mount Support Plate
2	W11270	Ring Plate Mount
3	W11271	Regulator Mount
4	W11272	Filter Mount Bracket
5	W10775	T-60 REGULATOR G-SE-T60
6	F69947	3/8" MPT x 90 DEG. x 1/2" BARB
7	F421456	Hex Nipple - 1/4 MNPT x 3/8 MNPT
8	W11335	Heat Exchanger, Oil-Propane Evaporator
9	F69929	3/8 NPT Male x 3/8 Barb
10	F24134	3/8 NPT Socket Plug, Steel
11	W10769	LPG Regulator - 30 PSI Fixed Pressure
12	W10752	Propane Solenoid Shutoff Valve "Lockoff", 12V, brass, 1/4 NPT
13	F13003	Hex Cap Screw 1/4-20 x 3/4 Grade 5 Zinc
14	F33078	Flat Washer - 1/4 I.D. SAE Zinc
15	F13053	Hex Cap Screw 5/16-18 x 3/4 Grade 5 Zinc
16	F13105	Hex Cap Screw 3/8-16 x 1 Grade 5 Zinc
17	F33008	Flat Washer - 3/8 I.D. USS Zinc
18	F37024	Nut - 3/8-16 Nylock NE Zinc
19	F33006	Flat Washer - 5/16 I.D. USS Zinc
20	F37021	Nut - 5/16-18 Nylock NE Zinc
21	PT-W2660	1/2 in. LP 350 PSI HOSE
22	PT-10357	Oil Hose - 3/8 ID
23	PT-10357	Oil Hose - 3/8 ID
24	F62002	#4 5/8 - 1/4 X 5/16 MicroClamp
25	F0708821	P-C lamp - 1-3/4"
26	W2648-10.5	3/8 x 10.5" LP350 PSI Hose
27	W10782	LPG Automotive Filter - 3/8 Male Flare x 1/4 MNPT
28	F69836	High-Pressure Brass Pipe Fitting
29	W11374	Upper Fuel Filter Mounting Bracket
30	W11373	Lower Fuel Filter Mounting Bracket
31	F0447089	Vibration-Damping Loop Clamp
32	93033A101	18-8 Stainless Steel Flange Nut
33	W11390	Flare Gasket, 3/8, Copper

This fig. covers: LX900 Engines produced After December 2022

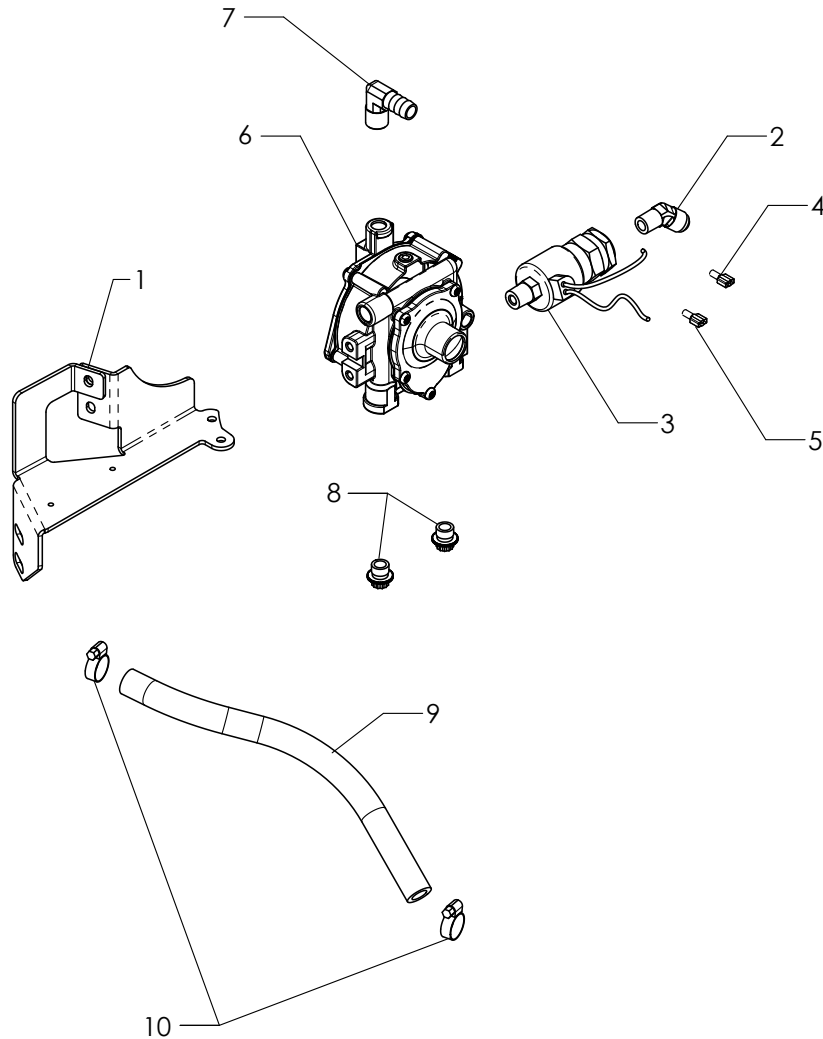
PROPANE REGULATOR (LX900 MODELS)



ITEM NO.	PART NUMBER	DESCRIPTION
1	W12326	Under Mount Support Plate
2	W11270	Ring Plate Mount
3	W11271	Regulator Mount
4	W10775	T-60 REGULATOR G-SE-T60
5	F69947	3/8" MPT x 90 DEG. x 1/2" BARB
6	F421456	Hex Nipple - 1/4 MNPT x 3/8 MNPT
7	W11335	Heat Exchanger, Oil-Propane Evaporator
8	F69929	3/8 NPT Male x 3/8 Barb
9	F24134	3/8 NPT Socket Plug, Steel
10	W10769	LPG Regulator - 30 PSI Fixed Pressure
11	W10752	Propane Solenoid "Lockoff", 1/4 NPT
12	F13003	Hex Cap Screw 1/4-20 x 3/4 Grade
13	F33078	Flat Washer - 1/4 I.D. SAE Zinc
14	F13105	Hex Cap Screw 3/8-16 x 1 Grade 5
15	F33008	Flat Washer - 3/8 I.D. USS Zinc
16	F37024	Nut - 3/8-16 Nylock NE Zinc
17	PT-W2660	1/2 in. LP 350 PSI HOSE
18	PT-10357	Oil Hose - 3/8 ID
19	PT-10357	Oil Hose - 3/8 ID
20	F62008	Worm Drive #6 5/8 - 7/8 X 9/16 Clamp
21	F11509492	M6 Stainless Steel Flange Nut
22	W10782	LPG Filter - 3/8 Male x Flare 1/4 MNPT
23	W13132	3/8" JIC Female Swivel x 3/8" Male
24	K55020-2353	Plastic Kawasaki Fan Guard
25	W13133	3/8" JIC Male x Male Swivel
26	W13131	High-Pressure Brass Pipe Extension
27	F69881	90° Elbow - 1/4 MNPT x 1/4 FNPT Brass
28	F0708821	P-Clamp - 1-3/4"
29	W12453	Filter Extension Bracket
30	F420581-131280	90° Elbow, 3/8 SAE 45° Flare
31	W2670-48	48" of 3/8" LP350 PSI Hose
32	F0447089	Vibration-Damping Loop Clamp
33	F1113801	Hex Cap Screw 1/4-20 x 1 1/2 Grade 5
34	W11332	Bushing 3/8" ID x 5/8 Length
35	F0161821	Hex Washer Bolt, M8-1.25 x 16mm
36	F0154963	M8 x 1.25 Nyloc Hex Nut
37	W12452	Top Support Bracket
38	F440084-131280	High-Pressure Brass Pipe Fitting
39	F33006	Flat Washer - 5/16 I.D. USS Zinc
40	F33004	USS Flat Washer 1/4 I.D.

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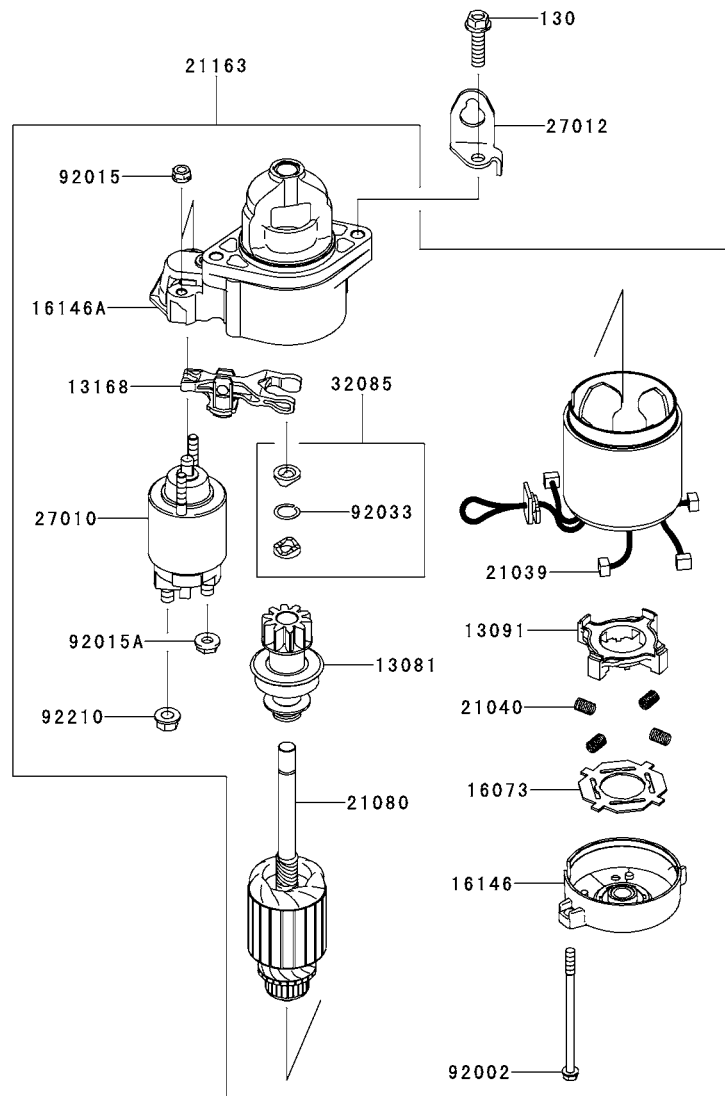
PROPANE REGULATOR (LX850 MODELS)



REF	PART NO.	DESCRIPTION
1	PT-W2601-TM	Regulator Bracket Top Mount
2	PT-F69614	45 Deg Elbow - 3/8 Male Flare x 1/4 MNPT Brass
3	PT-W2608	"Lockoff", 12V Propane Solenoid Shutoff Valve, A152
4	F60052	Spade Disconnect - Male 16-14 AWG
5	F60079	Spade Disconnect - Female 16-14 .250 X .032
6	PT-W2611A	T60 propane REGULATOR w/ Welch PLUGS, A Orient.
7	F69947	90 Deg Elbow - 3/8 MNPT x 1/2 BARB Brass
8	PT-F11522810	Hole Plug - .437 in. Nylon
9	PT-W2660	1/2 in. LP 350 PSI HOSE, Parker 7132, Per Foot
10	PT-F62003	HOSE Clamp - 7/8 X 5/16, Worm Drive

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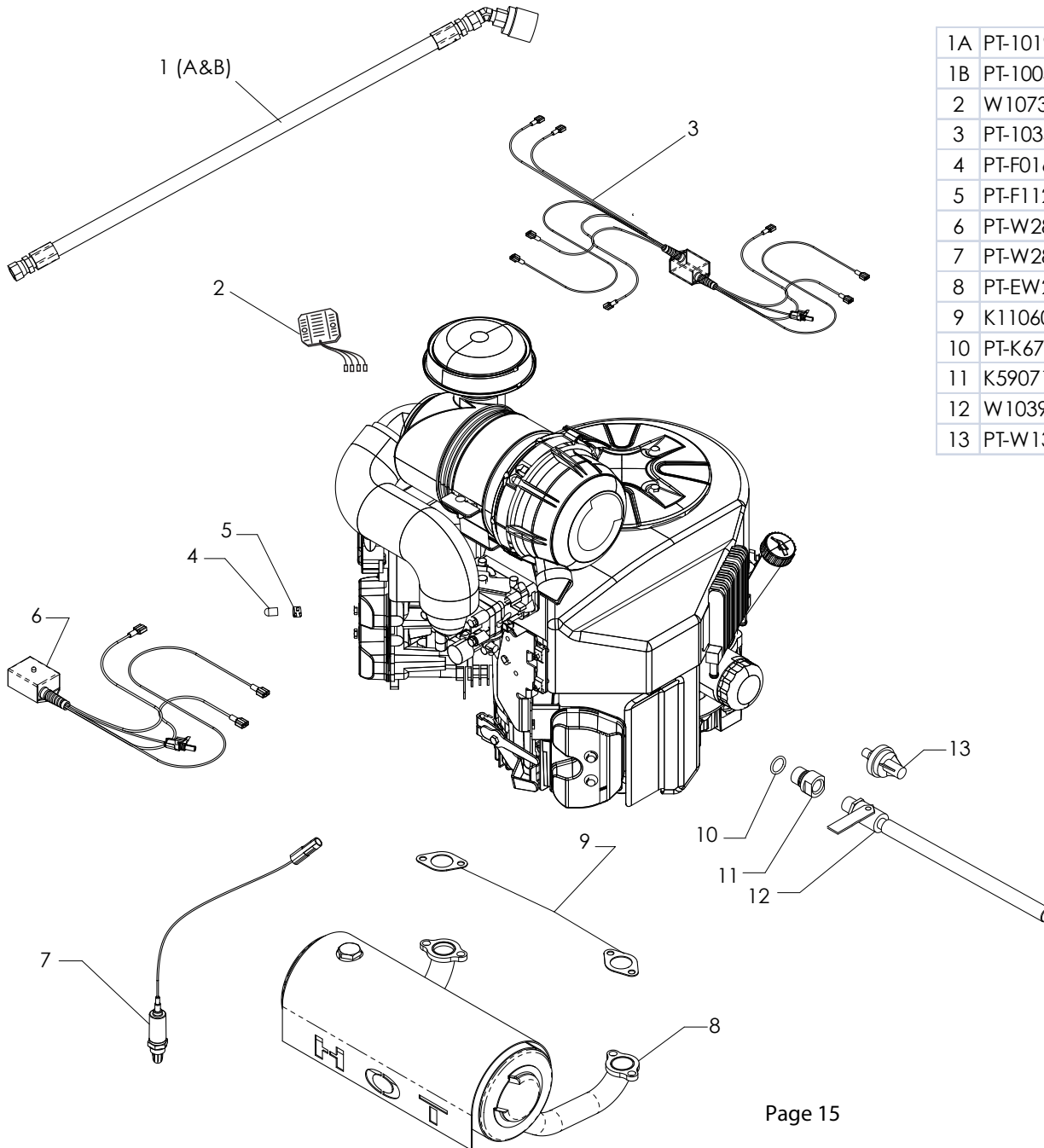
STARTER



Ref.	Part No.	Description	Quantity
13081	13081-7002	CLUTCH-ASSY	1
13091	13091-2068	HOLDER,BRUSH	1
13168	13168-2148	LEVER,SHIFT	1
16073	16073-2098	INSULATOR	1
16146	16146-2077	COVER-ASSY	1
16146A	16146-7029	COVER-ASSY	1
21039	21039-2059	BRUSH	4
21040	21040-2052	SPRING-BRUSH	4
21080	21080-2058	ARMATURE	1
21163	99996-6121	STARTER-ELECTRIC	1
27010	27010-7005	SWITCH	1
27012	27012-7005	HOOK,LIFT	1
32085	32085-2097	STOPPER	1
92002	92002-2277	BOLT	2
92015	92015-2146	NUT	2
92015A	92015-2147	NUT	1
92033	92033-2081	RING-SNAP	1
92210	92210-2085	NUT	1
130	130BA0830	BOLT-FLANGED,8X30	2

This fig. covers:

SUPPLEMENTAL COMPONENTS



1A	PT-10196	ASM - 60 in. High Pres. Hose ASM RH
1B	PT-10035	ASM - High Pres. LP Hose ASM - 48 in., RH Thread
2	W10738	Voltage Regulator - AC to 12VDC, 22 Amp
3	PT-10351	Wiring Harness - Universal Hot Start w/ DPDT Relay
4	PT-F0162591	Vacuum Cap - Rubber, 1/4 in. ID x 9/16 in. L.
5	PT-F11235001	SPRING Clamp - 7/16 in.
6	PT-W2804	Emissions Module
7	PT-W2803	O2 Sensor, Exhaust, Narrow Band
8	PT-EW2617	CATALYST MUFFLER, 852cc
9	K11060-7016	EXHAUST GASKET 603cc & 852cc
10	PT-K670D2016	O RING, 16MM
11	K59071-7023	JOINT, OIL DRAIN
12	W10397	Oil Drain ASM, 3/8 NPT
13	PT-W1325	Oil Pressure Switch, SPST, N.O., 1/8 BSP