

MORRISON

CHAINSAWS

16" Petrol CHAINSAW MCS38

	<u>Part number</u>	<u>Model</u>
MORRISON	552683	16" Petrol Chainsaw 38cc

Market Introduced - January 2011

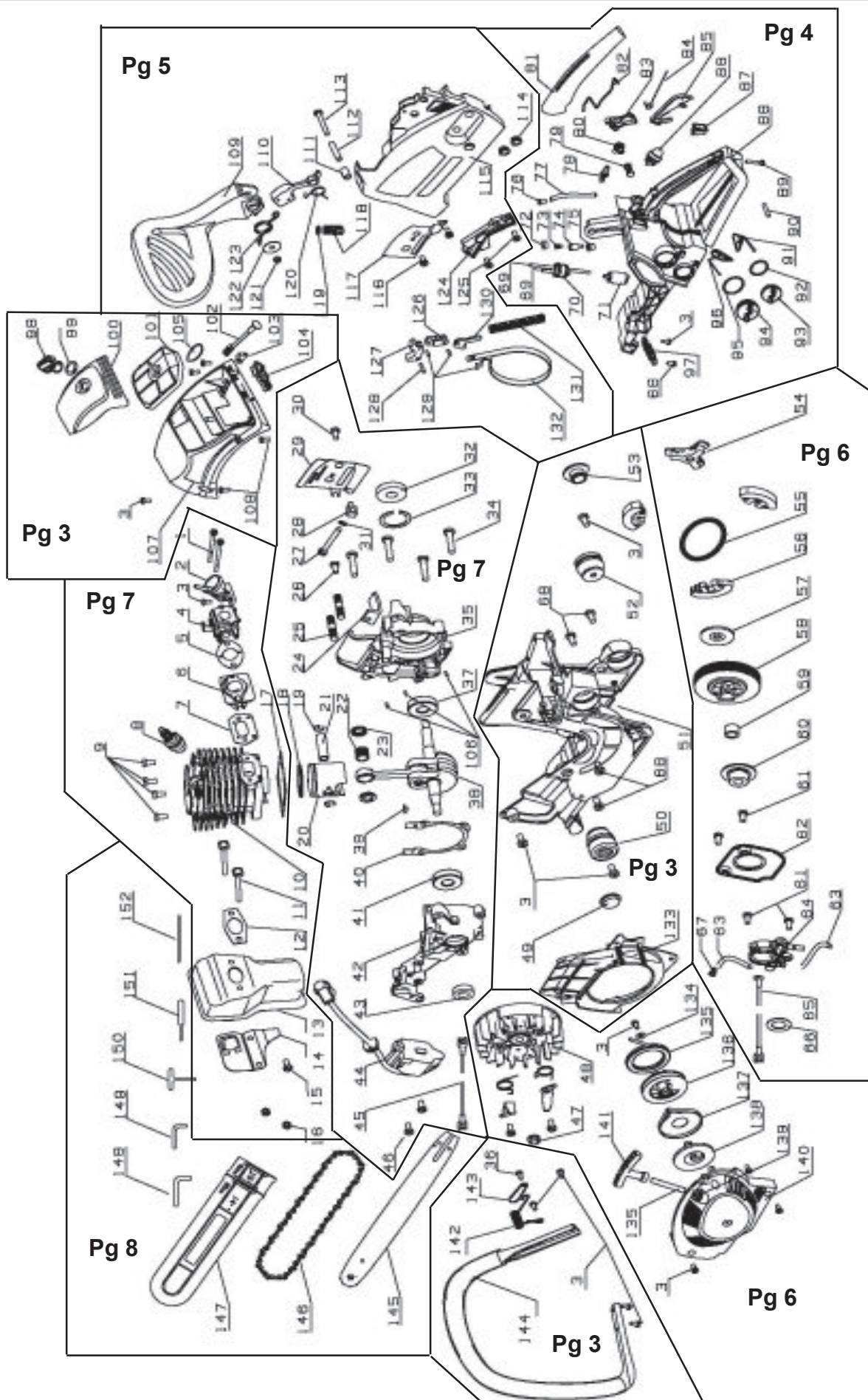




16"
PETROL CHAINSAW

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Issue G.0
May 2014 PB
Ref. # 752683



When ordering PLEASE QUOTE PART NUMBER & Description, NOT Illustration No.
Determine right or left hand side from standing in operating position (standing at handle)
Bold Text = Assemblies, Bulleted Text * = Items included in the Assemblies

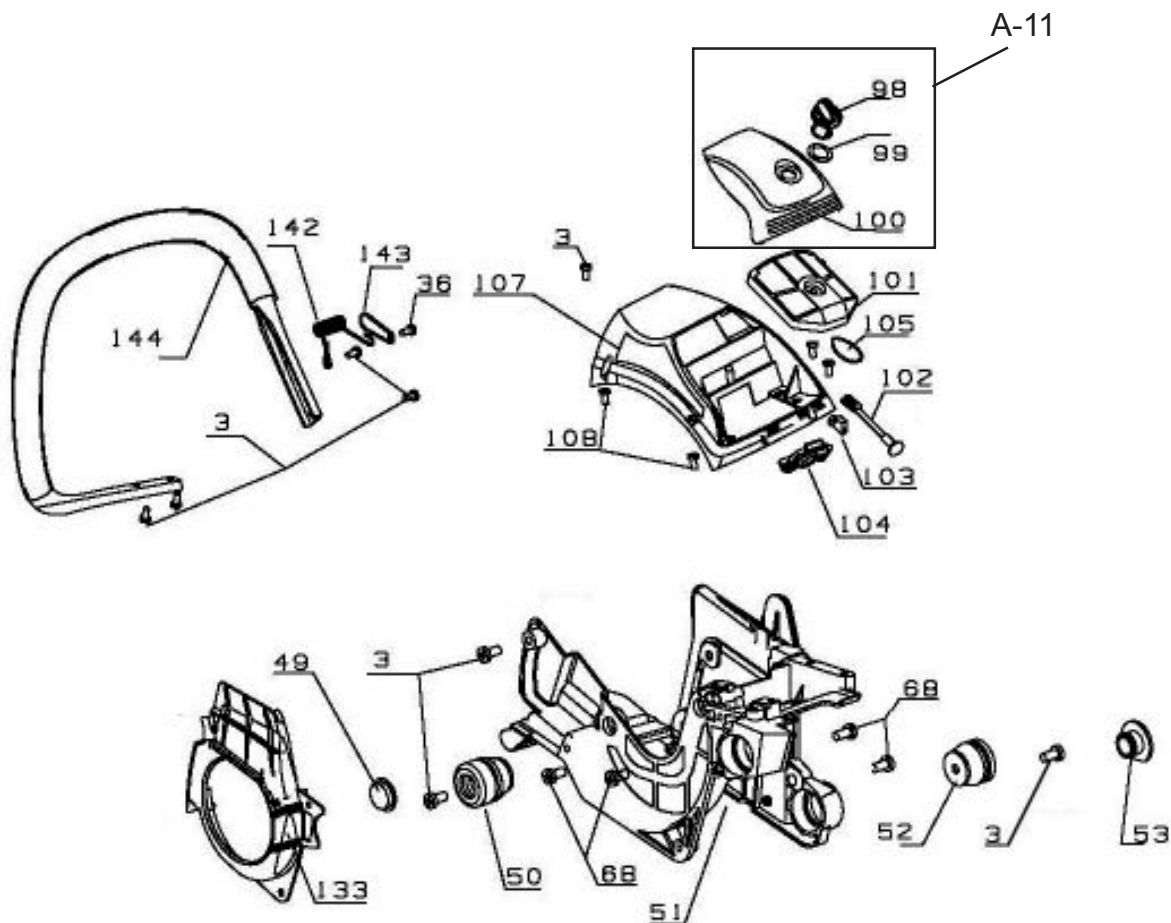


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Main Body



Item No	Part No	Description	Qty	Item No	Part No	Description	Qty
3	542170	SCREW 5x16	8	105	542266	WASHER-SEAL, AIR FILTER	1
36	542214	SCREW 5x19	1	107	542268	CASING-TOP	1
49	542223	GROMMET-RUBBER	1	108	542170	SCREW 5x16	4
50	542224	DAMPER-RUBBER, LOWER	1	133	542285	BAFFLE-CASING, FAN	1
51	542225	CASING BODY	1	142	542288	HANDLE SPRING	1
52	542226	BUMPER-RUBBER	1	143	542289	COVER-SPRING	1
53	542227	GROMMET-RUBBER	1	144	542290	HANDLE	1
68	542181	SCREW M5x14	4	A-11	542592	Cover, Air Filter & Knob	1
98	542666	KNOB-AIR FLITER	1	98	*542666	KNOB-AIR FLITER	1
99	542435	WASHER-KNOB	1	99	*542435	WASHER-KNOB	1
100	542249	COVER AIR FILTER	1	100	*542249	COVER AIR FILTER	1
101	542262	AIR FILTER	1				
102	542263	CHOKE KNOB	1				
103	542264	COVER-AIR FLITER	1				
104	542265	COVER	1				

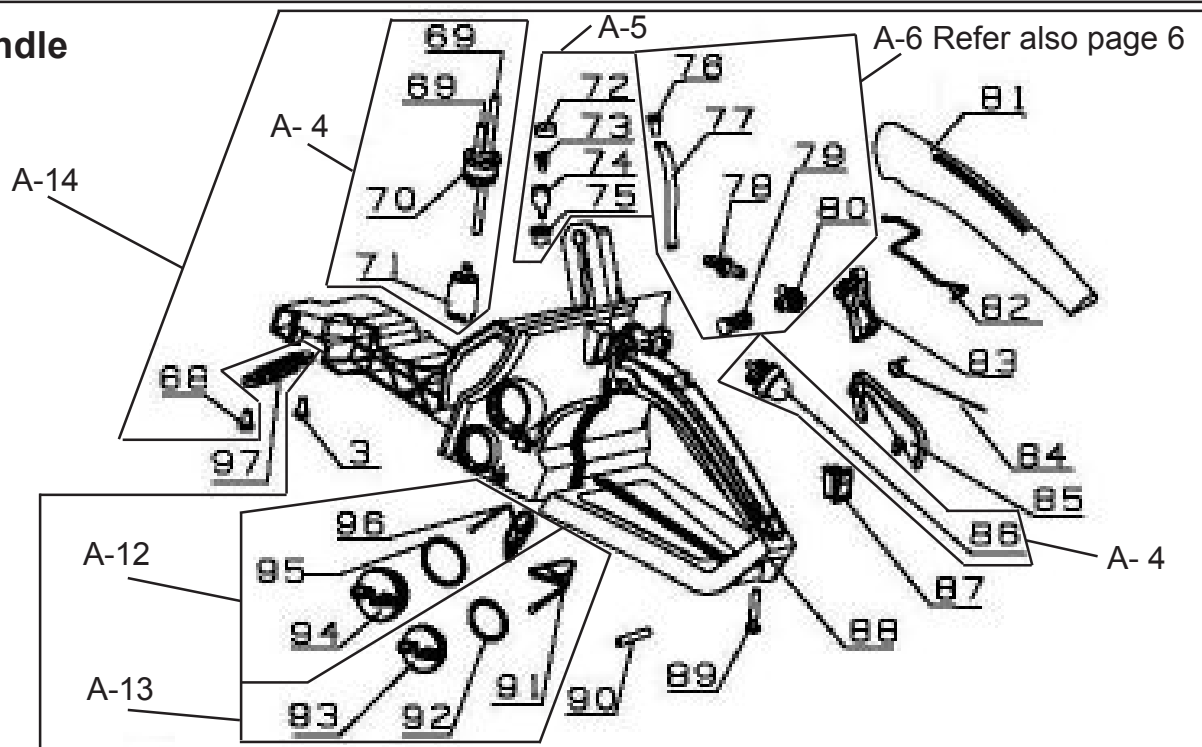


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Handle



Item No	Part No	Description	Qty	Item No	Part No	Description	Qty
97	542261	CRANK CASE SPRING	1	A-4 542585		Hose Assy, Fuel Complete	1
A-14 542595		Body & Handle Assy Complete	1	69	*542240	HOSE ASSY	1
3	*542170	SCREW 5x16	1	70	*542241	FUEL HOSE SUPPORT	1
68	*542181	SCREW M5x14	1	71	*542242	FUEL FILTER	1
69	*542240	HOSE ASSY	1	86	*542441	PRIMER-FUEL	1
70	*542241	FUEL HOSE SUPPORT	1	A-5 542586		Breather Assy, Fuel Complete	1
71	*542242	FUEL FILTER	1	72	*542243	CAP-BREATHER,FUEL	1
72	*542243	CAP-BREATHER,FUEL	1	73	*542244	VALVE-BREATHER,FUEL	1
73	*542244	VALVE-BREATHER,FUEL	1	74	*542245	BODY-BREATHER,FUEL	1
74	*542245	BODY-BREATHER,FUEL	1	75	*542246	GROMMET-BREATHER,FUEL	1
75	*542246	GROMMET-BREATHER,FUEL	1	A-6 542587		Filter Assy & Hose, Oil Complete	1
76	*542247	SCREW 4x16	1	63	*542235	OIL HOSE (Refer Pg 6)	2
77	*542248	HOSE-BREATHER,OIL	1	67	*542239	SPIGOT-OIL (Refer Pg 6)	1
78	*542443	CONNECTOR-HOSE,OIL	1	76	*542247	SCREW 4x 16	1
79	*542250	FILTER,OIL	1	77	*542248	HOSE-BREATHER,OIL	1
80	*542251	CONNECTOR-FILTER,OIL	1	78	*542443	CONNECTOR-HOSE,OIL	1
81	*542252	COVER-REAR HANDLE	1	79	*542250	FILTER,OIL	1
82	*542253	ROD-THROTTLE	1	80	*542251	CONNECTOR-FILTER,OIL	1
83	*542254	TRIGGER	1	A-12 542593		Cap Assy, Fuel Complete	1
84	*542255	SPRING-TRIGGER	1	94		*FUEL CAP	1
85	*542256	LEVER-SAFETY TRIGGER	1	95		*WASHER-FUEL CAP	1
86	*542441	PRIMER-FUEL	1	96		*RETAINER-FUEL CAP	1
87	*542123	ON-OFF SWITCH	1	A-13 542594		Cap Assy, Oil Complete	1
88	*542257	TANK-FUEL/OIL	1	91		*RETAINER-FUEL/OIL CAP	1
89	*542258	SCREW S/T5x25	1	92		*WASHER-OIL CAP	1
90	*542259	PIN 6x34	1	93		*OIL CAP	1
91		*RETAINER-FUEL/OIL CAP	1				
92		*WASHER-OIL CAP	1				
93		*OIL CAP	1				
94		*FUEL CAP	1				
95		*WASHER-FUEL CAP	1				
96		*RETAINER-FUEL CAP	1				

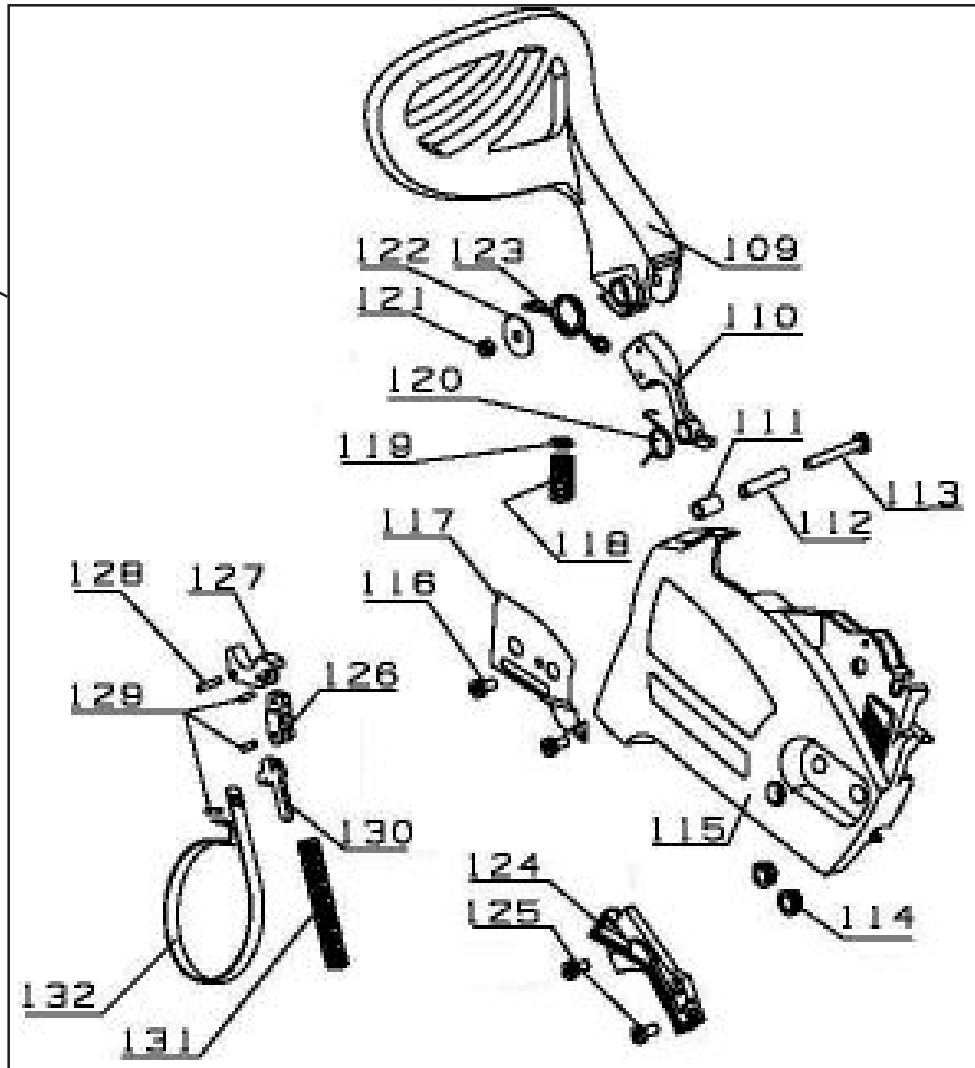
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Brake

A-1



Item No	Part No	Description	Qty	Item No	Part No	Description	Qty
A-1	542582	Brake Assy, Chain Complete	1	123	*542279	SPRING-SAFETY BRAKE	1
109	*542269	LEVER-CHAIN BRAKE	1	124	*542280	COVER-CHAIN BRAKE	1
110	*542270	ACTUATOR-SAFETY BRAKE	1	125	*542182	SCREW ST4.2x13	2
111	*542271	SLEEVE-LEVERAGE, OUTER	1	126	*542281	LINK-PUSHER, BRAKE	1
112	*542272	SLEEVE-LEVERAGE, INNER	1	127	*542282	LINK-SWIVEL, BRAKE	1
113	*542491	SCREW M5x40	1	128		*PIN 3x15	1
114	*501793	NUT M8	2	129		*PIN 3x9	2
115	*542273	BRAKE HOUSING	1	130		*LEVER-SPRING, ACTUATOR	1
116	*542183	SCREW ST4.2x10	2	131	*542283	SPRING-SAFETY ACTUATOR	1
117	*542274	PLATE-COVER, ADJUSTER	1	132	*542284	BAND-BRAKE	1
118	*542275	SPRING-COIL, LEVERAGE	2				
119	*542276	WASHER-LEVERAGE SPRING	1				
120	*542277	SPRING-LEVERAGE	2				
121	*542161	NUT M5	1				
122	*542278	WASHER 5.2x15x1.5	1				

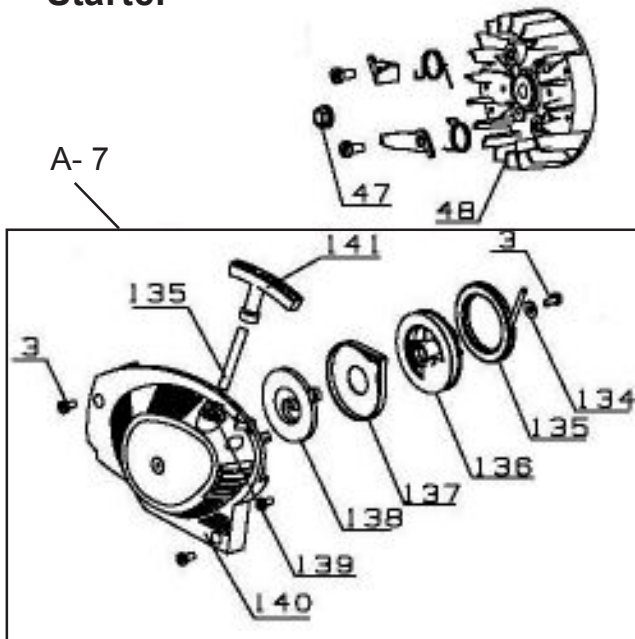


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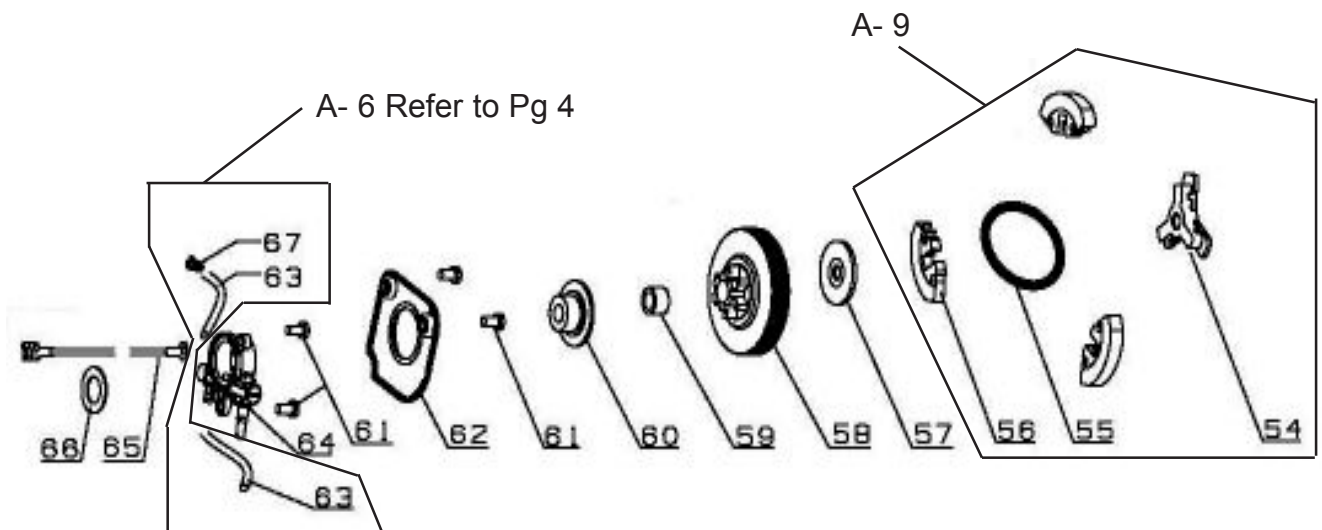
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Starter



Item No	Part No	Description	Qty
47	542680	NUT-FLYWHEEL 5/16" LH	1
48	571482	FLYWHEEL	1
A-7	542588	Starter Assy, Complete	1
3		SCREW 5x16	4
134		WASHER	1
135		ROPE-STARTER	1
136		PULLEY-STARTER	1
137		COVER-SPRING	1
138		SPRING-STARTER	1
139		GROMMET-OUTER	1
140		HOUSING-STARTER	1
141		HANDLE-STARTER	1

Clutch



Item No	Part No	Description	Qty	Item No	Part No	Description	Qty
54		*GUIDE-INNER, CLUTCH	1	64	542236	OIL PUMP	1
55		*SPRING CLUTCH	1	65	542237	WIRE	1
56		*CLUTCH	3	66	542238	GASKET-WORM GEAR	1
57	542231	WASHER-CLUTCH	1	67	542239	SPIGOT-OIL	1
58	542232	DRUM-CLUTCH	1	A-9	542590	Clutch Assembly (No Drum)	1
59	542433	BEARING-NEEDLE	1	54		*GUIDE-INNER, CLUTCH	1
60	542233	WORM GEAR, OIL PUMP	1	55		*SPRING CLUTCH	1
61	542179	SCREW M4x14	4	56		*CLUTCH	3
62	542234	OIL PUMP PLATE	1				
63	542235	OIL HOSE	2				

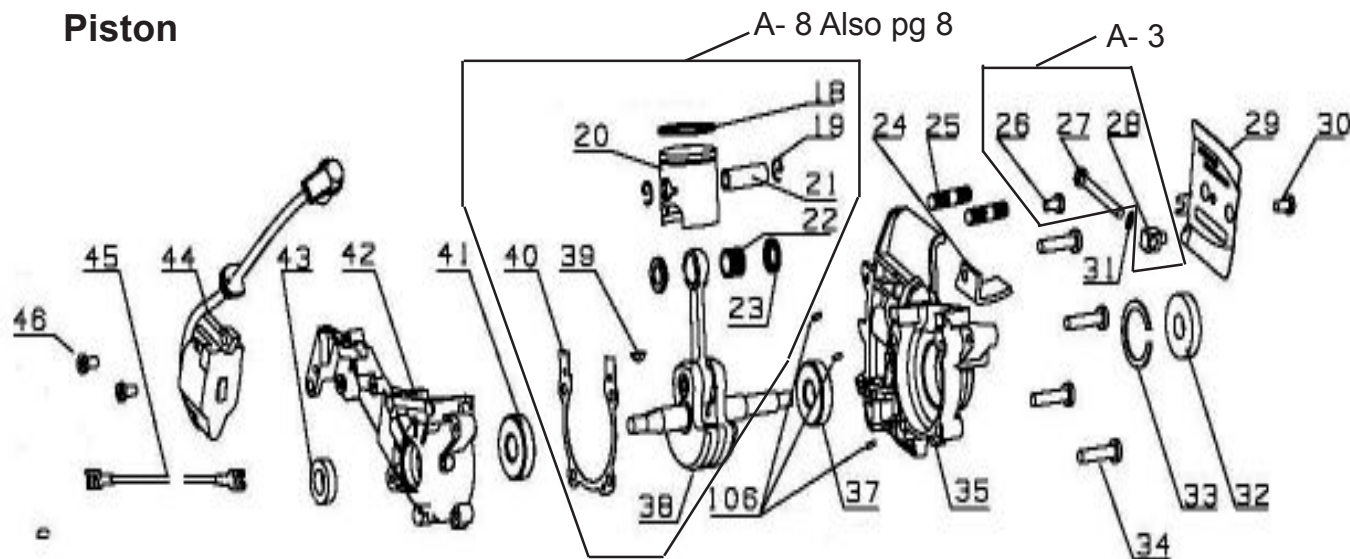


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Piston



Item No	Part No	Description	Qty	Item No	Part No	Description	Qty
18	542200	PISTON RING	1	A-3 542584	Bolt Assembly, Chain Tension	1	
19	542201	PISTON CIRCLIP	2	26		*SCREW-CHAIN GUIDE	1
20	542202	PISTON	1	27		*TENSIONER SCREW	1
21	542203	PISTON PIN	1	28		*ADJUSTER-TOOTHED, TENSION	1
22	542204	BEARING-NEEDLE	1	A-8 542589	Crank Shaft & Piston Assembly	1	
23	542205	WASHER-SPACER PISTON	2	17	*542199	GASKET-CYLINDER (Refer Pg 8)	1
24	542206	GUIDE-CHAIN	1	18	*542200	PISTON RING	1
25	542207	STUD-BAR	2	19	*542201	PISTON CIRCLIP	2
26		*SCREW-CHAIN GUIDE	1	20	*542202	PISTON	1
27		*TENSIONER SCREW	1	21	*542203	PISTON PIN	1
28		*ADJUSTER-TOOTHED, TENSION	1	22	*542204	BEARING-NEEDLE	1
29	542209	PLATE	1	23	*542205	WASHER-SPACER PISTON	2
30	542210	SCREW M4x10	1	38	*542216	CRANKSHAFT	1
31	501330	WASHER, FLT 5x10x1.0	1	39	*542047	KEY-WOODRUFF 3x3.5x10	1
32	542211	OIL SEAL 12x32x5.5	1	40	*542217	CRANKCASE GASKET	1
33	542212	RING SNAP 32	1				
34	542154	SCREW M5x30	4				
35	542213	RH CRANKCASE	1				
37	542215	BEARING-BALL 6201	1				
38	542216	CRANKSHAFT	1				
39	542047	KEY-WOODRUFF 3x3.5x10	1				
40	542217	CRANKCASE GASKET	1				
41	542218	BEARING-BALL 6201	1				
42	542219	LH CRANKCASE	1				
43	542220	OIL SEAL 12x22x7	1				
44	542221	ELECTRONIC IGNITION	1				
45	542222	WIRE-SWITCH	1				
46	542179	SCREW M4x14	2				
106	542267	PIN 3x8	3				

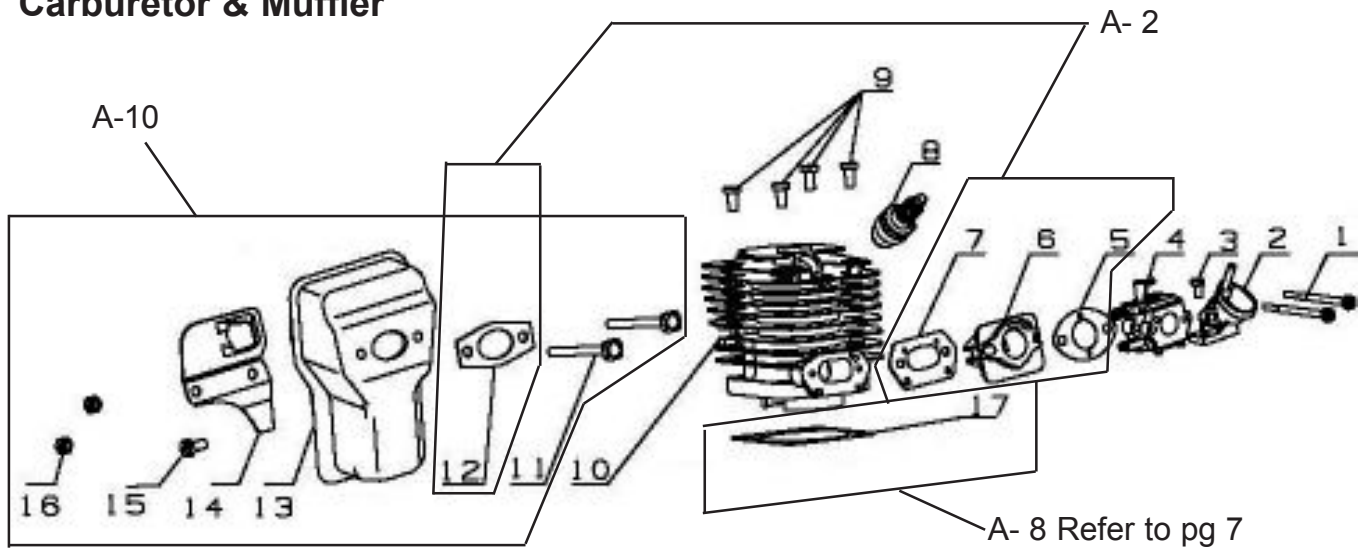


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Carburetor & Muffler



Item No	Part No	Description	Qty	Item No	Part No	Description	Qty
1	542187	CARBURETOR SCREW	2	A-2 542583		Gasket Carb & Manifold Kit	1
2	542188	SUPPORT CARBURETOR	1	5	*542190	CARBURETOR GASKET	1
3	542170	SCREW 5x16	1	6	*542191	BOOT-INTAKE	1
4	542189	CARBURETOR	1	7	*542192	GASKET-INTAKE	1
5	542190	CARBURETOR GASKET	1	12	*542196	GASKET MUFFLER	1
6	542191	BOOT-INTAKE	1	A-10 542591		Muffler Assembly, Complete	1
7	542192	GASKET-INTAKE	1	11	*542195	SCREW M5x60	2
8	542193	SPARK PLUG	1	12	*542196	GASKET MUFFLER	1
9	503727	SCREW M5x20	4	13	*542197	MUFFLER	1
10	542194	CYLINDER	1	14	*542198	SHIELD-MUFFLER	1
11	542195	SCREW M5x60	2	15	*542181	SCREW M5x14	1
12	542196	GASKET MUFFLER	1	16	*542432	NUT M5	2
13	542197	MUFFLER	1				
14	Available only in assembly 542591						
15	542181	SCREW M5x14	1				
16	542432	NUT M5	2				
17	542199	GASKET-CYLINDER	1				

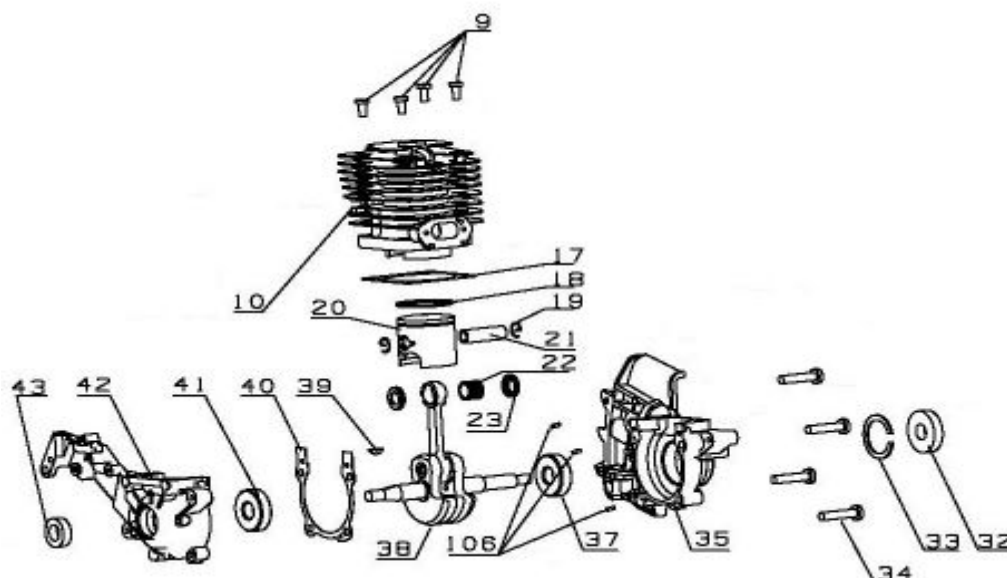


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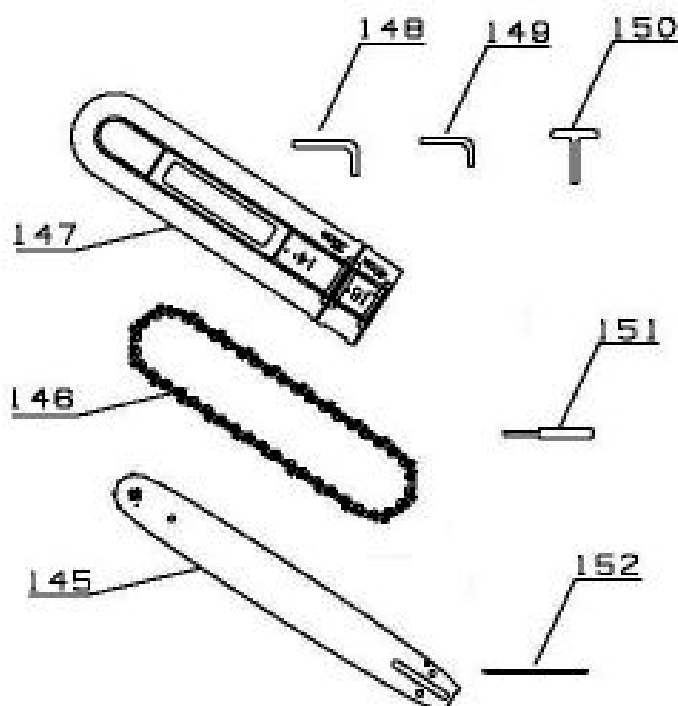
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Engine Block



Item No	Part No	Description	Qty	Item No	Part No	Description	Qty
	542477	ENGINE BLOCK, CHAINSAW 16"		33	542212	RING SNAP 32	1
		Including :		34	542154	SCREW M5x30	4
9	503727	SCREW M5x20	4	35	542213	RH CRANKCASE	1
10	542194	CYLINDER	1	37	542215	BEARING-BALL 6201	1
17	542199	GASKET-CYLINDER	1	38	542216	CRANKSHAFT	1
18	542200	PISTON RING	1	39	542047	KEY-WOODRUFF 3x3.5x10	1
19	542201	PISTON CIRCLIP	2	40	542217	CRANKCASE GASKET	1
20	542202	PISTON	1	41	542218	BEARING-BALL 6201	1
21	542203	PISTON PIN	1	42	542219	LH CRANKCASE	1
22	542204	BEARING-NEEDLE	1	43	542220	OIL SEAL 12x22x7	1
23	542205	WASHER-SPACER PISTON	2	106	542267	PIN 3x8	3
32	542211	OIL SEAL 12x32x5.5	1				

Accessories



Item No	Part No	Description	Qty
145	542291	BAR 16"	1
146	542292	CHAIN 16"	1
147	542113	GUIDE-BAR COVER, 16"	1
148	542175	ALLEN KEY- 4 MM HEX	1
149	542176	ALLEN KEY- 3 MM HEX	1
150	542177	SKET-PLUG SPANNER	1
151	542178	SCREWDRIVER	1
152	542174	FILE-CHAIN, 4MM ROUND	1
	542037	OWNER MANUAL	1



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ASSEMBLIES

A- 1 542582 Brake Assy,Chain Complete 1 Pg 5 109 *542269 LEVER-CHAIN BRAKE 1 110 *542270 ACTUATOR-SAFETY BRAKE 1 111 *542271 SLEEVE-LEVERAGE, OUTER 1 112 *542272 SLEEVE-LEVERAGE, INNER 1 113 *542491 SCREW M5x40 1 114 *501793 NUT M8 2 115 *542273 BRAKE HOUSING 1 116 *542183 SCREW ST4.2x10 2 117 *542274 PLATE-COVER, ADJUSTER 1 118 *542275 SPRING-COIL, LEVERAGE 2 119 *542276 WASHER-LEVERAGE SPRING 1 120 *542277 SPRING-LEVERAGE 2 121 *542161 NUT M5 1 122 *542278 WASHER 5.2x15x1.5 1 123 *542279 SPRING-SAFETY BRAKE 1 124 *542280 COVER-CHAIN BRAKE 1 125 *542182 SCREW ST4.2x13 2 126 *542281 LINK-PUSHER, BRAKE 1 127 *542282 LINK-SWIVEL, BRAKE 1 128 *PIN 3x15 1 129 *PIN 3x9 2 130 *LEVER-SPRING, ACTUATOR 1 131 *542283 SPRING-SAFETY ACTUATOR 1 132 *542284 BAND-BRAKE 1	A- 5 542586 Breather Assy, Fuel Complete 1 Pg 4 72 *542243 CAP-BREATHER,FUEL 1 73 *542244 VALVE-BREATHER,FUEL 1 74 *542245 BODY-BREATHER,FUEL 1 75 *542246 GROMMET-BREATHER,FUEL 1
A- 2 542583 Gasket Carb & Manifold Kit 1 Pg 8 5 *542190 CARBURETOR GASKET 1 6 *542191 BOOT-INTAKE 1 7 *542192 GASKET-INTAKE 1 12 *542196 GASKET MUFFLER 1	A- 6 542587 Filter Assy & Hose,Oil Comp 1 Pg 4 63 *542235 OIL HOSE 2 Pg 6 67 *542239 SPIGOT-OIL 1 Pg 6 76 *542247 SCREW 4x16 1 Pg 4 77 *542248 HOSE-BREATHER,OIL 1 Pg 4 78 *542443 CONNECTOR-HOSE,OIL 1 Pg 4 79 *542250 FILTER,OIL 1 Pg 4 80 *542251 CONNECTOR-FILTER,OIL 1 Pg 4
A-3 542584 Bolt Assy, Chain Tension 1 Pg 7 26 *SCREW-CHAIN GUIDE 1 27 *TENSIONER SCREW 1 28 *ADJUSTER-TOOTHED, TENSION 1	A- 7 542588 Starter Assy, Complete 1 Pg 6 3 SCREW 5 x 16 4 134 WASHER 1 135 ROPE-STARTER 1 136 PULLEY-STARTER 1 137 COVER-SPRING 1 138 SPRING-STARTER 1 139 GROMMET-OUTER 1 140 HOUSING-STARTER 1 141 HANDLE-STARTER 1
A- 4 542585 Hose Assy, Fuel Complete 1 Pg 4 69 *542240 HOSE ASSY 1 70 *542241 FUEL HOSE SUPPORT 1 71 *542242 FUEL FILTER 1 86 *542441 PRIMER-FUEL 1	A- 8 542589 Crank Shaft & Piston Assy 1 Pg 7 17 *542199 GASKET-CYLINDER 1 18 *542200 PISTON RING 1 19 *542201 PISTON CIRCLIP 2 20 *542202 PISTON 1 21 *542203 PISTON PIN 1 22 *542204 BEARING-NEEDLE 1 23 *542205 WASHER-SPACER PISTON 2 38 *542216 CRANKSHAFT 1 39 *542047 KEY-WOODRUFF 3x3.5x10 1 40 *542217 CRANKCASE GASKET 1



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ASSEMBLIES

A-9 542590 Clutch Assembly (No Drum) 1 Pg 6 54 *GUIDE-INNER, CLUTCH 1 55 *SPRING CLUTCH 1 56 *CLUTCH 3	A-14 542595 Body & Handle Assy Complete 1 Pg 4 3 *542170 SCREW 5x16 1 68 *542181 SCREW M5x14 1 69 *542240 HOSE ASSY 1 70 *542241 FUEL HOSE SUPPORT 1 71 *542242 FUEL FILTER 1 72 *542243 CAP-BREATHER,FUEL 1 73 *542244 VALVE-BREATHER,FUEL 1 74 *542245 BODY-BREATHER,FUEL 1 75 *542246 GROMMET-BREATHER,FUEL 1 76 *542247 SCREW 4x16 1 77 *542248 HOSE-BREATHER,OIL 1 78 *542443 CONNECTOR-HOSE,OIL 1 79 *542250 FILTER,OIL 1 80 *542251 CONNECTOR-FILTER,OIL 1 81 *542252 COVER-REAR HANDLE 1 82 *542253 ROD-THROTTLE 1 83 *542254 TRIGGER 1 84 *542255 SPRING-TRIGGER 1 85 *542256 LEVER-SAFETY TRIGGER 1 86 *542441 PRIMER-FUEL 1 87 *542123 ON-OFF SWITCH 1 88 *542257 TANK-FUEL/OIL 1 89 *542258 SCREW ST5x25 1 90 *542259 PIN 6x34 1 91 *RETAINER-FUEL/OIL CAP 1 92 *WASHER-OIL CAP 1 93 *OIL CAP 1 94 *FUEL CAP 1 95 *WASHER-FUEL CAP 1 96 *RETAINER-FUEL CAP 1
A-10 542591 Muffler Assembly Complete 1 Pg 8 11 *542195 SCREW M5x60 2 12 *542196 GASKET MUFFLER 1 13 *542197 MUFFLER 1 14 *542198 SHIELD-MUFFLER 1 15 *542181 SCREW M5x14 1 16 *542432 NUT M5 2	
A-11 542592 Cover,Air Filter & Knob 1 Pg 3 98 *542666 KNOB-AIR FLITER 1 99 *542435 WASHER-KNOB 1 100 *542249 COVER AIR FILTER 1	
A-12 542593 Cap Assembly, Fuel Complete 1 Pg 4 94 *FUEL CAP 1 95 *WASHER-FUEL CAP 1 96 *RETAINER-FUEL CAP 1	
A-13 542594 Cap Assembly, Oil Complete 1 Pg 4 91 *RETAINER-FUEL/OIL CAP 1 92 *WASHER-OIL CAP 1 93 *OIL CAP 1	