



AVAILABLE ATTACHMENTS & ACCESSORIES

- 1907044 CHAIN - 12" (90-VS) -- NARROW
 - 1917044 CHAIN - 12" (91-VS) -- REGULAR
 - 1120374401 GUIDE BAR - 12" (90-VS) -- NARROW
 - 1121374401 GUIDE BAR - 12" (91-VS) -- REGULAR
 - 1122374401 GUIDE BAR - 12" (91-VS) INTENZ -- REGULAR
- (Narrow & Regular Chains & Guide Bars are NOT Interchangeable)

- 99946400020 5' EXTENSION
- 99946400040 HEDGE CLIPPER ATTACHMENT
- 99946400050 CIRCULAR SAW ATTACHMENT
- 99946400060 ARTICULATING HEDGE CLIPPER ATT
- 99946400065 ARTICULATING HEDGE CLIPPER ATT

PARTS CATALOG

POWER PRUNER

23.6cc

MODEL: SERIAL NUMBERS

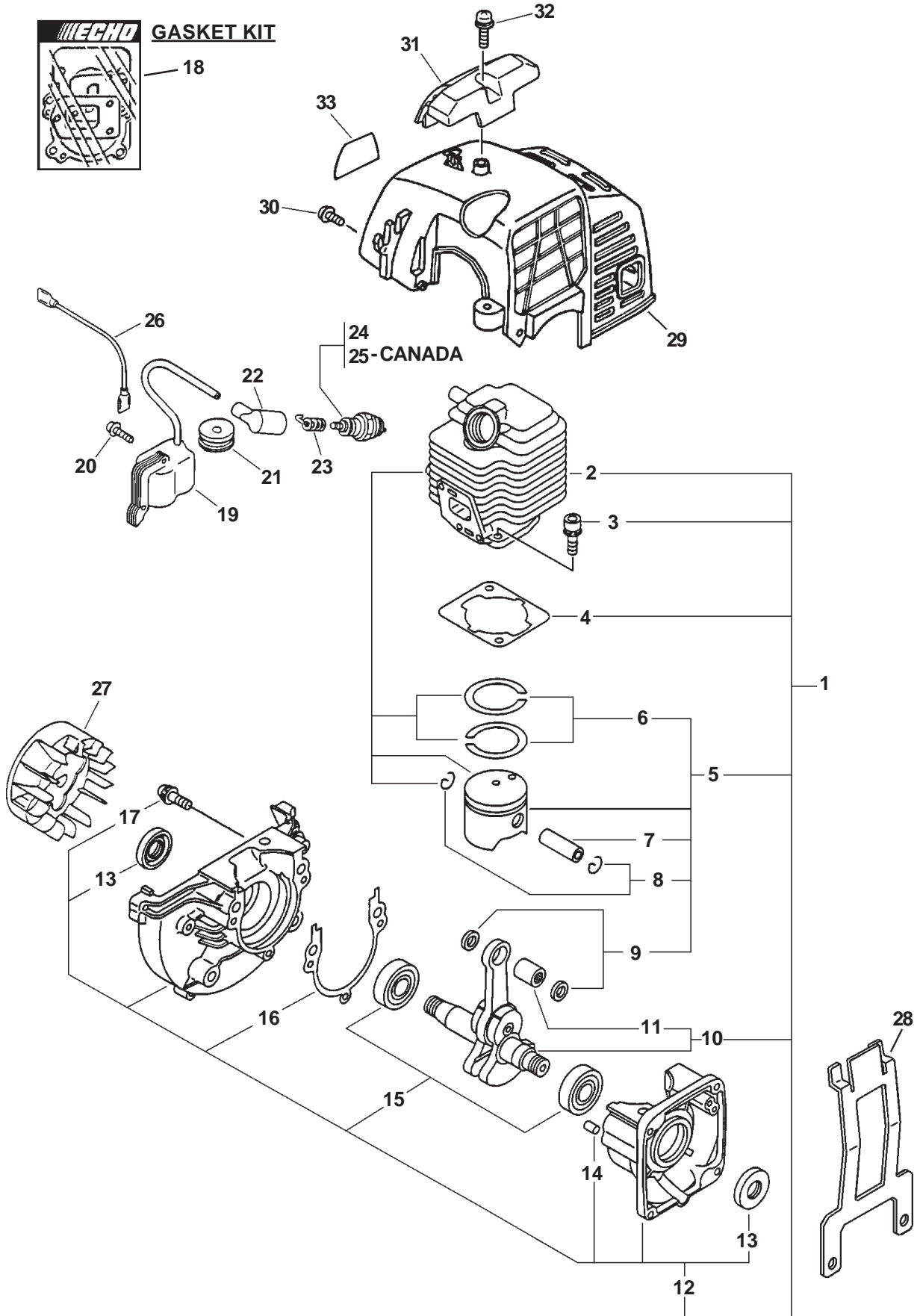
PPT-2400 Type 1E: 001001 & UP

ECHO, INCORPORATED

400 Oakwood Road Lake Zurich, Illinois 60047

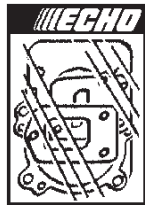
WWW.ECHO-USA.COM

SERIAL NUMBERS: 001001-505899



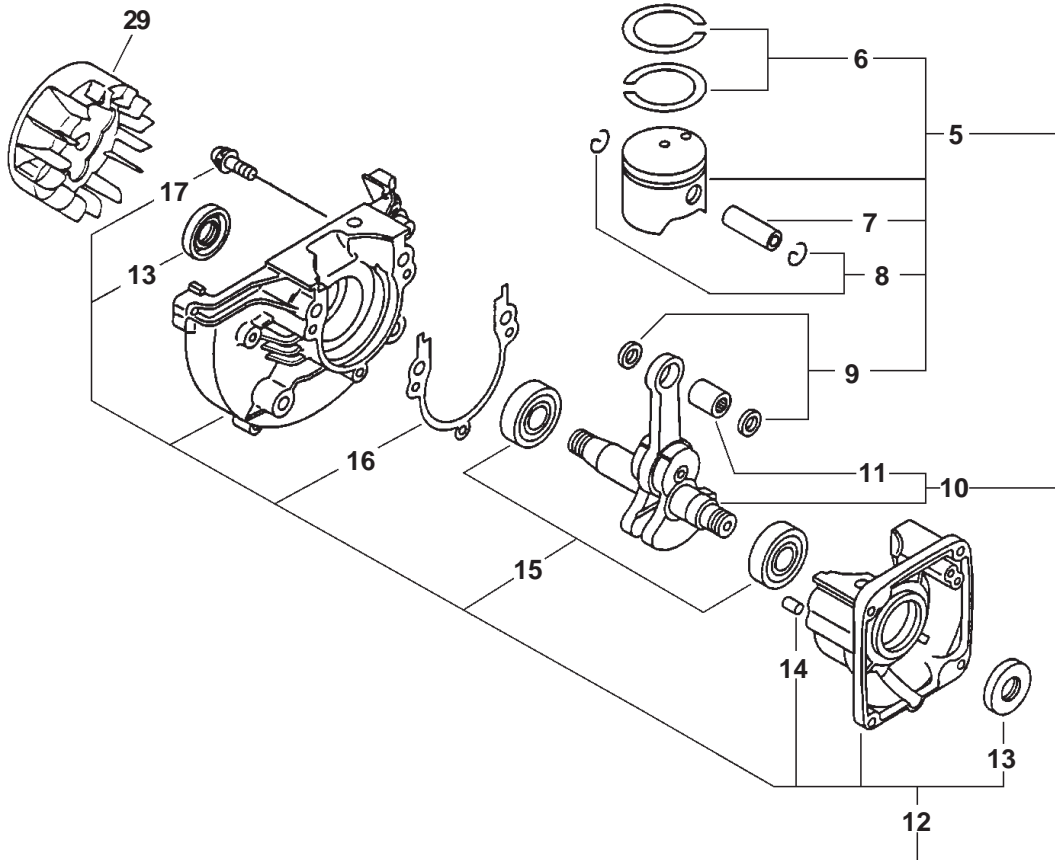
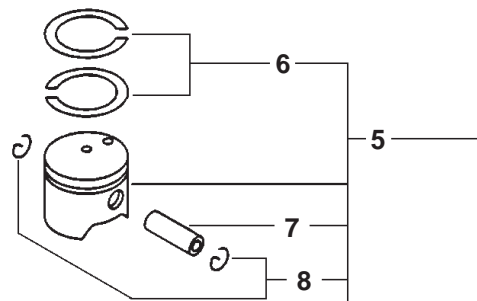
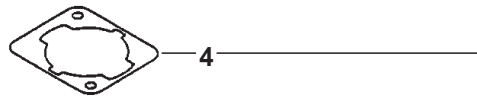
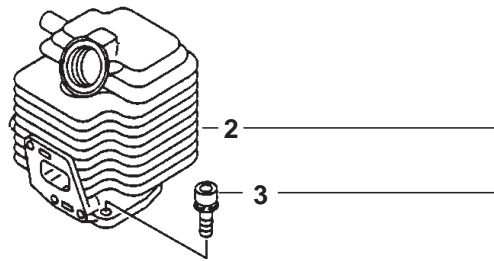
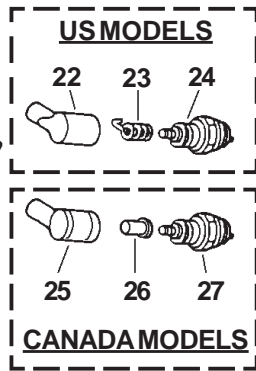
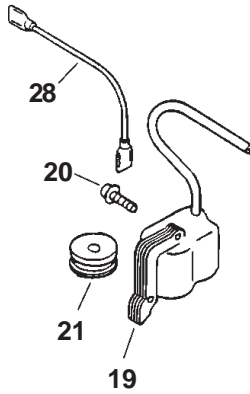
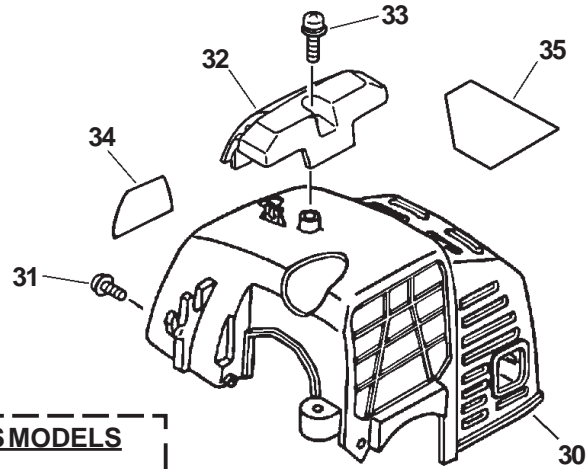
SERIAL NUMBERS: 001001-505899

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
<u>OPTIONAL ENGINE REPOWER</u>				
1	SB1027	1	SHORT BLOCK	INCLUDES ITEMS 2-17
2	10100308960	1	CYLINDER/PISTON KIT	ALSO INCLUDES ITEMS 6 & 8
3	90016205022	2	BOLT 5X22	
★ 4	10101044332	1	GASKET, CYLINDER	
5	10000009562	1	PISTON KIT	INCLUDES ITEMS 6-9
6	10001109560	2	RING, PISTON	
7	10001311520	1	PIN, PISTON	
8	10001504630	2	CIRCLIP, PISTON PIN	
9	10001411520	2	SPACER, PISTON PIN	
10	A011000101	1	CRANKSHAFT ASY	INCLUDES ITEM 11
11	V553000010	1	BEARING, NEEDLE	
12	10020451030	1	CRANKCASE KIT	INCLUDES ITEMS 12-17
13	10021242030	2	OIL SEAL	
14	10021503930	2	DOWEL PIN	
15	90081036201	2	BEARING, BALL 6201	
★ 16	10024242030	1	GASKET, CRANKCASE	
17	90016205028	3	BOLT 5X28	
★ Also Included In GASKET KIT				
18	88900005960	1	GASKET KIT	
19	15660152130	1	COIL, IGNITION	
20	90016204022	2	BOLT 4X22	
21	15011244330	1	GROMMET	
22	15901201620	1	CAP, SPARK PLUG	
23	15901103432	1	TERMINAL, SPARK PLUG CAP	
24	99944500071	1	SPARK PLUG -- BPM-7Y	
25	15901010230	1	SPARK PLUG -- BPMR-7A	CANADA MODELS
26	16201052830	1	LEAD, IGNITION	
27	15680144731	1	FLYWHEEL	
28	10158746730	1	GUARD, ENGINE	
29	10151444531	1	COVER, CYLINDER	
30	90023804012	2	SCREW 4X12	
31	15991244530	1	GUARD, TOP	
32	90025305016	1	SCREW 5X16	
33	89003424661	1	LABEL, MODEL -- PPT-2400 T1E	



GASKET KIT

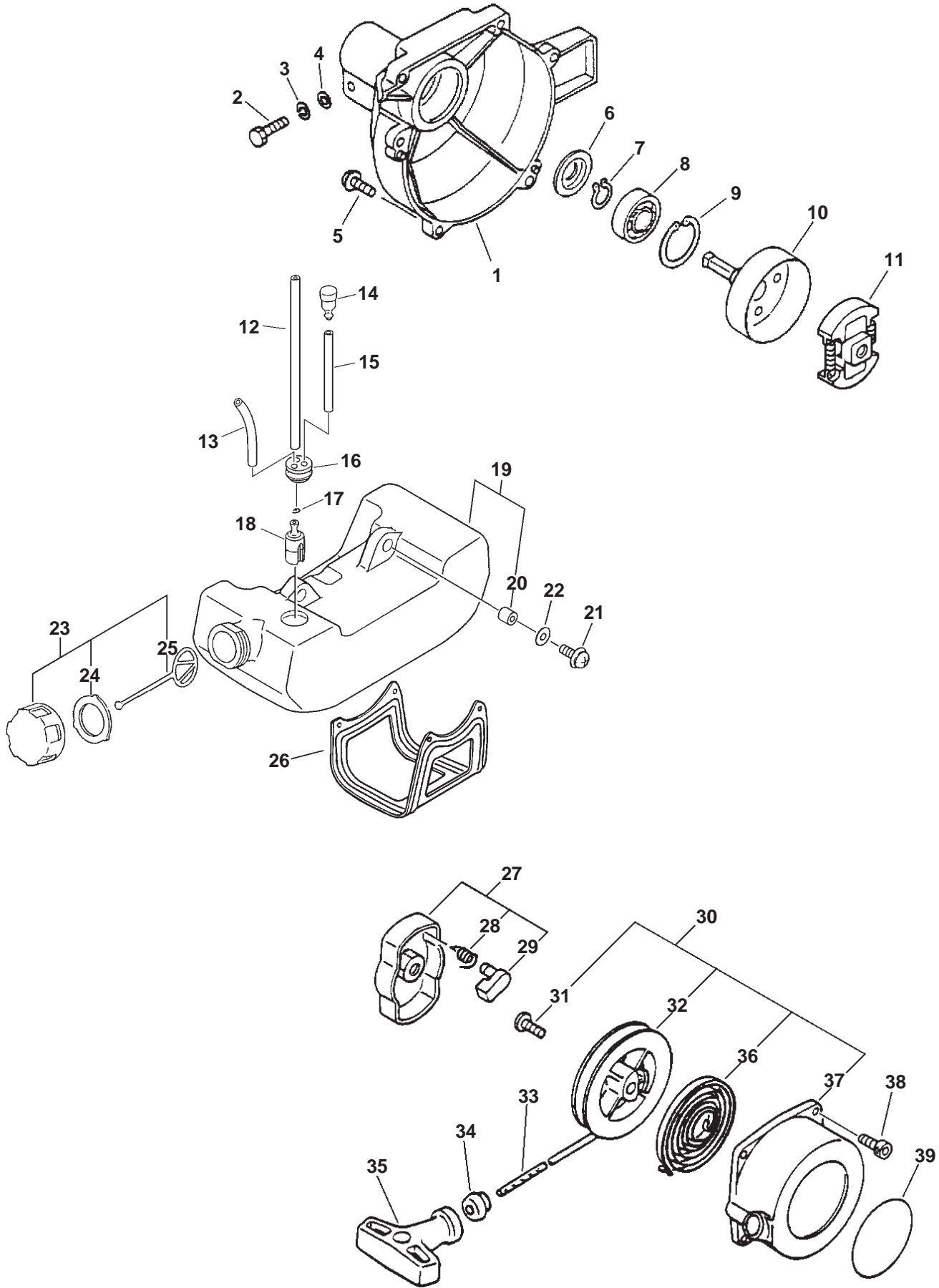
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SERIAL NUMBERS: 505900 & UP

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
<u>OPTIONAL ENGINE REPOWER</u>				
1	SB1027	1	SHORT BLOCK	INCLUDES ITEMS 2-17
2	10101108961	1	CYLINDER	
3	90016205022	2	BOLT 5X22	
★ 4	10101044332	1	GASKET, CYLINDER	
5	10000009562	1	PISTON KIT	INCLUDES ITEMS 6-9
6	10001109560	2	RING, PISTON	
7	10001311520	1	PIN, PISTON	
8	10001504630	2	CIRCLIP, PISTON PIN	
9	10001411520	2	SPACER, PISTON PIN	
10	A011000101	1	CRANKSHAFT ASY	INCLUDES ITEM 15
11	V553000010	1	BEARING, NEEDLE	
12	10020451030	1	CRANKCASE KIT	INCLUDES ITEMS 17-21
13	10021242030	2	OIL SEAL	
14	10021503930	2	DOWEL PIN	
15	90081036201	2	BEARING, BALL 6201	
★ 16	10024242030	1	GASKET, CRANKCASE	
17	90016205028	3	BOLT 5X28	
★ Also Included In GASKET KIT				
18	88900005960	1	GASKET KIT	
19	15662652730	1	COIL, IGNITION	
20	90016204022	2	BOLT 4X22	
21	15011244330	1	GROMMET	
22	15901201620	1	CAP, SPARK PLUG	
23	15901103432	1	TERMINAL, SPARK PLUG CAP	
24	99944500071	1	SPARK PLUG -- BPM-7Y	
25	15901210230	1	CAP, SPARK PLUG	CANADA MODELS
26	15901605330	1	ADAPTER, SPARK PLUG CAP	CANADA MODELS
27	15901010230	1	SPARK PLUG -- BPMR-7A	CANADA MODELS
28	16201052830	1	LEAD, IGNITION	
	15680109660	1	FLYWHEEL	
29	10158746730	1	GUARD, ENGINE	
30	10151444531	1	COVER, CYLINDER	
31	90023804012	2	SCREW 4X12	
32	15991244530	1	GUARD, TOP	
33	90025305016	1	SCREW 5X16	
34	89003424661	1	LABEL, MODEL -- PPT-2400 T1E	
35	89016022660	1	LABEL, CAUTION	

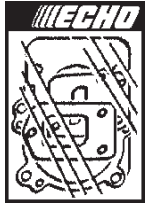
SERIAL NUMBERS: ALL



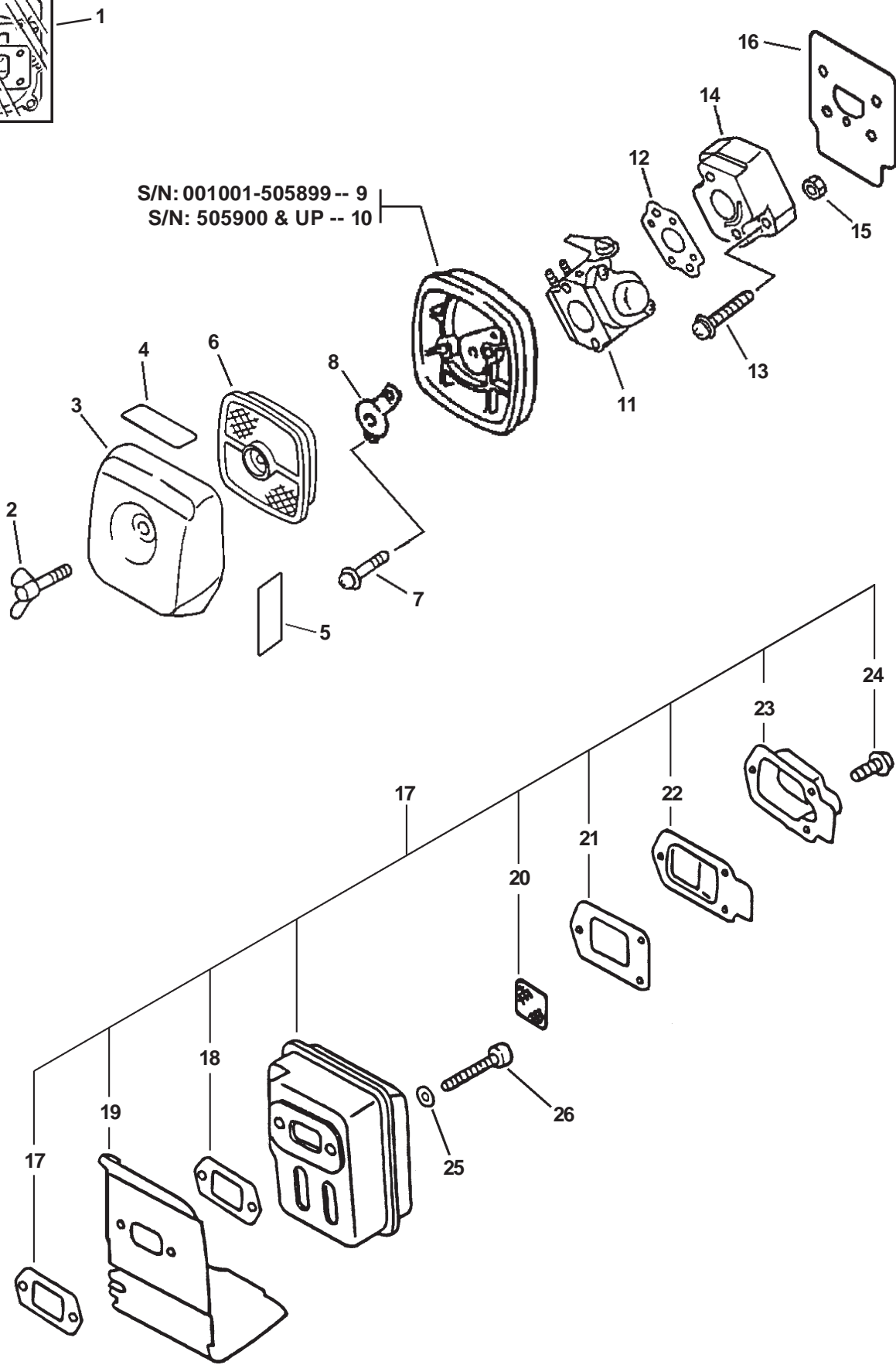
SERIAL NUMBERS: ALL

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	10151144630	1	COVER, FAN	
2	90015105025	1	BOLT 5X25	
3	90060500005	1	WASHER, SPRING 5	
4	90060000005	1	WASHER 5	
5	90016304016	4	BOLT 4X16	
6	17505304920	1	STOPPER	
7	90070100012	1	CIRCLIP 12	
8	90081406201	1	BEARING, BALL	
9	90070200032	1	CIRCLIP 32	
10	17500542030	1	DRUM, CLUTCH	
11	17500056830	1	CLUTCH ASY	
12	13201013930	1	PIPE, FUEL - 3X5X180mm	BULK OPTION: 90014
13	13201056330	1	PIPE, RETURN - 3X6X90mm	BULK OPTION: 90017
14	A356000030	1	VALVE, CHECK	
15	13131239130	1	PIPE, VENT - 3X5X70mm	BULK OPTION: 90014
16	13211546730	1	GROMMET, FUEL	
17	13201309820	1	CLIP	
18	13120507320	1	FILTER, FUEL	
19	13100546830	1	TANK, FUEL	
20	13104528230	2	COLLAR	
21	90023805016	2	SCREW 5X16	
22	90060300005	2	WASHER 5	
23	13100455630	1	CAP ASY, FUEL TANK	INCLUDES ITEMS 24-25
24	13101655830	1	GASKET, FUEL TANK CAP	
25	13105152430	1	CONNECTOR, CAP	
26	30511042030	1	STAND	
27	17720244330	1	STARTER PAWL ASY	INCLUDES ITEMS 28-29
28	17723442030	1	SPRING, RETURN	
29	17721844330	1	PAWL, STARTER	
30	17720042033	1	STARTER ASY	INCLUDES ITEMS 31-37
31	17723644330	1	SCREW	
32	17721544430	1	DRUM, STARTER	
33	17722610120	1	ROPE, STARTER - 3X1000mm	BULK OPTION: 99944444000
34	17722742030	1	GUIDE, ROPE	
35	17722806530	1	GRIP, STARTER	
66	17722042030	1	SPRING, REWIND	
37	17723242032	1	HOUSING, STARTER	
38	90016304016	4	BOLT 4X16	
39	89011849130	1	LABEL, ECHO	

SERIAL NUMBERS: ALL



GASKET KIT



SERIAL NUMBERS: ALL

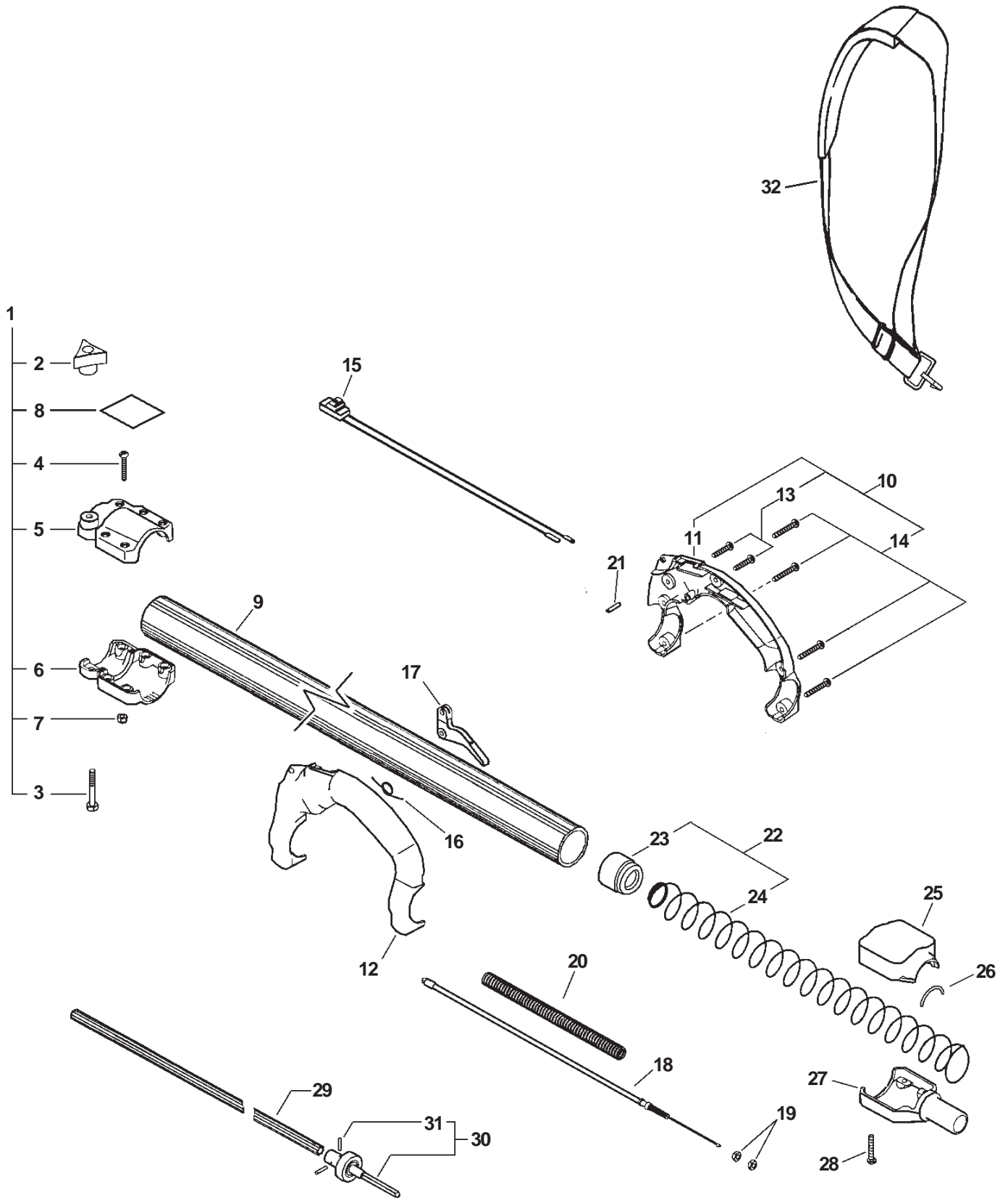
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1	88900005960	1	GASKET KIT	
2	21041752730	1	BOLT, WING	
3	13031305863	1	COVER, AIR CLEANER	
4	89012152730	1	LABEL, CHOKE	
5	89033452730	1	LABEL, METERING	
6	13031054130	1	FILTER, AIR	
7	90024205065	2	SCREW 5X65	
8	12901106360	1	PLATE, PREVENT	
9	13030706761	1	CASE, AIR CLEANER	S/N: 001001-505899
10	13030744530	1	CASE, AIR CLEANER	S/N: 505900 & UP
11	12300052132	1	CARBURETOR -- WT-424B	
★ 12	13001005960	1	GASKET, INTAKE	
13	90023805020	2	SCREW 5X20	
14	13001742031	1	INSULATOR	
15	90050000005	2	NUT 5	
★ 16	13001042032	1	SHIELD, INTAKE	
17	14580052630	1	MUFFLER ASY	INCLUDES ITEMS 18-24
★ 18	V104000160	2	GASKET, EXHAUST	
19	14587144331	1	SHIELD, EXHAUST	
20	14586240630	1	SCREEN	
★ 21	14586642031	1	GASKET, EXHAUST	
22	14587642030	1	GUIDE, EXHAUST - INNER	
23	14581852130	1	GUIDE, EXHAUST - OUTER	
24	90023804010	3	SCREW 4X10	
25	90060000005	2	WASHER 5	
26	90010505055	2	BOLT 5X55	

★ Also Included In GASKET KIT

PPT-2400 Type 1E

HANDLE, STOP SWITCH, THROTTLE CABLE, DRIVESHAFT

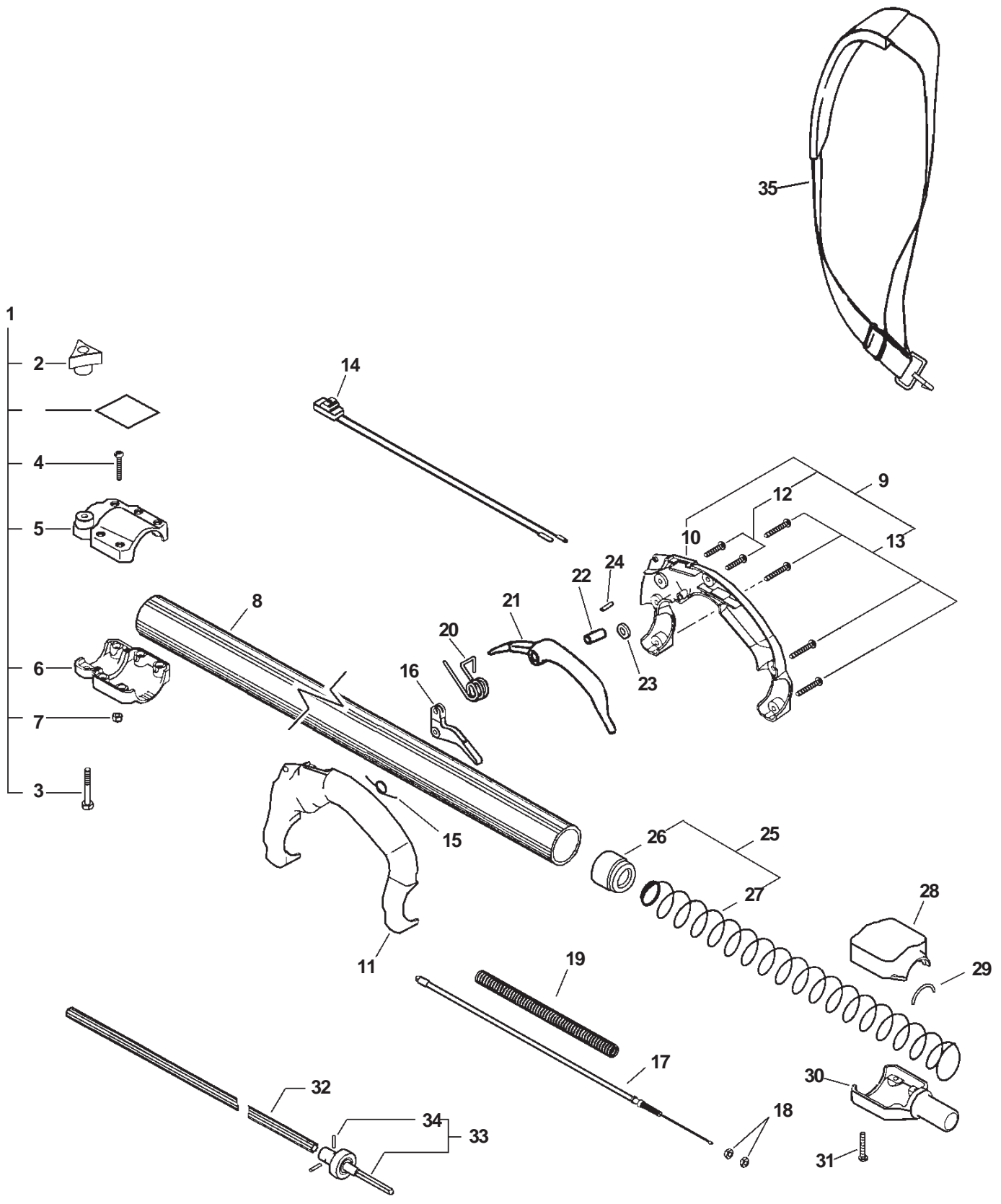
SERIAL NUMBERS: 001001-505899



SERIAL NUMBERS: 001001-505899

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	61029522360	1	COMPRESSION CLAMP ASY	INCLUDES ITEMS 2-8
2	13040622360	1	KNOB, FASTNER	
3	90005100100	1	SCREW	
4	90005300400	5	SCREW	
5	61028222460	1	COLLAR, MAIN PIPE - UPPER	
6	61028222360	1	COLLAR, MAIN PIPE - LOWER	
7	90003150100	5	LOCKNUT	
8	89016022360	1	LABEL, CAUTION	
9	61022222360	1	PIPE, MAIN	
10	35110022560	1	REAR HANDLE ASY	INCLUDES ITEMS 10-14
11	35112922360	1	HANDLE, REAR - RIGHT	
12	35110122360	1	HANDLE, REAR - LEFT	
13	90005300300	2	SCREW	
14	90005300400	4	SCREW	
15	16340155630	1	SWITCH, IGNITION	
16	17804322360	1	SPRING, THROTTLE TRIGGER	
17	17801005631	1	TRIGGER, THROTTLE	
18	17800151030	1	CABLE, THROTTLE	
19	90050200006	2	NUT	
20	17801622360	1	TUBE	
21	88996022660	1	PIN	
22	43330722460	1	FLOATING BUSHING ASY	INCLUDES ITEMS 23-24
23	43334522660	1	BUSHING, FLOATING	
24	10494022560	1	SPRING, FLOATING BUSHING	
25	61081022360	1	CAP, LOWER SHAFT TUBE ADAPTER	
26	10491022460	1	O-RING(HALF)	
27	61024822360	1	ADAPTER, LOWER SHAFT TUBE	
28	90005300400	4	SCREW	
29	C504000260	1	DRIVESHAFT	
30	P021006370	1	SHAFT CONNECTOR KIT	INCLUDES ITEM 31
31	V645000000	2	PIN	
32	30100022060	1	SHOULDER HARNESS ASY	

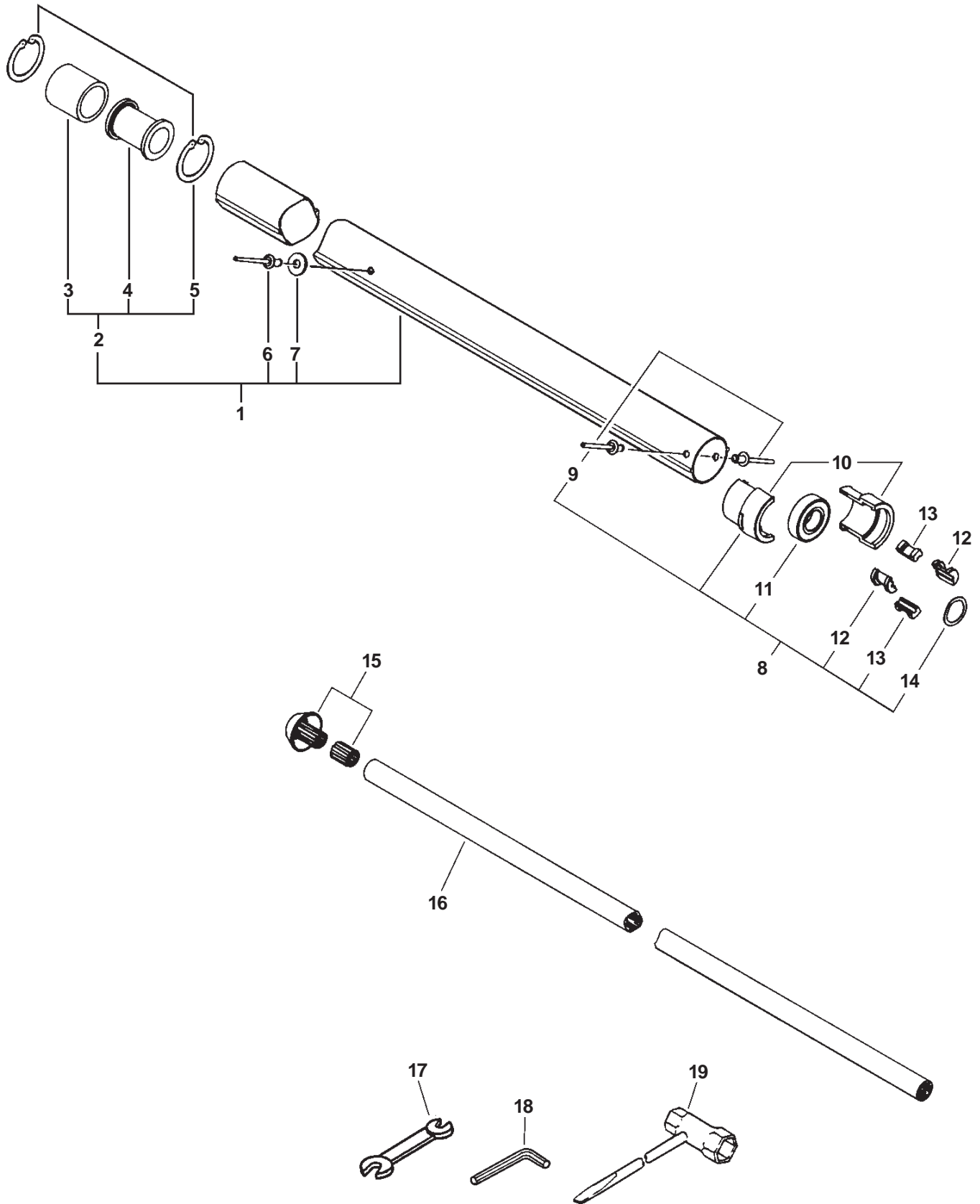
SERIAL NUMBERS: 505900 & UP



SERIAL NUMBERS: 505900 & UP

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	61029522360	1	COMPRESSION CLAMP ASY	INCLUDES ITEMS 2-7
2	13040622360	1	KNOB, FASTNER	
3	90005100100	1	SCREW	
4	90005300400	5	SCREW	
5	61028222460	1	COLLAR, MAIN PIPE - UPPER	
6	61028222360	1	COLLAR, MAIN PIPE - LOWER	
7	90003150100	5	LOCKNUT	
8	61022222360	1	PIPE, MAIN	
9	35110022560	1	REAR HANDLE ASY	INCLUDES ITEMS 10-13
10	35112922360	1	HANDLE, REAR - RIGHT	
11	35110122360	1	HANDLE, REAR - LEFT	
12	90005300300	2	SCREW	
13	90005300400	4	SCREW	
14	16340155630	1	SWITCH, IGNITION	
15	17804322360	1	SPRING, THROTTLE TRIGGER	
16	17801022560	1	TRIGGER, THROTTLE	
17	17800151030	1	CABLE, THROTTLE	
18	90050200006	2	NUT	
19	17801622360	1	TUBE	
20	17804322562	1	SPRING, THROTTLE TRIGGER LOCKOUT	
21	17809022560	1	LOCKOUT, THROTTLE CONTROL	
22	61085022560	1	COLLAR 5	
23	90060300005	1	WASHER	
24	88996022660	1	PIN	
25	43330722460	1	FLOATING BUSHING ASY	INCLUDES ITEMS 26-27
26	43334522660	1	BUSHING, FLOATING	
27	10494022560	1	SPRING, FLOATING BUSHING	
28	61081022360	1	CAP, LOWER SHAFT TUBE ADAPTER	
29	10491022460	1	O-RING(HALF)	
30	61024822360	1	ADAPTER, LOWER SHAFT TUBE	
31	90005300400	4	SCREW	
32	C504000260	1	DRIVESHAFT	
33	P021006370	1	SHAFT CONNECTOR KIT	INCLUDES ITEM 34
34	V645000000	2	PIN	
35	30100022060	1	SHOULDER HARNESS ASY	

SERIAL NUMBERS: ALL



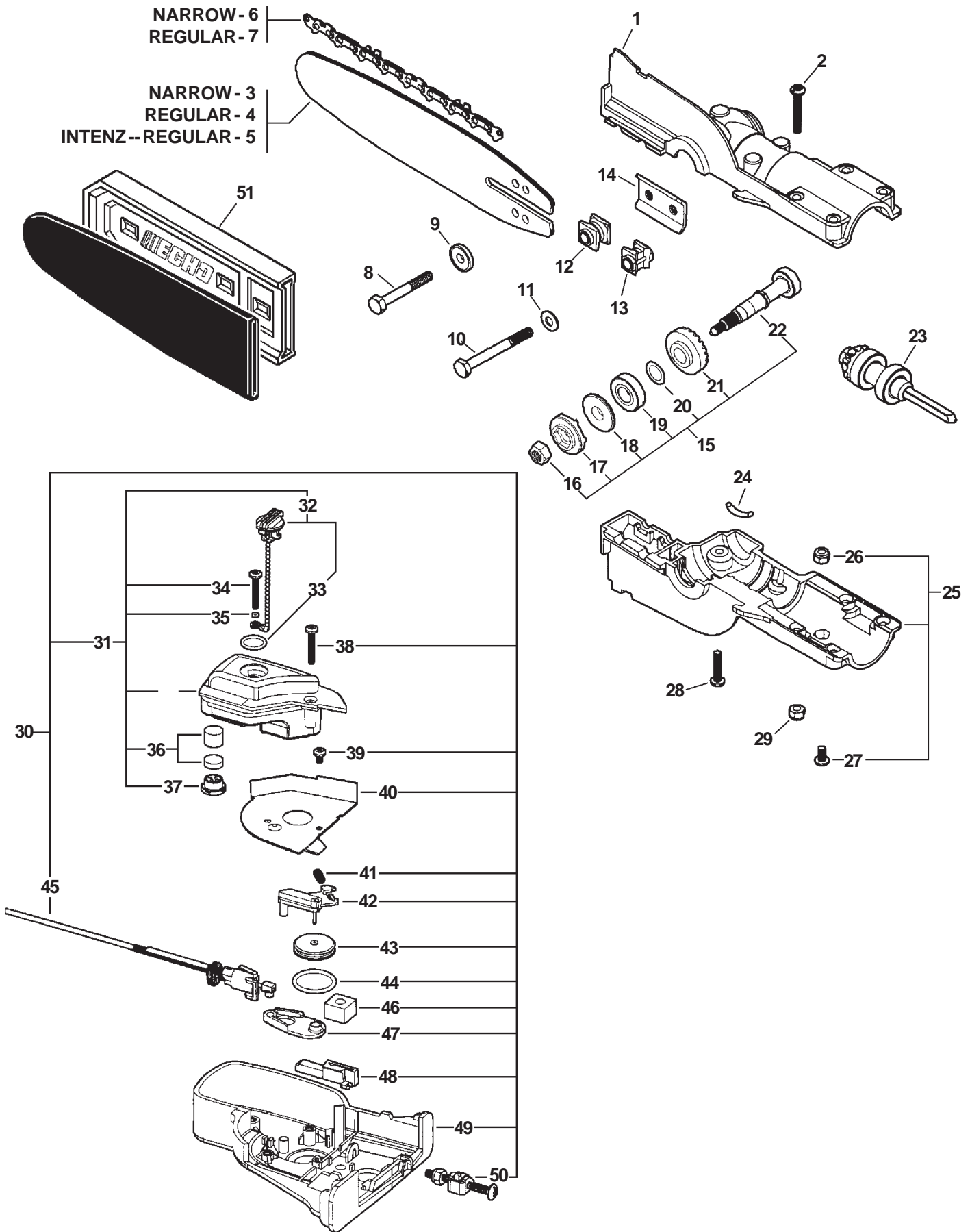
SERIAL NUMBERS: ALL

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	61029923960	1	UPPER HOUSING ASY	INCLUDES ITEMS 2-7
2	43330722360	1	UPPER DRIVESHAFT GUIDE ASY	INCLUDES ITEMS 4-7
3	10429322360	1	PAD, FOAM	
4	43334522360	1	GUIDE, DRIVESHAFT	
5	61033522360	2	RING, RETAINING	
6	89001122460	1	RIVET, ALUMINUM	
7	40011122360	1	WASHER	
8	61010522360	1	BEARING HOLDER ASY	
9	89001122360	2	RIVET, STEEL	
10	61011122360	2	HOLDER, BEARING	
11	90080206002	1	BEARING, BALL	
12	43334522560	2	HOLDER, INNER BEARING - LARGE	
13	43334522460	2	HOLDER, INNER BEARING - SMALL	
14	17812922360	1	WASHER, WAVE	
15	61029822360	1	ADAPTER, DRIVESHAFT - UPPER	
16	61001122460	1	DRIVESHAFT - UPPER	
17	89541522260	1	SPANNER 8X10	
18	89561203430	1	L-WRENCH - 3mm	
19	89541522160	1	WRENCH W/SCREWDRIVER	

PPT-2400 Type 1E

GEAR CASE, AUTO-OILER, GUIDE BAR, CHAIN

SERIAL NUMBERS: 001001-505899

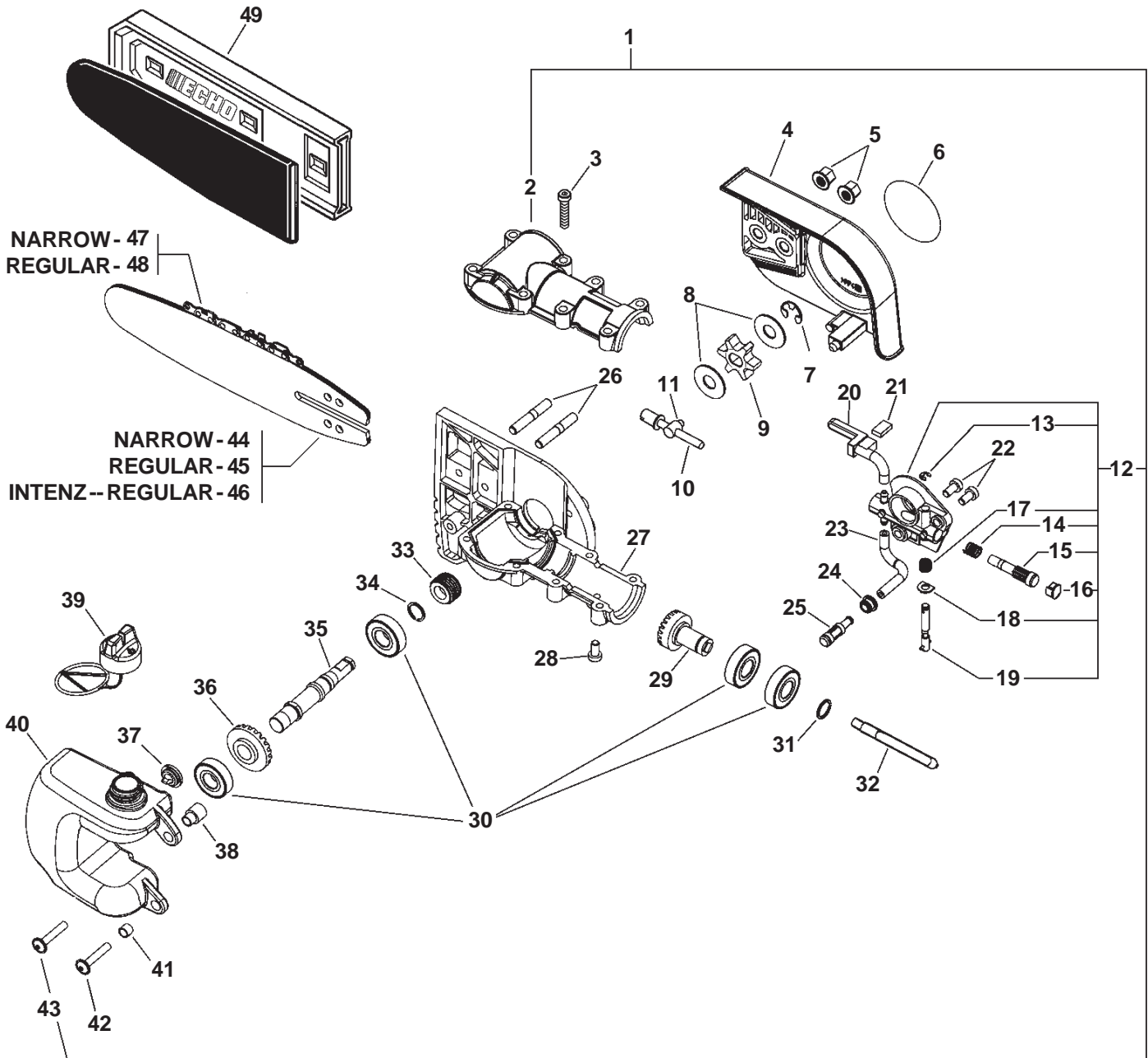


SERIAL NUMBERS: 001001-505899

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	61040722460	1	CASE, GEAR - UPPER	
2	90005300400	4	SCREW	
3	1120374401	1	GUIDE BAR - 12" (90-VS) -- NARROW**	
4	1121374401	1	GUIDE BAR - 12" (91-VS) -- REGULAR**	
5	1122374401	1	GUIDE BAR - 12" (91-VS) INTENZ -- REGULAR**	
6	1907044	1	CHAIN - 12" (90-VS) -- NARROW**	
7	1917044	1	CHAIN - 12" (91-VS) -- REGULAR**	
8	90005100100	1	SCREW	
9	17802022360	1	WASHER	
10	90005600200	1	BOLT	
11	90003500200	1	WASHER	
12	11007622360	1	SPACER, BAR BOLT - FRONT	
13	11007622460	1	SPACER, BAR BOLT - REAR	
14	43305522360	1	BRACKET, GUIDE BAR	
15	61030622360	1	SPROCKET GEAR/SHAFT ASY INCIUDES ITEMS 16-22	
16	90003000200	1	NUT	
17	30281022360	1	SPROCKET, DRIVE	
18	30281222360	1	PLATE, SPROCKET	
19	90080206001	1	BEARING, BALL	
20	10013222060	1	WASHER	
21	61031122360	1	GEAR, BEVEL	
22	61036022360	1	DRIVE SHAFT SPROCKET ASY	
23	61030922360	1	PINION GEAR/SHAFT ASY	
24	10491022360	1	CUSHION	
25	61040722360	1	GEAR CASE ASY - LOWER	INCIUDES ITEMS 26-27
26	90003150100	1	LOCKNUT	
27	90005300200	1	SCREW	
28	90005300300	4	SCREW	
29	90003150100	4	LOCKNUT	
30	43700022360	1	AUTO-OILER ASY	INCIUDES ITEMS 31-50
31	43600522360	1	OIL TANK ASY	INCIUDES ITEMS 32-37
32	43600122060	1	OIL TANK CAP ASY	INCIUDES ITEM 33
33	43712222060	1	O-RING	
34	90005200300	1	SCREW	
35	27021722460	1	O-RING	
36	43620522360	1	OIL STRAINER ASY	
37	43724322360	1	HOUSING, OIL FILTER	
38	90005200300	1	SCREW	
39	90005200200	2	SCREW	
40	69902522360	1	PLATE, PROTECTION	
41	10494022360	1	SPRING	
42	70700022360	1	OILER IDLER LINK ASY	
43	43706822360	1	CAM, OIL PUMP	
44	43712222360	1	O-RING	
45	43700022460	1	OILER PUMP ASY	
46	11007622560	1	SPACER	
47	43704122360	1	LINK, OILER DRIVE	
48	16821822160	1	PIPE, OIL	
49	43760522360	1	COVER, OILER	
50	43309522360	1	CHAIN TENSIONER ASY	
51	89851322360	1	COVER, GUIDE BAR	

** Narrow & Regular Chains & Guide Bars are NOT Interchangeable

SERIAL NUMBERS: 505900 & UP

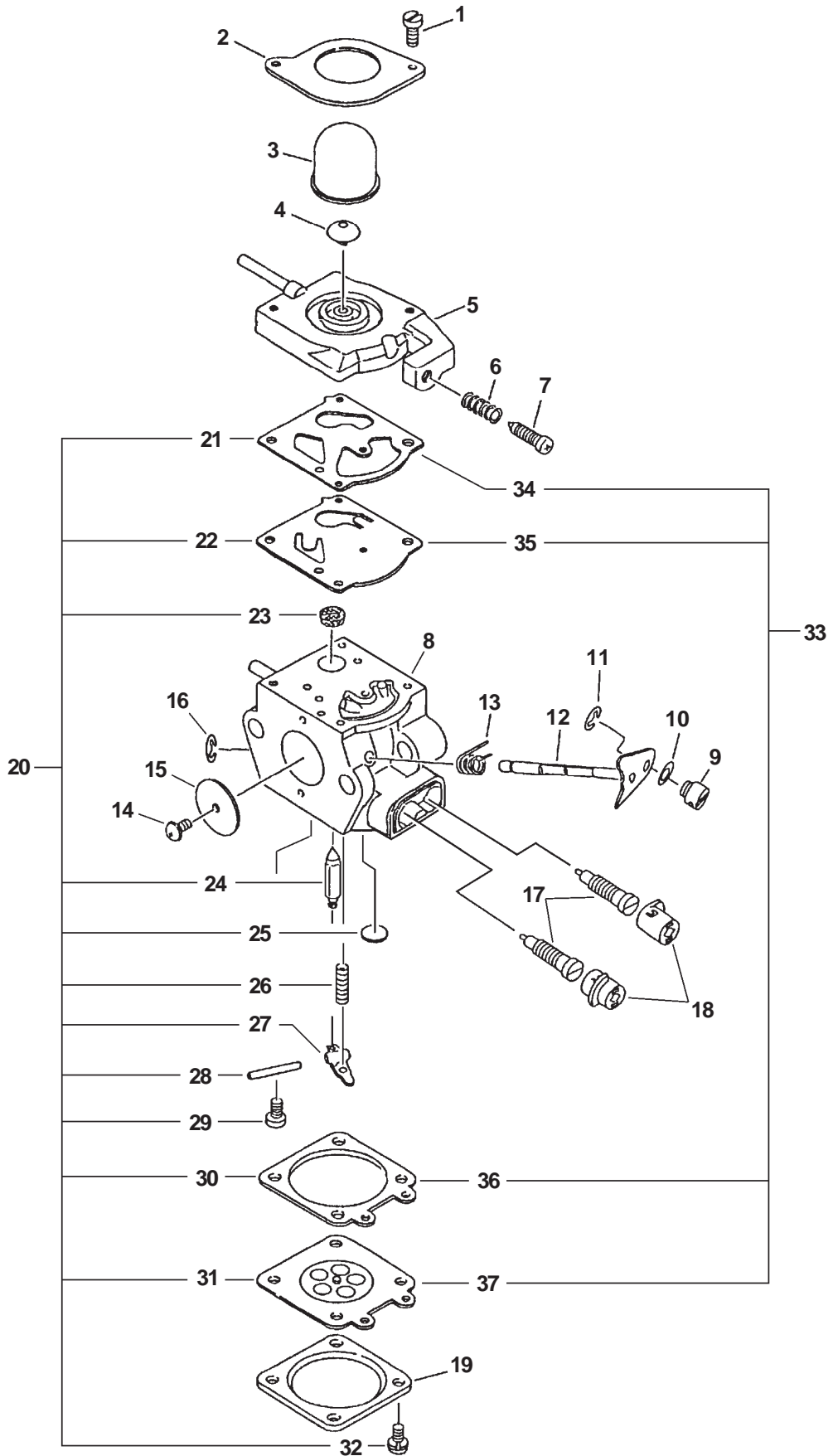


SERIAL NUMBERS: 505900 & UP

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	90083	1	OILER GEAR BOX ASY	INCLUDES ITEMS 2-43
2	C531000030	1	CASE, GEAR UPPER	
3	V253000000	8	SCREW 5X25	
4	C300000000	1	GUARD, SPROCKET	
5	43301903933	2	NUT 6	
6	89011849130	1	LABEL, ECHO	
7	V583000010	1	RING	
8	17501439130	2	WASHER, CIRCULAR 10	
9	C580000070	1	SPROCKET, DRIVE	
10	43301639131	1	BOLT, TENSIONER	
11	43301403931	1	TENSIONER	
12	43700239130	1	AUTO OILER ASY	INCLUDES ITEMS 13-19
13	12312715030	1	CLIP	
14	43701938330	1	SPRING, PLUNGER	
15	43702437330	1	PLUNGER ASY	
16	43706237330	1	CAP, OIL PUMP	
17	43701537330	1	SPRING, ADJUSTER	
18	43702937330	1	WASHER	
19	43701639130	1	ADJUSTER, OILER	
20	V470000180	1	PIPE	
21	43724439130	1	PAD, FOAM	
22	V253000010	2	SCREW 5X10	
23	13011014330	1	IMPULSE PIPE	
24	13211501461	1	GROMMET	
25	43620502832	1	STRAINER, OIL	
26	V224000000	2	BOLT, STUD 6	
27	C531000040	1	CASE, GEAR LOWER	
28	V253000010	1	SCREW 5X10	
29	V651000040	1	GEAR, BEVEL	
30	9405206001	4	BEARING, BALL	
31	90070600012	1	CIRCLIP 12	
32	61002522360	1	CONNECTOR, SHAFT	
33	43706338330	1	GEAR, WORM	
34	90070600012	1	CIRCLIP 12	
35	C534000020	1	SHAFT, GEAR	
36	61031122060	1	GEAR, BEVEL	
37	13131406320	1	VALVE, CHECK	
38	V354000010	1	COLLAR 6	
39	P021000950	1	OIL CAP ASY	
40	C200000000	1	TANK, OIL	
41	13104528230	2	SPACER	
42	V253000030	2	SCREW 5X16	
43	V253000020	1	SCREW 5X16	
44	1120374401	1	GUIDE BAR - 12" (90-VS) -- NARROW**	
45	1121374401	1	GUIDE BAR - 12" (91-VS) -- REGULAR**	
46	1122374401	1	GUIDE BAR - 12" (91-VS) INTENZ -- REGULAR**	
47	1907044	1	CHAIN - 12" (90-VS) -- NARROW**	
48	1917044	1	CHAIN - 12" (91-VS) -- REGULAR**	
49	89851322360	1	COVER, GUIDE BAR	

**** Narrow & Regular Chains & Guide Bars are NOT Interchangeable**

SERIAL NUMBERS: ALL



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ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
	12300052132	1	CARBURETOR--WT-424B	
1	12311043130	2	SCREW, PRIMER PUMP COVER	
2	12314209560	1	COVER, PRIMER PUMP	
3	12318109560	1	PUMP, PRIMER	
4	12317135630	1	VALVE, PURGE CHECK	
5	12312443230	1	COVER, FUEL PUMP	
6	12313304260	1	SPRING, IDLE ADJUST	
7	12313404260	1	SCREW, IDLE ADJUST	
8	-----	1	BODY, CARBURETOR-- NOT AVAILABLE SEPARATELY	
9	12317226030	1	SWIVEL	
10	12314926030	1	WASHER	
11	12317307930	1	CLIP, SWIVEL	
12	12311752130	1	SHAFT, THROTTLE	
13	12311352130	1	SPRING, THROTTLE SHAFT	
14	12311403930	1	SCREW, THROTTLE VALVE	
15	12311652130	1	VALVE, THROTTLE	
16	12312715030	1	CLIP, THROTTLE SHAFT	
17	12312052131	2	NEEDLE, MIXTURE	
18	12315139230	2	CAP, LIMITER	
19	12314203930	1	COVER, METERING DIAPHRAGM	
20	12310052130	1	REPAIR KIT	
21	-----	1	GASKET, FUEL PUMP	
22	-----	1	DIAPHRAGM, FUEL PUMP	
23	-----	1	SCREEN, INLET	
24	-----	1	VALVE, INLET NEEDLE	
25	-----	1	PLUG, WELCH	
26	-----	1	SPRING, METERING LEVER	
27	-----	1	LEVER, METERING	
28	-----	1	PIN, METERING LEVER	
29	-----	1	SCREW, METERING LEVER	
30	-----	1	GASKET, METERING DIAPHRAGM	
31	-----	1	DIAPHRAGM, METERING	
32	-----	4	SCREW, COVER METERING DIAPHRAGM	
33	12310152130	1	DIAPHRAGM/GASKET KIT	
34	-----	1	GASKET, FUEL PUMP	
35	-----	1	DIAPHRAGM, FUEL PUMP	
36	-----	1	GASKET, METERING DIAPHRAGM	
37	-----	1	DIAPHRAGM, METERING	