



AVAILABLE ATTACHMENTS & ACCESSORIES

Accessories

103942147	CS Carry Bag
89850308032	Bar & Chain Cover - 17"
89850308033	Bar & Chain Cover - 20"
99988800308	CS Lanyard Strap w_Ring
99988801205	CS Fixed Nose Case

Guide Bars

16A0AD3366	Guide Bar - 16" (.050" Ga) -- ProAm Double Guard
18A0AD3372	Guide Bar - 18" (.050" Ga) -- ProAm Double Guard
20A0AD3378	Guide Bar - 20" (.050" Ga) -- ProAm Double Guard

Sawing Chains

33SL66G	Sawing Chain - 16" (.050" Ga) -- Pro Guard
33SL72G	Sawing Chain - 18" (.050" Ga) -- Pro Guard
33SL78G	Sawing Chain - 20" (.050" Ga) -- Pro Guard

PARTS CATALOG

CS-440 Chain Saw

43.6cc

SERIAL NUMBERS

S/N: C09112001001 - C09112999999

ECHO, INCORPORATED

400 Oakwood Road Lake Zurich, Illinois 60047 USA

WWW.ECHO-USA.COM



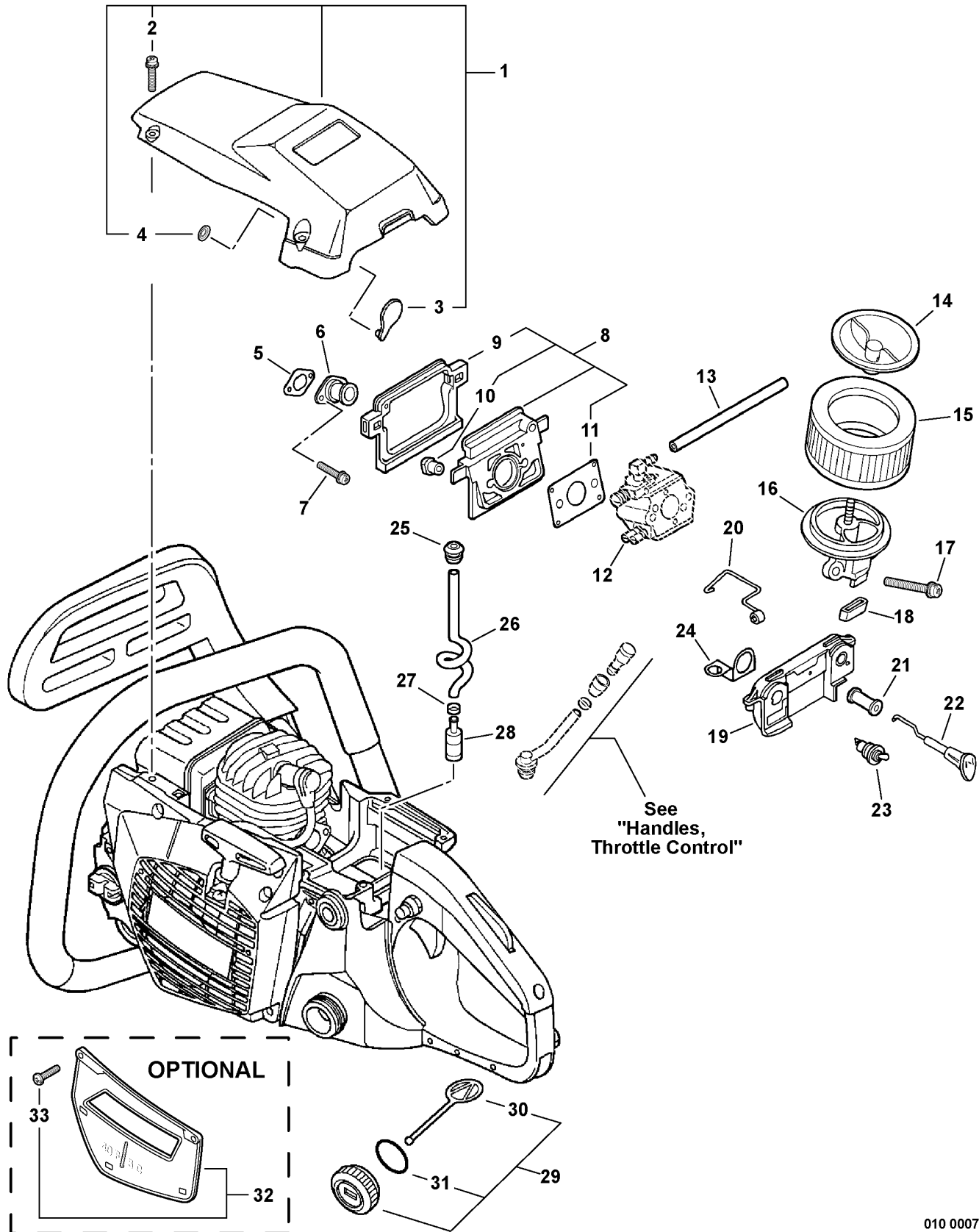
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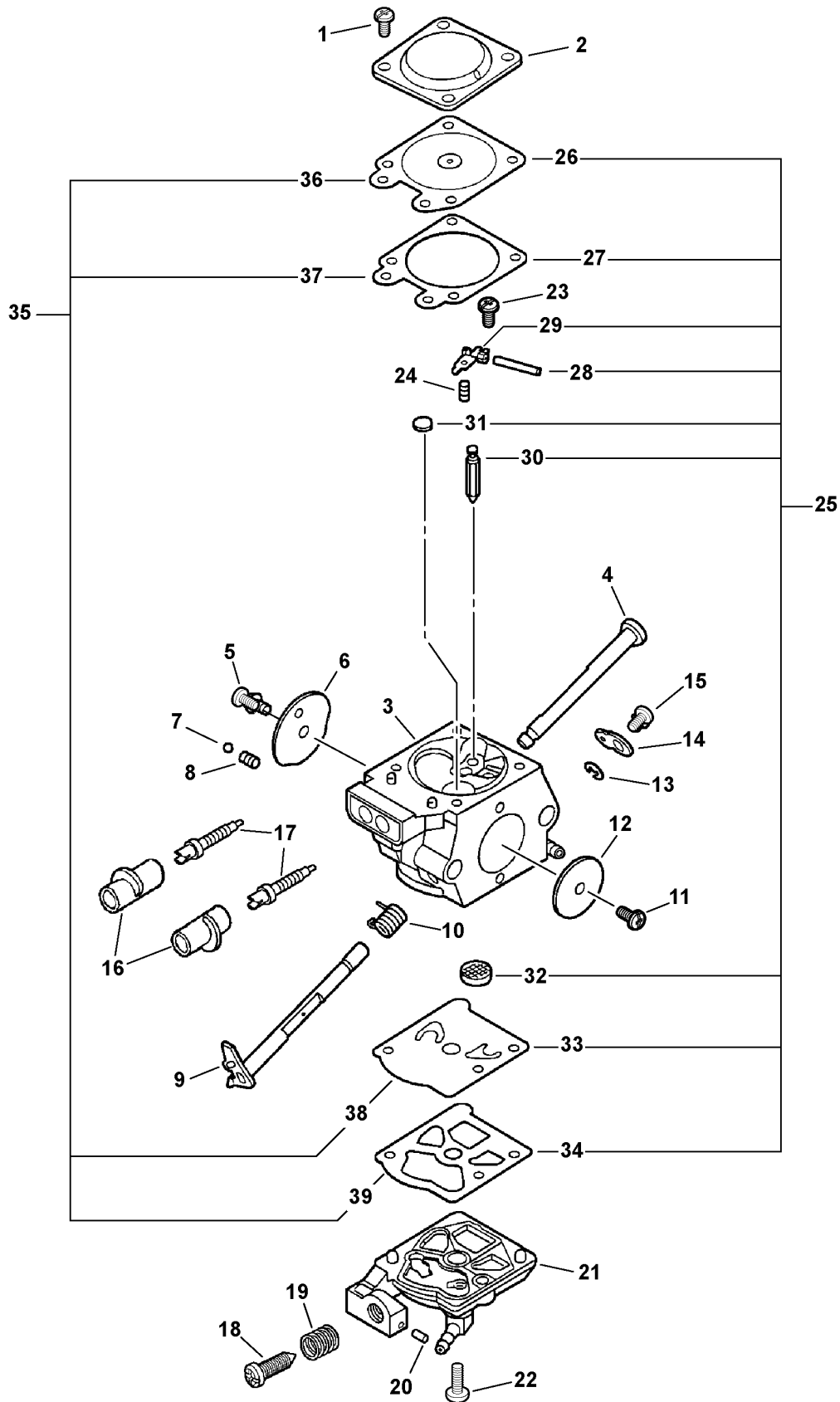
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010 0007 000

CS-440 Chain Saw
Cylinder Cover, Intake, Fuel System, Ignition Switch

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	P021006570	1	CYLINDER COVER ASY	INCLUDES ITEMS 2-4
2	16389038330	3	SCREW 5	
3	10157938330	1	PLATE, WIND PROOF	
4	90058000004	1	PUSH, RING	
5	13001639930	1	GASKET, INTAKE	
6	13051039932	1	ADAPTER, INTAKE	
7	90023805012	2	SCREW 5X12	
8	13000038330	1	INSULATOR KIT	INCLUDES ITEMS 9-11
9	13036638330	1	CUSHION	
10	13002033330	2	NUT	
11	13001038330	1	GASKET, INTAKE	
12	12300039333	1	CARBURETOR -- WT-416C	
13	13011038330	1	PIPE, IMPULSE	
14	13040538331	1	CAP, AIR CLEANER	
15	13031038331	1	FILTER, AIR	
16	13030138332	1	ELBOW, CARBURETOR	
17	90016205050	2	SCREW 5X50	
18	13043038330	1	CUSHION	
19	16381038932	1	BRACKET	
20	17801138331	1	ROD, THROTTLE	
21	17881014532	1	GROMMET	
22	17851038330	1	ROD, CHOKE	
23	16340038330	1	SWITCH, IGNITION	
24	16341338930	1	TERMINAL, SWITCH	
25	13211504920	1	GROMMET	
26	13201038331	1	PIPE, FUEL	
27	13201326630	1	CLIP	
28	13120519830	1	FILTER, FUEL	
29	13100437931	1	FUEL TANK CAP ASY	INCLUDES ITEMS 30-31
30	A365000050	1	RETAINER, CAP	
31	90072000022	1	O-RING 22	
32	P021008860	1	SNOW SHIELD KIT	OPTIONAL
33	90023504014	2	SCREW 4X14	

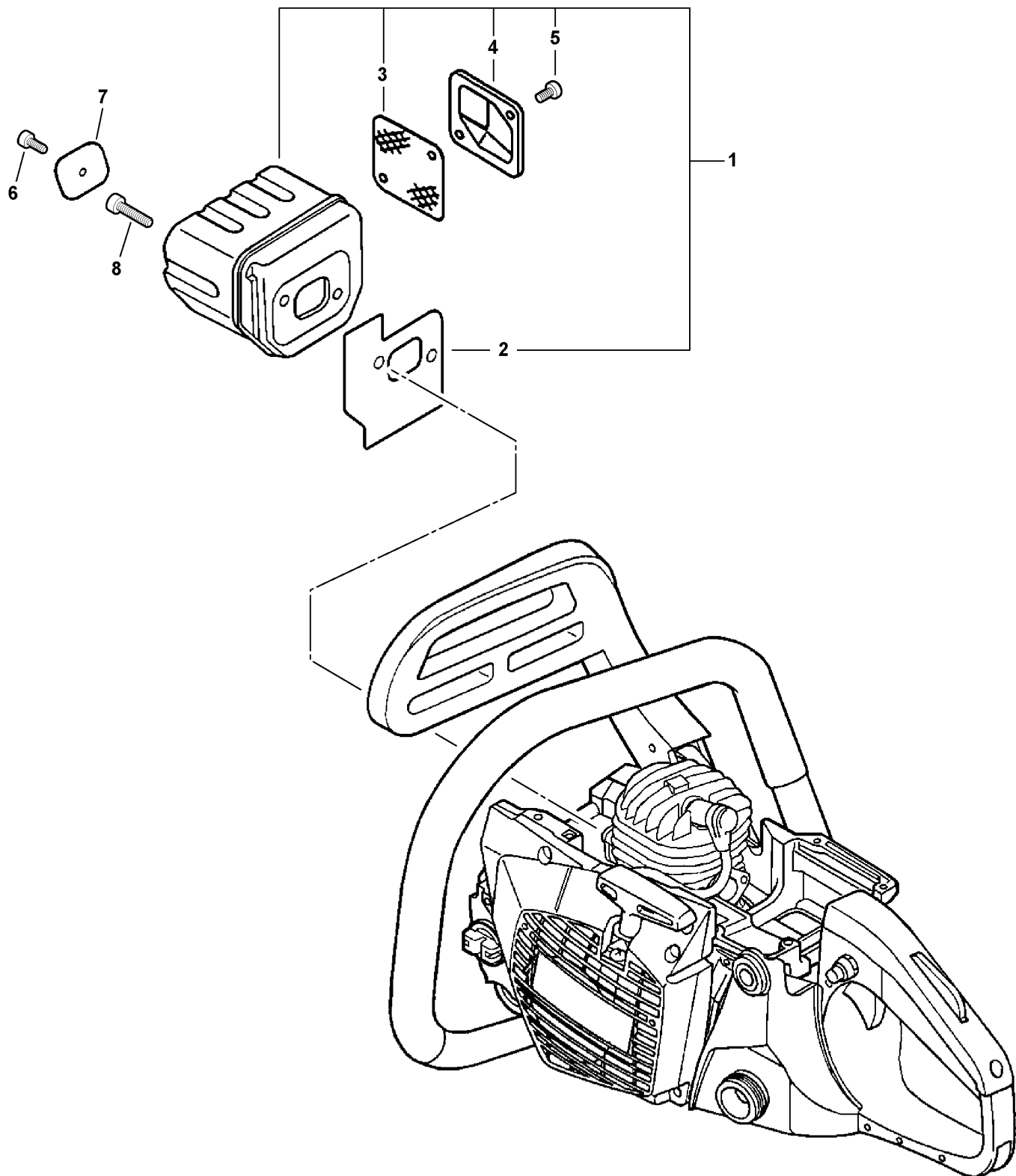


WT416C 0000 000

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
	12300039333	1	CARBURETOR -- WT-416C	
1	12313002960	4	SCREW, METERING DIAPHRAGM COVER	
2	12314203930	1	COVER, METERING DIAPHRAGM	
3	-----	1	BODY, CARBURETOR ¹	
4	12313135430	1	SHAFT, CHOKE	
5	12311433830	1	SCREW, CHOKE VALVE	
6	12313237330	1	VALVE, CHOKE	
7	12313610630	1	BALL, CHOKE FRICTION	
8	12313510630	1	SPRING, CHOKE FRICTION BALL	
9	12311739330	1	SHAFT, THROTTLE	
10	12311337530	1	SPRING, THROTTLE RETURN	
11	12311433830	1	SCREW, THROTTLE VALVE	
12	12311610530	1	VALVE, THROTTLE	
13	12312715030	1	CLIP, THROTTLE SHAFT	
14	12315038330	1	LEVER, THROTTLE	
15	12311433830	1	SCREW, THROTTLE LEVER	
16	P003000010	2	CAP, MIXTURE LIMITER	
17	12312003661	2	NEEDLE, ADJUSTMENT	
18	12313404260	1	SCREW, IDLE ADJUST	
19	12313304260	1	SPRING, IDLE ADJUST	
20	12317815030	1	PLUG, FRICTION	
21	12312438330	1	COVER, FUEL PUMP	
22	12311003930	1	SCREW, PUMP COVER	
23	12313903930	1	SCREW, METERING LEVER PIN	
24	12312239330	1	SPRING, METERING LEVER	
25	12310037330	1	REPAIR KIT	INCLUDES ITEM 26-34
26	-----	1	DIAPHRAGM, METERING	
27	-----	1	GASKET, METERING DIAPHRAGM	
28	-----	1	PIN, METERING LEVER	
29	-----	1	LEVER, METERING	
30	-----	1	VALVE, INLET NEEDLE	
31	-----	1	PLUG, WELCH	
32	-----	1	SCREEN, INLET	
33	-----	1	DIAPHRAGM, FUEL PUMP	
34	-----	1	GASKET, FUEL PUMP	
35	12310137330	1	DIAPHRAGM/GASKET KIT	INCLUDES ITEM 36-39
36	-----	1	DIAPHRAGM, METERING	
37	-----	1	GASKET, METERING DIAPHRAGM	
38	-----	1	DIAPHRAGM, FUEL PUMP	
39	-----	1	GASKET, FUEL PUMP	

Footnotes

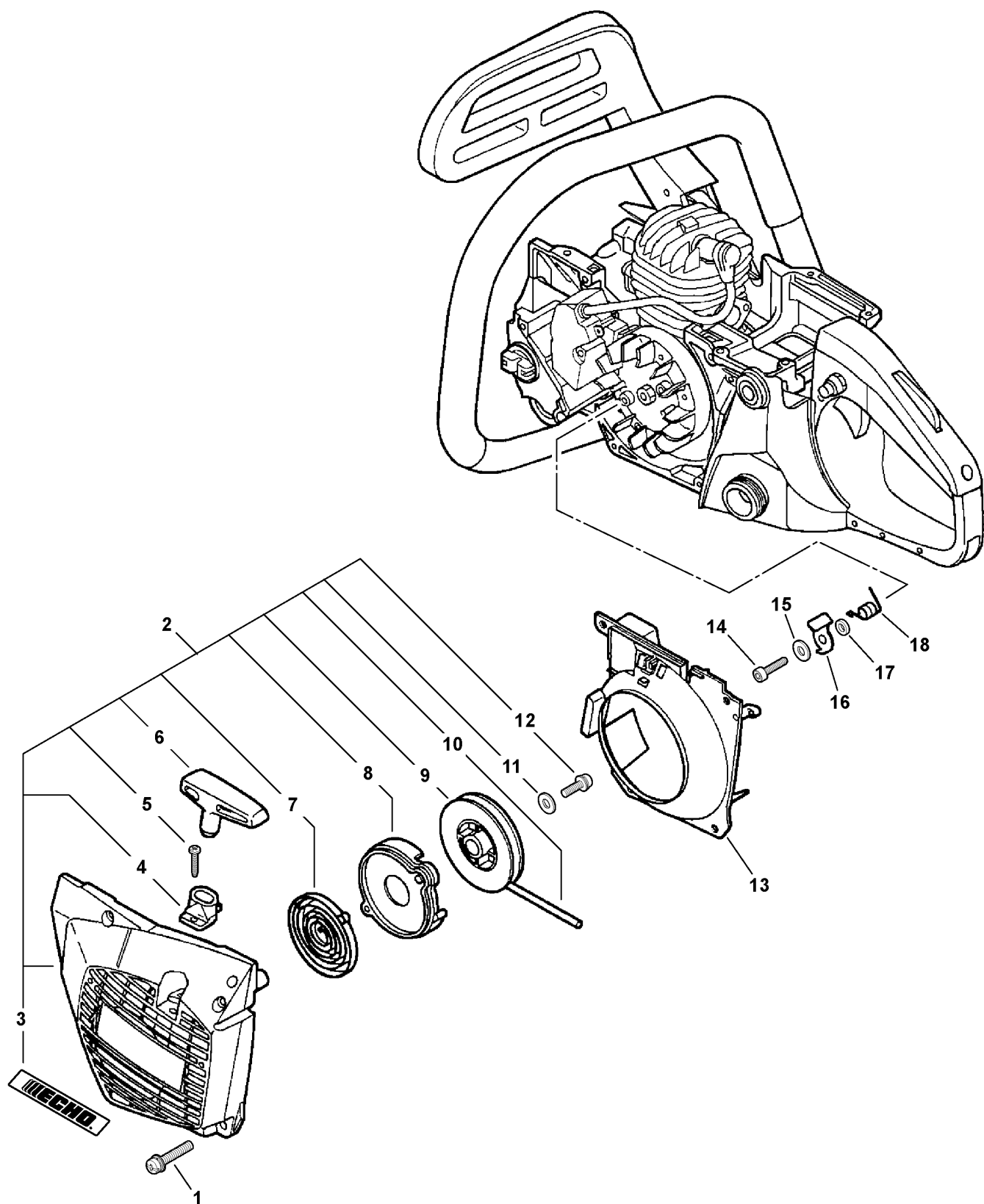
1: NOT AVAILABLE SEPARATELY



011 0006 000

CS-440 Chain Saw**Exhaust**

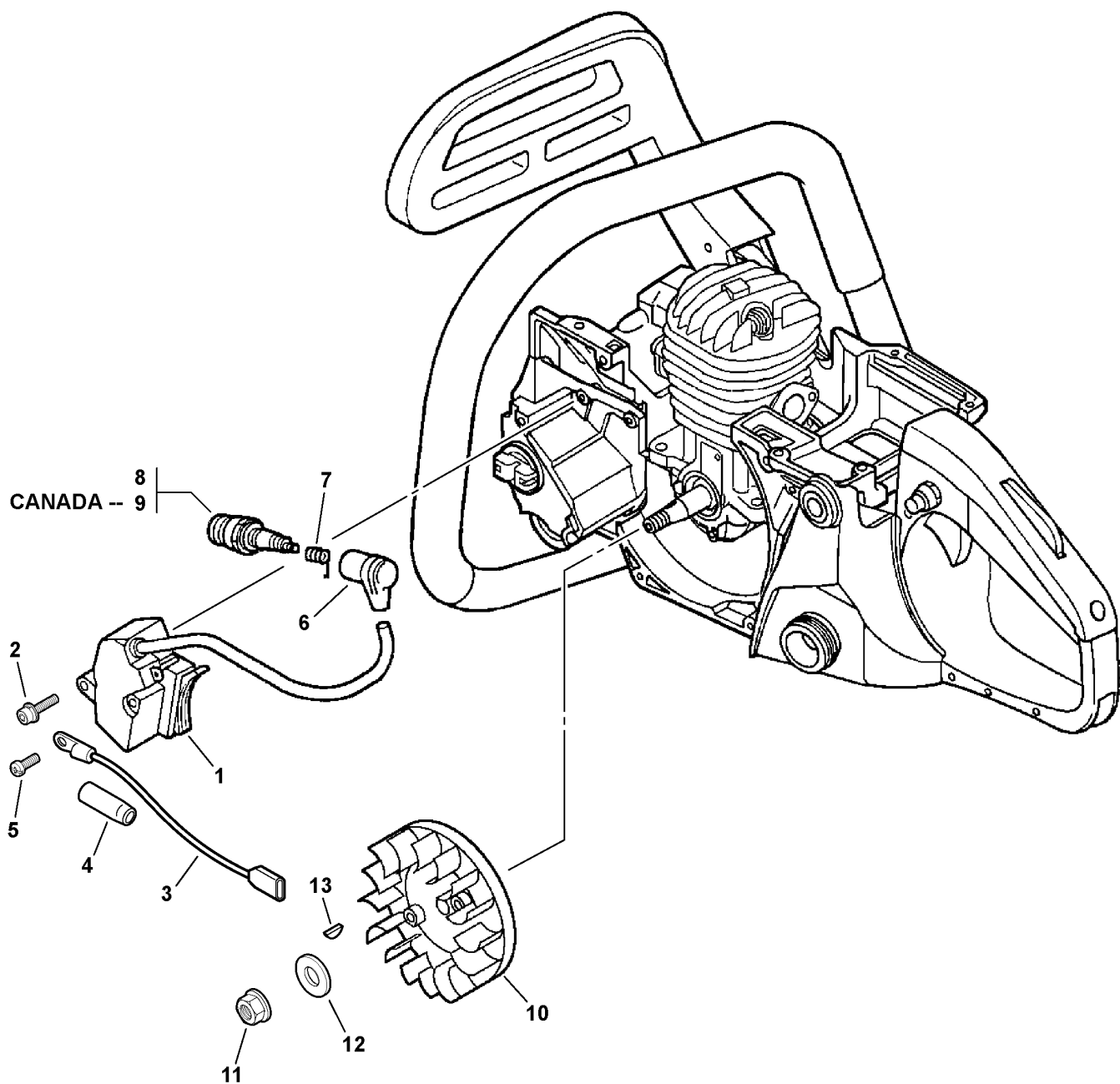
ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	P021006591	1	MUFFLER ASY	INCLUDES ITEMS 2-5
2	V104000580	1	GASKET, EXHAUST	
3	14588439330	1	SCREEN	
4	A303000050	1	GUIDE, EXHAUST	
5	90025004008	2	SCREW 4X8	
6	90010504006	1	SCREW 4X6	
7	14571160631	1	PLATE	
8	90010505014	2	SCREW 5X14	



015 0005 000

CS-440 Chain Saw
Starter

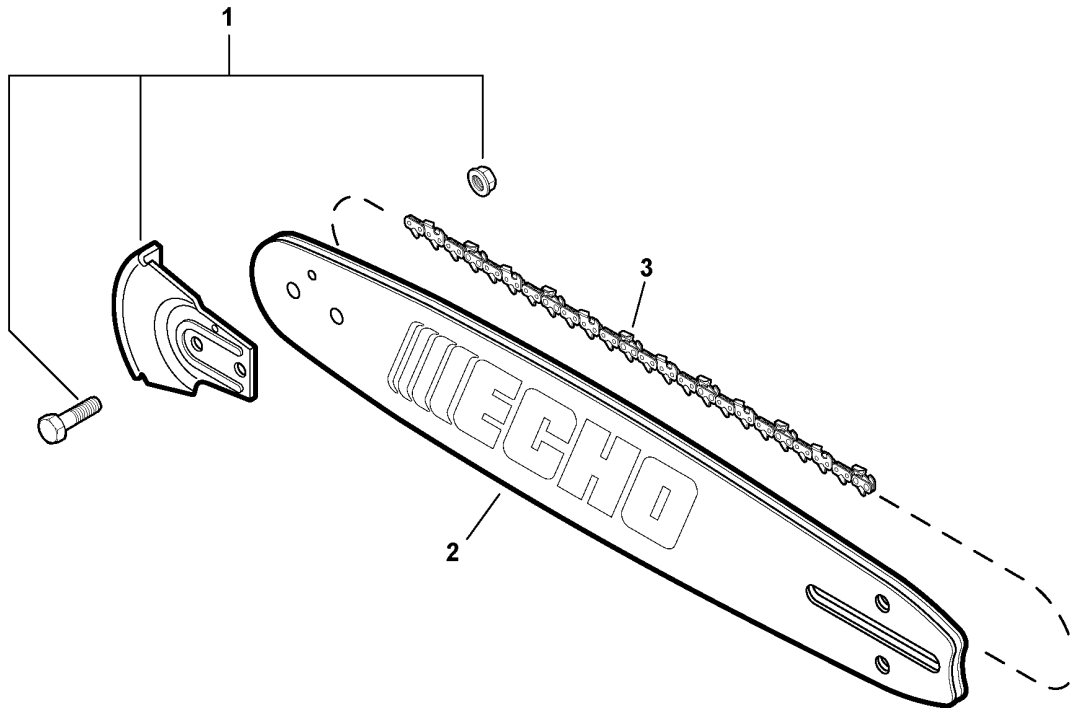
ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	90023805018	4	SCREW 5X18	
2	17720039335	1	STARTER ASY	INCLUDES ITEMS 3-12
3	X502000010	1	LABEL - ECHO	
4	17722737930	1	GUIDE, ROPE	
5	90029603014	1	SCREW 3X14	
6	17722835430	1	GRIP, STARTER	
7	17722035430	1	SPRING, REWIND	
8	17722138330	1	PLATE, STARTER	
9	17721538330	1	DRUM, STARTER	
10	17722638330	1	ROPE, STARTER - 3.5X 960mm	REPOWER BULK OPTION: 99944445000
11	17721402830	1	WASHER	
12	90023805012	1	SCREW 5X12	
13	A172000062	1	COVER, FAN	
14	V203000090	2	SCREW 5X14	
15	90060300005	2	WASHER 5	
16	17721819830	2	PAWL, STARTER	
17	17724704630	2	SPACER	
18	17723435430	2	SPRING, RETURN	



018 0006 000

CS-440 Chain Saw
Ignition

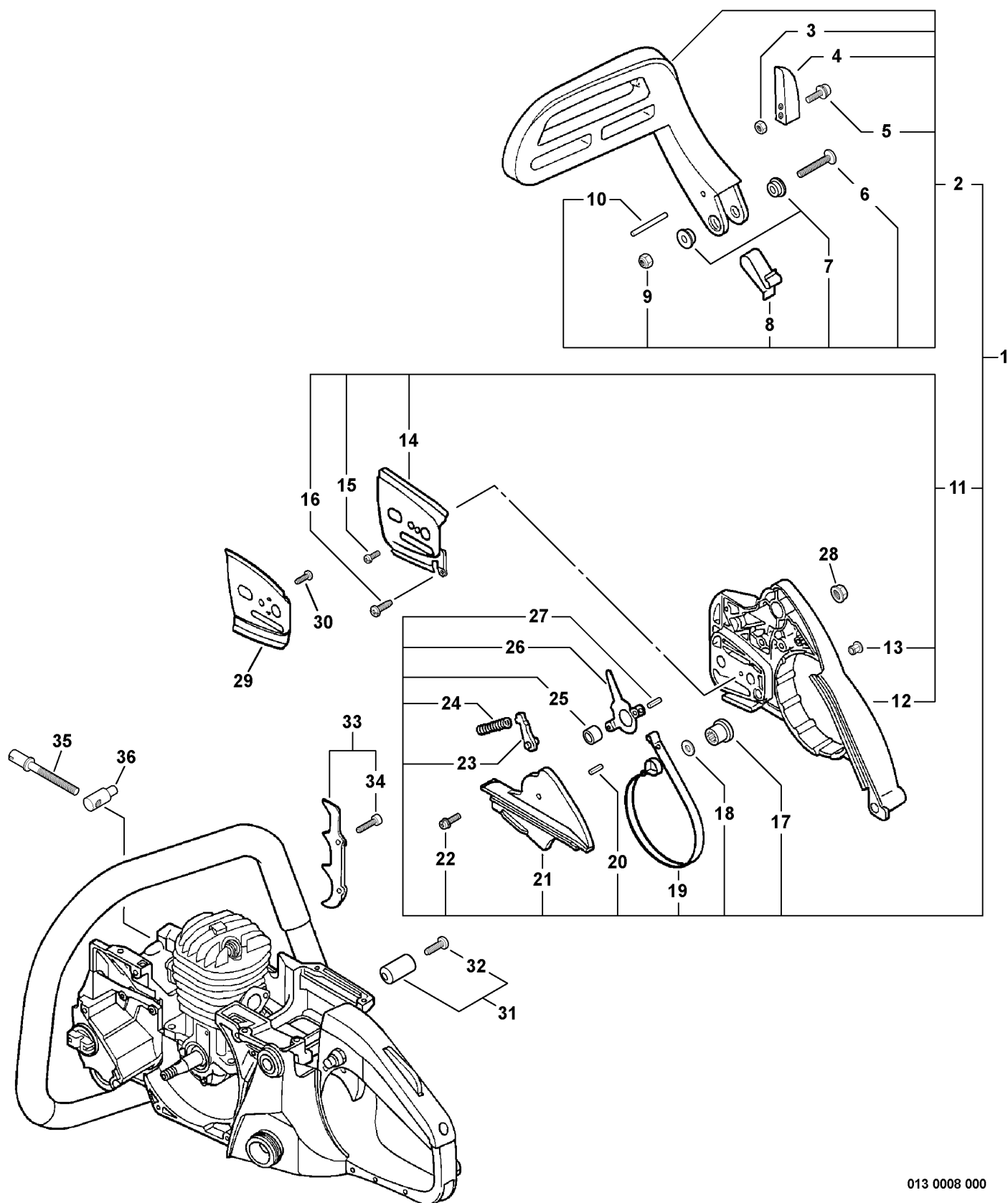
ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	A411000180	1	COIL, IGNITION	
2	90016204030	2	SCREW 4X30	
3	16201038331	1	LEAD, GROUND	
4	C483000000	1	BOOT, CONNECTOR	
5	90022004006	1	SCREW 4X6	
6	15901201620	1	CAP, SPARK PLUG	
7	15901103432	1	TERMINAL, SPARK PLUG CAP	
8	15901019830	1	SPARK PLUG -- BPM-8Y	
9	A425000000	1	SPARK PLUG -- BPMR-8Y	CANADA MODELS
10	A4090000080	1	FLYWHEEL	
11	90050000008	1	NUT 8	
12	90060500008	1	SPRING WASHER 8	
13	10014239130	1	WOODRUFF KEY	



016 0007 000

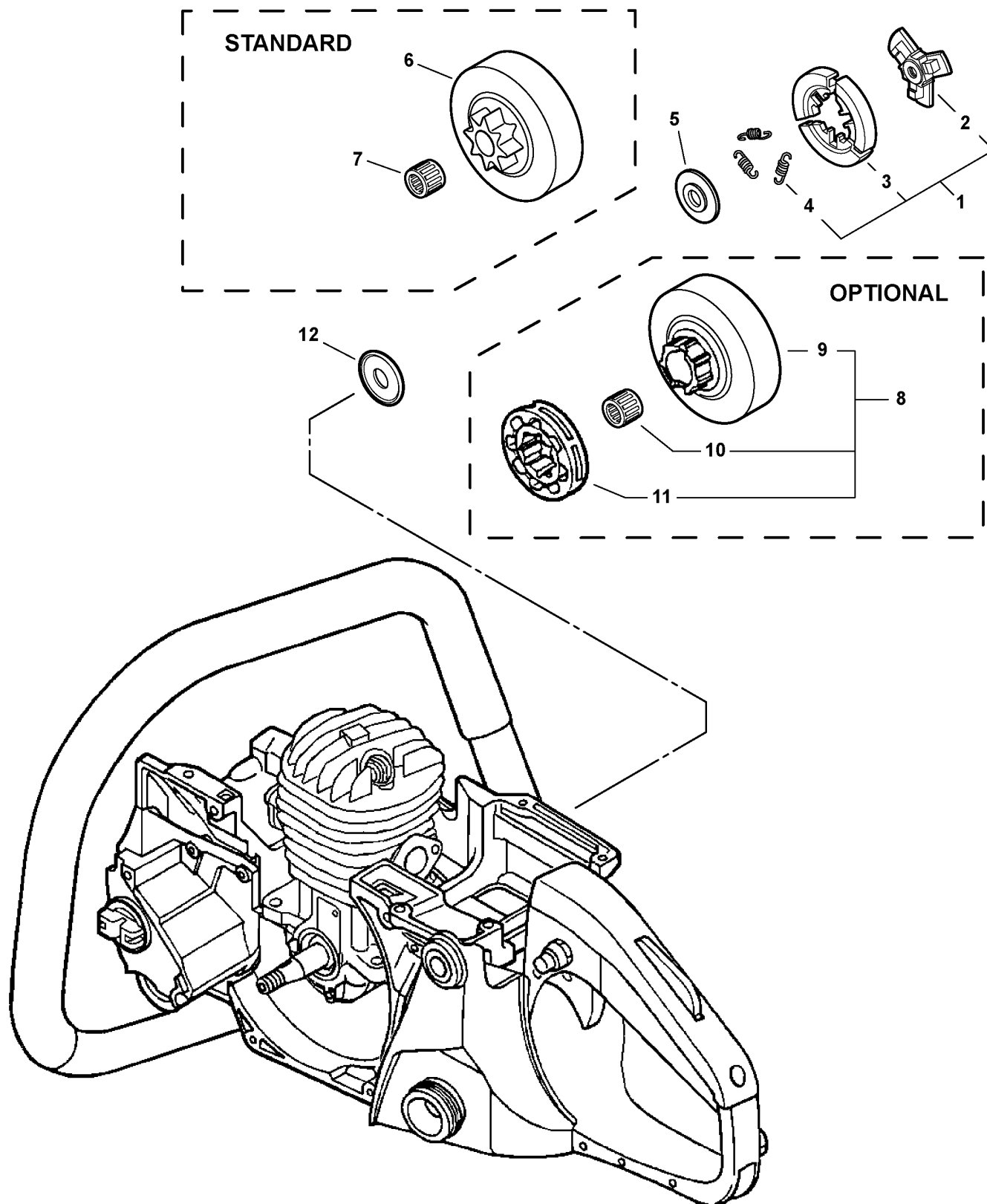
CS-440 Chain Saw**Guide Bar, Sawing Chain, Kick Guard**

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	2893201	1	KICK GUARD KIT	
2	16A0AD3366	1	GUIDE BAR - 16" -- ProAm Double Guard	GAUGE: .050"
2	18A0AD3372	1	GUIDE BAR - 18" -- ProAm Double Guard	GAUGE: .050"
2	20A0AD3378	1	GUIDE BAR - 20" -- ProAm Double Guard	GAUGE: .050"
3	33SL66G	1	SAWING CHAIN - 16" -- Pro Guard	GAUGE: .050" / PITCH: .325"
3	33SL72G	1	SAWING CHAIN - 18" -- Pro Guard	GAUGE: .050" / PITCH: .325"
3	33SL78G	1	SAWING CHAIN - 20" -- Pro Guard	GAUGE: .050" / PITCH: .325"



013 0008 000

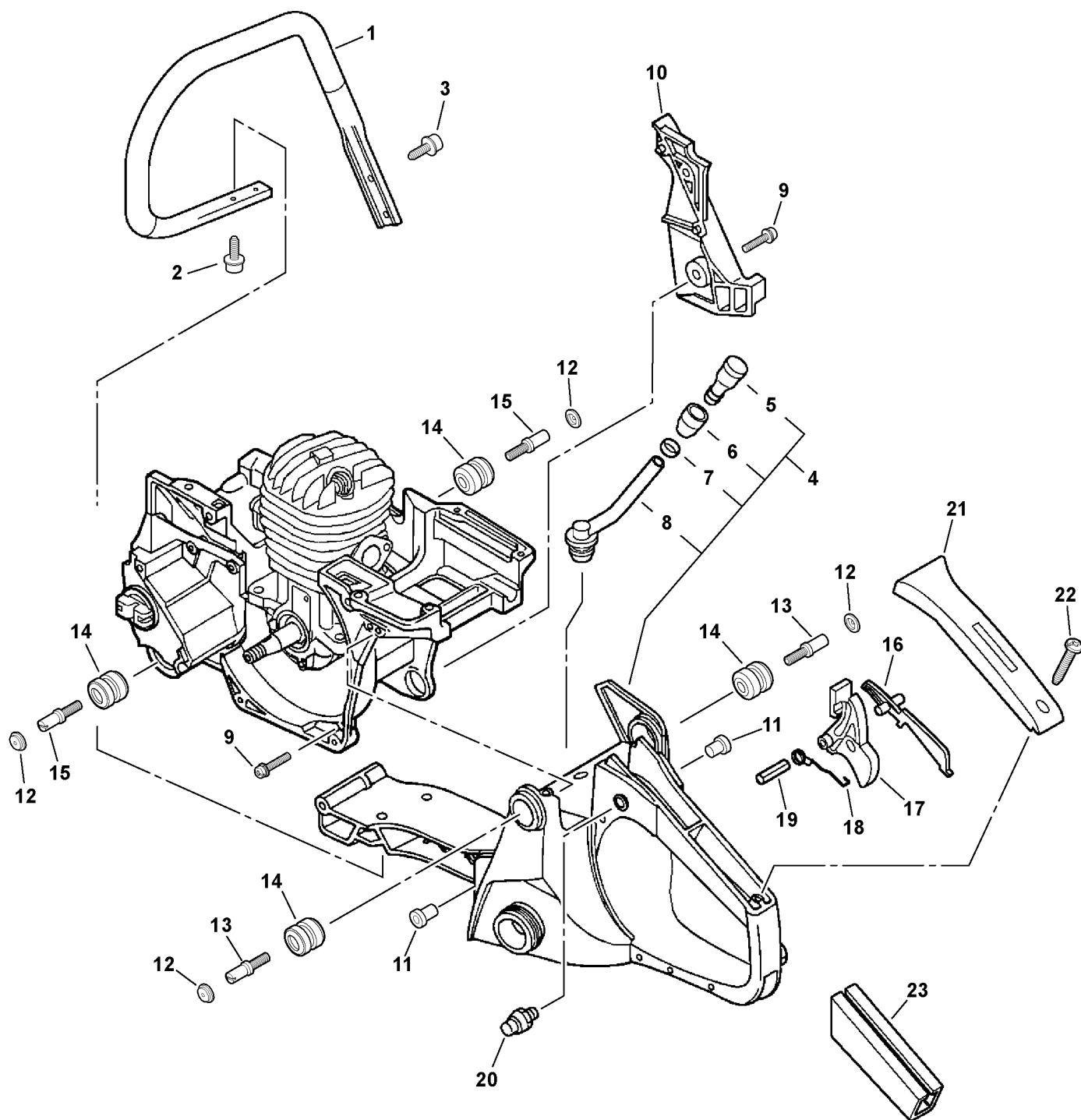
ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	43310039037	1	CHAIN BRAKE ASY	INCLUDES ITEMS 2-27
2	43320139031	1	BRAKE LEVER ASY	INCLUDES ITEMS 3-10
3	90050000004	2	NUT 4	
4	43317139330	1	WEIGHT, BRAKE	
5	90023804018	2	SCREW 4X18	
6	9131805032	1	SCREW 5X32	
7	43316739130	2	SPACER	
8	43311438331	1	SPRING	
9	90056250005	1	LOCKNUT	
10	90033030240	1	PIN 3X24	
11	P021001280	1	SPROCKET GUARD ASY	INCLUDES ITEMS 12-16
12	43300539333	1	GUARD, SPROCKET	
13	V162000020	1	PLUG	
14	C3050000001	1	PLATE, SPROCKET GUARD	
15	90022003006	1	SCREW 3X6	
16	90025304010	1	SCREW 4X10	
17	43314235430	1	ADJUSTER, BRAKE	
18	V304000090	1	WASHER	
19	C328000060	1	BAND, BRAKE	
20	90034225012	1	SPRING PIN 2.5X12	
21	43331039330	1	COVER, BRAKE	
22	90025304010	1	SCREW 4X10	
23	43320935430	1	STOPPER, BRAKE	
24	43312235430	1	SPRING, BRAKE	
25	43311538330	1	WASHER 5.2X12X14	
26	43320835431	1	LEVER, BRAKE	
27	90033040088	1	ROLLER 4X8.8	
28	43301912330	2	FLANGE NUT 8	
29	43301335431	1	PLATE, GUIDE - INNER	
30	90022004006	1	SCREW 4X6	
31	43300019831	1	CHAIN CATCHER KIT	INCLUDES ITEM 32
32	90022005018	1	SCREW 5X18	
33	88020038330	1	SPIKED BUMPER KIT	
34	90010505012	2	SCREW 5X12	
35	43301638330	1	SCREW, TENSIONER	
36	43301419830	1	TENSIONER	



014 0005 US0

CS-440 Chain Saw
Clutch

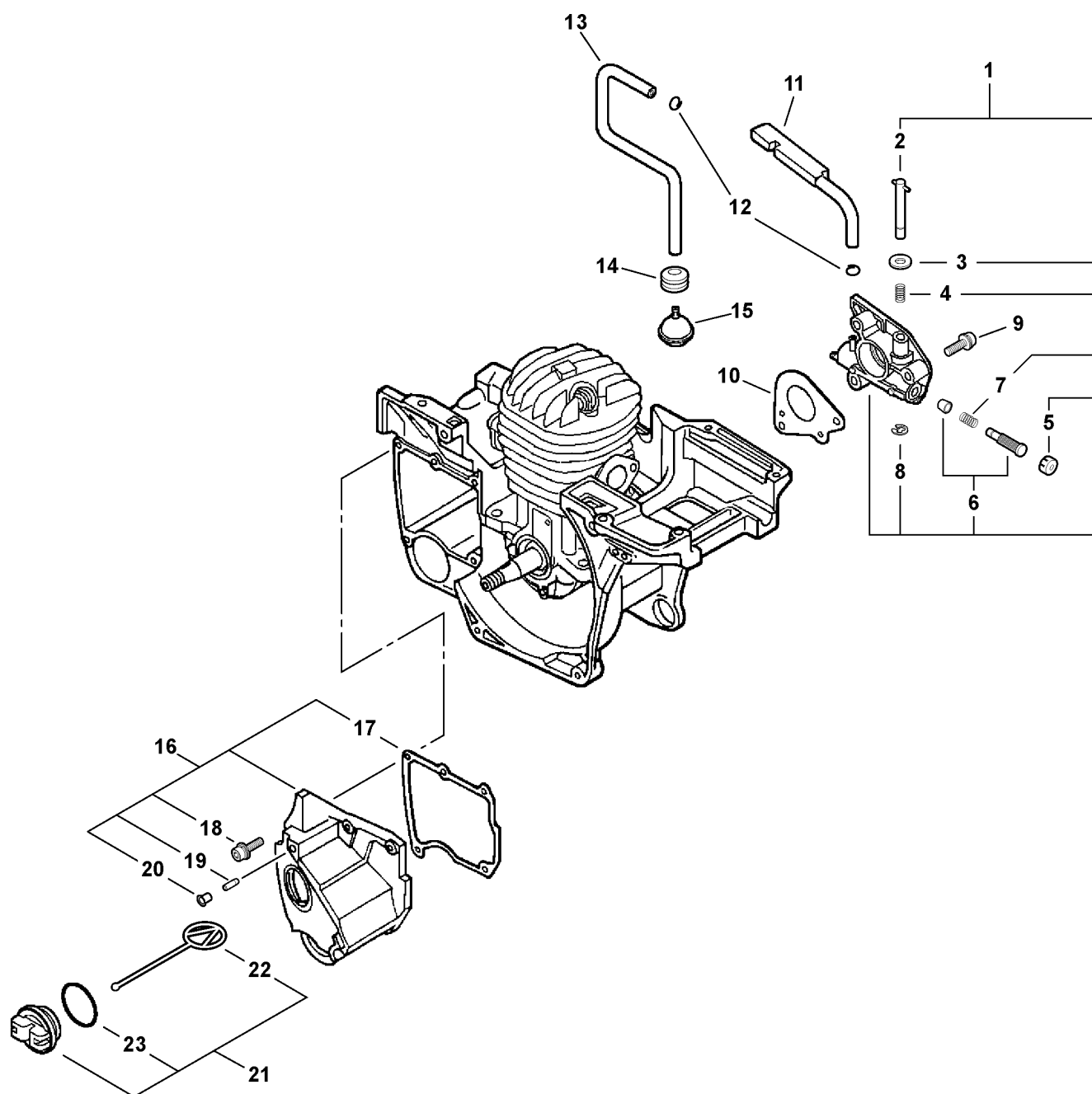
ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	A056000120	1	CLUTCH ASY	INCLUDES ITEMS 2-4
2	A552000060	1	HUB, CLUTCH	
3	P021007050	1	CLUTCH SHOE SET	
4	V451000500	3	SPRING, CLUTCH	
5	17501939430	1	PLATE, CLUTCH	
6	A556000171	1	DRUM, CLUTCH	
7	17501200831	1	BEARING, NEEDLE	
8	900200	1	RIM SPROCKET KIT	INCLUDES ITEMS 9-10
9	17510535430	1	DRUM, CLUTCH	
10	17501214630	1	BEARING, NEEDLE	
11	17511412530	1	SPROCKET, RIM	
12	17501938330	1	PLATE, CLUTCH	



012 0006 000

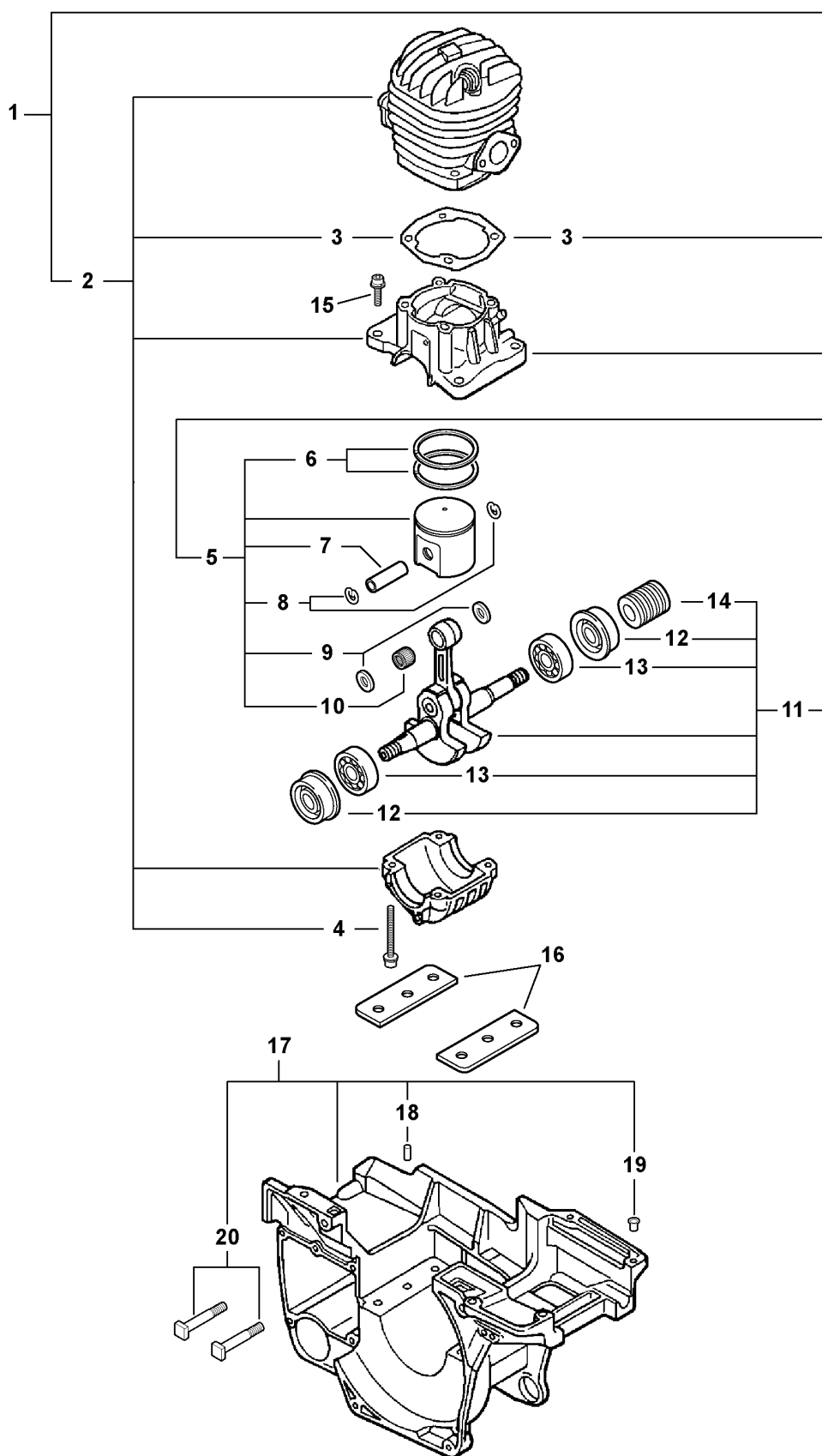
CS-440 Chain Saw
Handles, Throttle Control

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	35160638330	1	HANDLE, FRONT	
2	9114505016	2	SCREW 5X16	
3	9114505020	2	SCREW 5X20	
4	P021006600	1	REAR HANDLE ASY	INCLUDES ITEMS 5-8
5	A356000030	1	VENT ASY	
6	13132840630	1	COVER, VENT	
7	13201326630	1	CLIP	
8	13201239330	1	PIPE, W/GROMMET	
9	90023805016	3	SCREW 5X16	
10	43304539332	1	COVER	
11	10091038330	2	CUSHION	
12	10091838330	4	CAP, CUSHION	
13	10091532530	2	SCREW	
14	10092138330	4	CUSHION	
15	10091533930	2	SCREW	
16	17809037930	1	LOCKOUT, THROTTLE CONTROL	
17	C450000000	1	TRIGGER, THROTTLE	
18	17804335430	1	SPRING, THROTTLE RETURN	
19	90034540030	1	SPRING PIN 4X30	
20	17830237930	1	LATCH, THROTTLE	
21	35115535430	1	COVER, HANDLE	
22	90025304014	1	SCREW 4X14	
23	35111119830	1	GRIP, HANDLE	



017 0005 000

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	43700238330	1	AUTO-OILER ASY	INCLUDES ITEMS 2-8
2	43701638330	1	NEEDLE, ADJUST	
3	43702937330	1	WASHER	
4	43701537330	1	SPRING	
5	43706238330	1	CAP, OIL PUMP	
6	43702437330	1	PLUNGER	
7	43701938330	1	SPRING	
8	12312715030	1	CIRCLIP	
9	90022304016	2	SCREW 4X16	
10	17531038330	1	PLATE, SEAL	
11	43722938331	1	PIPE, OIL DISCHARGE	
12	13201326630	2	CLIP	
13	43721038330	1	PIPE, FUEL	
14	13211512330	1	GROMMET	
15	43620514730	1	FILTER, OIL	
16	43600539332	1	OIL TANK ASY	INCLUDES ITEMS 10-13
17	43601938330	1	GASKET, OIL TANK	
18	90016304016	3	SCREW 4X16	
19	43611413930	1	VALVE, CHECK	
20	43601838330	1	COLLAR	
21	43600165631	1	OIL TANK CAP ASY	INCLUDES ITEMS 15-16
22	A365000050	1	CONNECTOR, FUEL CAP	
23	90072502025	1	O-RING	



SB1082 0001 000

CS-440 Chain Saw
Engine, Short Block -- SB1082, Engine Cover

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	SB1082	1	SHORT BLOCK ¹	INCLUDES ITEM 2-14
2	P021006561	1	CRANKCASE SET	INCLUDES ITEM 3-4
3	V100000131	1	GASKET, CYLINDER	
4	90016205055	4	SCREW 5X55	
5	P021006551	1	PISTON KIT	INCLUDES ITEMS 6-10
6	10001133730	2	RING, PISTON	
7	V607000000	1	PIN, PISTON	
8	10001503931	2	CIRCLIP, PISTON PIN	
9	10001235430	1	BEARING, NEEDLE	
10	10001419730	2	SPACER, PISTON PIN	
11	P021006541	1	CRANKSHAFT ASY	INCLUDES ITEMS 12-14
12	V505000010	2	SEAL, OIL	
13	9403536201	2	BEARING, BALL - 6201	
14	43706338330	1	GEAR, WORM	
15	90016205022	4	SCREW 5X22	
16	V150001740	2	EYE PLATE	
17	P021003100	1	COVER, ENGINE	INCLUDES ITEMS 18-20
18	V622000020	2	DOWEL PIN	
19	43601838330	2	COLLAR	
20	43301119830	2	STUD, GUIDE BAR	

Footnotes

1: OPTIONAL ENGINE REPOWER



⚠ WARNING

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TO AVOID KICKBACK

1. Hold the chain saw firmly with both hands

2. Don't let the nose of the guide bar contact any obstruction.

3. Tip contact may suddenly move the guide bar upward and backward, which may cause serious injury

REPLACEMENT BAR AND CHAIN

GUIDE BAR*	CHAIN*
PART NO.	TYPE LINKS
16" 16A0AD3366	OREGON 33SL 66
18" 18A0AD3372	OREGON 33SL 72
20" 18A0AD3378	OREGON 33SL 78

*Or equivalent

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CS-440

**WARNING!!** Read and follow all safety precautions in the instruction manual. Failure to follow instructions could result in serious personal injury.



CS-440 Chain Saw**Labels**

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	X505002040	1	LABEL - WARNING	
2	X502000000	1	LABEL - ECHO	
3	X503005160	1	LABEL - MODEL -- CS-440	
4	89015737330	1	LABEL - STOP	
5	X502000010	1	LABEL - ECHO	
6	X524000400	1	LABEL - BAR & CHAIN	
7	89019130131	1	LABEL - KICK BACK	

WRENCH W/SCREWDRIVER (Also Remove Spark Plugs)

1 - 89541010630 -- 17X19mm

2 - X602000020 -- 17X19mm

3 - 89541039131 -- 10X19mm

4 - 89541006960 -- 13X19mm

BOX WRENCH

5 - X602000031 -- 17X14.5mm

LOCKING BAR

6 - 89751801131 -- 5X120mm

SPANNER

7 - 89511200330 -- 8X10mm

8 - 89512220960 -- 17X19mm

9 - 89501505260 -- 10mm

HEX BAR

10 - 89541220960 -- 10mm

L-WRENCH

11 - 89561203430 -- 3mm

12 - 89561000130 -- 4mm

13 - 89561100330 -- 5mm

SCREWDRIVER

14 - 89581100130 -- 125mm

15 - 89581203930 -- 50mm

200 0001 000

CS-440 Chain Saw

Tools

ITEM	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	89541010630	1	WRENCH/SCREWDRIVER -- 17X19mm	
2	X602000020	1	WRENCH/SCREWDRIVER -- 17X19mm	
3	89541039131	1	WRENCH/SCREWDRIVER -- 10X19mm	
4	89541006960	1	WRENCH/SCREWDRIVER -- 13X19mm	
5	X602000031	1	BOX WRENCH -- 17X14.5mm	
6	89751801131	1	LOCKING BAR -- 5X120mm	
7	89511200330	1	SPANNER -- 8X10mm	
8	89512220960	1	SPANNER -- 17X19mm	
9	89501505260	1	SPANNER -- 10mm	
10	89541220960	1	HEX BAR -- 10mm	
11	89561203430	1	L-WRENCH -- 3mm	
12	89561000130	1	L-WRENCH -- 4mm	
13	89561100330	1	L-WRENCH -- 5mm	
14	89581100130	1	SCREWDRIVER -- 125mm	
15	89581203930	1	SCREWDRIVER -- 50mm	



Part Number Index

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10001419730	25	17722035430	11	90010504006	9	V622000020	25
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