

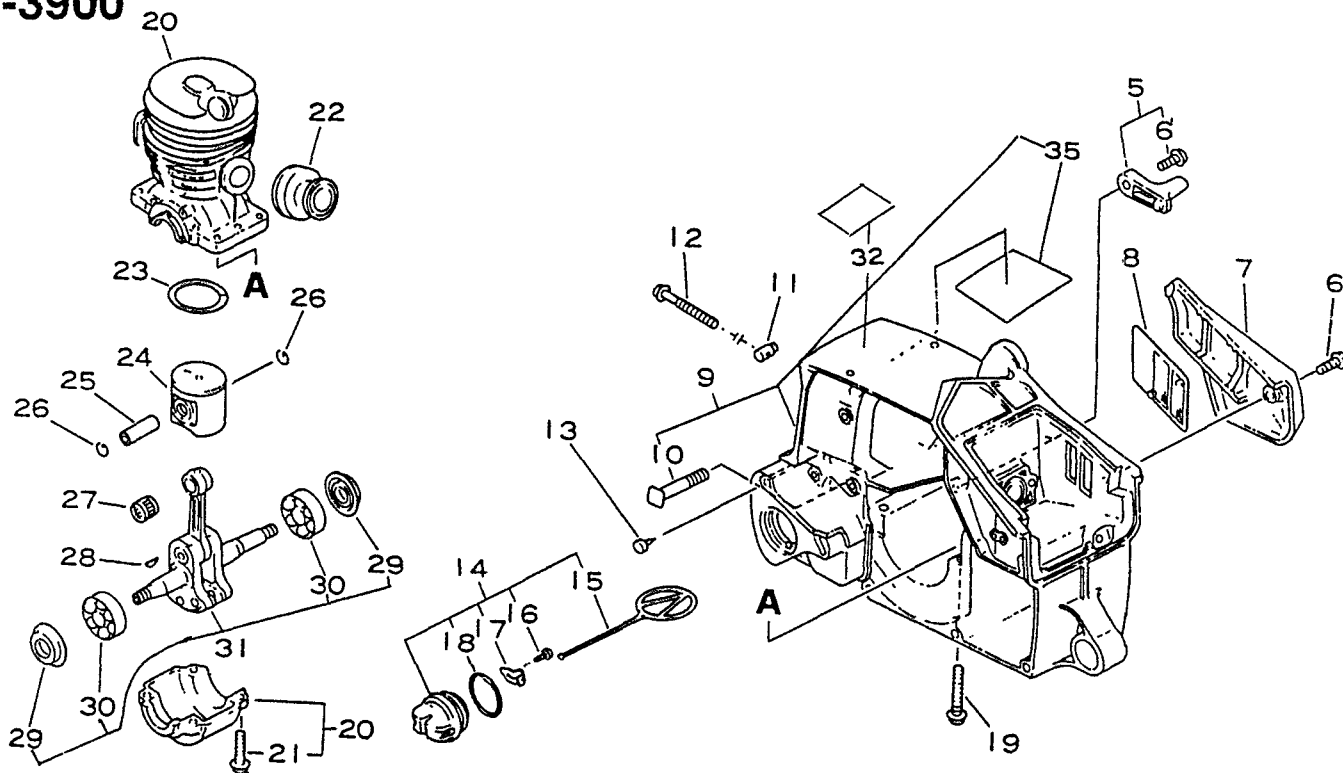


**CHAIN SAW PARTS BOOK
MODEL CS-3900**

ECHO, INCORPORATED
400 OAKWOOD ROAD, LAKE ZURICH, IL 60047

999222 01937
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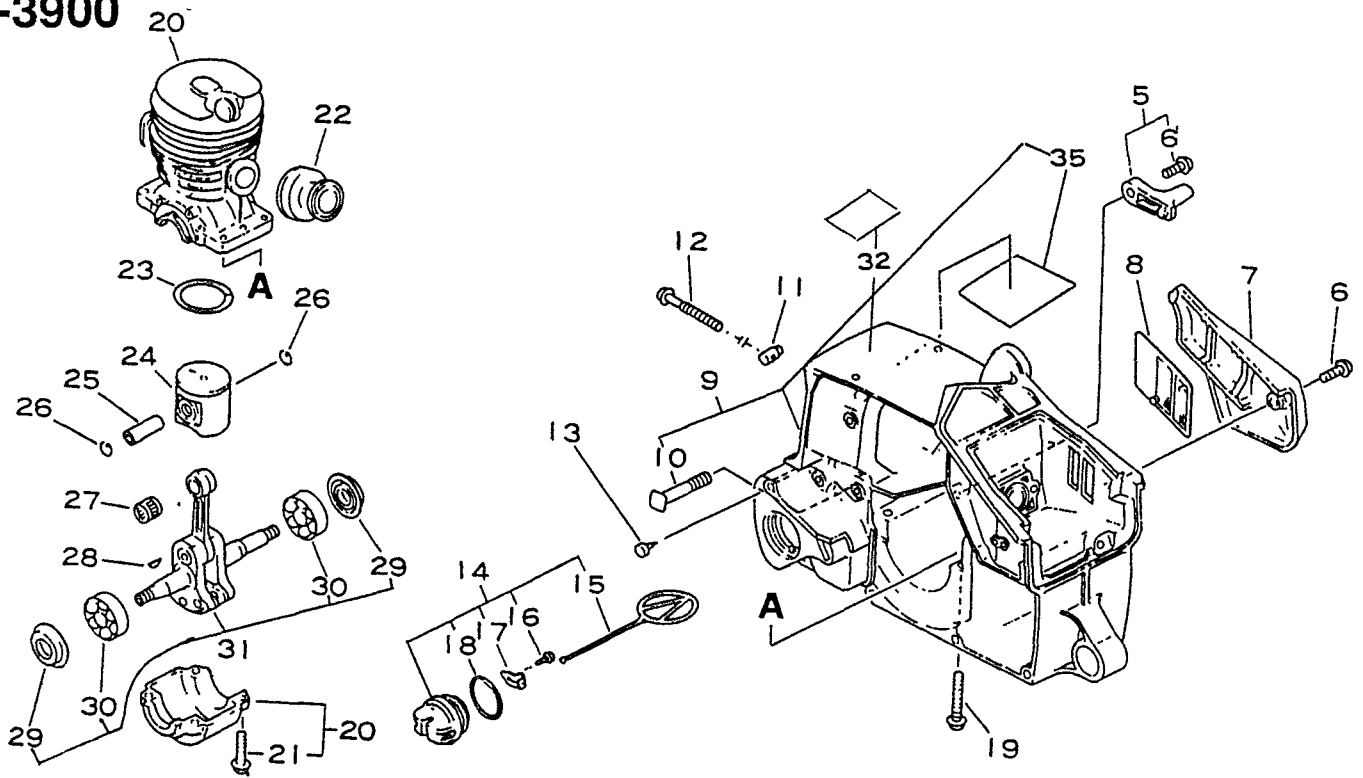
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KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
5	433026 37930	1	CATCHER, CHAIN	INCLUDES ITEM 6
6	900252 05020	1	SCREW 5X20	
7	104012 37930	1	COVER, DUST	
8	104016 35430	1	COVER	
9	104008 37930	1	COVER, ENGINE	INCLUDES ITEMS 10 & 35
10	433011 19830	2	STUD, GUIDE BAR	
35	101520 35430	1	COVER	
11	433014 03931	1	TENSIONER	
12	433016 35430	1	SCREW, TENSIONER	
13	436114 13930	1	VALVE, CHECK	
14	436001 37932	1	CAP ASY, OIL TANK	INCLUDES ITEMS 15 - 18
15	131051 19830	1	CLIP, FUEL CAP	
16	900246 03008	1	SCREW 3X8	
17	131050 19830	1	RETAINER, LINK	
18	900725 02025	1	O-RING 2025	
19	900162 05030	4	BOLT, H.S. 5X30	
20	100202 37330	1	CYLINDER ASY	INCLUDES ITEM 21
21	900162 05025	4	BOLT, H.S. 5X25	
22	130510 37330	1	BELLOWS, INTAKE	

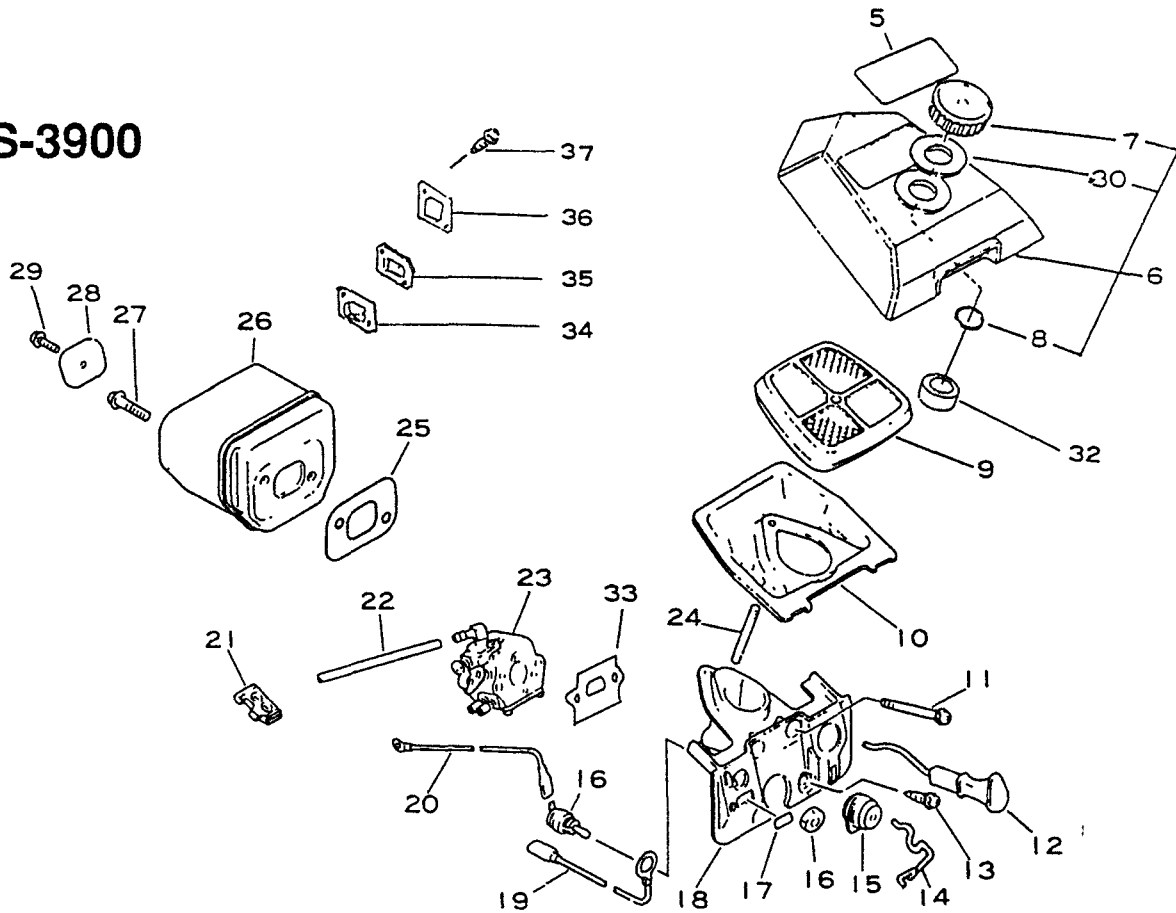
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KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
23	100011 37330	1	RING, PISTON	
24	100010 37330	1	PISTON	
25	100013 35430	1	PIN, PISTON	
26	100015 03930	2	CIRCLIP, PISTON PIN	
28	100142 42030	1	KEY, WOODRUFF	
31	100101 35430	1	CRANKSHAFT ASY	INCLUDES ITEMS 27, 29 & 30
27	100012 35430	1	BEARING, NEEDLE	
29	100212 35430	2	OILSEAL	
30	900810 36201	2	BEARING, BALL 6201	
32	890192 37330	1	LABEL, BAR & CHAIN	

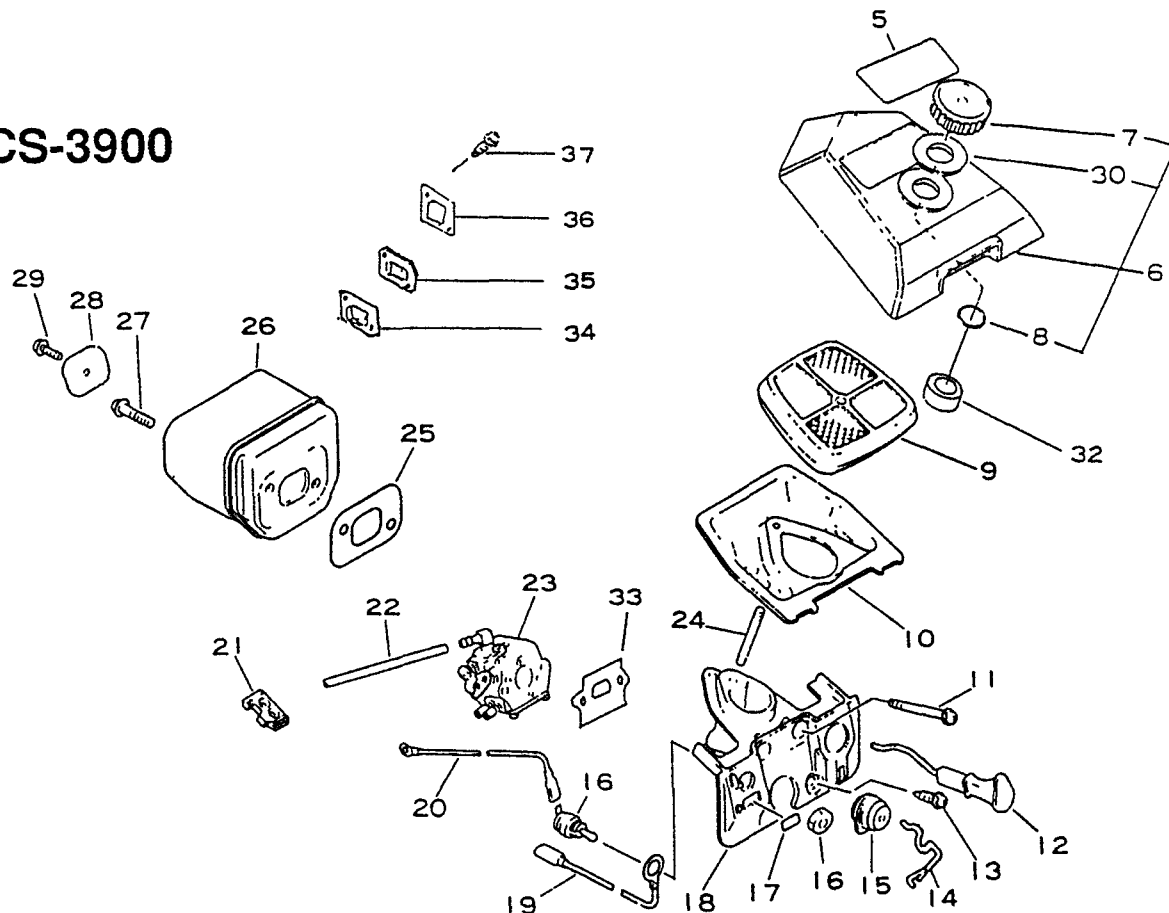
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KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
5	890151 37330	1	LABEL, MODEL	
6	130302 35430	1	COVER, AIR CLN W/SCREW	INCLUDES ITEM 7, 8 & 30
7	130406 33330	1	KNOB, THUMB	
8	900720 00011	1	O-RING 11	
30	130414 37330	1	GASKET, CIRCULAR	
9	130300 36030	1	CLEANER ASY, AIR	
10	130320 35430	1	SEAL	
11	900252 05055	2	SCREW 5X55	
12	178510 37930	1	ROD, CHOKE	
13	900252 05020	1	SCREW 5X20	
14	178011 35430	1	ROD, THROTTLE	
15	178114 35430	1	GROMMET, THROTTLE	
16	163400 35430	1	SWITCH, IGNITION	
17	890157 35430	1	LABEL, SWITCH	
18	130405 37930	1	BRACKET, AIR CLEANER	
19	156621 35430	1	LEAD	
20	156630 37330	1	LEAD	
21	132115 35430	1	GROMMET	
22	437211 16431	1	PIPE	
23	-----	1	CARBURETOR WT-118A	SEE PGS. 12 & 13 FOR BREAKDOWN

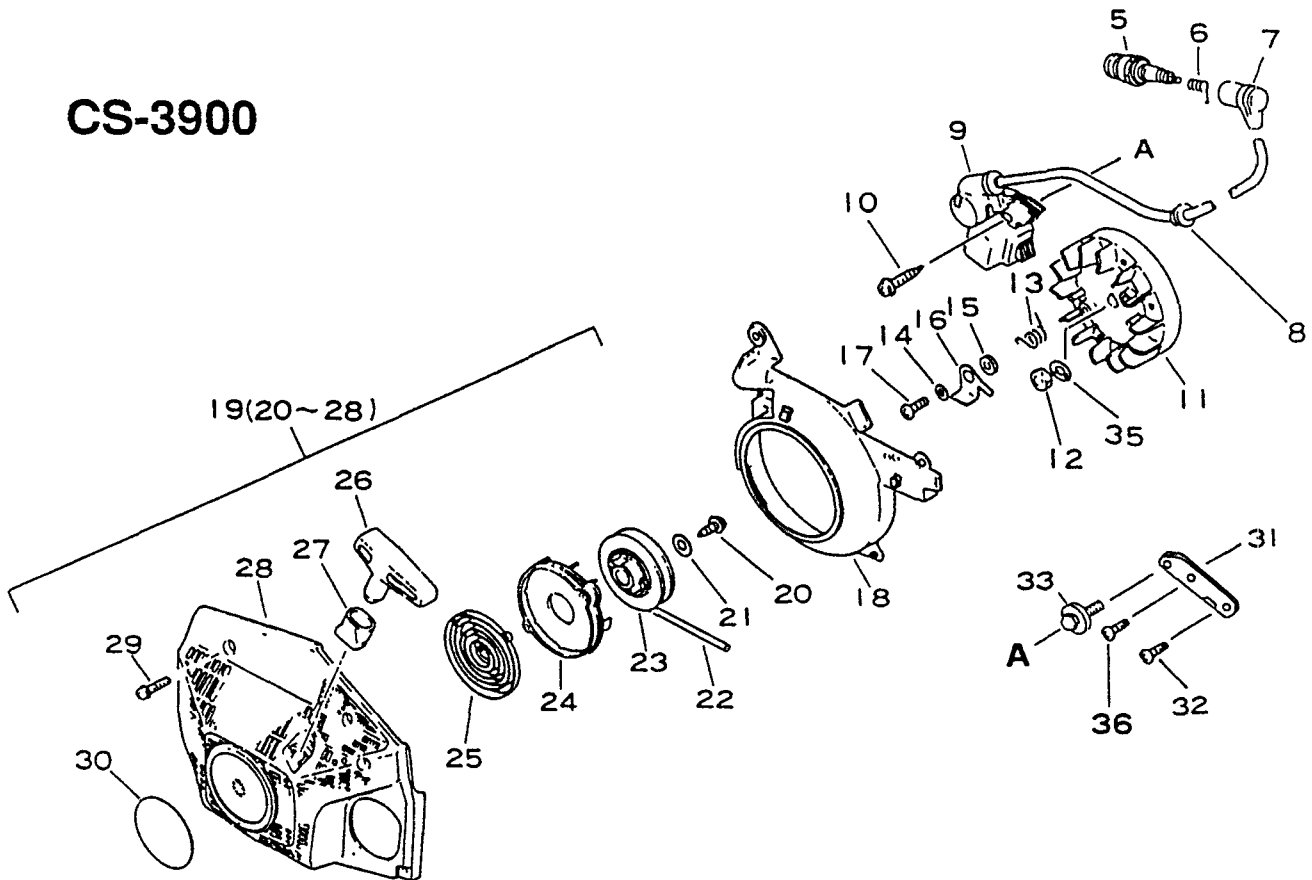
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KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
24	130325 32330	1	STUD, AIR CLEANER	
25	145510 35431	1	GASKET, MUFFLER	
26	145805 35430	1	MUFFLER, EXHAUST	
27	900162 05018	2	BOLT, H.S. 5X18	
28	145711 35430	1	PLATE	
29	900238 04008	1	SCREW 4X8	
32	130414 35430	1	CAP, INSIDE	
33	130010 35430	1	GASKET, CARBURETOR	
34	145884 35430	1	SCREEN	
35	145863 35430	1	LID, MUFFLER	
36	145859 35430	1	SILENCER	
37	900250 04008	2	SCREW 4X8	

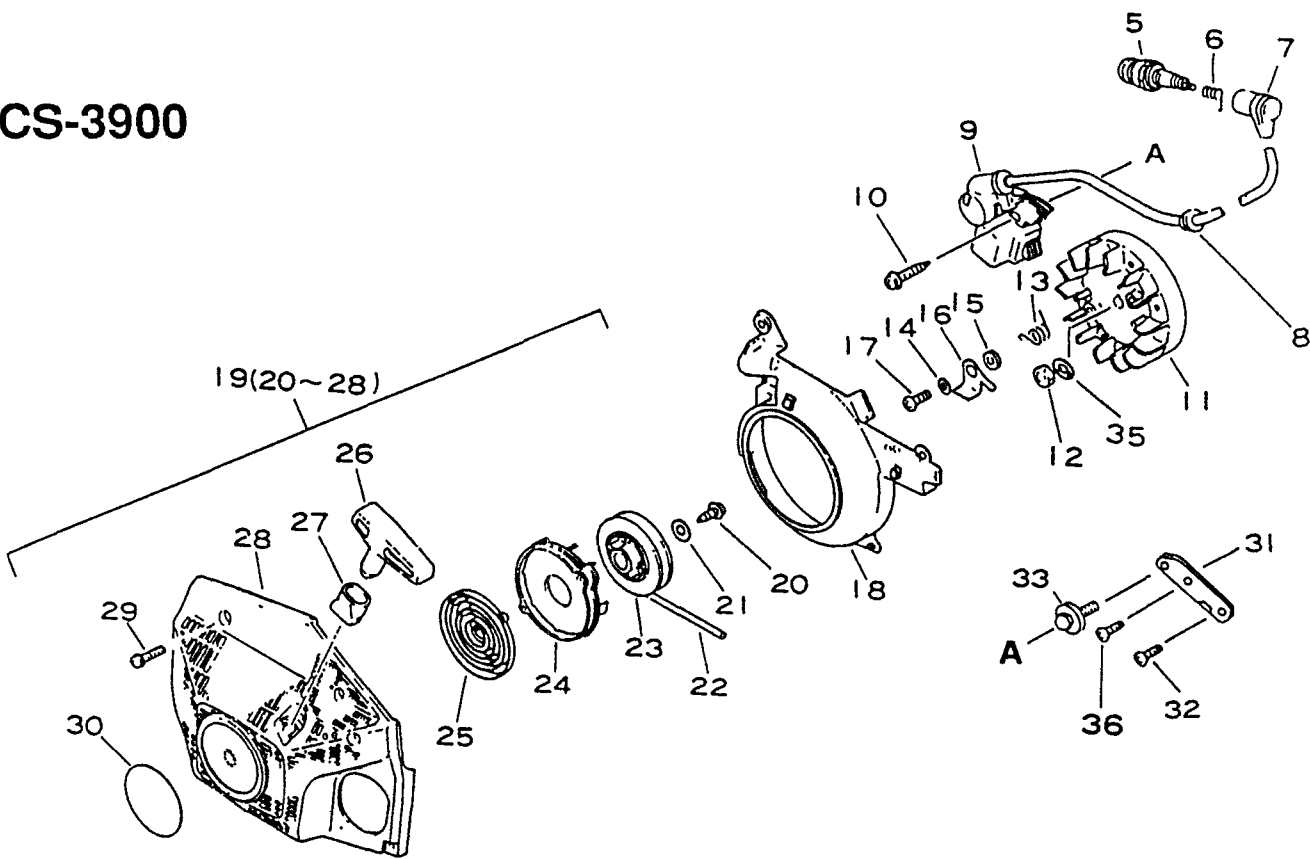
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KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
5	159017 16431	1	PLUG, SPARK CJ-6Y	
6	159011 03432	1	COIL, SPARK PLUG CAP	
7	159012 01620	1	CAP, SPARK PLUG	
8	132115 01460	1	GROMMET, FUEL	
9	156601 37330	1	COIL, IGNITION	
10	900162 04012	2	BOLT, H.S. 4X12	
11	156800 37330	1	FLYWHEEL	
12	900500 00008	1	NUT 8	
13	177234 35430	2	SPRING, RETURN	
14	900603 00005	2	WASHER 5	
15	177247 04630	2	SPACER, RATCHET	
16	177218 35430	2	PAWL, STARTER	
17	900252 05014	2	SCREW 5X14	
18	101535 37330	1	COVER, FAN	
19	177200 37932	1	STARTER ASY	INCLUDES ITEMS 20 - 28
20	900252 05014	1	SCREW 5X14	
21	177214 02830	1	WASHER	
22	177226 11130	1	ROPE, STARTER	
23	177215 35430	1	DRUM, STARTER	
24	177221 35430	1	PLATE, STARTER	

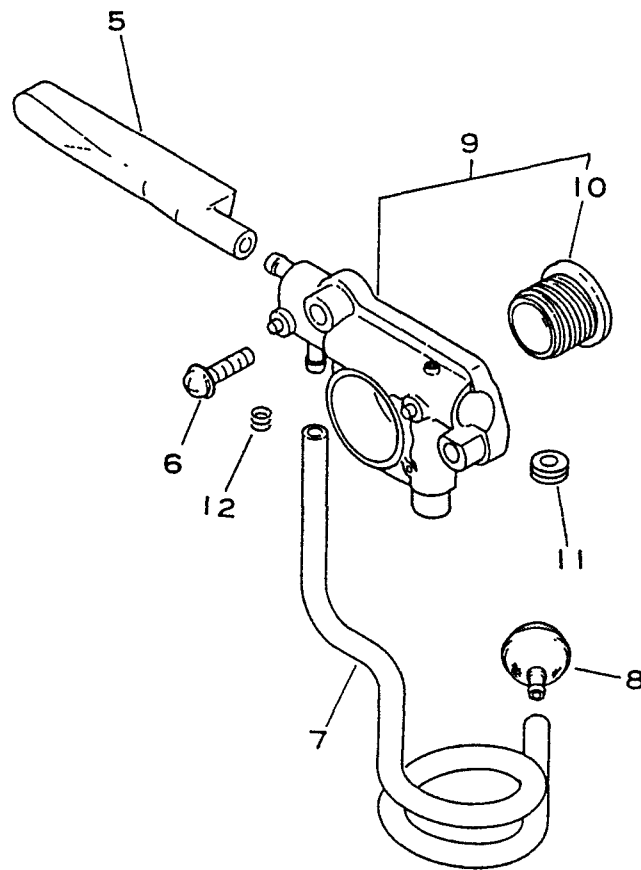
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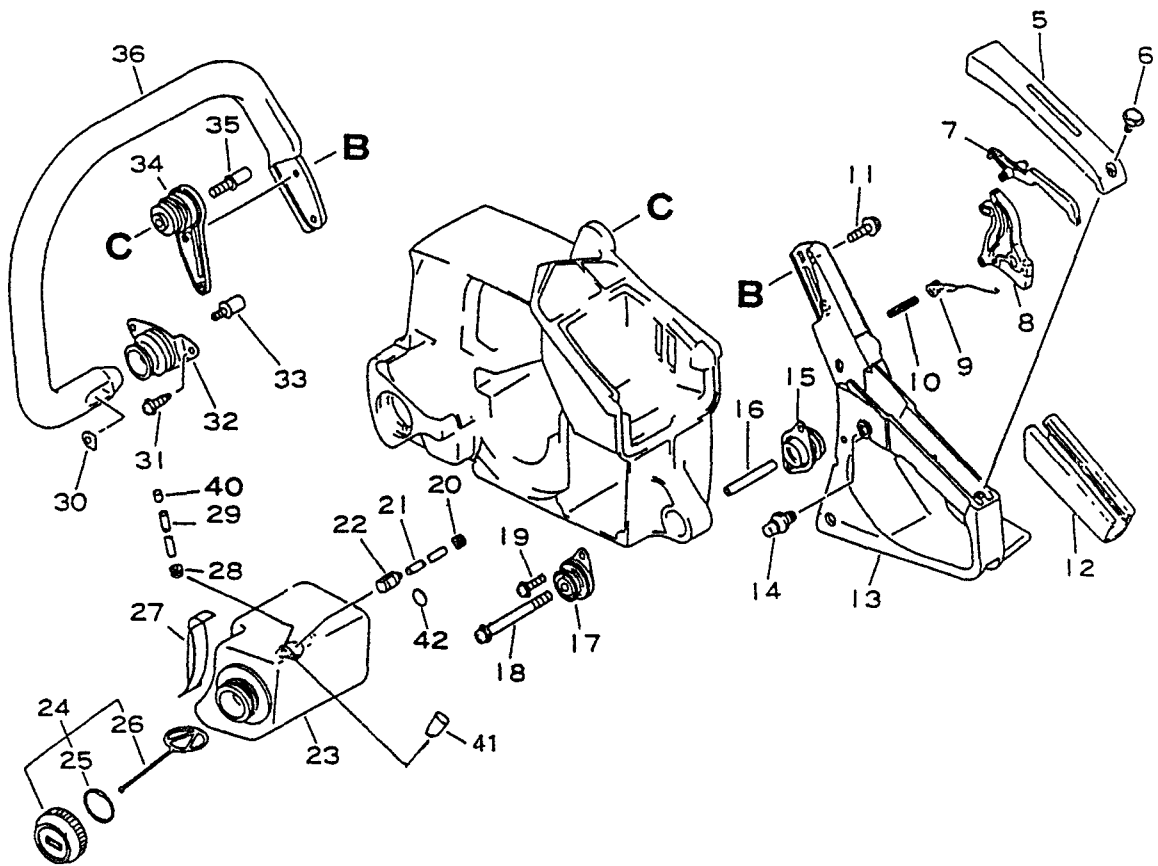
KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
25	177220 35430	1	SPRING, REWIND	
26	177228 35430	1	GRIP, STARTER	
27	177227 35431	1	GUIDE, ROPE	
28	177209 37932	1	CASE, STARTER	
29	900252 05020	4	SCREW 5X20	
30	890112 17832	1	LABEL, ECHO	
31	156635 37330	1	PLATE, CONTACT	
32	900220 04008	1	SCREW 4X8	
33	150640 37330	2	BOLT	
34	900600 00004	4	WASHER 4	
35	900605 00008	1	WASHER, SPRING 8	
36	900216 04006	1	SCREW 4X6	

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KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
5	437211 35430	1	PIPE, OIL	
6	900162 04016	2	BOLT, H.S. 4X16	
7	437210 35430	1	PIPE, OIL	
8	436205 14730	1	STRAINER, OIL	
9	437002 37330	1	AUTO-OILER ASY	INCLUDES ITEM 10
10	437063 37330	1	GEAR, WORM	
11	132115 12330	1	GROMMET	
12	437411 19830	1	CLIP, OIL PIPE	

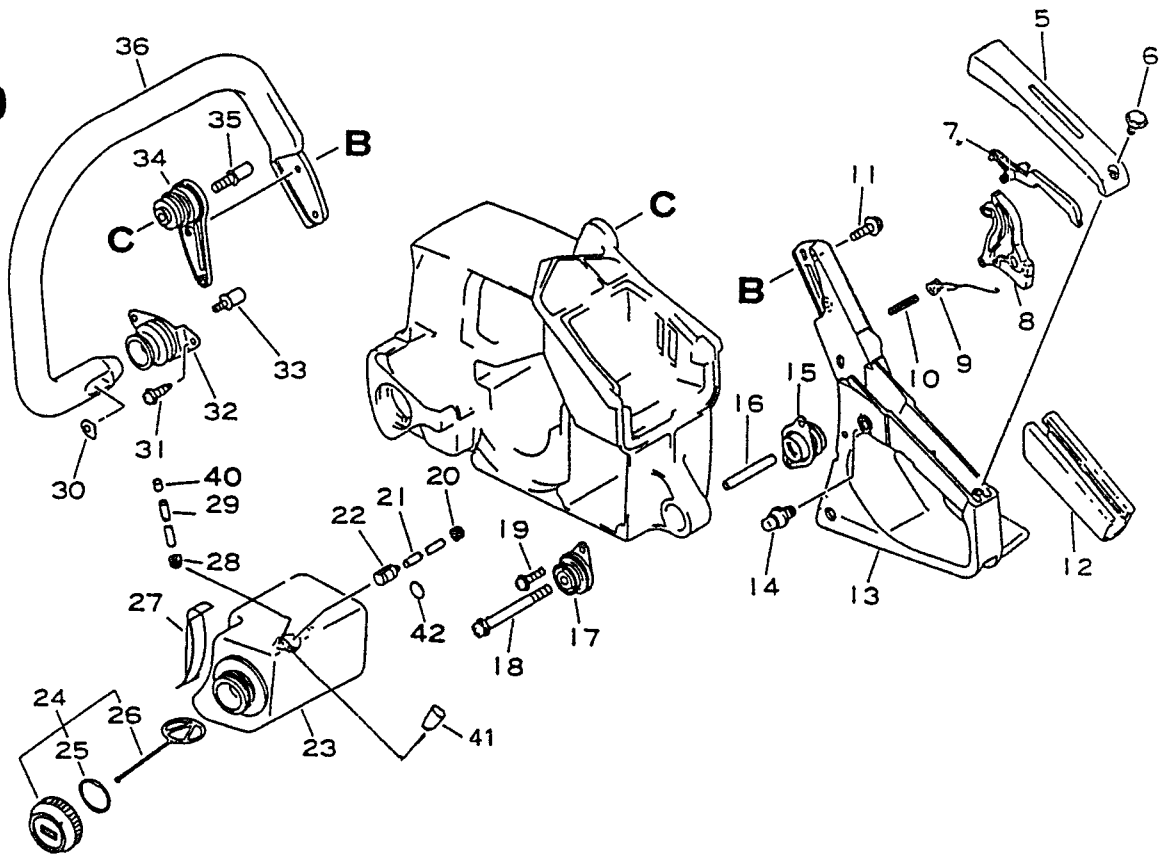
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KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
5	351155 35430	1	COVER, HANDLE	
6	900252 04014	1	SCREW 4X14	
7	178090 37930	1	LOCKOUT, THROTTLE CONTROL	
8	178005 37930	1	CONTROL, THROTTLE	
9	178043 35430	1	SPRING, THROTTLE RETURN	
10	900345 40030	1	PIN, SPRING 4X30	
11	900162 05022	2	BOLT, H.S. 5X22	
12	351111 19830	1	GRIP, HANDLE	
13	351110 37930	1	HANDLE, REAR	
14	178302 37930	1	LATCH, THROTTLE	
15	100917 36030	1	CUSHION	
16	100924 35430	1	COLLER	
17	100922 35430	1	CUSHION, REAR HANDLE	
18	900252 05070	1	SCREW 5X70	
19	900242 04028	2	SCREW 4X28	
20	132115 12330	1	GROMMET	
21	132010 35430	1	PIPE 3X6X230	
22	131205 19830	1	STRAINER, FUEL	
23	131039 37930	1	TANK, FUEL	

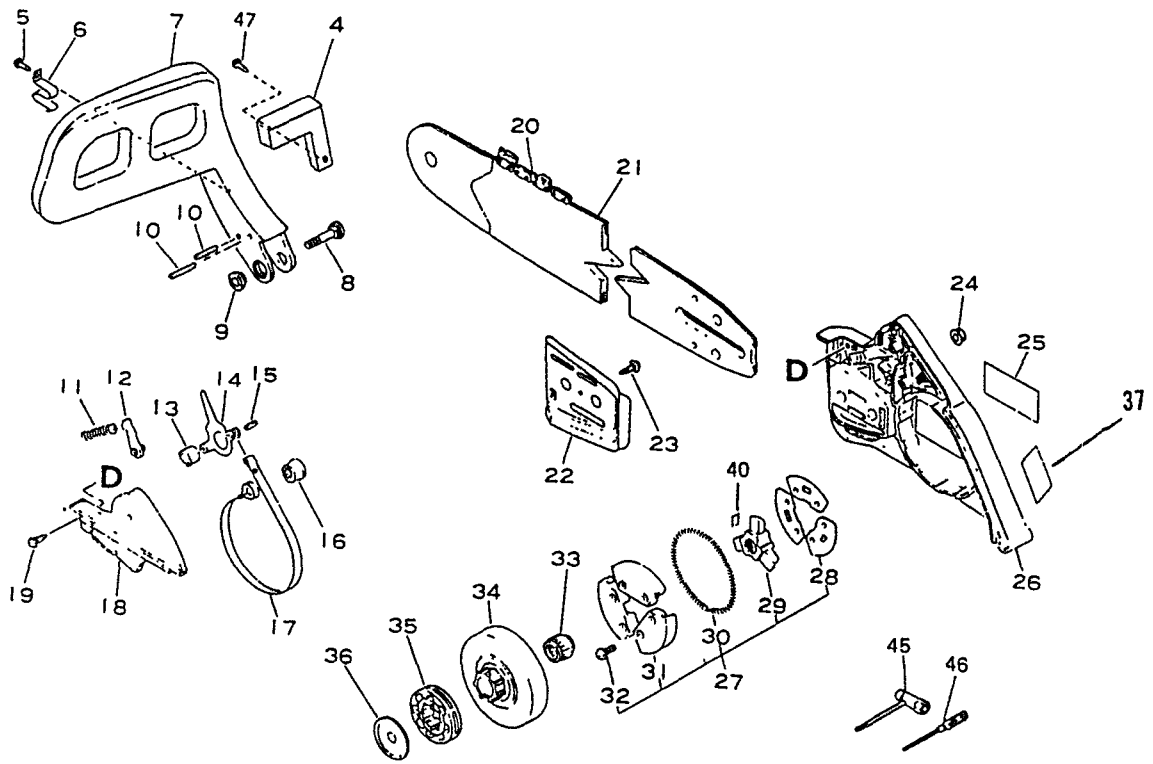
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KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
24	131004 37930	1	CAP ASY, FUEL TANK	INCLUDES ITEMS 25 & 26
25	900720 00022	1	O-RING 22	
26	131051 19830	1	CLIP, FUEL CAP	
27	131910 35430	1	BRACKET, FUEL TANK	
28	131329 35430	1	GROMMET, PULSE	
29	131312 35430	1	PIPE 3X5X130	
30	351611 35430	1	NUT 5MM	
31	900252 05020	1	SCREW 5X20	
32	100910 35430	1	CUSHION	
33	100915 35430	1	SCREW	
34	100921 35430	1	CUSHION	
35	100926 35430	1	SCREW	
36	351640 35430	1	HANDLE, FRONT	
40	131314 35430	1	VALVE, CHECK	
41	100223 07320	1	PLUG	
42	132013 26630	1	CLIP	

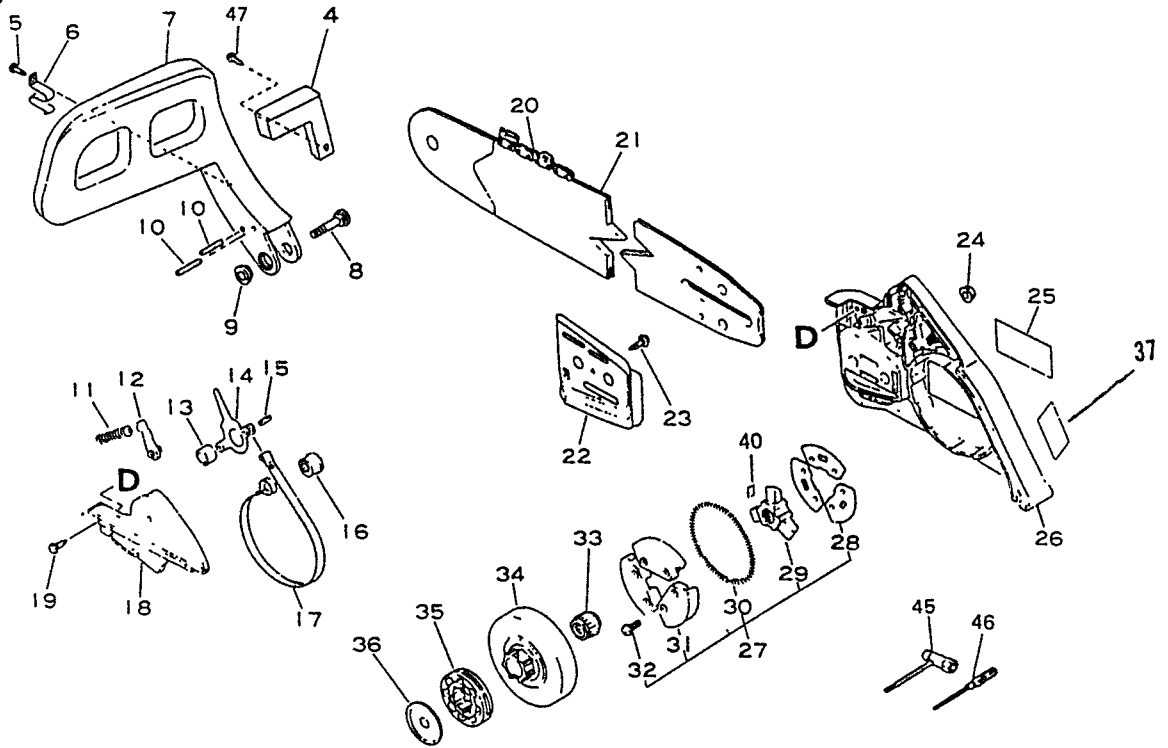
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KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
4	433171 35430	1	WEIGHT, BRAKE	
5	900252 05014	1	SCREW 5X14	
6	433114 35430	1	SPRING, RETURN	
7	433111 35430	1	LEVER, BRAKE	
8	433113 30130	1	SCREW	
9	433137 30130	1	NUT	
10	900330 30240	2	ROLLER 3X28.8	
11	433122 35430	1	SPRING, BRAKE	
12	433209 35430	1	STOPPER, BRAKE	
13	433116 35430	1	SPACER 8	
14	433208 35430	1	LEVER, BRAKE	
15	900340 40008	1	PIN, SPRING 4X8	
16	433142 35430	1	ADJUSTER	
17	433123 35430	1	BAND, BRAKE	
18	433310 37930	1	COVER, BRAKE	
19	900246 04014	2	SCREW 4X14	
22	433013 35430	1	PLATE, GUIDE (INNER)	
23	900246 04008	1	SCREW 4X8	
24	433019 12330	2	NUT, FLANGE 8	
25	890118 18332	1	LABEL, ECHO	

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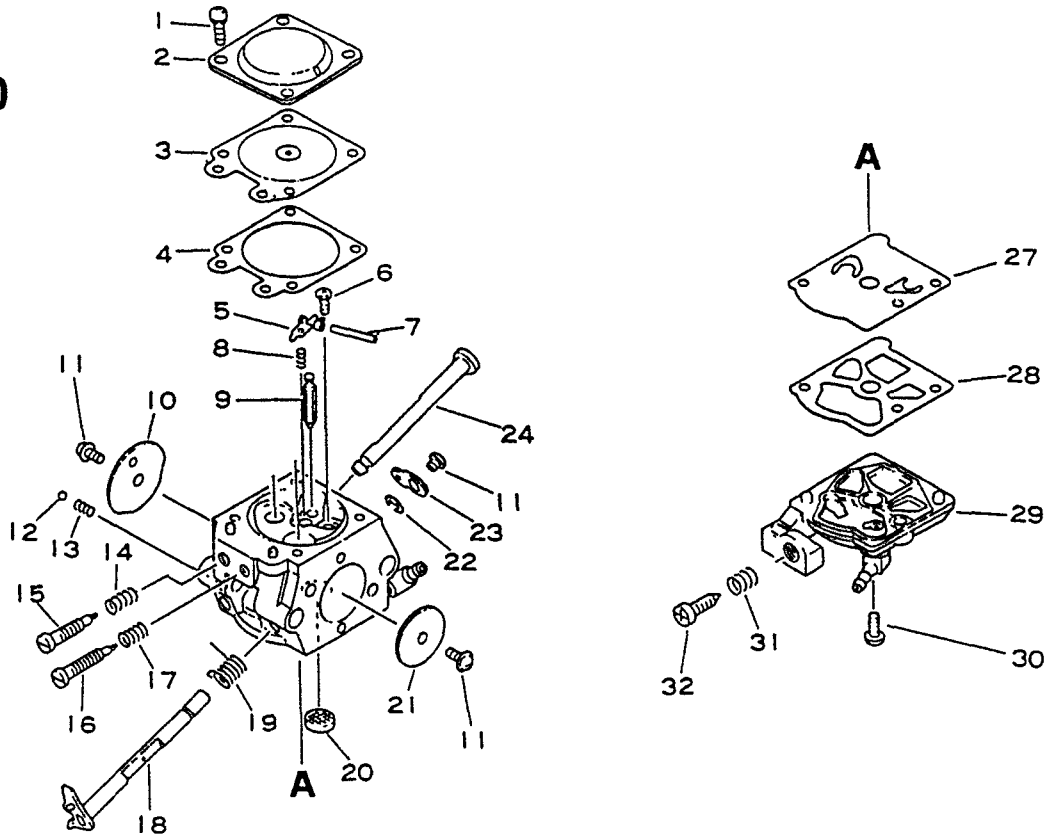


KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
26	433005 37930	1	GUARD, SPROCKET	
27	175000 35430	1	CLUTCH ASY	INCLUDES ITEMS 28 - 32 & 40
28	175019 19830	3	PLATE, CLUTCH	
29	175016 35430	1	HUB, CLUTCH	
30	175018 19830	1	SPRING, CLUTCH	
31	175002 19830	1	SHOE, CLUTCH	
32	900238 04008	6	SCREW 4X8	
40	175062 35430	3	SPACER	
33	100113 04630	1	BEARING, NEEDLE	
34	175105 35430	1	DRUM, CLUTCH	
35	175114 12530	1	SPROCKET, RIM	
36	175015 35430	1	WASHER	
37	890199 37930	1	LABEL, ECHO	
45	895410 02830	1	WRENCH, W/SCREWDRIVER	
46	895812 03930	1	SCREWDRIVER	
47	900267 04014	2	SCREW	

NOTE: CS-3900 BAR AND CHAIN OPTIONS

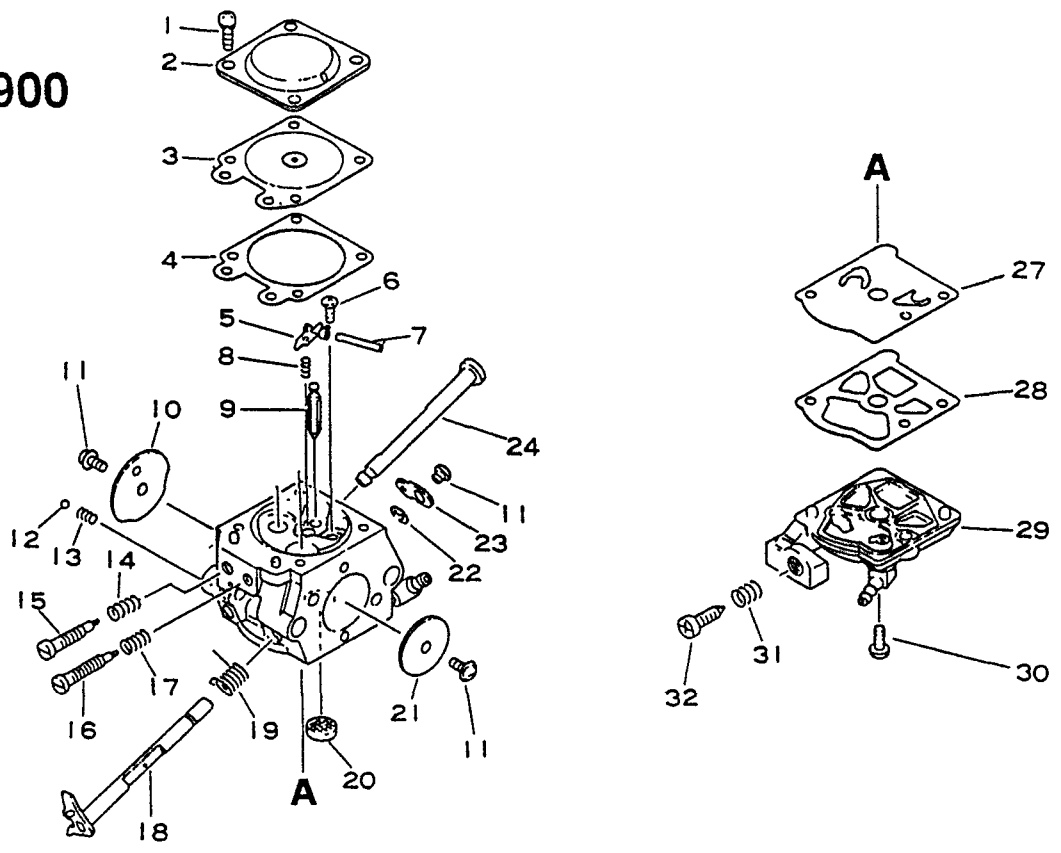
20	33SL-66X	16" CHAIN
	33SL-72X	18" CHAIN
21	16AOAD3366	16" GUIDE BAR
	18AOAD3372	18" GUIDE BAR

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KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
	123000 37331	1	CARBURETOR WT-118A	
1	A	4	SCREW	
2	123142 03930	1	COVER, MTRING DIAPHRAGM	
3	A B	1	DIAPHRAGM, MTRING	
4	A B	1	GASKET, MTRING DIAPHRAGM	
5	A	1	LEVER, MTRING	
6	A	1	SCREW, MTRING LEVER PIN	
7	A	1	PIN, MTRING LEVER	
8	A	1	SPRING, MTRING LEVER	
9	A	1	VALVE, INLET NEEDLE	
10	123116 10530	1	VALVE, THROTTLE	
11	123114 03930	3	SCREW	
12	123136 10630	1	BALL, CHOKE FRICTION	
13	123135 10630	1	SPRING, CHOKE FRICTION	
14	A	1	SRPING, NEEDLE	
15	123120 37330	1	NEEDLE, HIGH SPEED	
16	123118 37330	1	NEEDLE, IDLE	
17	123121 22130	1	SPRING, NEEDLE	
18	123117 35430	1	SHAFT, THROTTLE	
19	123113 37330	1	SPRING, THROTTLE RETURN	
20	A	1	SCREEN, INLET	

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KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
21	123132 37330	1	VALVE, CHOKE	
22	123127 03930	1	CLIP, THROTTLE SHAFT	
23	123150 35430	1	LEVER, THROTTLE	
24	123131 35430	1	SHAFT, CHOKE	
27	A B	1	DIAPHRAGM, FUEL PUMP	
28	A B	1	GASKET, FUEL PUMP	
29	123124 35430	1	COVER, FUEL PUMP	
30	123110 03930	1	SCREW	
31	A	1	SPRING, IDLE ADJUST	
32	123134 04260	1	SCREW, IDLE ADJUST	

(A) USE CARBURETOR REPAIR KIT T.B.A.

(B) USE CARBURETOR DIAPHRAGM/GASKET KIT T.B.A.