



ILLUSTRATED PARTS LIST

MODEL #CE-2166RS

CUTTERS EDGE®

Cutters Edge, Division of Edge Industries, Inc.

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June 2013

Q:\ Good Documents \ Manuals & Products \ CE2166RS IPL

EAST COAST SERVICE CENTER

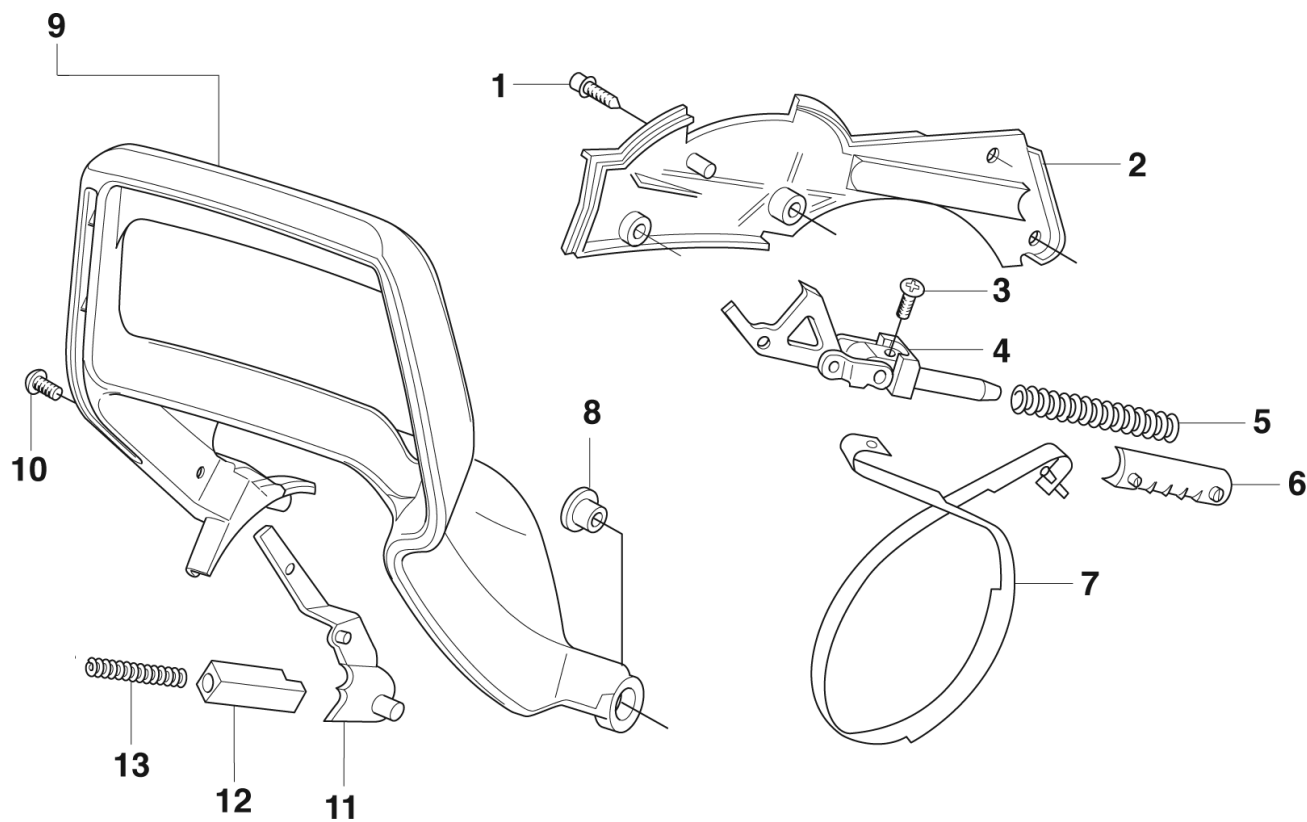
Eastern Fire Equipment Services

326 Pleasant View Road
New Cumberland, PA 17070
U.S. Phone - 717.412.7746
Email - office@efesinc.com



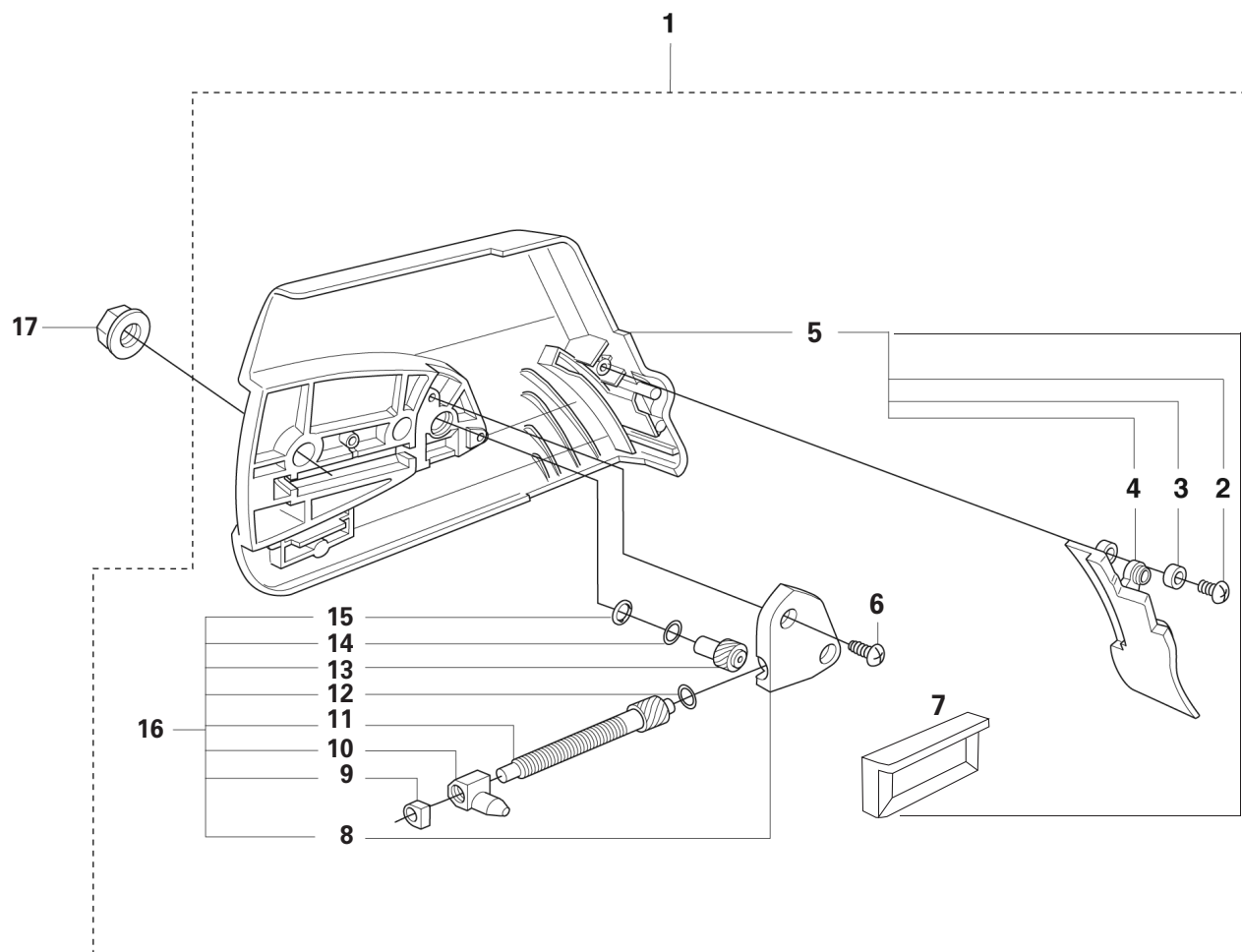
Illustrations and Parts Ordering Numbers For CE-2166-RS MULTI-CUT® Fire Rescue Saw

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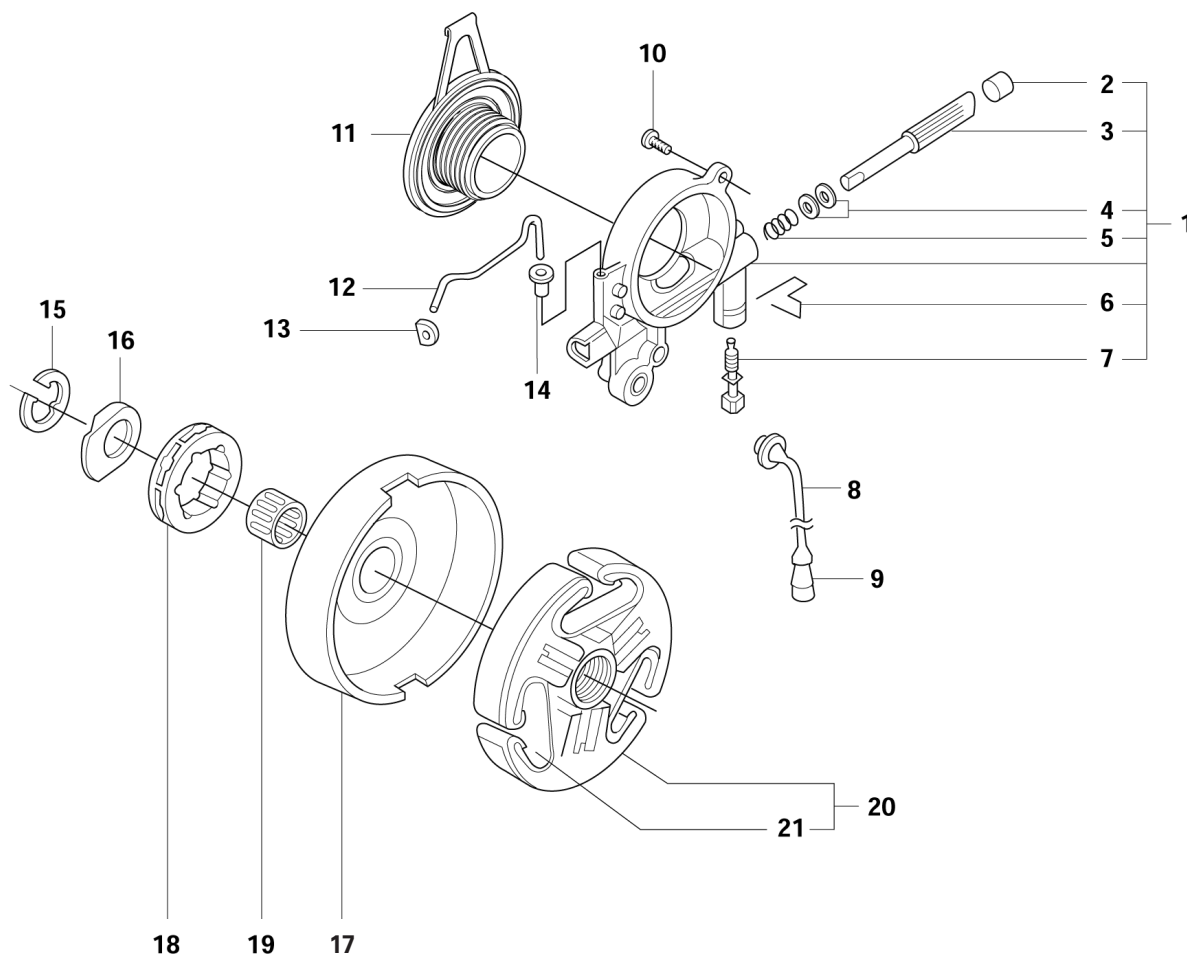
Position	Article	Quantity	Description	Kit
1	503 20 07-12	4	Screw, 2100	
2	503 75 11-03	1	Brake Spring Cover	
3	503 21 28-10	1	Screw, All Models	
4	501 87 53-03	1	Knee Joint, All Models	
5	503 70 99-01	1	Spring 2000/2100	
6	503 79 27-02	1	Support 2000/2100	
7	503 75 22-02	1	Brake Band 2000/2100	
8	503 77 52-01	1	Bushing 2000/2100	
9	576 25 59-01	1	Hand Guard	
10	503 20 25-12	1	Screw, Brake Handle 65/71/86	
11	537 00 87-01	1	Brake Lever 65/71/86	
12	503 83 81-02	1	Catch 65/71/86	
13	503 43 65-01	1	Lock Spring 65/71/86	



Page A2

Position	Article	Quantity	Description	Kit
1	537 07 20-02	1	Clutch Cover Assembly	
2	503 21 28-10	1	Screw, Various Models	1,5
3	503 89 70-01	1	Sleeve Washer	1,5
4	503 76 29-02	1	Dust Deflector	1,5
5	537 07 20-71	1	Clutch Cover	1
6	503 21 28-10	2	Screw, Various Models	1
7	501-51 72-01	1	Chain Guide	1,5
8	537 01 68-01	1	Tensioner Cover 2100	1, 16
9	537 01 74-01	1	Grommet 2100	1, 16
10	503 99 83-01	1	Sleeve Washer, Pawl	1, 16
11	537 07 95-02	1	Worm Screw	1, 16
12	503 23 00-66	1	Spacer	1, 16
13	537 07 94-01	1	Tensioner Pinion	1, 16
14	503 23 00-63	1	Washer	1, 16
15	740 48 07-02	1	O-Ring	1, 16
16	537 04 41-02	1	Tension Adjuster	1
17	503 22 00-01	2	Bar Nut	

B

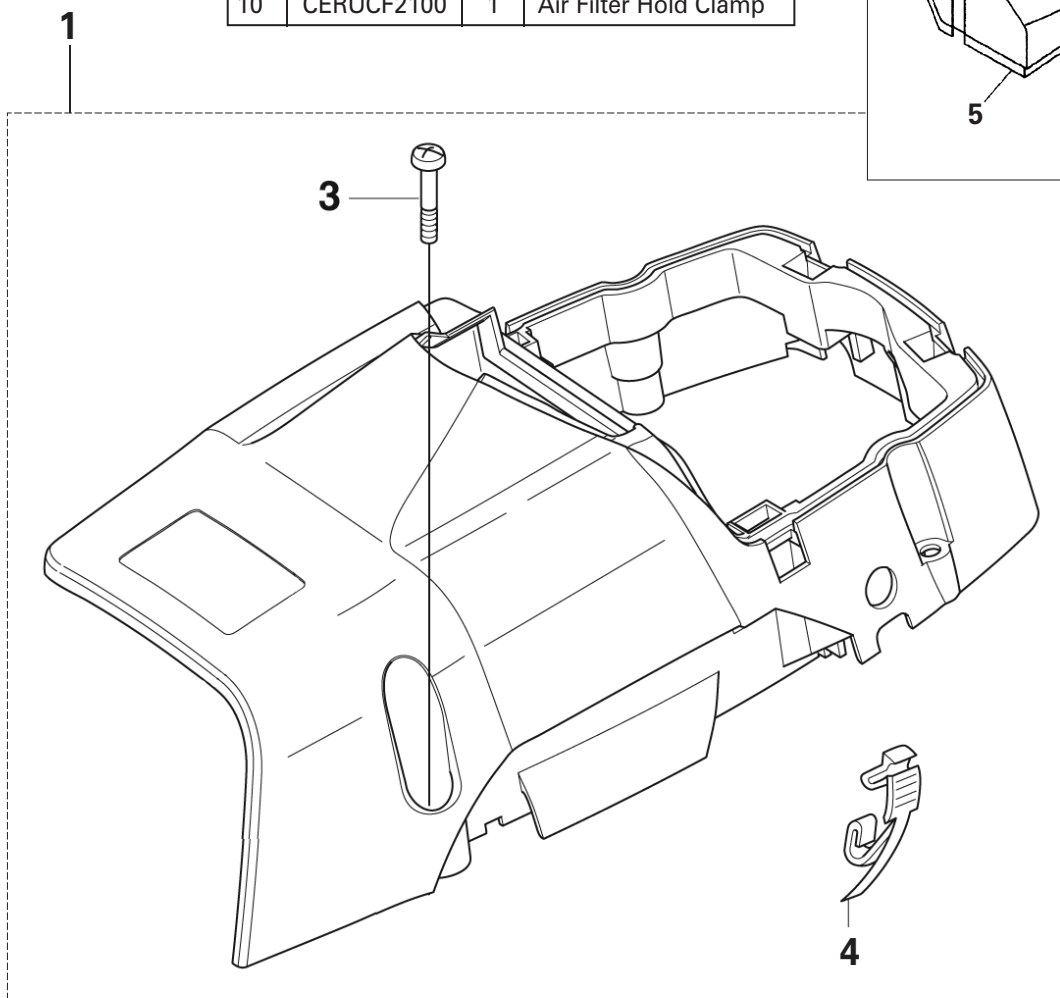
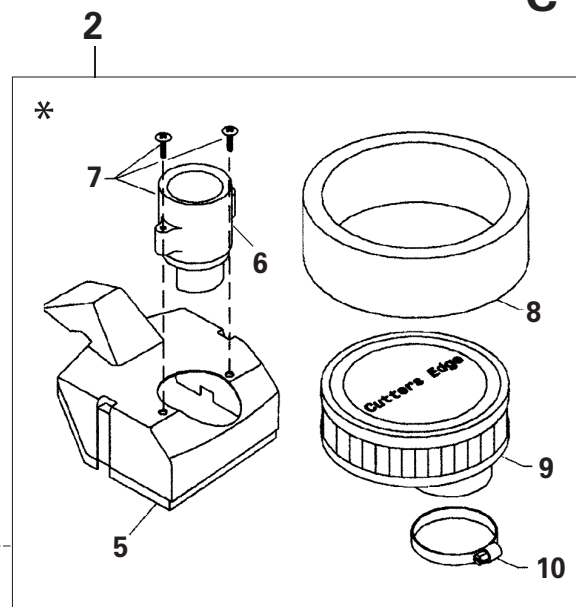


Page B				
Position	Article	Quantity	Description	Kit
1	503 52 13-03	1	Oil Pump	
2	503 62 49-01	1	Plug	1
3	503 52 15-01	1	Pump Piston	1
4	503 2300-04	1	Oil Pump Piston Washer	1
5	501 61 58-01	1	Spring	1
6	503 81 30-01	1	Spring	1
7	503 81 13-01	1	Oil Adjuster Screw	1
8	503 42 67-01	1	Oil Hose	
9	501 54 41-02	1	Oil Pickup Screen	
10	725 53 29-56	1	Oil Pump Screw	
11	537 20 78-05	1	Oil Pump Pinion	
12	503 77 43-01	1	Pipe	
13	503 64 47-01	1	Grommet	
14	504 30 00-26	1	Grommet Oil Line	
15	503 27 21-01	1	Retaining Clip	
16	503 75 24-01	1	Clutch Washer	
17	CE 26831	1	Clutch Drum	
18	CE 22270S	1	404 7T Sprocket	
19	503 43 20-01	1	Needle Bearing	
20	503 74 44-01	1	Clutch	
21	503 74 43-01	1	Clutch Spring	20

C

CEFC2100A Contains:

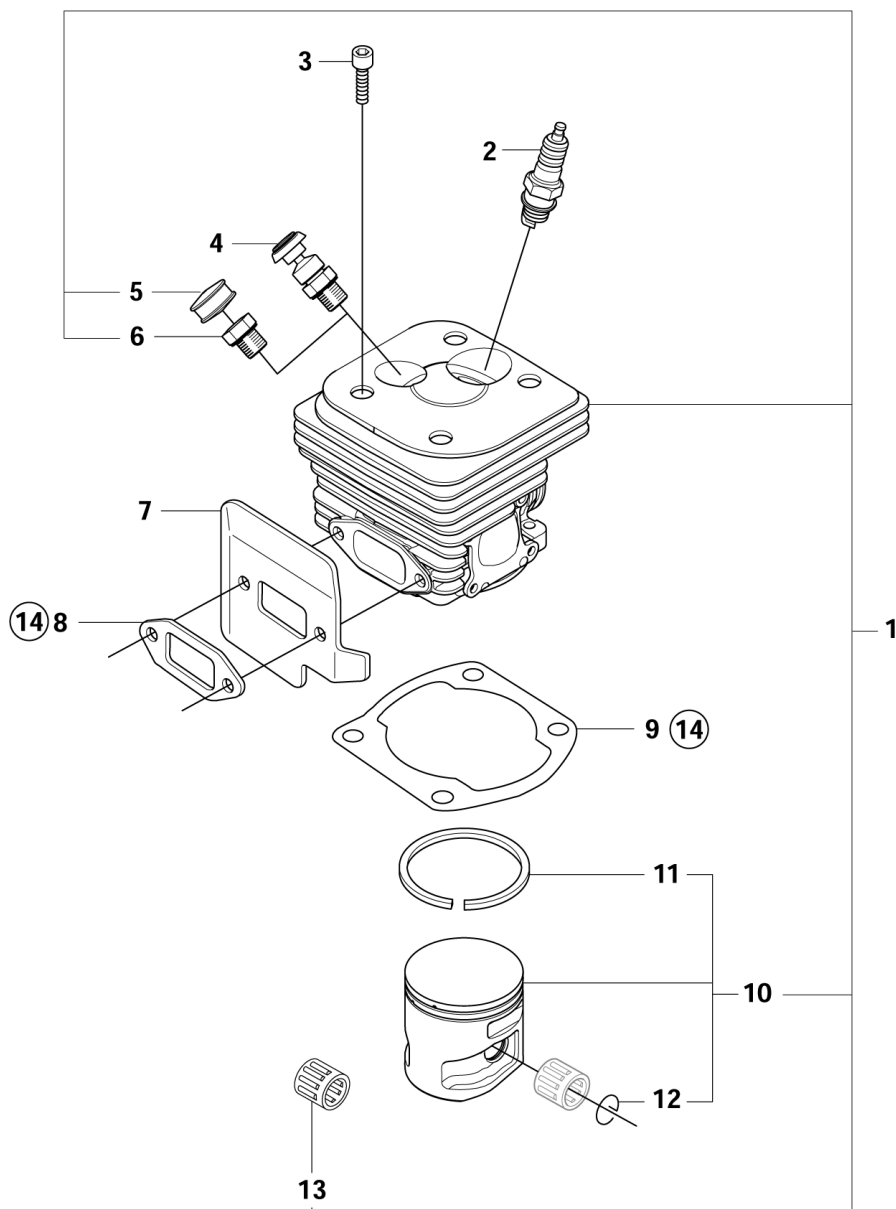
Pos	Article	Qty	Description
5	CEMOD6571	1	Modified Cover
6	CEFS6571	1	Filter Stack
7	CE8X12	2	Filter Stack Screw
8	CEPW6571	1	Pre-Wrap
9	CERU2100	1	Air Filter
10	CERUCF2100	1	Air Filter Hold Clamp



Page C

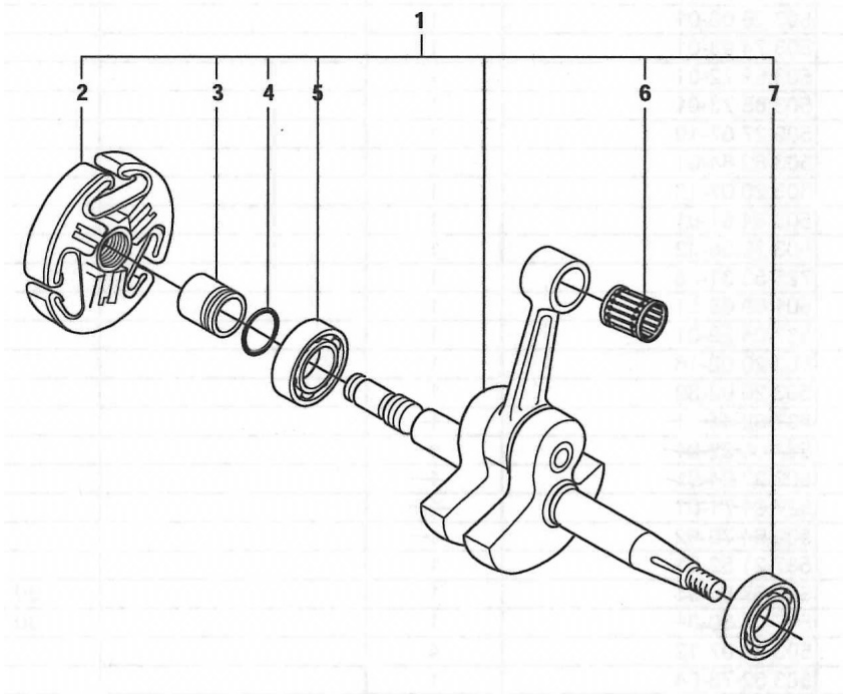
Position	Article	Quantity	Description	Kit
1	574 45 82-02	1	Cylinder Cover	
2	CEFC2100A	1	Filter Cover Assembly	2
3	503 20 34-25	3	Cylinder Cover Screw	1
4	503 69 91-02	2	Cover Clip 2000/2100	1

D



Page D				
Position	Article	Quantity	Description	Kit
1	575 77 41-01	1	Cylinder Assembly	
2	CECJ7Y	2	Spark Plug	
3	725 53 33-55	4	Cylinder Bolt	
4	537 29 44-01	1	Decompression Valve	
5	537 20 71-01	1	Plug	1
6	503 55 22-01	1	Plug	1
7	523 04 91-01	1	Heat Deflector	
8	503 77 59-01	1	Muffler Gasket 2000/2100	14
9	503 96 15-01	1	Base Gasket	14
10	510 44 39-02	1	Piston Assembly	1
11	503 28 90-36	2	Piston Ring	1, 10
12	737 43 12-00	2	Clip	1, 10
13	503 25 56-01	1	Needle Bearing	1
14	503 64 72-01	1	Set of Gaskets	1

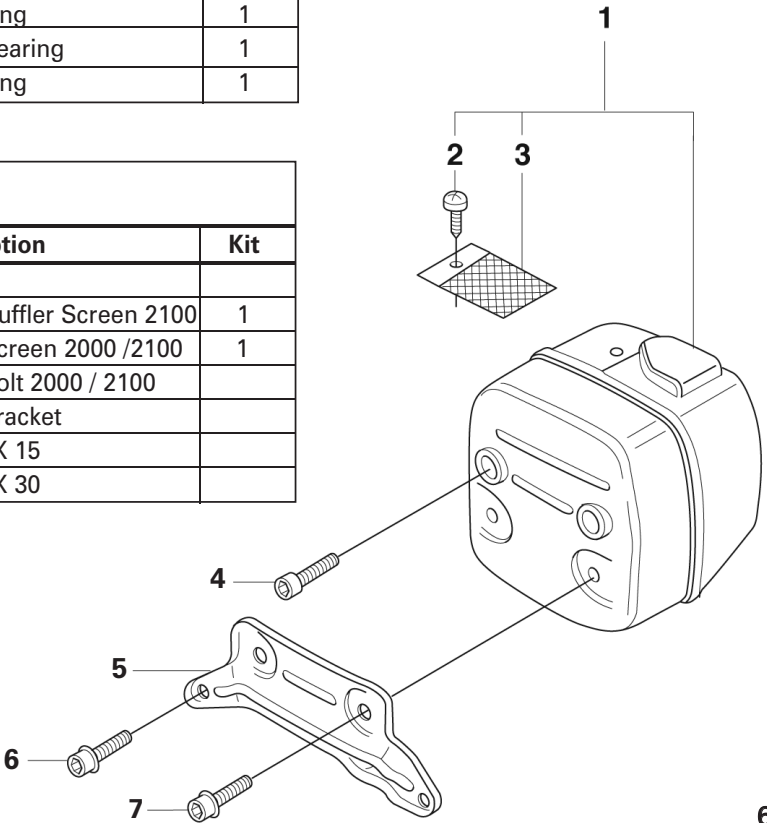
E



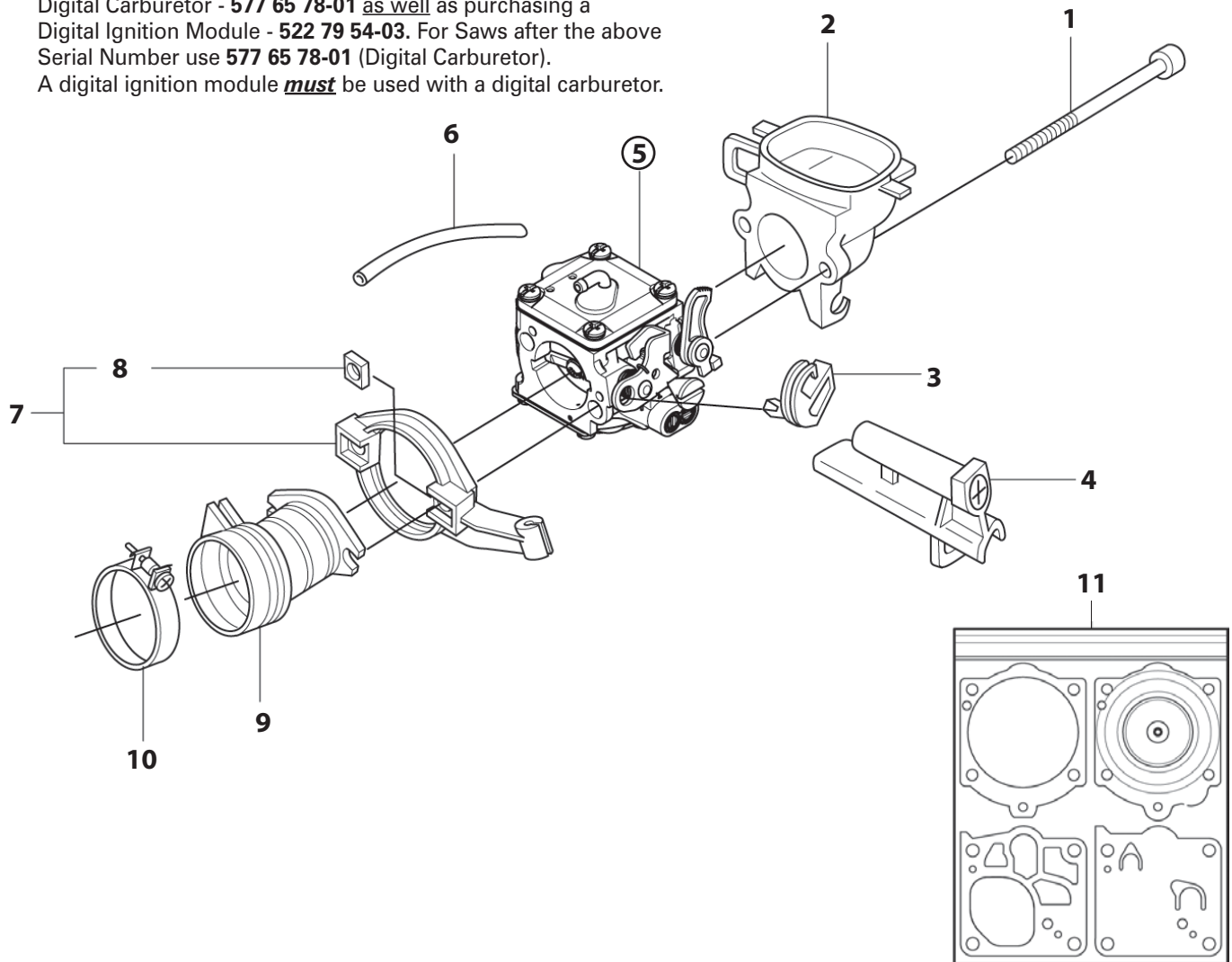
Page E				
Position	Article	Quantity	Description	Kit
1	503 74 87-03	1	Crankshaft	
2	503 74 44-01	1	Clutch	1
3	503 77 91-01	1	Sleeve	1
4	503 26 30-19	1	O-Ring	1
5	738 22 02-25	1	Ball Bearing	1
6	503 25 56-01	1	Needle Bearing	1
7	738 22 02-25	1	Ball Bearing	1

F

Page F				
Position	Article	Quantity	Description	Kit
1	544 02 97-02	1	Muffler	
2	724 12 87-59	1	Screw, Muffler Screen 2100	1
3	503 76 64-02	1	Muffler Screen 2000 / 2100	1
4	725 53 70-55	2	Muffler Bolt 2000 / 2100	
5	503 76 65-03	1	Muffler Bracket	
6	CEGD6571-8	1	Screw 5 X 15	
7	CEGD6571-5	2	Screw 5 X 30	

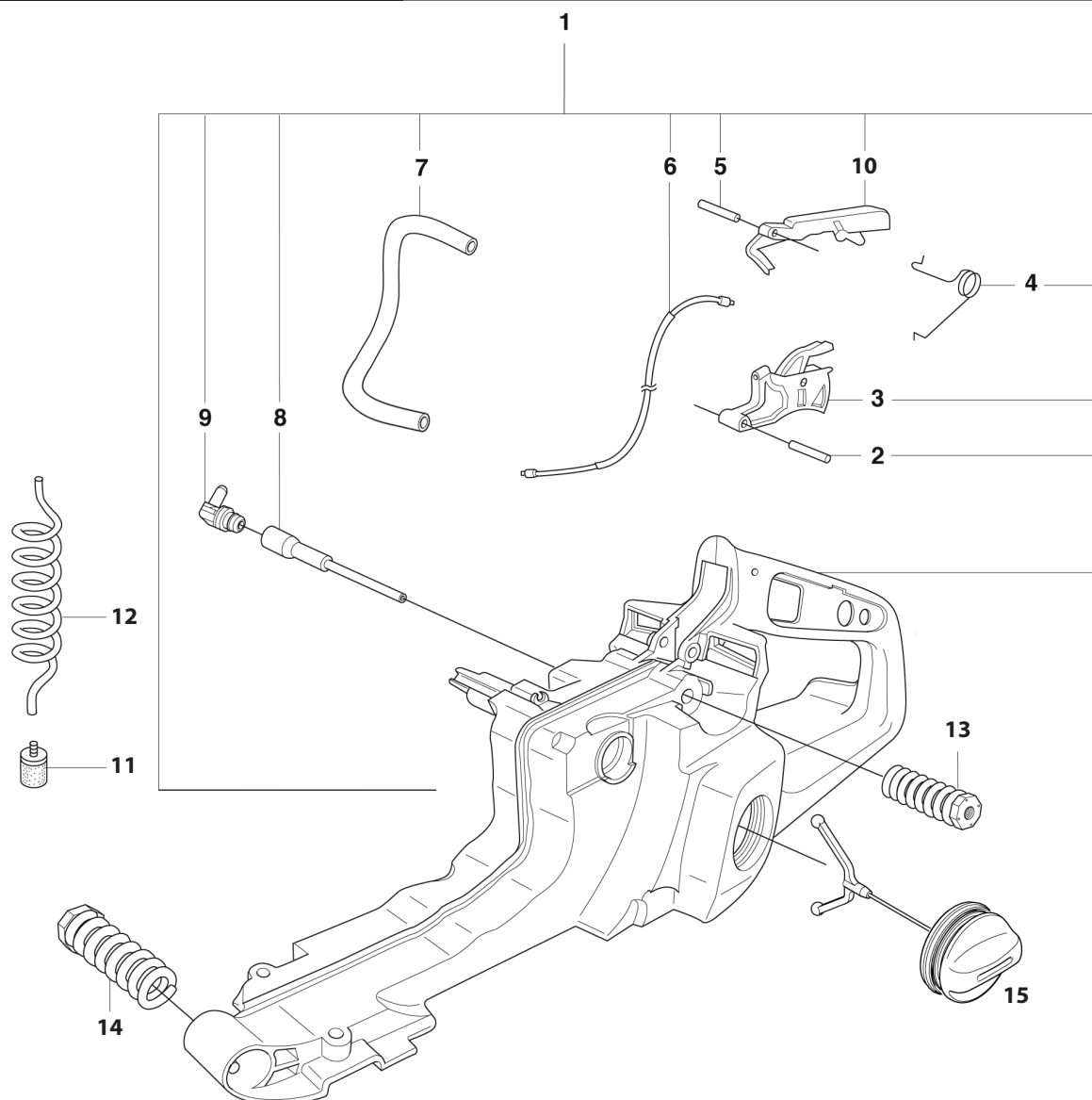


* **IMPORTANT:** This Carburetor - **522 85 87-01** (Equipped on Saws with serial numbers prior to **20112100001**) has an older Analog Ignition and has been discontinued. It will be necessary to convert to a newer Digital Carburetor - **577 65 78-01** as well as purchasing a Digital Ignition Module - **522 79 54-03**. For Saws after the above Serial Number use **577 65 78-01** (Digital Carburetor). A digital ignition module must be used with a digital carburetor.



Page G				
Position	Article	Quantity	Description	Kit
1	725 53 05-55	2	Carb Screw 2000/2100	
2	515 98 29-01	1	Filter Holder	
3	503 68 41-01	1	Carb Lever	
4	522 41 88-01	1	Adjustment Guide	
* (5)	577 65 78-01	1	Carburetor <i>(See Notes Above)</i>	
6	503 40 06-04	1	Impulse Hose	
7	522 44 62-01	1	Flange	
8	537 14 33-01	1	Nut	
9	521 99 25-01	1	Inlet Pipe	
10	505 28 33-07	1	Hose Clamp	
11	502 52 92-01	1	Gasket Kit	

H



Page H				
Position	Article	Quantity	Description	Kit
1	503 71 91-71	1	Fuel Tank	
2	720 12 72-20	1	Pin Handle 2100	1
3	503 82 98-02	1	Throttle Trigger 2100	1
4	503 73 64-01	1	Spring Handle 2100	1
5	720 12 40-20	1	Pin Handle 2166	1
6	503 71 76-01	1	Throttle Wire 2100	1
7	544 32 49-06	1	Fuel Tank Vent Insert	1
8	537 09 22-01	1	White Fuel Tank Vent Insert	1
9	537 09 93-01	1	Fuel Tank Vent Elbow	1
10	503-55 66-02	1	Throttle Lock 2100	1
11	503 44 32-01	1	Fuel Filter	
12	544 32 50-02	1	Fuel Line	
13	503 89 56-01	1	Vibration Absorber	
14	503 63 76-01	1	Vibration Absorber	
15	537 21 52-01	1	Fuel/Oil Cap 2100	



CE BUL 76A
24" Bullet Chain Loop
76 Drive Links
(For 2186 Saws Only)



CE BUL66A
20" Bullet Chain Loop
66 Drive Links



CE BUL56A
16" Bullet Chain Loop
56 Drive Links

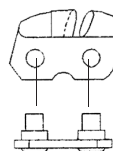


CE BUL48A
12" Bullet Chain Loop
48 Drive Links

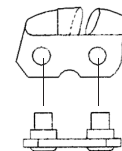
CE BUL 76A	24" Bullet Chain Loop - 76 Drive Links*
CE BUL66A	20" Bullet Chain Loop-66 Drive Links
CE BUL56A	16" Bullet Chain Loop-56 Drive Links
CE BUL48A	12" Bullet Chain Loop-48 Drive Links
CE BUL-L*	Bullet Cutter-Left Side
CE BUL-R*	Bullet Cutter-Right Side
CE PSBUL*	Bullet Cutter Preset
CE DLBUL	Bullet Cutter Drive Link
CE TSBUL	Bullet Cutter Tie Strap
CERKBULLA**	Bullet Repair Kit-Left Side
CERKBULRA**	Bullet Repair Kit-Right Side

* For 2186 Saws Only

**CERKBULLA



**CERKBULRA



Top View
Chain Assembly

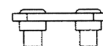
Left Side



Right Side

CE PSBUL*
Preset

Top View

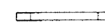


Side View



CE TSBUL
Tie Strap

Top View



Side View



Left Cutter



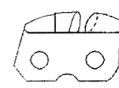
Right Cutter

Top View



Drive Link

Top View



CE BUL-L*



CE BUL-R*



Side View

CE DLBUL



CE 2463ST
(For 2186
Saws Only)



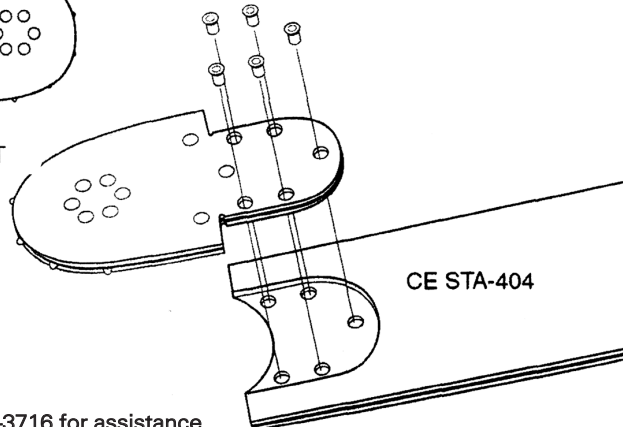
CE 2063ST



CE 1663ST



CE 1263ST



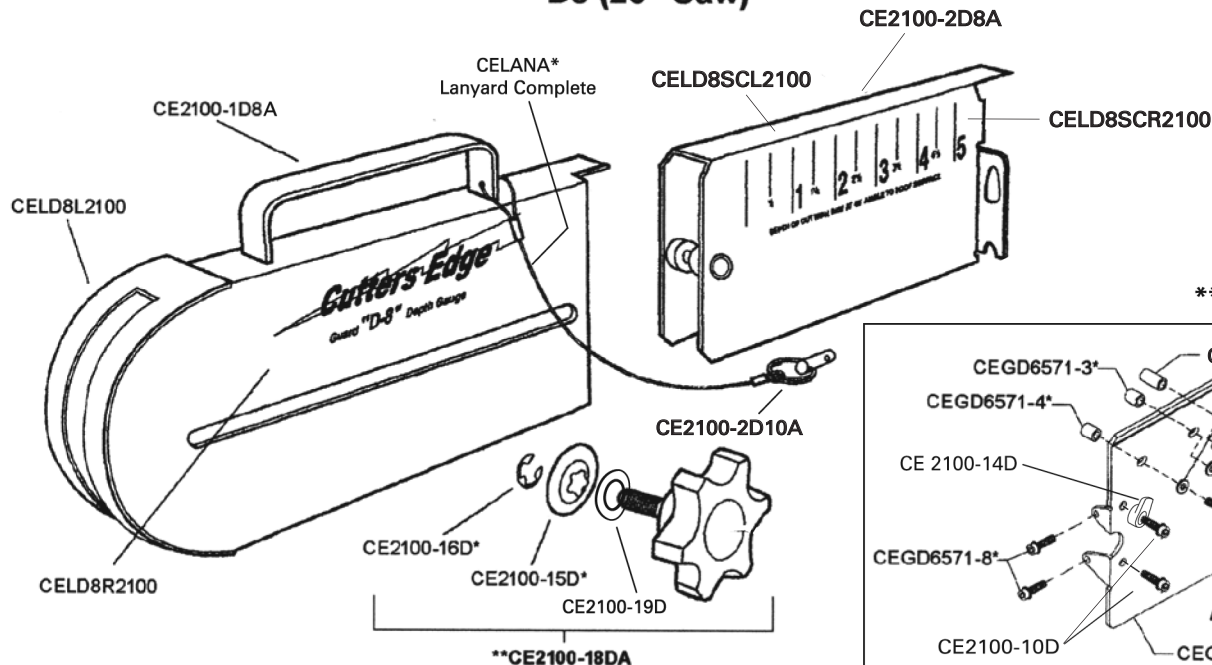
CE STA-404

CE 2463ST	24" High Alloy Guide Bar
CE 2063ST	20" High Alloy Guide Bar
CE 1663ST	16" High Alloy Guide Bar
CE 1263ST	12" High Alloy Guide Bar
CE STA-404	Replacement Sprocket Nose Kit

Note: Different bar styles exist, please call CUTTERS EDGE at 800-433-3716 for assistance.

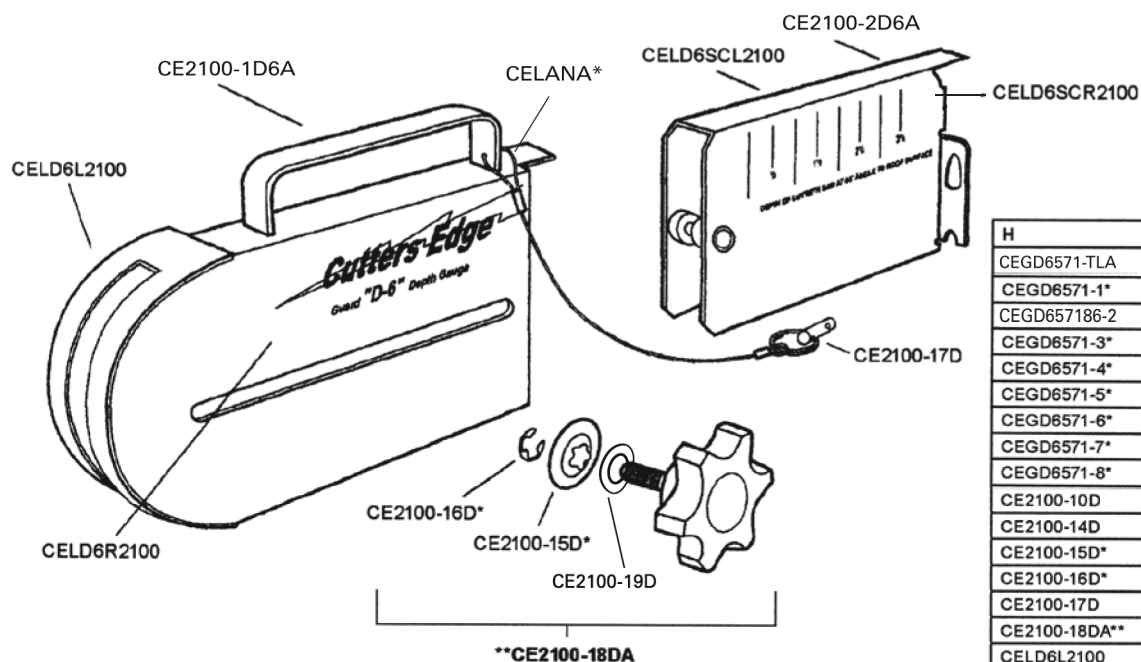
D8 (20" Saw)

K



**CEGD6571-TLA

D6 (16" Saw)



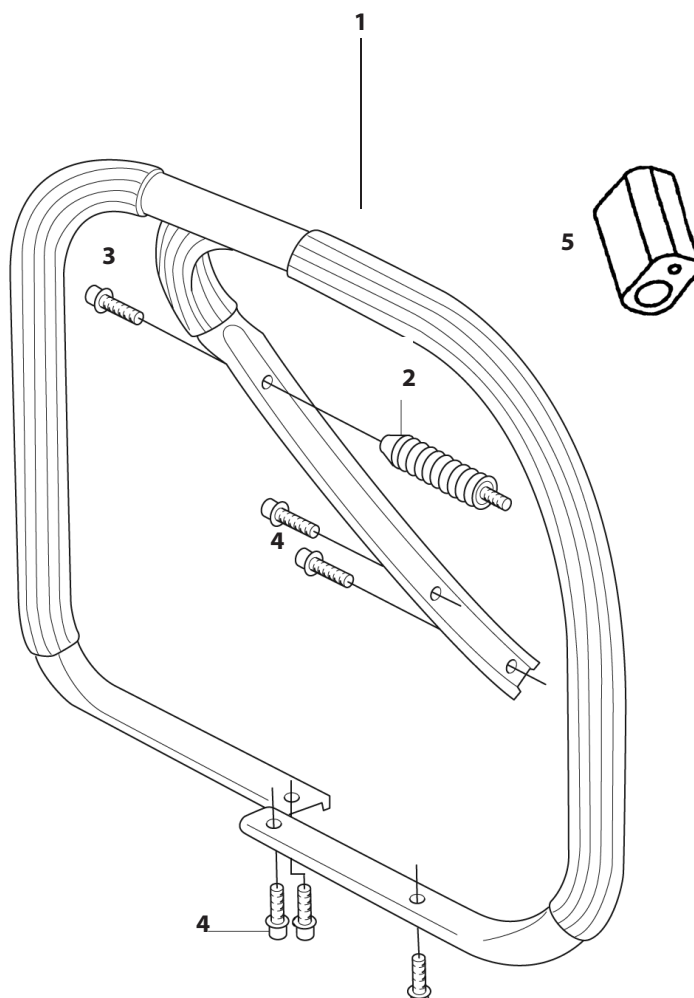
NOTE: Plate Assembly for D6 is the same as D8 Above (CEGD6571-TLA)

NOTE:

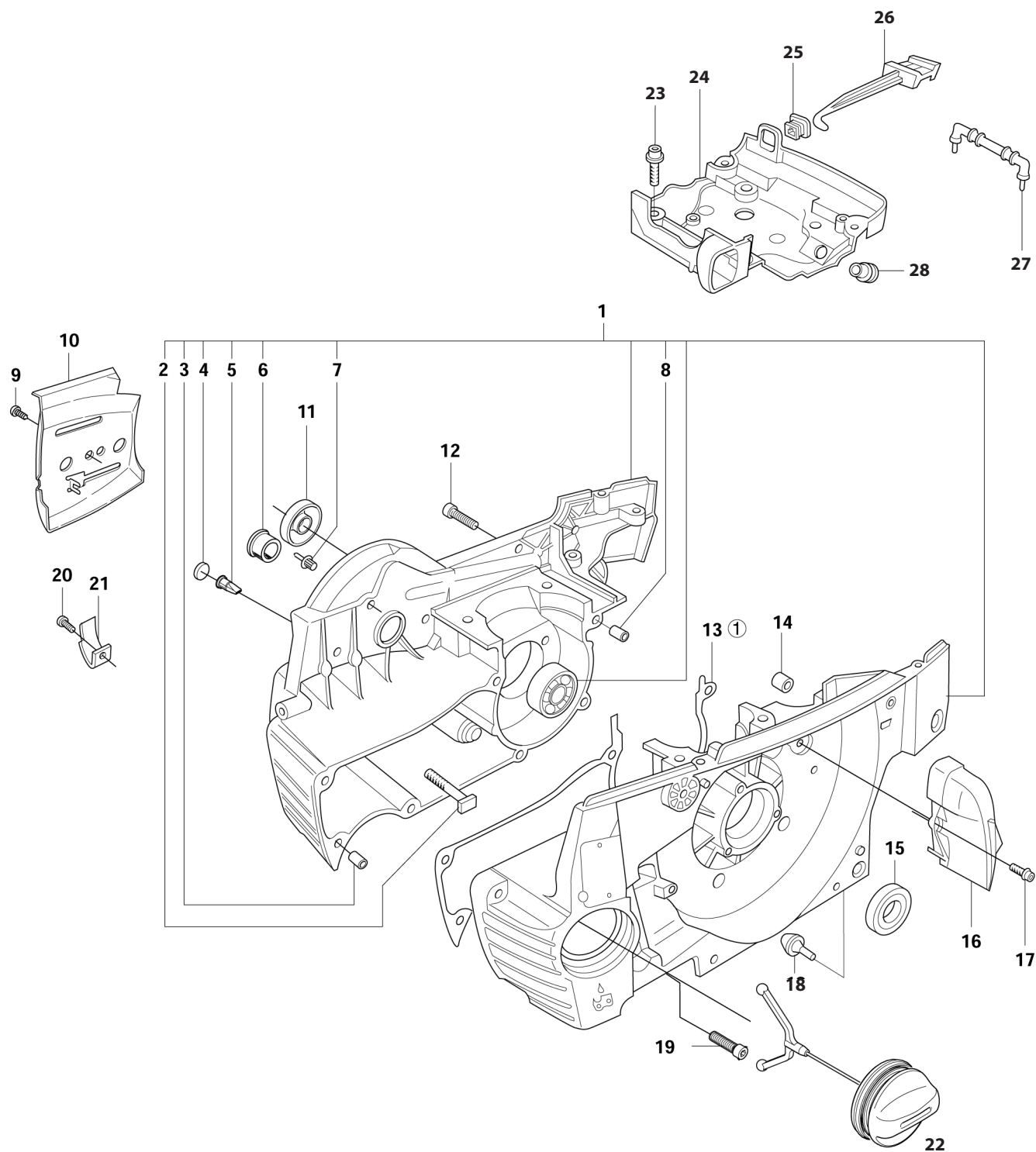
CE2100-1D8 & CE2100-2D8 for 20" saw
CE2100-1D6 & CE2100-2D6 for 16" saw

H	
CEGD6571-TLA	Guard Deflector Toolless
CEGD6571-1*	Guard Plate
CEGD657186-2	Stand Off 3/4
CEGD6571-3*	Stand Off 1/2
CEGD6571-4*	Stand Off 1/4
CEGD6571-5*	Screw
CEGD6571-6*	Washer
CEGD6571-7*	Screw
CEGD6571-8*	Screw
CE2100-10D	Allen Screw
CE2100-14D	Tool-less Locking Key
CE2100-15D*	Dome Washer
CE2100-16D*	e-Clip
CE2100-17D	Quick Release Pin
CE2100-18DA**	Knob Complete
CELD6L2100	D6 Logo Left
CELD6R2100	D6 Logo Right
CELD6SCL2100	D6 Scale Left
CELD6SCR2100	D6 Scale Right
CELD8L2100	D8 Logo Left
CELD8R2100	D8 Logo Right
CELD8SCL2100	D8 Scale Left
CELD8SCR2100	D8 Scale Right
CE210019D	Wave Washer
CELANA*	Lanyard Complete
CE2100-1D6 A	D6 Outer Section
CE2100-1D8 A	D8 Outer Section
CE2100-2D6 A	D6 Inner Section
CE2100-2D8 A	D8 Inner Section

All parts above with (*) can be ordered separately or come as a complete assembly (**)



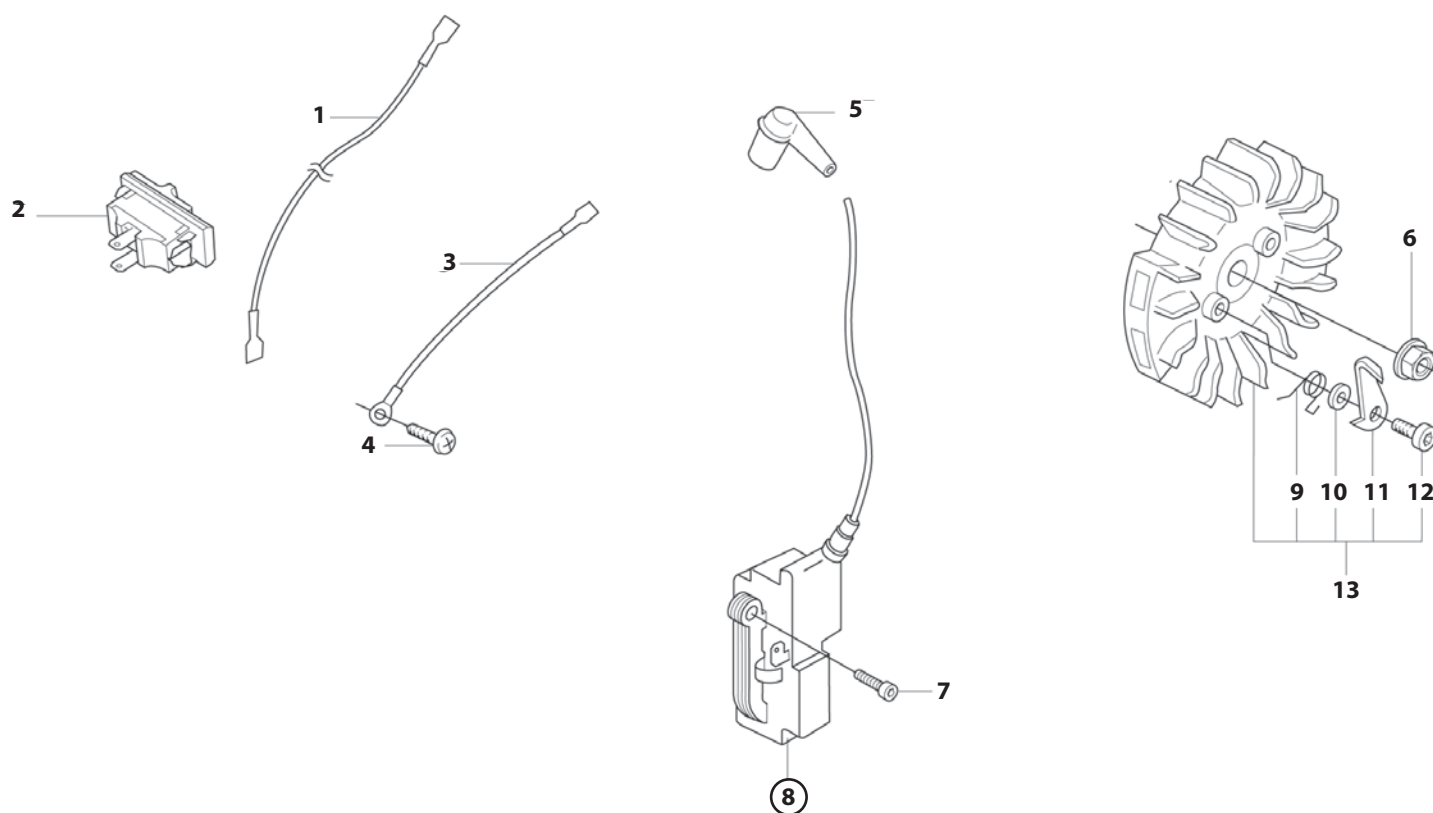
Page M				
Position	Article	Quantity	Description	Kit
1	574 45 80-01	1	Full Wrap Handle	
2	503 63 75-02	1	Vibration Absorber	
3	503 21 05-22	1	Handle, Top Screw	
4	503 21 49-16	5	Handle Screw	
5	CE292TH	1	Scrench Tool Holder	



Part Numbers and Descriptions on Pg. 12

Page L				
Position	Article	Quantity	Description	Kit
1	503 62 68-77	1	Crank Case, Complete	
2	537 05 13-01	1	Bar Stud	1
3	501 27 08-01	1	Sleeve	1
4	530 02 61-19	1	Check Valve	1
5	537 40 35-01	1	Bronze Plug	1
6	503 96 70-01	1	Bushing	1
7	503 75 18-01	1	Pin	1
8	501 27 08-01	1	Sleeve	1
9	503 21 28-10	1	Screw	
10	537 01 37-01	1	Chain Guide Plate	
11	503 26 03-01	1	Seal	
12	503 74 93-01	1	Screw	
13	503 62 72-01	1	Crank Case Gasket	1
14	503 85 73-01	1	Protector	
15	505 27 57-19	1	Sealing Ring	
16	503 62 84-01	1	Air Conductor	
17	503 20 07-12	1	Screw	
18	503 84 61-01	1	Buffer	
19	503 20 08-32	1	Screw	
20	725 53 31-55	1	Screw	
21	501 68 68-01	1	Chain Catcher	
22	537 21 52-01	1	Fuel / Oil Cap	
23	503 20 07-12	4	Screw	
24	503 62 73-04	1	Rear Plate	
25	503 73 44-01	1	Grommet, Choke	
26	574 45 77-01	1	Choke Control	
27	503 67 86-01	1	Spacer	
28	537 09 54-01	1	Cable Guide Grommet	

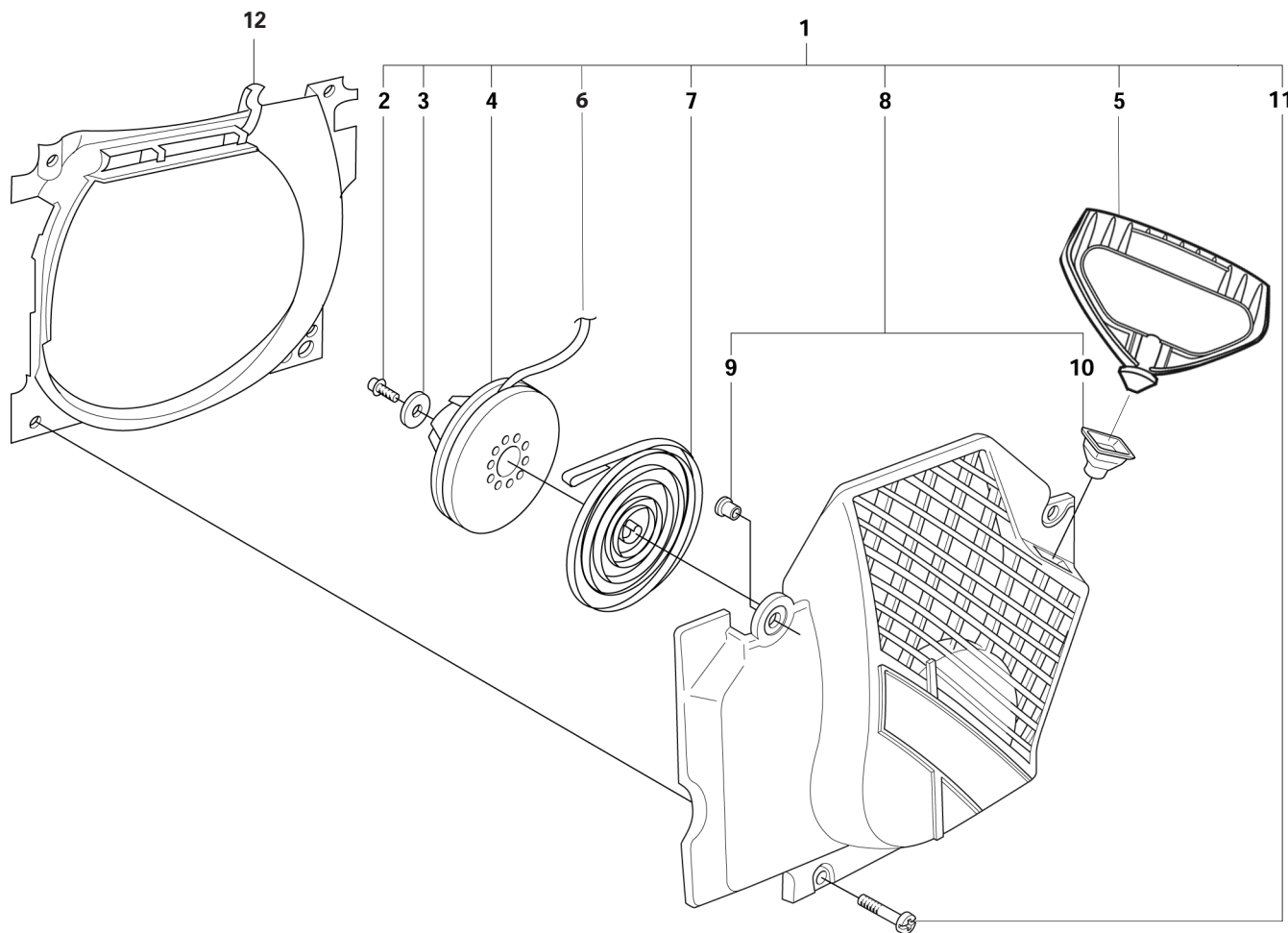
N



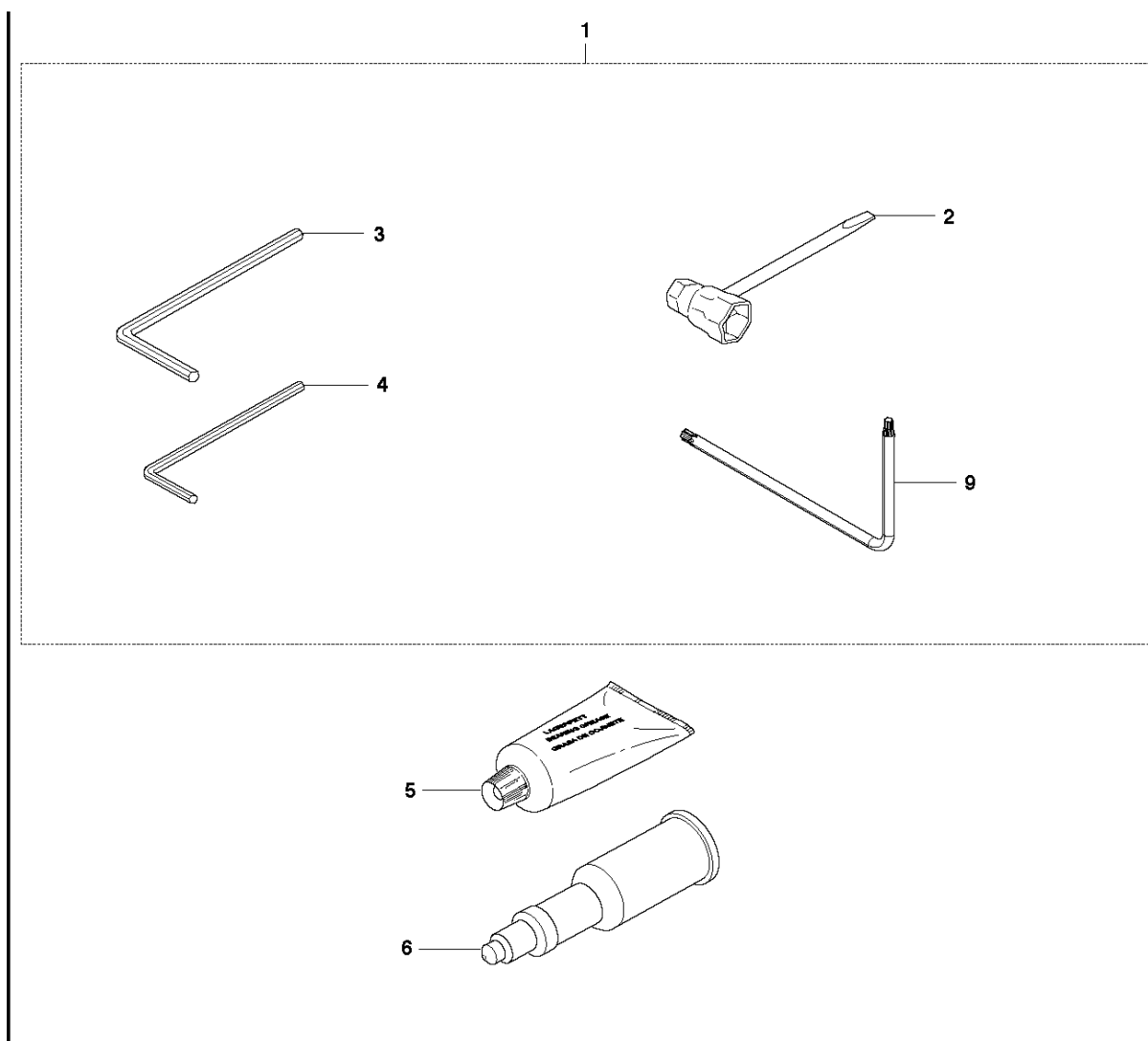
* **IMPORTANT:** The older Analog Carburetor - **522 85 87-01** (Equipped on Saws with serial numbers prior to **20112100001**) has been discontinued. It will be necessary to convert to a newer Digital Carburetor (See pg 7) - **577 65 78-01** as well as purchasing a Digital Ignition Module - **522 79 54-03**. For Saws after the above Serial Number use **577 65 78-01** (Digital Carburetor). A digital ignition module **must** be used with a digital carburetor.

See page 14 for Digital Carburetor part number.

N				
Position	Article	Quantity	Description	Kit
1	503 62 61-01	1	Switch Wire	
2	537 41 90 01	1	Switch	
3	503 89 76-01	1	Shorting Lead	
4	503 21 28-10	1	Screw, Various Models	
5	501 48 54-02	1	Spark Plug Clip and Boot, All Models	
6	503 22 04-01	2	Flywheel Nut	
7	503 20 02-20	2	Screw	
* (8)	522 79 54-03	1	Ignition Module <i>(See Above Note)</i>	
9	501 67 35-01	2	Flywheel Spring, All Models	13
10	503 23 00-42	2	Spacer	13
11	537 01 55-01	2	Starter Pawl	13
12	501 81 99-01	1	Pawl Screw, All Models	13
13	537 05 16-05	1	Flywheel, 65/71/86	



Page O				
Position	Article	Quantity	Description	Kit
1	503 69 28-03	1	Starter Assembly	
2	503 21 49-16	1	Screw, Handle	1
3	503 23 43-02	1	Washer, Starter	1
4	503 85 96-01	1	Starter Pulley	1
5	CE590574	1	D-Handle	1
6	501 20 15-02	1	Starter Rope	1
7	503 78 72-01	1	Spring, Starter	1
8	503 69 29-04	1	Starter Housing	1
9	537 08 67-01	1	Bushing	1, 8
10	501 63 06-01	1	Starter Rope Guide	1, 8
11	544 08 03-01	4	Starter, Screw	1
12	503 62 83-01	1	Air Conductor	



Ref	Part No	Description	Remark	QTY KIT	
1	588 79 74-01	TOOL		1	
2	501 69 17-01	COMBINATION WRENCH		1	1
3	503 55 86-02	SPANNER	NV5	1	1
4	503 55 86-01	SPANNER	NV4	1	1
5	503 62 12-01	GREASE		1	
6	501 91 14-01	GREASE GUN		1	
9	575 88 07-01	WRENCH	TORX T27/T20	1	1

CE2166 MULTI-CUT LABELS



CEL2166 / CELCT2166 LABEL LOGO

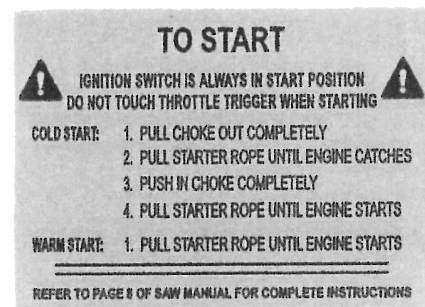


CELBOLTL-LIGHTNING BOLT LEFT

CELBOLTR-LIGHTNING BOLT RIGHT

CELTRAP – U.S.A. TRAPEZOID LOGO LABEL

A white rectangular label with a black border and the word "STOP" in bold black capital letters.

CELSTOP – STOP LABEL
LABEL

CELSTART – TO START

A black rectangular label with white text. It says "CUTTERS EDGE" at the top, followed by "3855 23rd Street", "Baker City, OR 97814", "USA", and "800-433-3716" at the bottom.

CELTCM2 – ADDRESS LABEL

CEL101CBM – LABEL CONCRETE SMALL
(USED ON SAWS GOING TO EUROPE
REPLACES CELTCM2 LABEL)



CUTTERS EDGE®

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