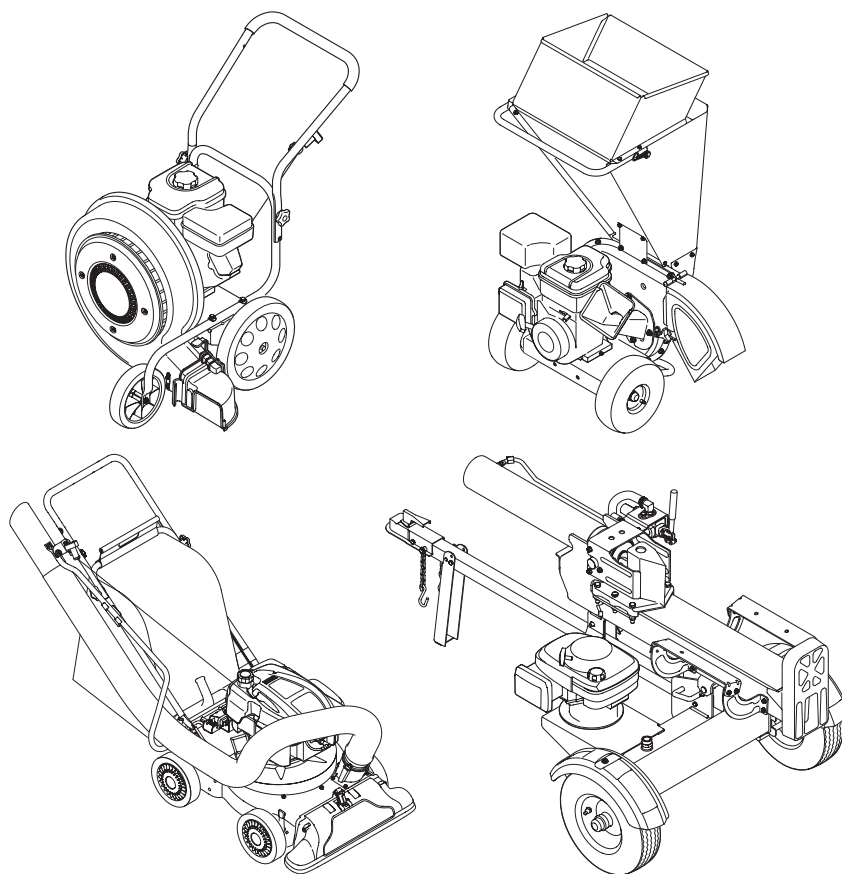

Cub Cadet.

ILLUSTRATED PARTS MANUAL



Fall / Winter Chore Performers

CUB CADET LLC, P.O. BOX 361131 CLEVELAND, OHIO 44136-0019

To The Owner

Thank You

Thank you for purchasing a Chore Performer. It was carefully engineered to provide excellent performance when properly operated and maintained.

All information in this manual is relative to the most recent product information available at the time of printing. Please be aware that this Illustrated Part's Manual may cover a range of product specifications for various models.

Components listed and/or illustrated in this manual may not be applicable to all models. We reserve the right to change product specifications, designs and equipment without notice and without incurring obligation.

Throughout this manual, all references to *right* (RH) and *left* (LH) are observed from the operating position.

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Record Product Information

To ease in ordering replacement parts, please locate the model plate on the equipment and record the information in the provided area to the right. You can locate the model plate by looking beneath the seat.

MODEL NUMBER

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SERIAL NUMBER

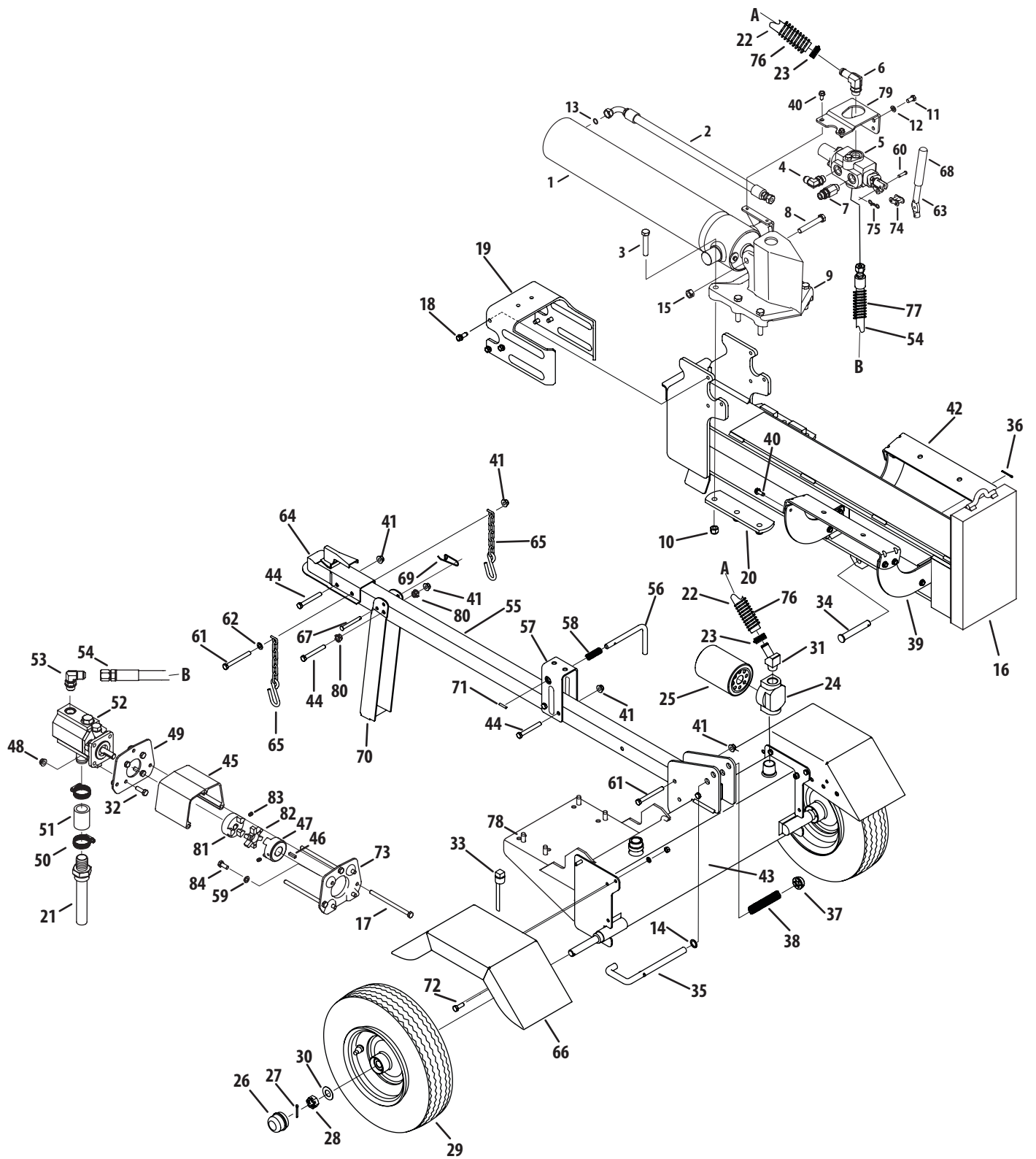
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Painted Parts

When ordering painted service parts, a four digit color suffix must be added to the part number (e.g. 783-XXXX-0637). Please refer to the table below for current color codes:

0637	Black	0685	Blue (Cub Cadet)
4021	Yellow (Cub Cadet)	0691	Black Jack (Cub Cadet Commercial)
0499	Beige (Cub Cadet)		

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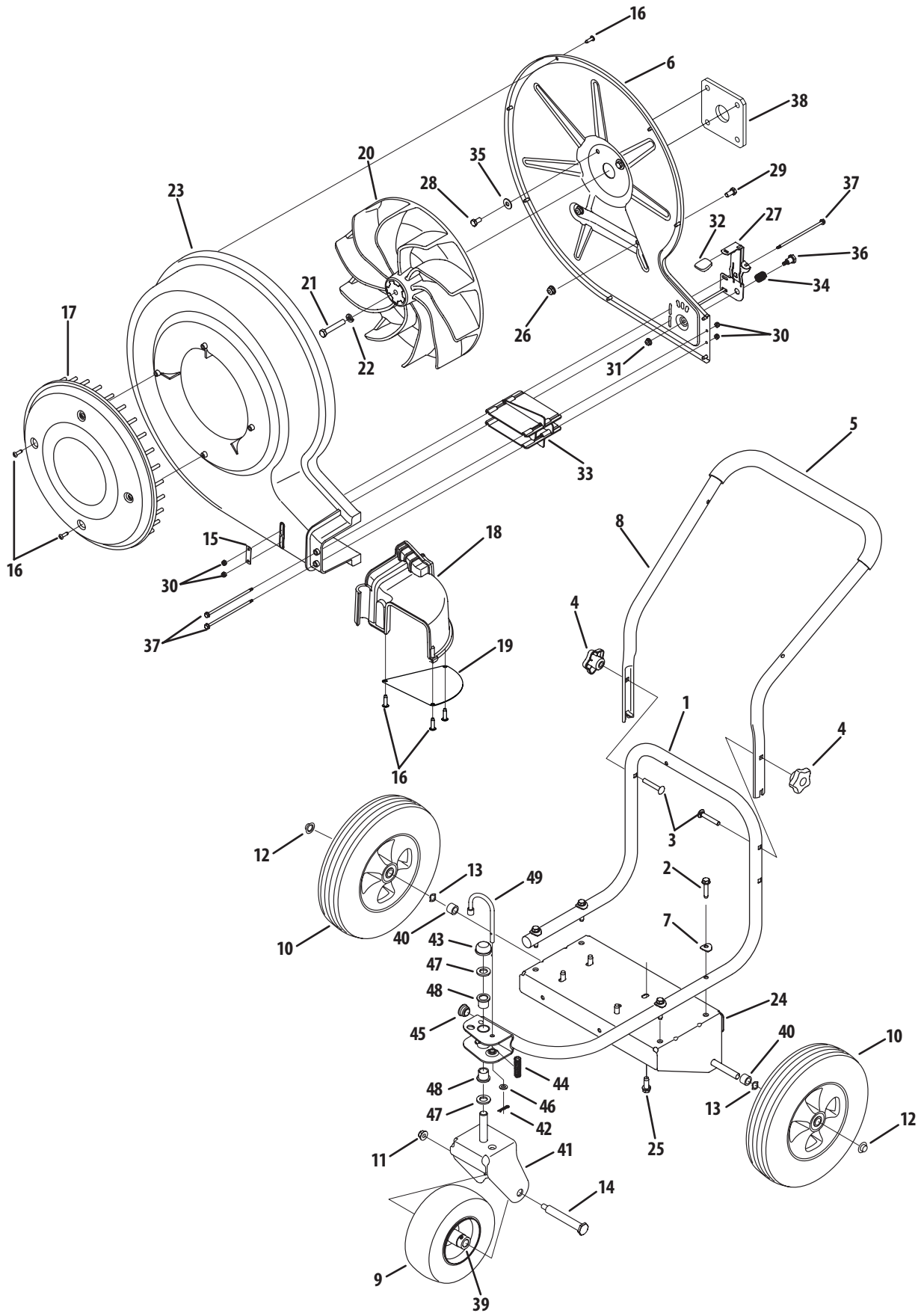
Ref.	Part Number	Description
1	918-04713	Hydraulic Cylinder
2	727-04362	Hydraulic Tube
3	710-1018	Hex Cap Screw, 1/2-20 x 2.75
4	737-04320	90 Degree Solid Adapter
5	718-04706	Control Valve
6	737-04307	Return Elbow
7	737-04309	Nipple Pipe, 1/2-14
8	710-1806	Hex Cap Screw, 1/2-13 x 3.25
9	719-04529	Wedge Assembly
10	912-3058	Hex Lock Nut, 1/2-20
11	710-0216	Hex Cap Screw, 3/8-16 x .75
12	936-0169	Lock Washer, 3/8
13	721-0330	O-Ring, .468 ID x .078 Dia.
14	936-0116	Flat Washer, .635 x .93 x .06
15	712-3022	Hex Lock Nut, 1/2-13
16	681-04126	Beam Assembly
17	710-0974	Hex Screw, 5/16-18 x 4.75
18	710-04683	Self Tapping Screw, 3/8-16 x 1.0
19	781-04426	Dislodger Bracket
20	781-0790A	Back Plate
21	737-04308	Inlet Filter
22	727-0443	Return Hose, 3/4 x 44
23	726-0132	Hose Clamp, 5/8
24	737-0316	Filter Housing
	737-04267	Filter Housing
25	723-0405	Oil Filter
26	734-0873	Hub Cap
27	714-0162	Cotter Pin
28	712-0359	Slotted Nut, 3/4-16
29	634-0187	Complete Wheel Assembly
	921-0168	Dust Seal
	941-0987	Roller Bearing
30	936-0351	Flat Washer, .760 x .500
31	737-0312	Adapter, 3/4-14
	737-04323	Hydraulic Fitting, 1 1/16 Orb x .75
32	710-0376	Hex Screw, 5/16-18 x 1.00
33	737-0348A	Vented Dipstick
34	711-05169	Clevis Pin
35	747-04983	Lock Rod

Ref.	Part Number	Description
36	914-0470	Cotter Pin
37	726-0214	Push Cap
38	732-0583	Compression Spring
39	781-04293	Log Tray Bracket
40	710-04484	Hex Washer Screw, 5/16-18 x .750
41	712-04065	Flange Lock Nut, 3/8-16
42	781-04179	Log Tray
43	681-04148	Frame Assembly
44	710-0521	Hex Bolt, 3/8-16 x 3
45	719-0281	Coupling Shield
46	914-0122	Square Key, 3/16" x .75
47	718-04395	Coupling, .875
48	712-04063	Flange Lock Nut, 5/16-18
49	781-0097	Rear Coupling Support Bracket
50	726-0174	Hose Clamp
51	727-0451	Hose
52	918-04729	Gear Pump
53	737-04320	45 Degree Elbow Fitting
54	727-04288	High Pressure Hydraulic Hose
55	781-04424	Tongue Assembly
56	747-1261	Latch Rod
57	781-04420	Latch
58	932-3127	Compression Spring
59	936-0119	Lock Washer, 5/16
60	711-04585	Clevis Pin
61	710-3085	Hex Cap Screw, 3/8-16 x 3.50
62	936-0185	Flat Washer, .375 x .738 x .063
63	747-04539	Hydraulic Valve Control
64	681-04030	Hitch Coupling Assembly
65	713-0433A	Chain
66	781-04002	Fender
67	911-0813	Clevis Pin
68	720-04088	Grip
69	732-0194	Spring Pin
70	781-04430	Jack Stand
71	915-0120	Spiral Pin
72	710-0650	Self-Tapping Screw, 5/16-18 x 0.875
73	781-0098A	Front Coupling Support Bracket
74	913-04036	Valve Handle Link

Continued on next page

Ref.	Part Number	Description
75	714-04040	Cotter Pin, Bow Tie
76	781-0526A	Hose Guard, 44"
77	781-0538A	Hose Guard, 48"
78	710-04683	Sems Screw, 3/8-16 x 1.00
79	781-04418	Outer Valve Bracket
80	941-0475	Plastic Bushing, .380 ID
81	718-04392	Coupling, .500
82	735-04103	Spider Bushing
83	710-1842	Set Screws
84	710-0157	Hex Cap Screw, 5/16-24 x .75

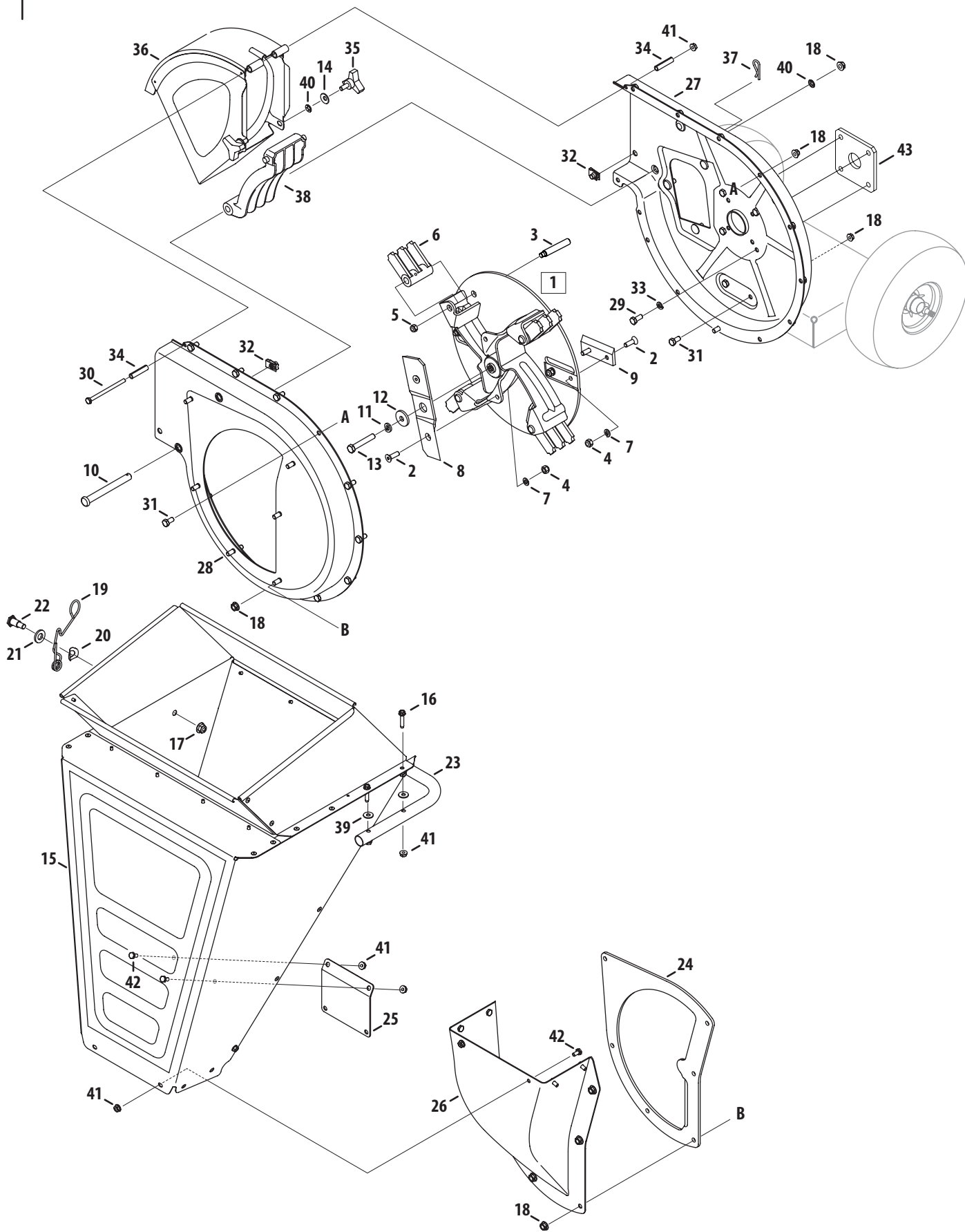
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Ref.	Part Number	Description
1	681-04086	Lower Handle Assembly
2	710-04605	Hex Screw, $\frac{5}{16}$ -18 x 1.50
3	710-0487	Carriage Screw, $\frac{5}{16}$ -18 x 2.00
4	720-04072A	Star Knob, $\frac{5}{16}$ -18
5	720-04091	Foam Grip, .970 x 25
6	781-04165	Back Plate
7	936-0451	Saddle Washer, .320 x .93 x .060
8	749-04291	Upper Handle
9	734-04278	Wheel, 8 x 3
10	734-04279	Wheel, 12 x 3, Beige
11	712-04065	Flange Lock Nut, $\frac{3}{8}$ -16
12	726-0299	Push Cap, $\frac{1}{2}$ "
13	936-0504	Wave Washer, .510 x .750 x .017
14	738-04290	Shoulder Screw, .625 x 3.94
15	781-04212	Guide Plate
16	710-04373A	Hex Screw, 12-16 x .75
17	731-05929	Blower Cover
18	631-04253	Chute Assembly
19	781-04175	Chute Plate
20	631-04213	Impeller Assembly
21	910-1254	Hex Screw, $\frac{3}{8}$ -24 x 2.25
22	936-0217	Lock Washer, $\frac{3}{8}$
23	731-05592	Blower Housing
24	681-04084A	Frame
25	710-0654A	Sems Screw, $\frac{3}{8}$ -16 x 1.000

Ref.	Part Number	Description
26	712-04063	Flange Lock Nut, $\frac{5}{16}$ -18
27	781-04181	Louver Lever
28	710-0888	Hex Bolt, $\frac{5}{16}$ -24 x 1.00
29	710-3008	Hex Bolt, $\frac{5}{16}$ -18 x .75
30	712-04035	Hex Lock Nut, #8-32
31	712-04064	Flange Lock Nut, $\frac{1}{4}$ -20
32	720-0426	Height Adjustment Knob
33	731-05644	Louver Plate
34	932-3042	Comp. Spring, .515 x .641 x .95
35	736-0242	Bell Washer, .340 x .872 x .060
36	738-04222	Shoulder Screw, .437 x .50 x $\frac{1}{4}$ -20
37	738-04223	Shoulder Screw, .18 x 4.8 x 8-32
38	781-04292	Engine Plate
39	941-0706	Flange Bearing w/ Fitting
40	750-04854	Spacer, .525 x .775 x .560
41	681-04085	Caster Wheel Bracket Assembly
42	914-0104	Cotter Pin
43	726-0214	Push Cap
44	932-0306A	Compr. Sprng., .531 OD x 1.75 Lg
45	735-0246A	End Plug
46	936-0264	Washer, Flat, .330 x .630 x .0635
47	736-0366	Washer, Flat, .640 x 1.12 x .125
48	741-0685	Flange Bearing, .631 ID
49	747-0924	Lock Pin

CS Model Series 410 & 420



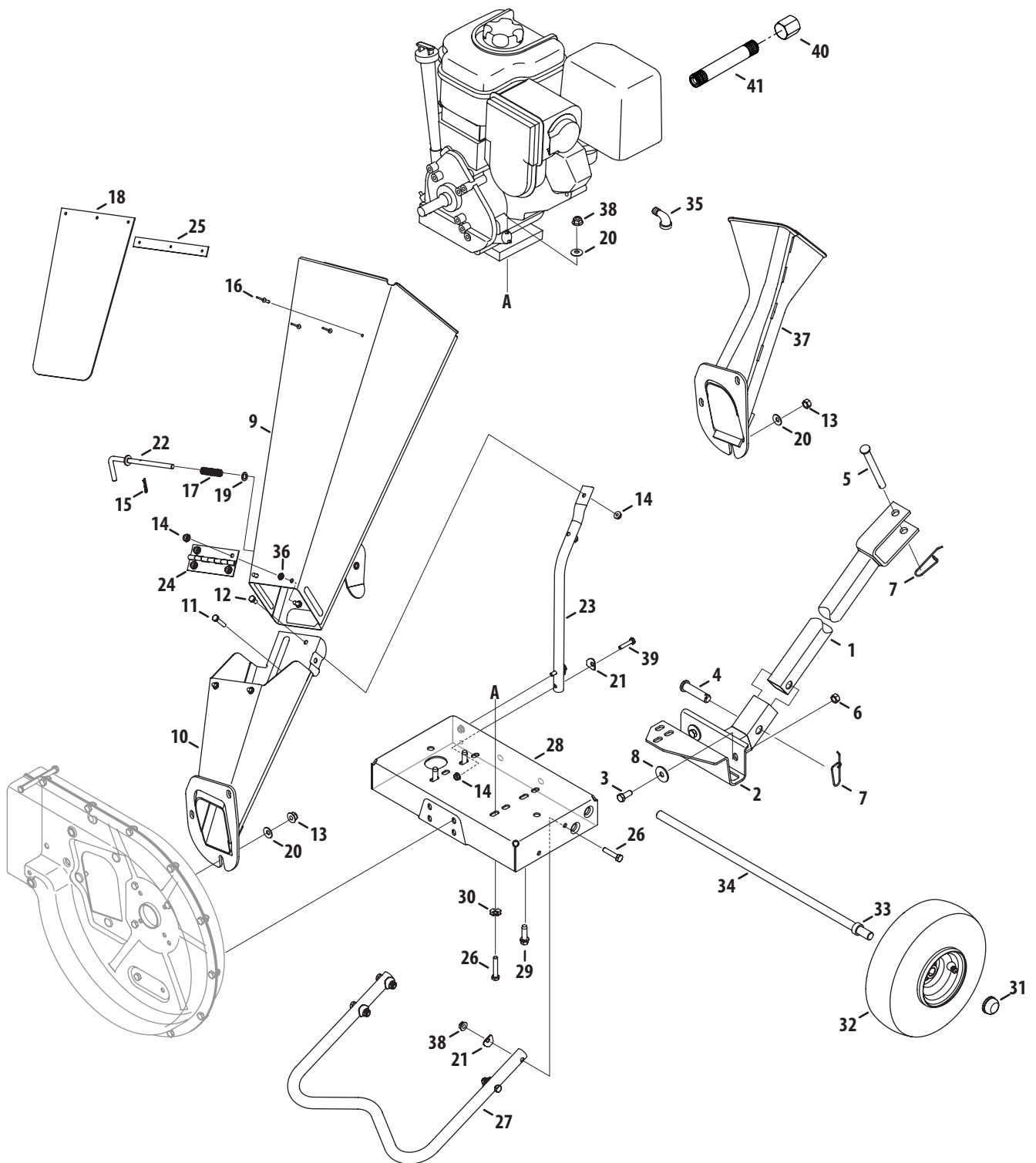
Ref No.	Part Number	Description
1	981-04094	Impeller Assembly Complete
2	710-1054	Machine Screw, 5/16-24 x 1.0
3	738-04286A	Shoulder Pin, .5 x 2.625
4	912-0411	Hex Lock Nut, 5/16-24
5	712-0266A	Nut, Jam Lock, 3/8-16
6	719-04308	Flail Blade
7	936-0119	Lock Washer, 5/16
8	942-04050	Shredder Blade
9	942-0544B	Chipper Blade
10	911-0835	Clevis Pin,.50 x 4.62
11	936-0217	Lock Washer, 3/8
12	736-0247	Flat Washer,.406 x 1.25
13	710-1254	Hex Cap Screw, 3/8-24 x 2.2
14	736-0242	Bell Washer.340 ID x.872 OD
15	681-04011	Shredder Hopper Assembly
16	710-0809	Hex Cap Screw, 1/4-20 x 1.250
17	712-04065†	Flange Lock Nut, 3/8-16
18	712-04063	Flange Lock Nut, 5/16-18
19	932-04167†	Torsion Spring
20	736-0182†	Spring Washer,.50 x 1.0 x.022
21	936-0326†	Flat Washer,.50 x 1.0 x.0125
22	738-0430†	Shoulder Screw, 3/8-16,

Ref No.	Part Number	Description
23	749-04103	Hopper Handle
24	781-04007	Shredder Plate
25	781-04027	Hopper Support Bracket
26	781-04033	Inlet Guide
27	681-04116	Inner Flail Housing Assembly
28	681-04002	Outer Flail Housing Assembly
29	710-0157†	Hex Cap Screw, 5/16-24 x .75
	710-0888††	Hex Cap Screw, 5/16-24 x 1.00
30	710-0825	Hex Cap Screw, 1/4-20 x 3.75
31	710-3025	Hex Cap Screw, 5/16-18 x .625
32	926-0211	U-Nut, 5/16-18
33	936-0119	Lock Washer, 5/16
34	950-0793	Hinge Spacer,.265 x.380 x 1.66
35	720-0170	Knob, 5/16-18
36	681-0094A	Chute Deflector Assembly
37	914-0149B	Internal Cotter Pin
38	719-04070	Shredder Screen
39	736-0173	Flat Washer, .28 x .74 x .063
40	726-0201	Speed Nut,.3125ID
41	712-04064	Nut, Flange, Lock, 1/4-20
42	710-0599	TT Screw, 1/4-20 x .5
43	781-04292††	Engine Plate

† Model Series 420

†† Model Series 410 (208 CC)

CS Model Series 410 & 420



CS Model Series 410 & 420

Ref No.	Part Number	Description
1	981-0133	Tongue Hitch Mount
2	681-0134A	Base Hitch Mount
3	710-3001	Hex Cap Screw, 3/8-16 x.88
4	711-0299	Clevis Pin,.625 x 2.4
5	911-0835	Clevis Pin,.50 x 4.62
6	712-04065	Flange Lock Nut, 3/8-16
7	732-0194	Spring Pin
8	936-0133	Flat Washer,.411 x 1.25 x 1.0
9	681-04006†	Upper Chipper Chute Assembly
10	681-04117†	Lower Chipper Chute Assembly
11	710-0106†	Hex Cap Screw, 1/4-20 x 1.25
12	710-3013†	Screw, 1/4-20 x .50
13	912-3010	Hex Nut, 5/16-18
14	712-04064†	Flange Lock Nut 1/4-20
15	914-0104†	Cotter Pin
16	728-0175†	Pop Rivet
17	932-0306A†	Compression Spring,.531 x 1.75
18	735-0249A†	Chute Flap
19	936-0140†	Flat Washer
20	736-0242	Bell Washer.340 ID x.872 OD
21	936-0451	Washer,.320 ID x.93 OD
22	947-04163†	Lock Rod

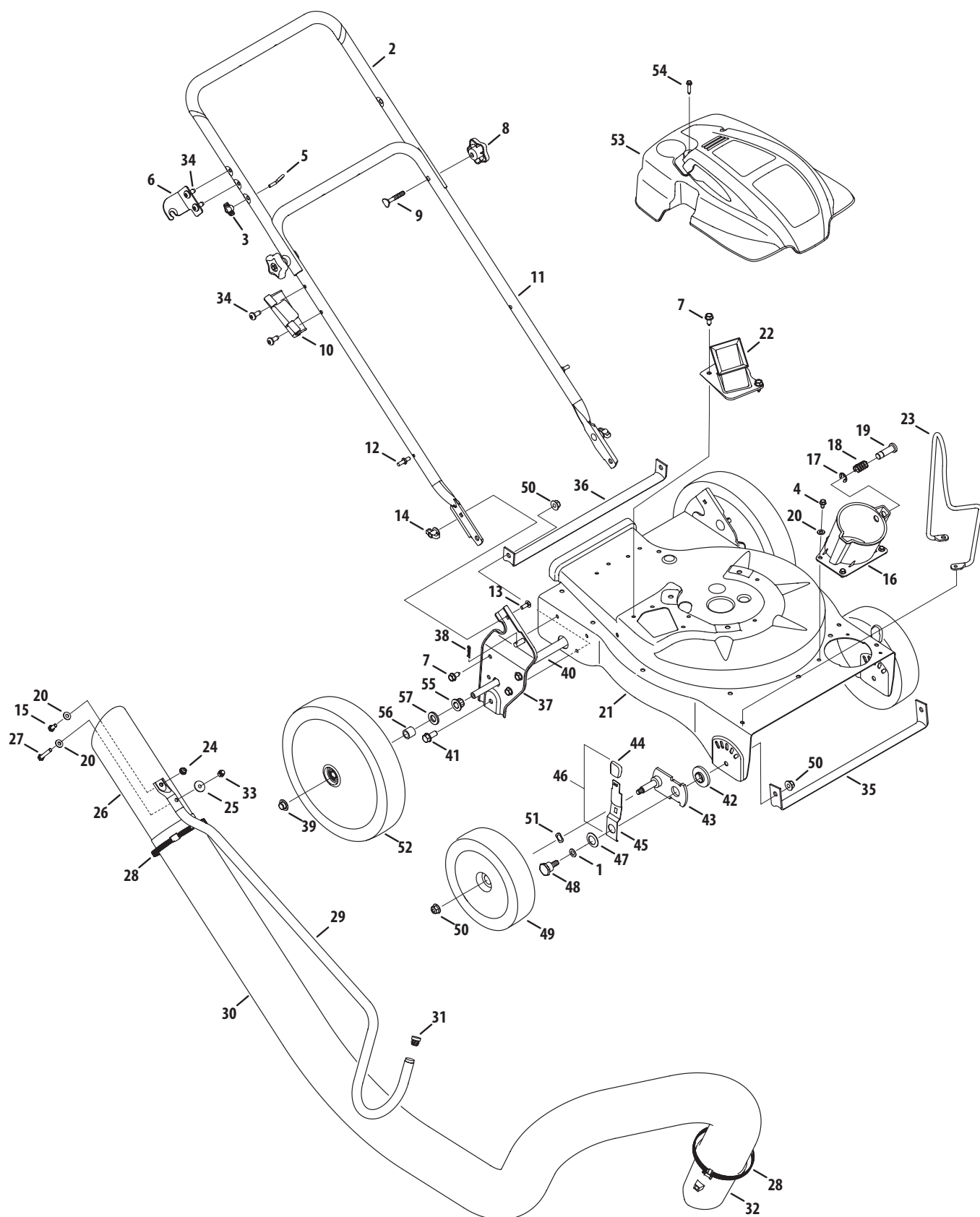
Ref No.	Part Number	Description
23	749-1004†	Chipper Chute Support
24	981-04032†	Chipper Chute Hinge
25	781-0633†	Chute Flap Strip
26	710-0805	Hex Cap Screw, 5/16-18 x 1.50
27	749-04104	Tube Support
28	681-0184C††	Frame Assembly
	681-0183B†	Frame Assembly
29	710-0502A	Hex Sems Screw, 3/8-16 x 1.25
30	936-0170	Special Lock Washer, 5/16
31	726-0214	Push Cap, 5/8
32	634-04627	Wheel, 10 x 4 x 4
33	950-0786	Spacer, .64 x .88 x .38
34	738-0813	Axle, 22.47"
35	937-0195	Elbow Fitting
36	726-0233†	Push Nut,.25ID x.50OD
37	681-04118††	Chipper Chute
38	712-04063	Flange Lock Nut, 5/16-18
39	710-0809†	Hex Cap Screw, 1/4-20 x 1.250
40	737-0132	End Cap, 1/4 NPT
41	737-0298	Pipe, 1/4 NPT x 3.5 LG
—	964-04023*	Debris Collection Bag
—	723-0400*	Safety Glasses

† Model Series 420

†† Model Series 410

* Not Shown

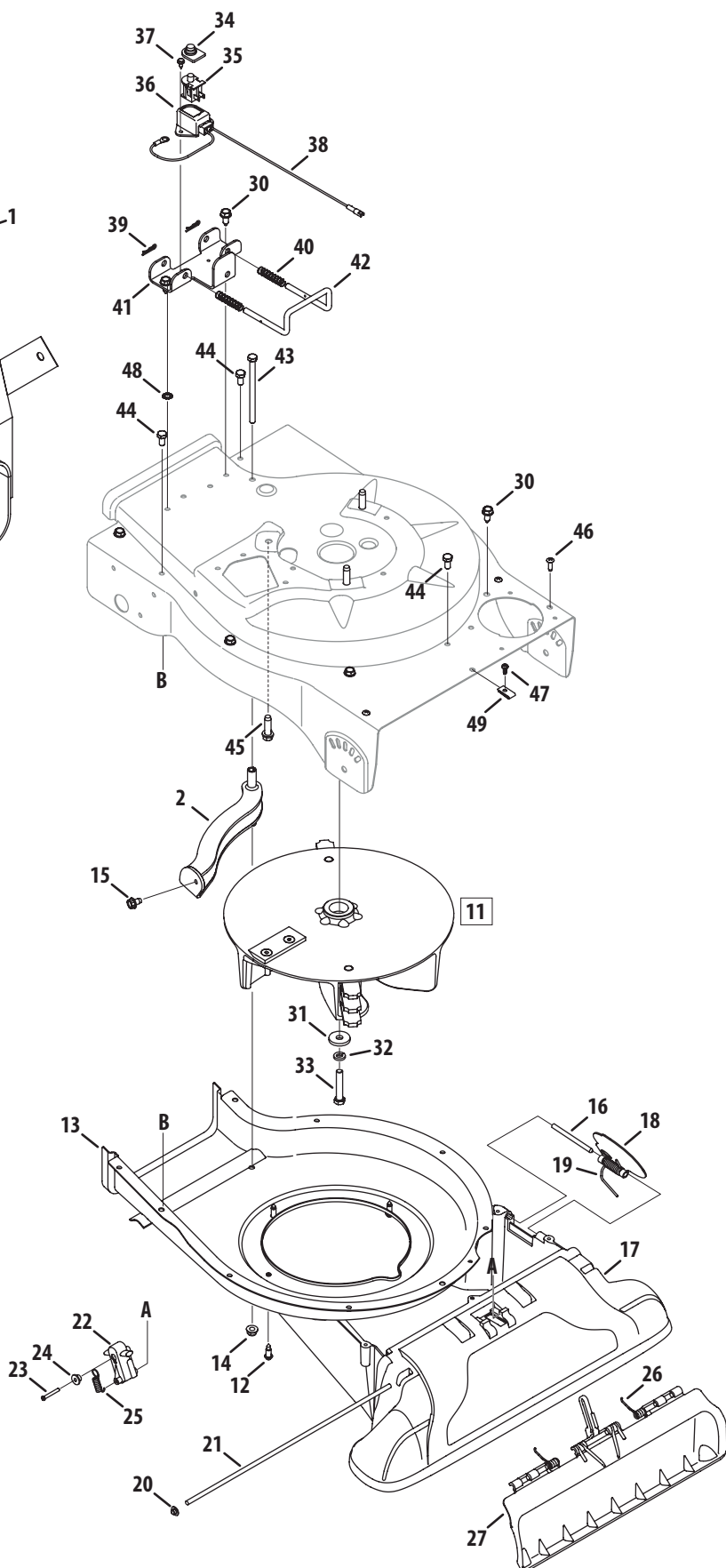
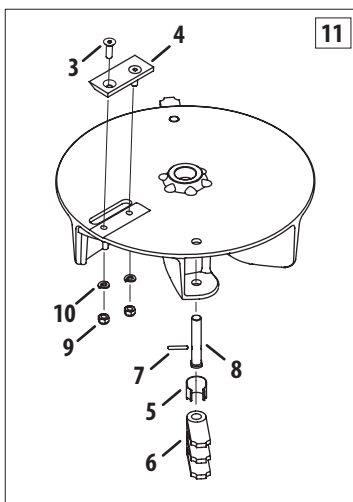
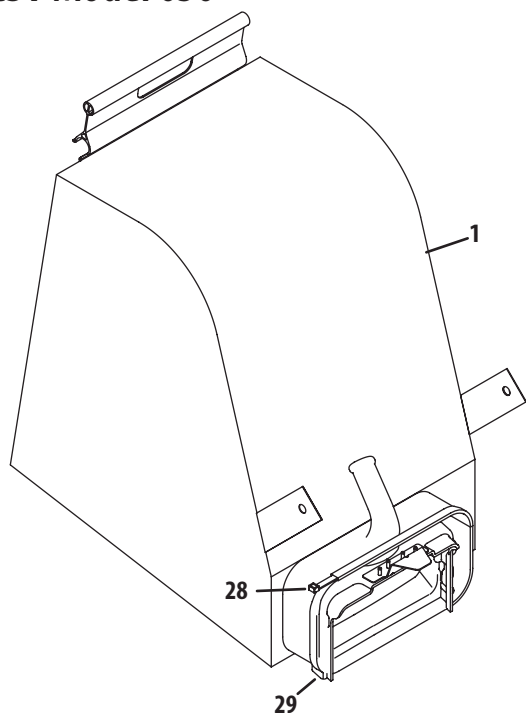
CSV Model 050



Ref No.	Part Number	Description
1	936-0314	Thrust Washer.375 ID x.70 OD
2	749-04172	Upper Handle
3	720-0279	Knob
4	710-0599	Screw, 1/4-20 x.500
5	710-1205	Eye Bolt
6	781-1056	Upper Handle Bracket
7	710-0726	Hex Cap Screw 5/16-12 x.750
8	720-04072A	Star Knob
9	710-1174	Carriage Bolt
10	731-04911	Nozzle Handle Clip
11	749-04165	Lower Handle
12	711-1293	Studs
13	710-0703	Carriage Screw 1/4-20 x.75
14	912-0397	Wing Nut 1/4-20
15	710-0751	Hex Cap Screw 1/4-20 x.620
16	681-0195	Hose Base Adapter Assembly (Incl. Ref.# 17-19)
17	916-0104	E Ring.500 Dia
18	932-3035	Compression Spring
19	711-1571	Clevis Pin
20	936-3020	Flat Washer.271 ID x.630 OD
21	781-04223	Upper Flail Housing
22	681-04088	Chipper Chute Assembly
23	747-04985	Hose Cradle
24	712-04064	Flange Lock Nut, 1/4-20
25	748-0457	Spacer
26	731-2478	Hose Nozzle
27	710-3288	Hex Cap Screw 1/4-20 x 2.625
28	723-0295	Adjustment Clamp
29	749-1270A	Nozzle Handle

Ref No.	Part Number	Description
30	764-0648A	Vacuum Hose
31	720-0369	Handle Plug
32	731-06469	Hose Adapter
33	912-0442	Cap Lock Nut, 1/4-20
34	710-1611B	TT Screw, 5/16-18 x .750
35	781-04082	Front Wheel Support Brace
36	781-04081	Rear Wheel Support Brace
37	981-0156A	Handle Bracket Ass'y RH
	981-0155A	Handle Brkt Ass'y LH
38	914-0104	Cotter Pin
39	726-0299	Push Cap
40	711-04908	Axle
41	710-04482	HHflg, 3/8-16 x .875
42	741-04242	Height Adjustment Bearing
43	687-02342	Pivot Arm Assembly
44	720-0426	Height Adjustment Knob
45	732-1026	Spring Lever
46	987-02051	Height Lever Assembly (Incl. Ref.# 44-45)
47	736-0741	Bell Washer.760 ID x.25 OD
48	738-1172	Shoulder Screw,.750 x.500
49	634-04347	Front Wheel
50	712-04065	Flange Lock Nut, 3/8-16
51	936-0232	Washer, Wave, .531 x .781 x .013
52	634-04367	Rear Wheel
53	931-04232B	Engine Shroud
54	710-04744	Screw, #12-16 x 1.00
55	741-04108	Brg. Flg, Hex
56	748-0190	Spacer
57	936-0369	Washer, Flat, .508ID x 1.00 OD

CSV Model 050



Ref No.	Part Number	Description
1	664-04040	Bag Assembly (incl. Ref 28)
2	681-0154	Screen Assembly
3	710-1054	Hex Screw 5/16-24 x 1.0
4	981-0490	Chipper Blade
5	781-0735	Pin Clip
6	719-0329	Flail
7	715-0166	Spiral Pin
8	711-1401	Clevis Pin
9	912-0411	Lock Nut, 5/16-24
10	936-0119	Lock Washer, 5/16
11	981-0152	Impeller Assembly (Incl. Ref.# 3 – 10)
12	710-1650	Shoulder Screw, #12-24 x.30 x.46
13	781-0721B	Lower Flail Housing
14	712-04063	Flange Lock Nut 5/16-18
15	710-0607	Screw, 5/16-18 x.500
16	747-04297	Hinge Pin
17	981-04031	Nozzle
18	781-1064	Base Adapter Door
19	732-1156	Torsion Spring
20	926-0106	Cap Speed Nut 1/4
21	711-1551	Pivot Rod
22	731-2485A	Nozzle Door Lever
23	710-1256	Hex Screw, #8-18 x 1.25
24	750-1294	Shoulder Spacer
25	732-3118	Extension Spring

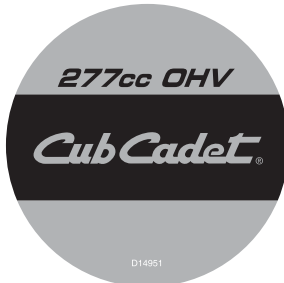
Ref No.	Part Number	Description
26	732-1151A	Nozzle Door Torsion Spring
27	731-2294A	Nozzle Door
28	726-0288	Tie Strap, 42"
29	631-0083	Chute Assembly
30	710-0726	Hex Index Screw, 5/16-12 x.750
31	736-0247	Flat Washer.375 ID x 1.25 OD
32	936-0217	Lock Washer 3/8
33	710-0818	Hex Cap Screw 3/8-24 x 2.0
34	925-1700	Switch Cover
35	925-3166	Safety Switch
36	931-1613	Safety Switch Cover
37	910-0224	Hex Washer Screw #10-16 x.50
38	629-0920A	Wire Harness
39	914-0104	Cotter Pin
40	732-0962	Compression Spring
41	781-0778A	Mounting Bracket
42	747-1153	Lock Rod
43	710-3195	Hex Cap Screw 5/16-18 x 4.5
44	710-3025	Hex Cap Screw 5/16-18 x.625
45	710-0654A	Hex Washer Screw 3/8-16 x 1.00
46	710-1220	Screw, #12-16 x.750
47	710-0351	Screw #10 - 16 x.500
48	736-0607	External L-Washer 5/16
49	726-0139	Speed Nut
—	723-0400	Safety Glasses (Not Shown)

LS 27 CC Labels

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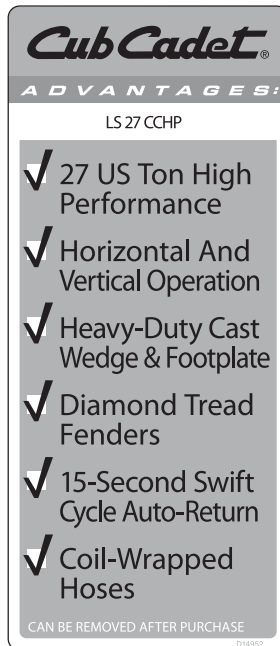
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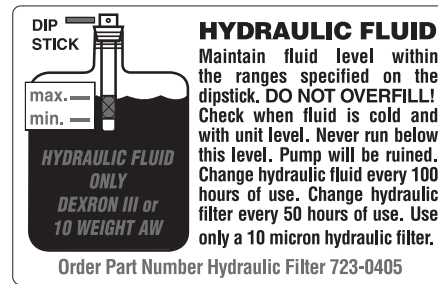
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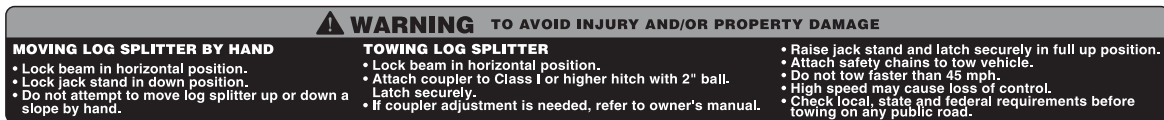
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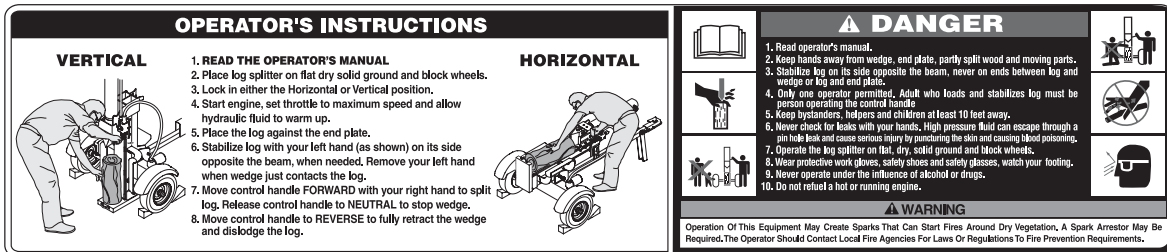
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777S33680



777D14955



777D14953



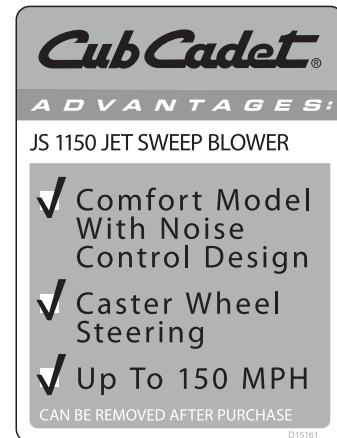
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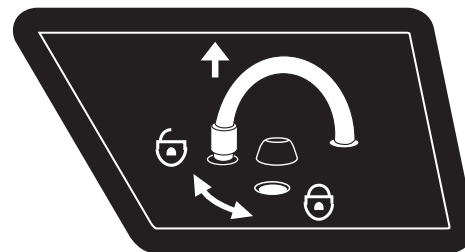
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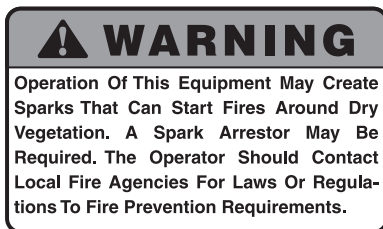
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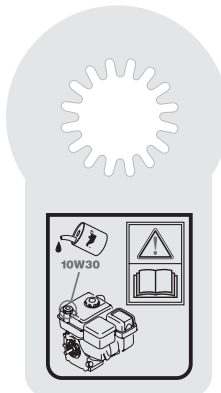
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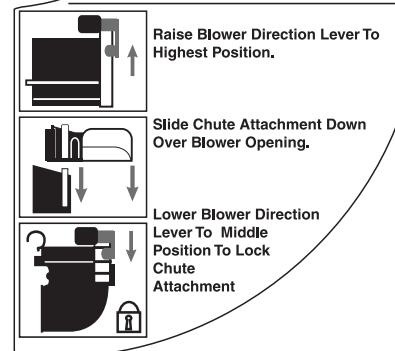
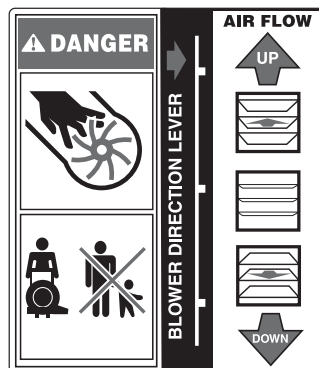
777S32905



777X43953



777S32904

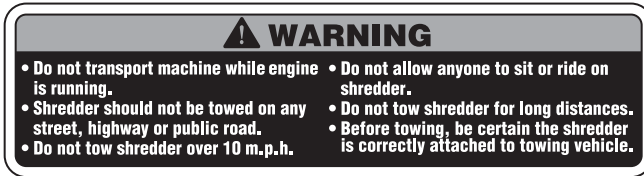


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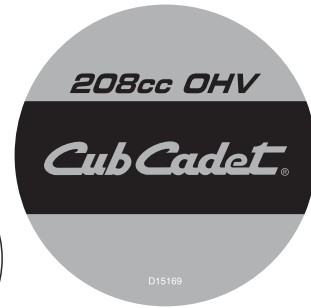


CS Model Series 410 Labels

777S33673



777D15169



777D15167



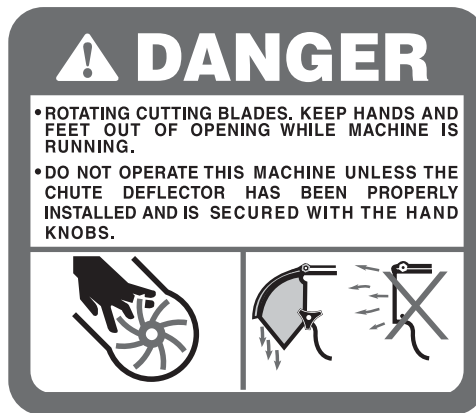
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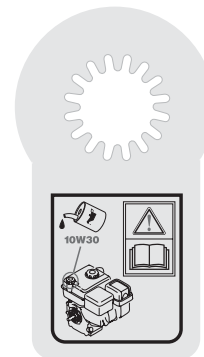
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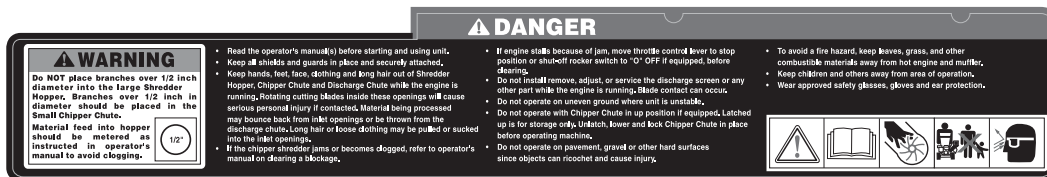
777S33113



777X43953



777S32604



777S33676



777S33671



777D15164



777S30181

DANGER

ROTATING CUTTING BLADES. KEEP HANDS AND FEET OUT OF OPENINGS WHILE MACHINE IS RUNNING.

S30181 AC

777S33673

WARNING

- Do not transport machine while engine is running.
- Shredder should not be towed on any street, highway or public road.
- Do not tow shredder over 10 m.p.h.
- Do not allow anyone to sit or ride on shredder.
- Do not tow shredder for long distances.
- Before towing, be certain the shredder is correctly attached to towing vehicle.

777S33671

DANGER

DO NOT OPERATE THIS MACHINE UNLESS THE CHUTE DEFLECTOR HAS BEEN PROPERLY INSTALLED.

777S33113

DANGER

- ROTATING CUTTING BLADES. KEEP HANDS AND FEET OUT OF OPENING WHILE MACHINE IS RUNNING.
- DO NOT OPERATE THIS MACHINE UNLESS THE CHUTE DEFLECTOR HAS BEEN PROPERLY INSTALLED AND IS SECURED WITH THE HAND KNOBS.

777S33672

DANGER

ROTATING CUTTING BLADES. KEEP HANDS AND FEET OUT OF OPENINGS WHILE MACHINE IS RUNNING.

HINGED UPPER CHIPPER CHUTE:

STORAGE - To save space, Chute may be un-locked and latched in the raised position.

OPERATION - Chute must be in the lowered and locked position. Refer to operator's manual for proper use of the Chipper.

Storage only

Operating position

777S32604

DANGER

WARNING

Do NOT place branches over 1/2 inch diameter into the large Shredder Hopper. Branches over 1/2 inch in diameter should be placed in the Small Chipper Chute. Material feed into hopper should be metered as instructed in operator's manual to avoid clogging.

- Read the operator's manual(s) before starting and using unit.
- Keep all shields and guards in place and securely attached.
- Keep hands, feet, face, clothing and long hair out of Shredder Hopper, Chipper Chute and Discharge Chute while the engine is running. Rotating cutting blades inside these openings will cause serious personal injury if contacted. Material being processed may bounce back from inlet openings or be thrown from the discharge chute. Long hair or loose clothing may be pulled or sucked into the inlet openings.
- If the chipper shredder jams or becomes clogged, refer to operator's manual on clearing a blockage.
- If engine stalls because of jam, move throttle control lever to stop position or shut-off rocker switch to "O" OFF if equipped, before clearing.
- Do not install, remove, adjust, or service the discharge screen or any other part while the engine is running. Blade contact can occur.
- Do not operate on uneven ground where unit is unstable.
- Do not operate with Chipper Chute in up position if equipped. Latched up is for storage only. Unlatch, lower and lock Chipper Chute in place before operating machine.
- Do not operate on pavement, gravel or other hard surfaces since objects can ricochet and cause injury.
- To avoid a fire hazard, keep leaves, grass, and other combustible materials away from hot engine and muffler.
- Keep children and others away from area of operation.
- Wear approved safety glasses, gloves and ear protection.

777S33676

TO START

- 1 Check Oil
- 2 Check Gas
- 3 Choke
- 4 Throttle to Fast (Rabbit)
- 5 Pull Starter Rope 1-3 Times
- 6 Turn Off Choke

WARNING

Operation Of This Equipment May Create Sparks That Can Start Fires Around Dry Vegetation. A Spark Arrestor May Be Required. The Operator Should Contact Local Fire Agencies For Laws Or Regulations To Fire Prevention Requirements.

777X43688

DO NOT USE E85 OR FUEL CONTAINING MORE THAN 10% ETHANOL

TO AVOID ENGINE DAMAGE

777D15159

Cub Cadet

ADVANTAGES:

CS 3210 CHIPPER SHREDDER

- ✓ Large 3" Chipping
- ✓ 2 Hardened-Chromium Steel Blades
- ✓ 10:1 Reduction
- ✓ 5-Bushel Collection Bag

CAN BE REMOVED AFTER PURCHASE

D15159

777D15163

Cub Cadet

CS 3210 CHIPPER SHREDDER

DROP IN HOPPER for Leaves and Brush do NOT place branches over 1/2 inch diameter into hopper.

D15163

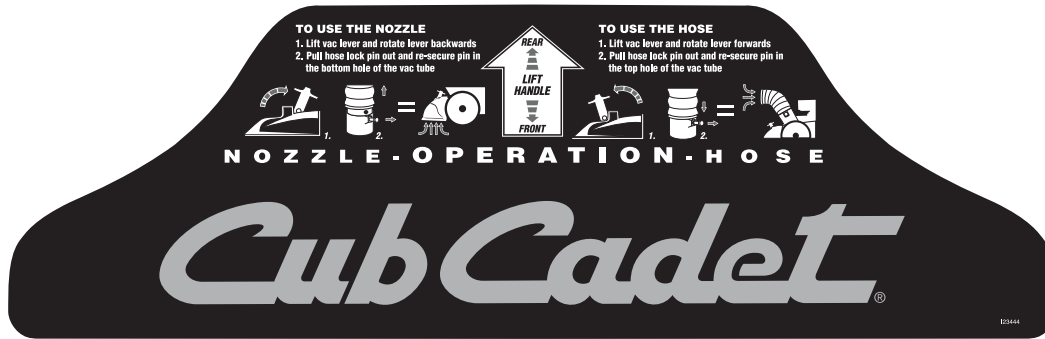
CHIPPER CHUTE for Branches larger than 1/2 inch diameter.

3" 7.62cm

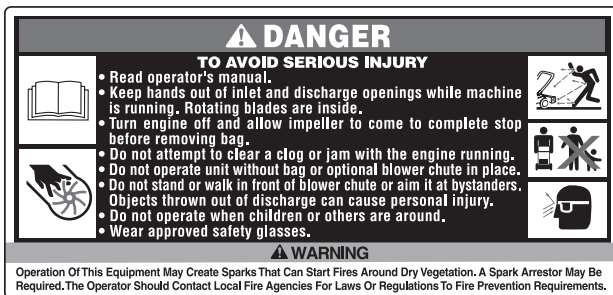
3" Maximum Diameter

CSV Model 050 Labels

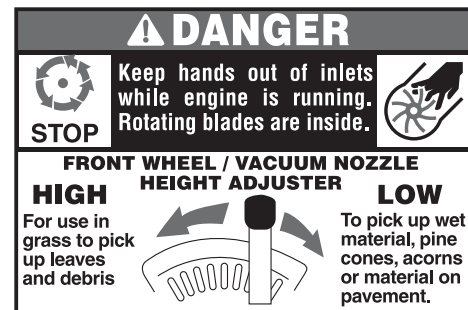
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777S33694



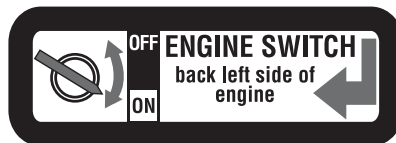
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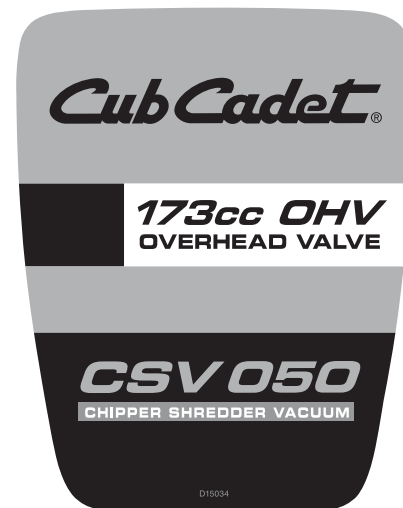
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777I23042



777D15034



777X44535



777X43688

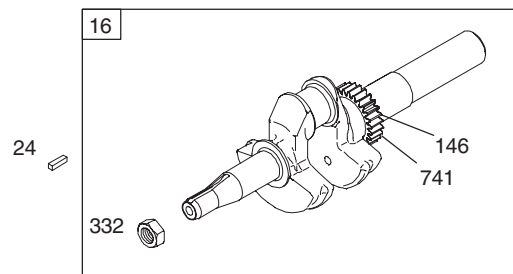
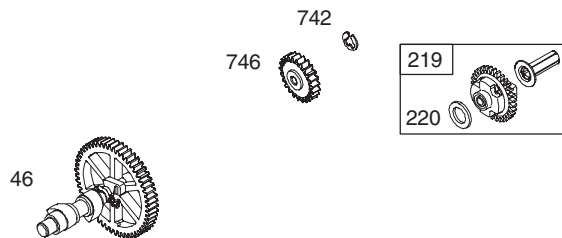
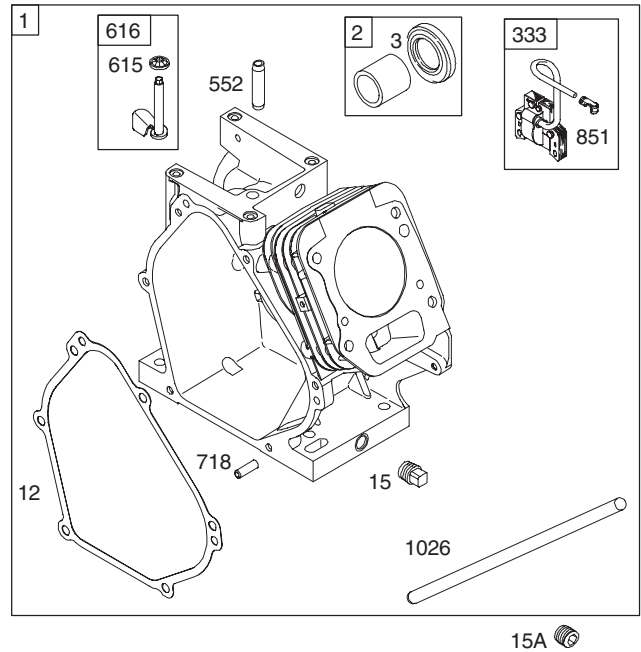
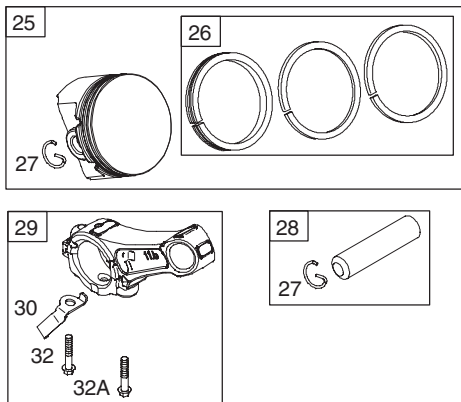
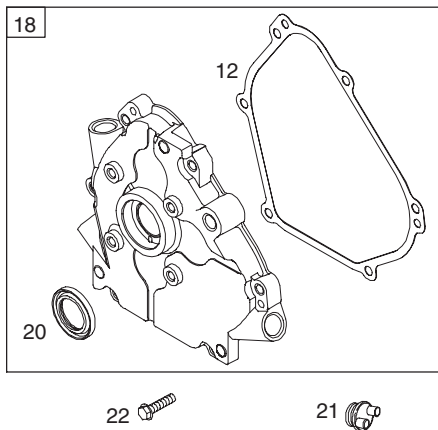
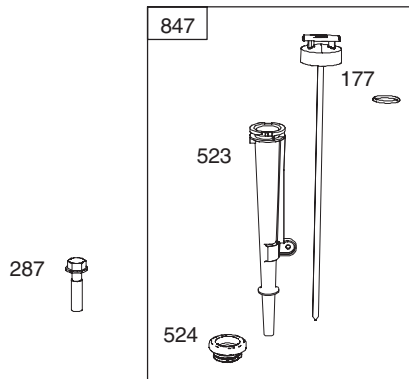
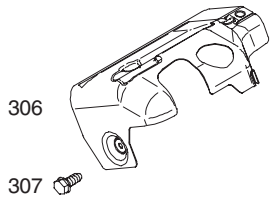


48 SHORT BLOCK

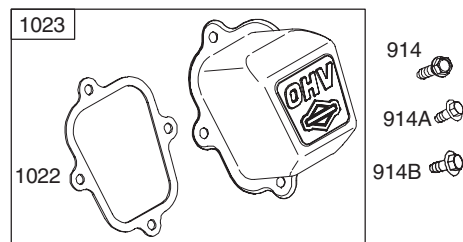
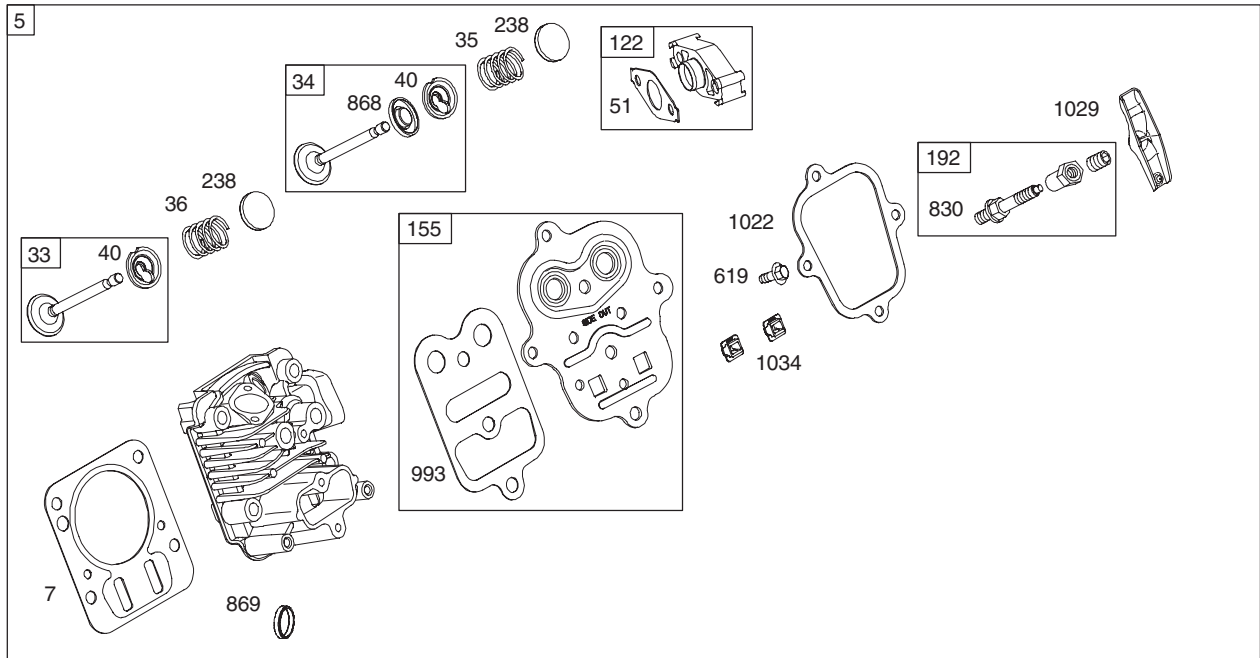
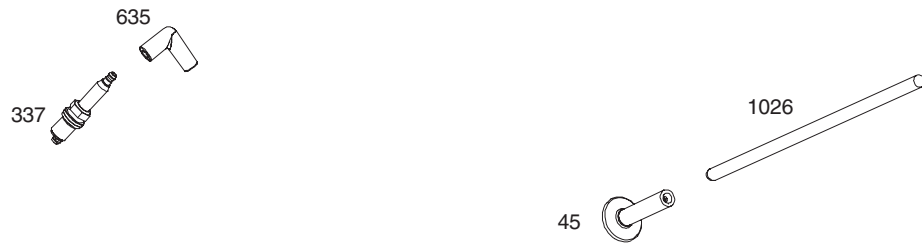
1058 OPERATOR'S MANUAL

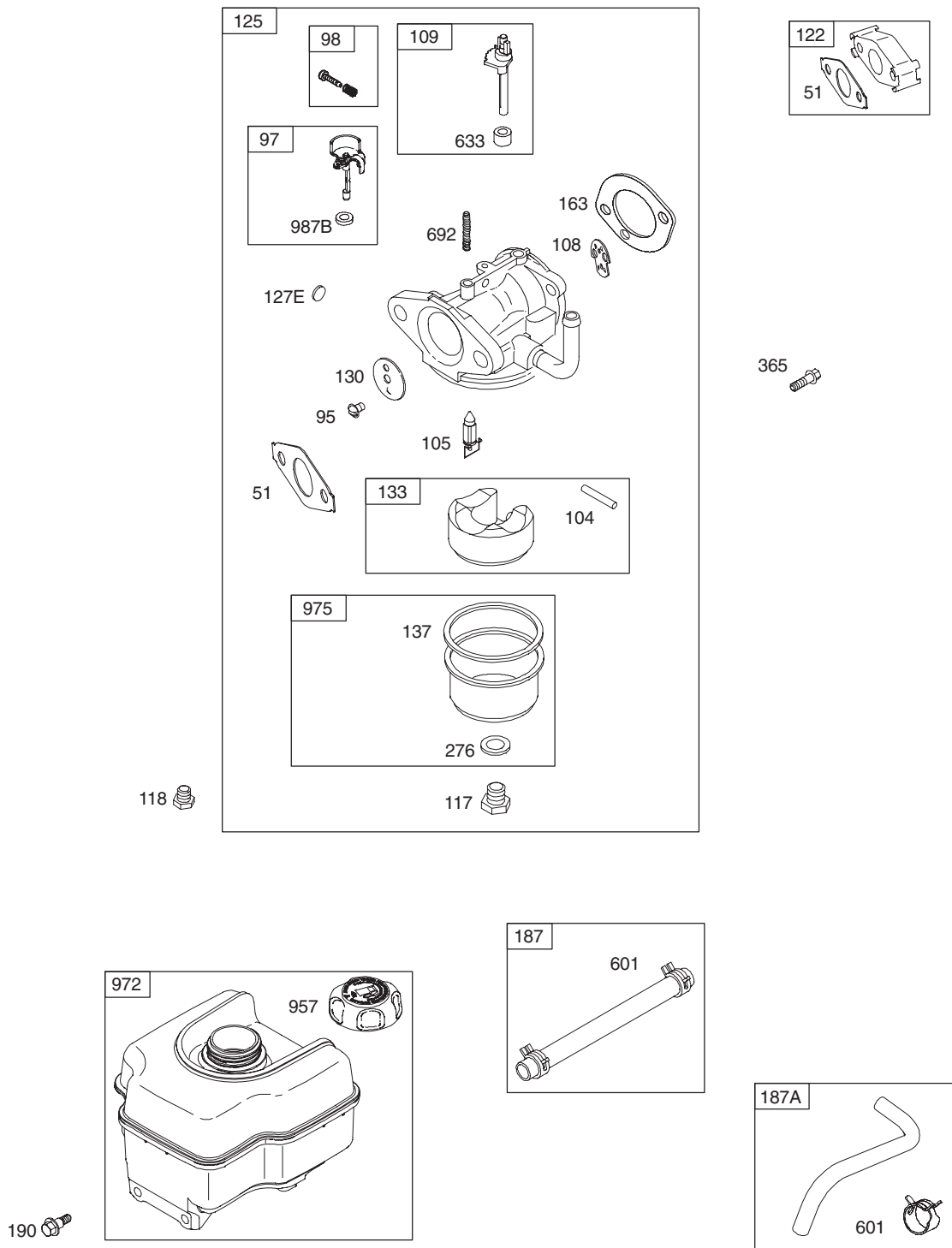
1329 REPLACEMENT ENGINE

1330 REPAIR MANUAL

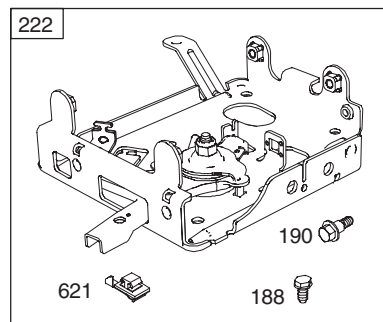
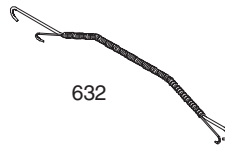
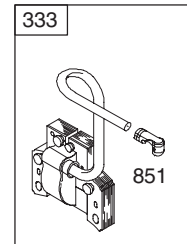
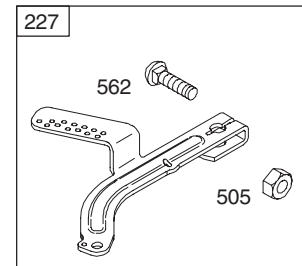
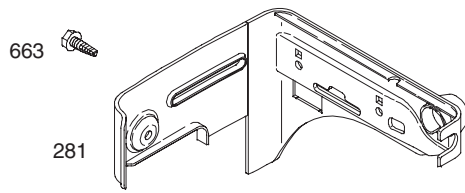


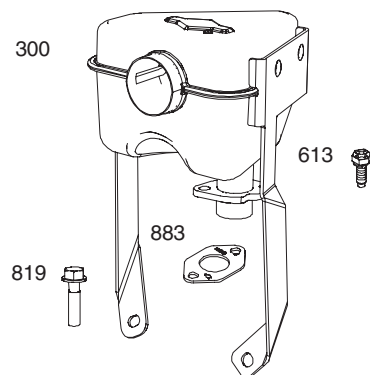
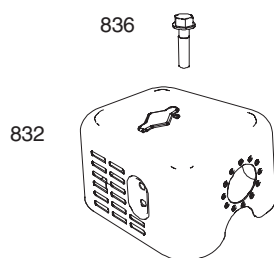
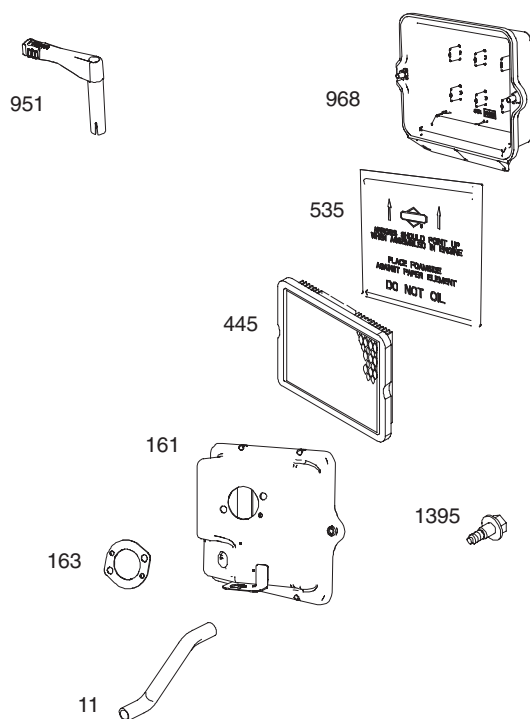
Briggs & Stratton 121012-0739-B8



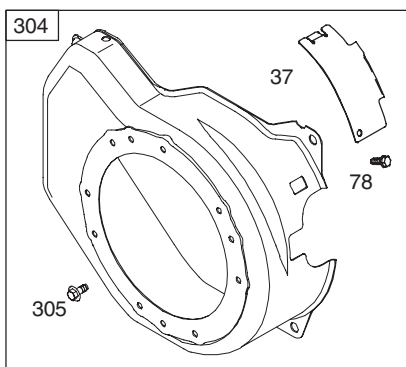
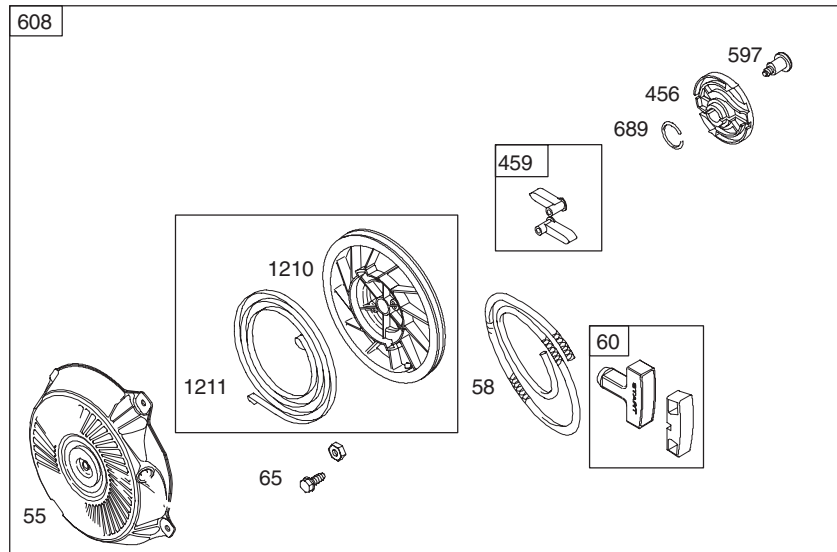
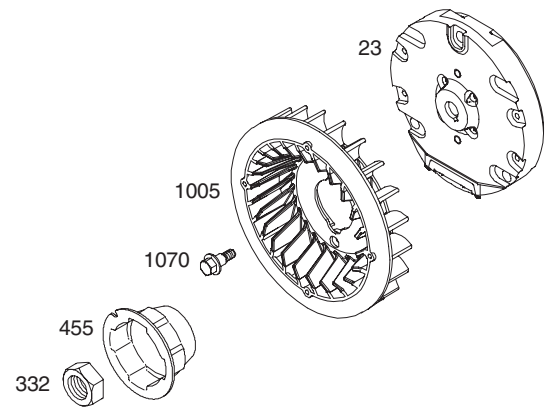


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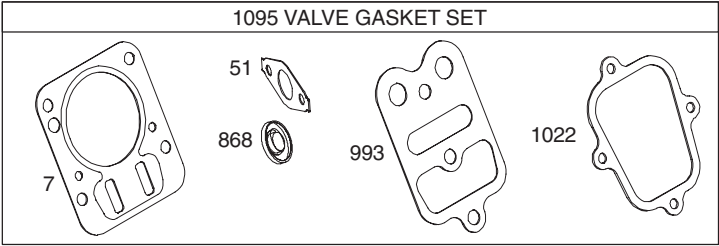
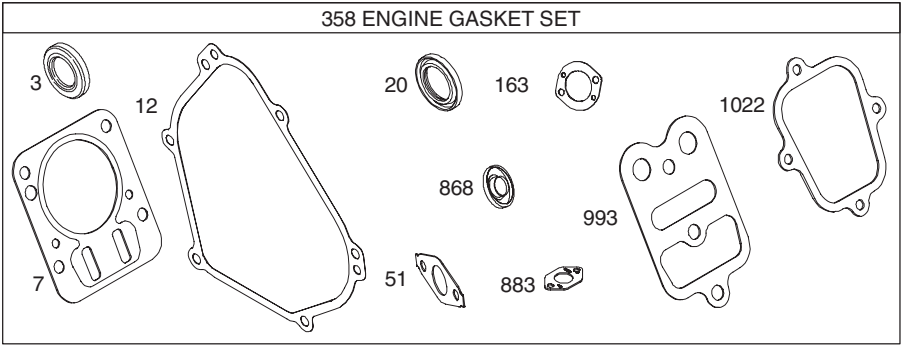
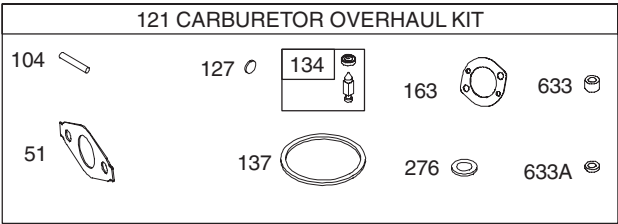




Briggs & Stratton 121012-0739-B8



1036 EMISSIONS LABEL

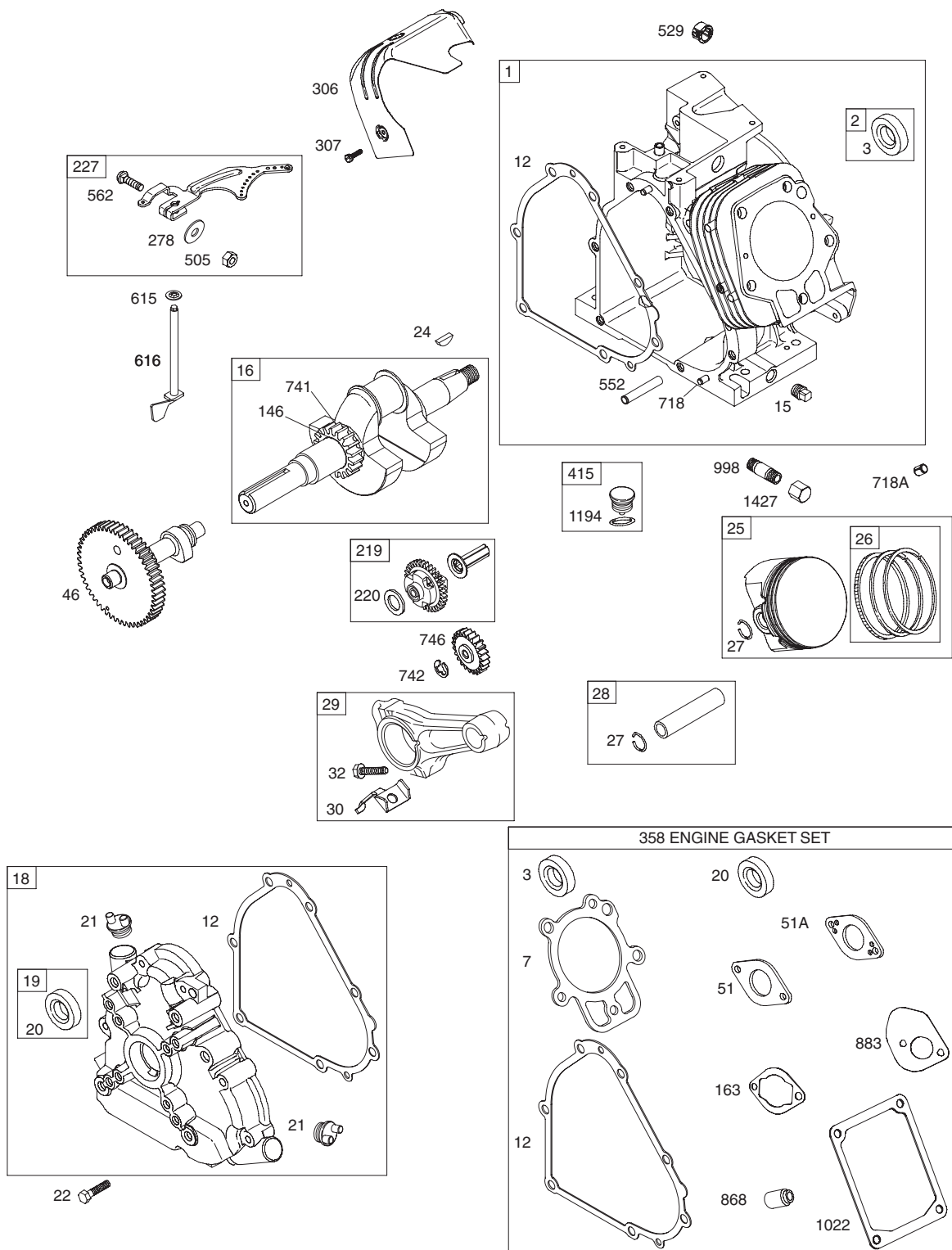


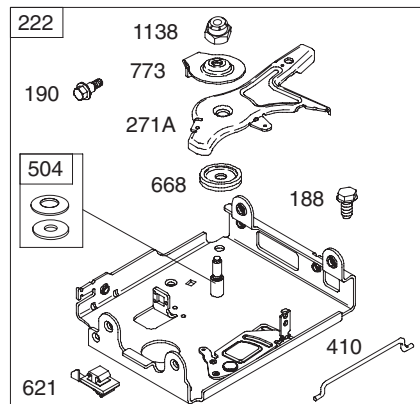
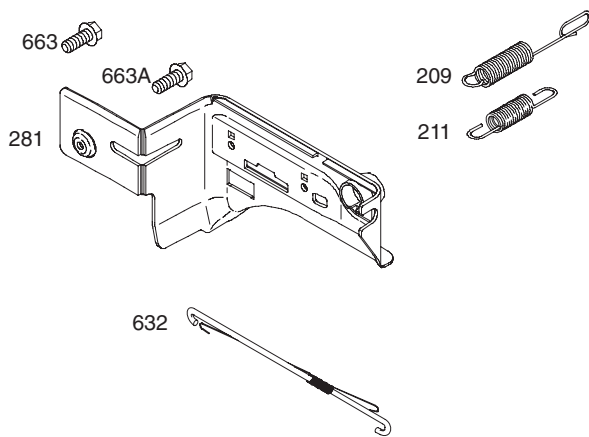
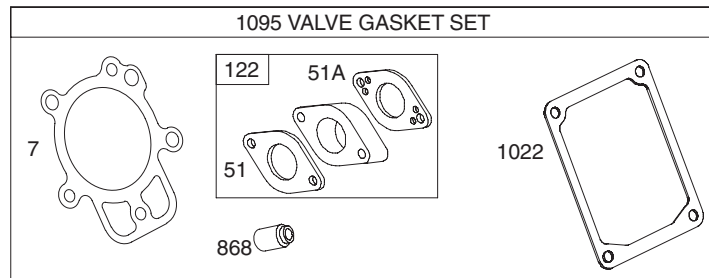
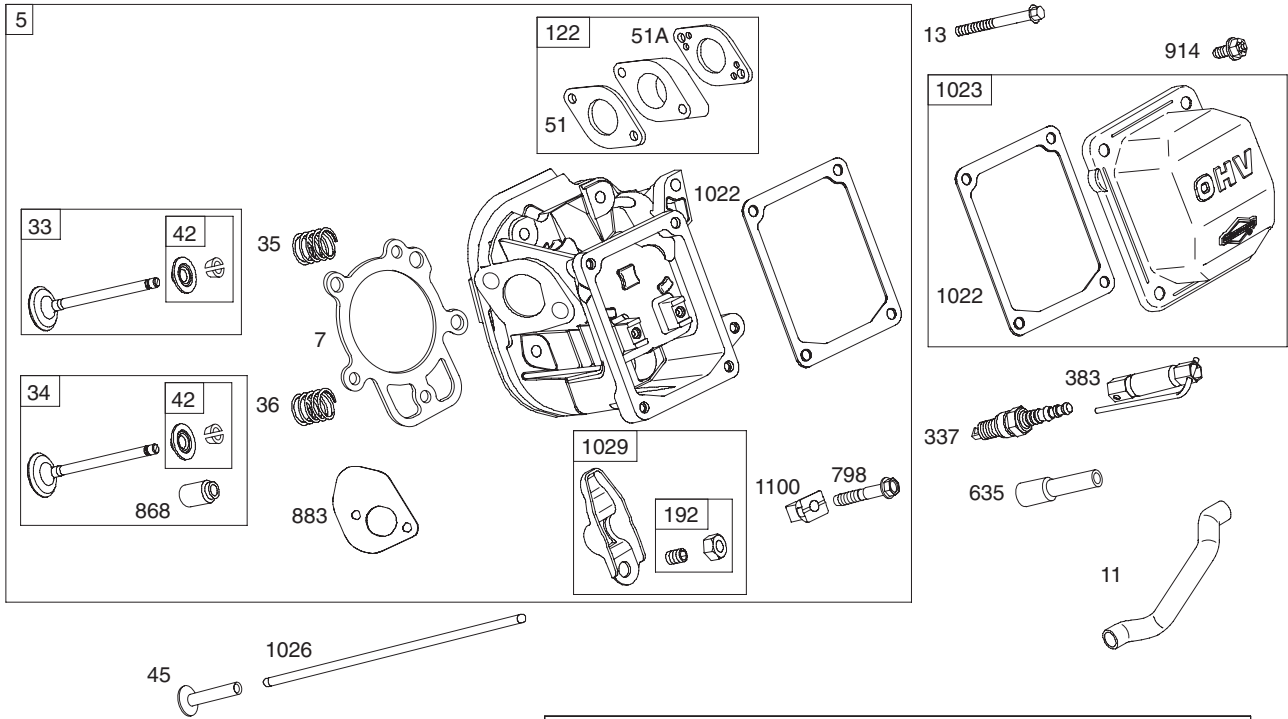
Briggs & Stratton 121012-0739-B8

Ref.	Part Number	Description	Ref.	Part Number	Description
1	BS-699510	Cylinder Assembly	60	BS-490652	Grip-Starter Rope
2	BS-399269	Kit-Bushing/Seal (Magneto Side)	65	BS-699228	Screw (Rewind Starter)
3	BS-299819s	Seal-Oil (Magneto Side)	95	BS-691636	Screw (Throttle Valve)
5	BS-797439	Head-Cylinder	97	BS-797628	Shaft-Throttle
7	BS-698210	Gasket-Cylinder Head	98	BS-797156	Kit-Idle Speed
11	BS-790632	Tube-Breather	104	BS-797622	Pin-Float Hinge
12	BS-699485	Gasket-Crankcase	105	BS-797139	Valve-Float Needle
13	BS-699482	Screw (Cylinder Head)	108	BS-692567	Valve-Choke
15	BS-691686	Plug-Oil Drain	109	BS-790624	Shaft-Choke
15A	BS-691682	Plug-Oil Drain	117	BS-798652	Jet-Main (Standard)
16	BS-797076	Crankshaft	118	BS-798651	Jet-Main (High Altitude)
18	BS-699804	Cover-Crankcase	121	BS-792006	Kit-Carburetor Overhaul
20	BS-692550	Seal-Oil (PTO Side)	122	BS-795643	Spacer-Carburetor
21	BS-281658s	Cap-Oil Fill	125	BS-798650	Carburetor
22	BS-699478	Screw (Crankcase Cover/Sump)	127	BS-797633	Plug-Welch
23	BS-699488	Flywheel	130	BS-797630	Valve-Throttle
24	BS-222698s	Key-Flywheel	133	BS-797136	Float-Carburetor
25	BS-795429	Piston Assembly (Standard)	137	BS-797625	Gasket-Float Bowl
	BS-795430	Piston Assembly (.020" Oversize)	146	BS-690979	Key-Timing
26	BS-791969	Ring Set (Standard)	155	BS-797442	Plate-Cylinder Head
	BS-793001	Ring Set (.020" Oversize)	161	BS-790631	Base-Air Cleaner
27	BS-691866	Lock-Piston Pin	163	BS-696024	Gasket-Air Cleaner
28	BS-499423	Pin-Piston	186	BS-692317	Hose-Connector
29	BS-690124	Rod-Connecting	187	751-10349-16	Line-Fuel (Cut to Required Length)
30	BS-791584	Dipper-Connecting Rod	187A	BS-791874	Line-Fuel (Formed)
32	BS-691664	Screw (Connecting Rod) (Short)	188	BS-699479	Screw (Control Bracket)
32A	BS-695759	Screw (Connecting Rod) (Long)	190	BS-699220	Screw (Fuel Tank)
33	BS-499642	Valve-Exhaust	192	BS-797440	Adjuster-Rocker Arm
34	BS-795443	Valve-Intake	209	BS-691278	Spring-Governor (Platinum)
35	BS-691304	Spring-Valve (Intake)	209	BS-692571	Spring-Governor (# 5 Hole)
36	BS-691304	Spring-Valve (Exhaust)	219	BS-693578	Gear-Governor
37	BS-699661	Guard-Flywheel	220	BS-691724	Washer (Governor Gear)
40	BS-692194	Retainer-Valve	222	BS-793107	Bracket-Control
45	BS-690977	Tappet-Valve	227	BS-794367	Lever-Governor Control
46	BS-693404	Camshaft	238	BS-691300	Cap-Valve
48	BS-699581	Short Block	276	BS-797632	Washer-Sealing
51	BS-692555	Gasket-Intake	281	BS-793122	Panel-Control
55	BS-791848	Housing-Rewind Starter	287	BS-699629	Screw (Dipstick Tube)
58	BS-693389	Rope-Starter	300	BS-791595	Muffler

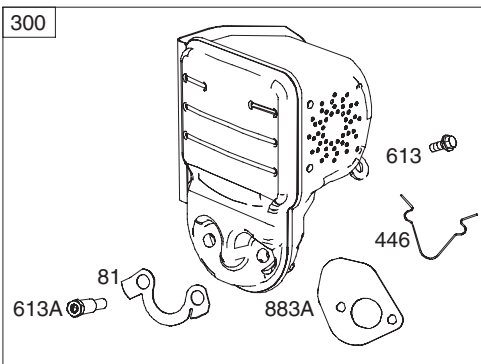
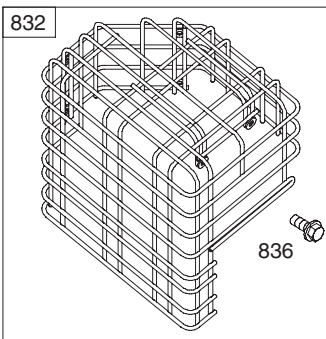
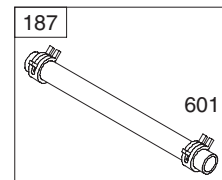
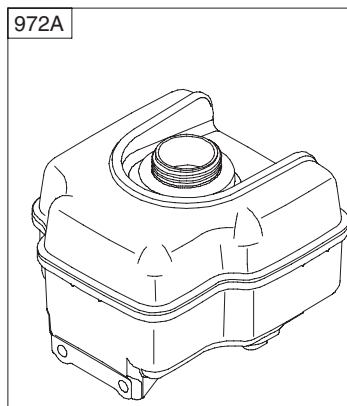
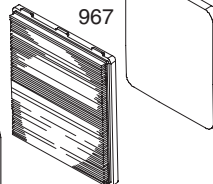
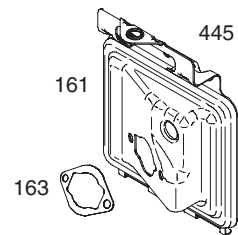
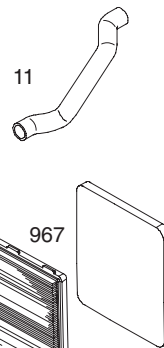
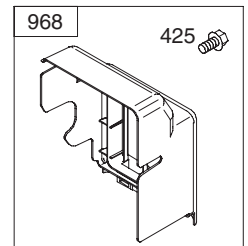
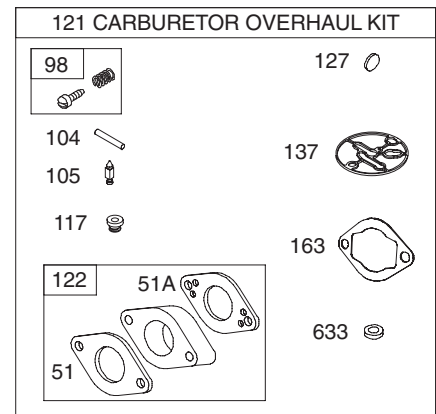
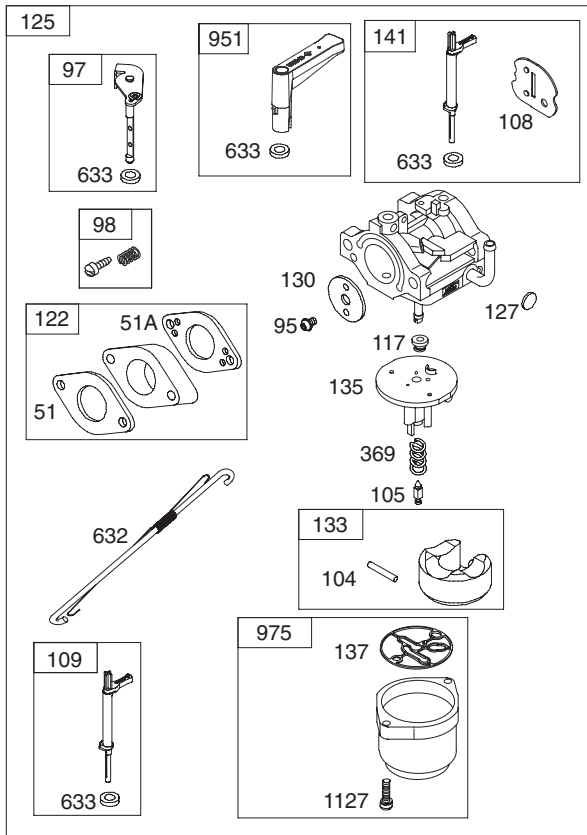
Ref.	Part Number	Description
304	BS-699598	Housing-Blower
305	BS-699480	Screw (Blower Housing)
306	BS-795334	Shield-Cylinder
307	BS-699483	Screw (Cylinder Shield)
332	BS-792723	Nut (Flywheel)
333	BS-796964	Armature-Magneto
334	BS-699477	Screw (Magneto Armature)
337	759-3336	Plug-Spark
356	BS-695814	Wire-Stop
358	BS-791797	Gasket Set-Engine
365	BS-699484	Screw (Carburetor)
445	BS-491588s	Filter-Air Cleaner Cartridge
455	BS-692591	Cup-Flywheel
456	BS-692299	Plate-Pawl Friction
459	BS-281505s	Pawl-Ratchet
505	BS-691251	Nut (Governor Control Lever)
523	BS-693618	Dipstick
524	BS-281370s	Seal-Dipstick Tube
535	BS-493537s	Filter-Air Cleaner Foam
552	BS-692346	Bushing-Governor Crank
562	BS-691119	Bolt (Governor Control Lever)
597	BS-691696	Screw (Pawl Friction Plate)
601	BS-791850	Clamp-Hose (Green)
608	BS-795930	Starter-Rewind
613	BS-699209	Screw (Muffler)
615	BS-692576	Retainer-Governor Shaft
616	BS-692547	Crank-Governor
619	BS-699230	Screw (Cylinder Head Plate)
621	BS-692310	Switch-Stop (Brake)
632	BS-693408	Spring/Link-Mechanical Governor
633	BS-693867	Seal-Choke/Throttle Shaft (Choke)
633A	BS-691321	Seal-Choke/Throttle Shaft
635	BS-692076	Boot-Spark Plug
663	BS-699206	Screw (Control Panel)
689	BS-691855	Spring-Friction
692	BS-797624	Spring-Detent
718	BS-690959	Pin-Locating
741	BS-695087	Gear-Timing

Ref.	Part Number	Description
742	BS-692564	Retainer-E Ring
746	BS-790278	Gear-Idler
819	BS-699233	Screw (Muffler Bracket)
830	BS-797441	Stud-Rocker Arm
832	BS-796240	Guard-Muffler
836	BS-699755	Screw (Muffler Guard)
842	BS-691031	Seal-O Ring (Dipstick Tube)
847	BS-693617	Dipstick/Tube Assembly
851	BS-493880s	Terminal-Spark Plug
868	BS-795440	Seal-Valve
869	BS-691115	Seat-Valve
883	BS-691893	Gasket-Exhaust
914	BS-699480	Screw (Rocker Cover) (Bottom)
914A	BS-692557	Screw (Rocker Cover) (Top)
914B	BS-697551	Screw (Rocker Cover) (Side)
951	BS-790630	Lever-Choke
957	BS-795027	Cap-Fuel Tank
968	BS-791082	Cover-Air Cleaner
971	BS-798649	Screw (Air Cleaner)
972	BS-697779	Tank-Fuel
975	BS-797631	Bowl-Fuel
987	BS-797629	Seal-Throttle Shaft
993	BS-694088	Gasket-Cylinder Head Plate
1005	BS-692592	Fan-Flywheel
1022	BS-691890	Gasket-Rocker Cover
1023	BS-499924	Cover-Rocker
1026	BS-790287	Rod-Push
1029	BS-797443	Arm-Rocker
1034	BS-691343	Guide-Push Rod
1036		Label-Emissions (Auth. B&S Dealer)
1058	BS-277040	Operator's Manual
1070	BS-699201	Screw (Flywheel Fan)
1095	BS-791798	Gasket Set-Valve
1210	BS-791849	Pulley/Spring Assembly (Pulley)
1011	BS-791849	Pulley/Spring Assembly (Spring)
1329	BS-122012-0528	
1330	BS-276781	Repair Manual
1395	BS-690370	Screw (Air Cleaner Base)

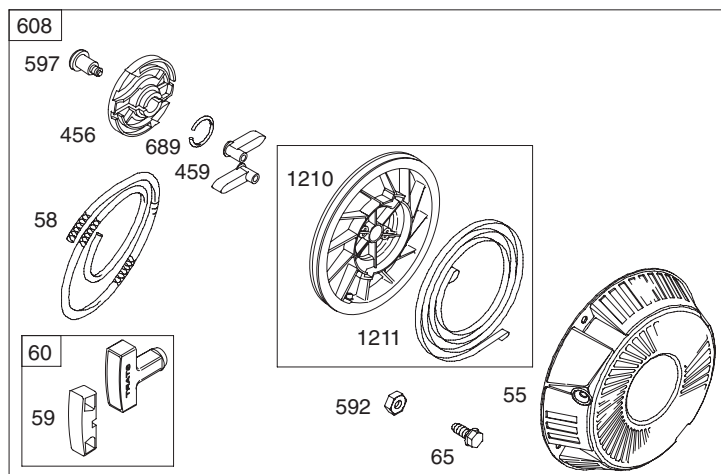
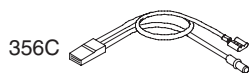
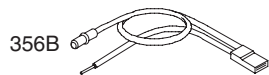
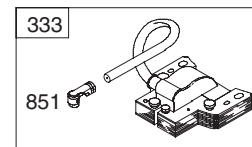
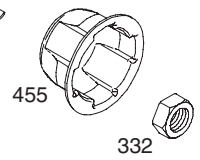
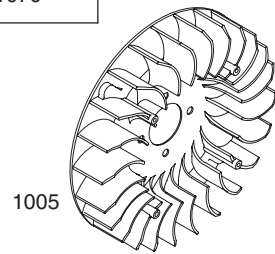
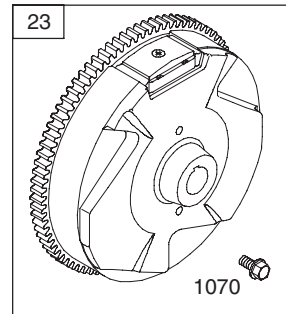
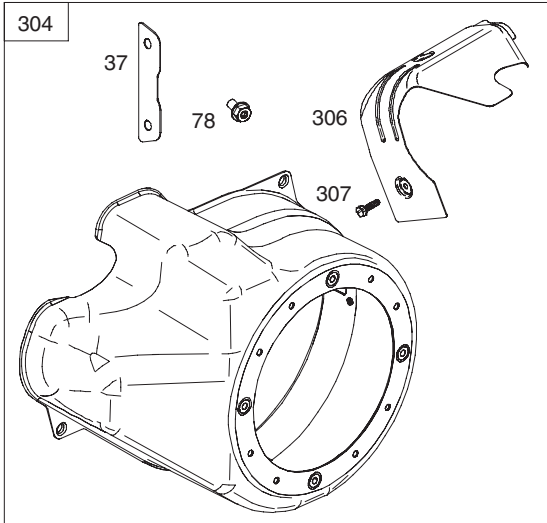




Briggs & Stratton 204312-0529-B1



1036 EMISSIONS LABEL



Briggs & Stratton 204312-0529-B1

Ref.	Part Number	Description
1	BS-794849	Cylinder Assembly
2	BS-698340	Kit-Bushing/Seal (Magneto Side)
3	BS-391086s •	Seal-Oil (Magneto Side)
5	BS-794870	Head-Cylinder
7	BS-694872 •+	Gasket-Cylinder Head
11	BS-696796	Tube-Breather
12	BS-694953 •	Gasket-Crankcase
13	BS-794829	Screw (Cylinder Head)
15	BS-691686	Plug-Oil Drain
16	BS-794874	Crankshaft
18	BS-791965	Cover-Crankcase
19	BS-698340	Kit-Bushing/Seal (PTO Side)
20	BS-391086s •	Seal-Oil (PTO Side)
21	BS-281658s	Cap-Oil Fill
22	BS-794825	Screw (Crankcase Cover/Sump)
23	BS-794814	Flywheel
24	BS-222698s	Key-Flywheel
25	BS-792117	Piston Assembly (Standard)
	BS-792144	Piston Assembly (.020" Oversize)
26	BS-793561	Ring Set (Standard)
	BS-792073	Ring Set (.020" Oversize)
27	BS-690975	Lock-Piston Pin
28	BS-696581	Pin-Piston
29	BS-691691	Rod-Connecting
30	BS-694692	Dipper-Connecting Rod
32	BS-690976	Screw (Connecting Rod)
33	BS-499596	Valve-Exhaust
34	BS-792200	Valve-Intake
35	BS-694865	Spring-Valve (Intake)
36	BS-694865	Spring-Valve (Exhaust)
37	BS-790730	Guard-Flywheel
42	BS-499586	Keeper-Valve
45	BS-690977	Tappet-Valve
46	BS-790958	Camshaft
48	N/A	Short Block

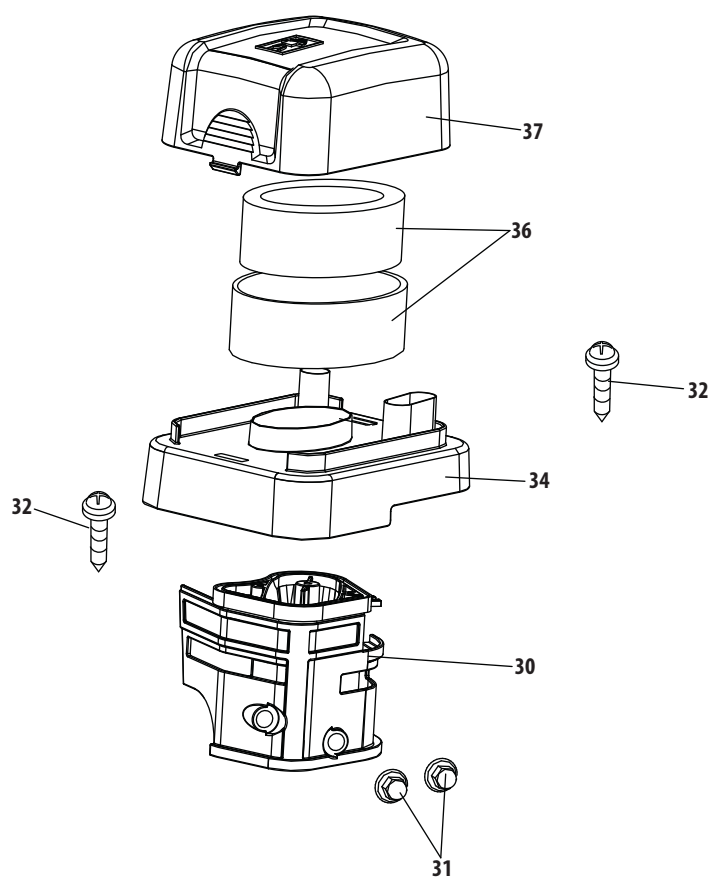
Ref.	Part Number	Description
51	BS-694874 Ø•+	Gasket-Intake
51A	BS-694875 Ø•+	Gasket-Intake
53	BS-794830	Stud (Carburetor)
55	BS-695288	Housing-Rewind Starter
58	BS-693389	Rope-Starter
59	BS-805957	Insert-Grip
60	BS-490652	Grip-Starter Rope
65	BS-699228	Screw (Rewind Starter)
78	BS-795026	Screw (Flywheel Guard)
81	BS-794817	Lock-Muffler Screw
95	BS-690718	Screw (Throttle Valve)
97	BS-696387	Shaft-Throttle
98	BS-695408 Ø	Kit-Idle Speed
104	BS-694918 Ø	Pin-Float Hinge
105	BS-696136 Ø	Valve-Float Needle
108	BS-696143	Valve-Choke
109	Order ref 141	Shaft-Choke
117	BS-696134	Jet-Main (Std.) (Incl O-Ring Seal)
118	BS-696135	Jet-Main (High Alt.) (Incl O-Ring)
121	BS-696146	Kit-Carburetor Overhaul
122	BS-694876	Spacer-Carburetor
125	BS-796321	Carburetor
127	BS-690727 Ø	Plug-Welch
130	BS-696139	Valve-Throttle
133	BS-694914	Float-Carburetor
135	BS-696142	Tube-Fuel Transfer
137	BS-695426 Ø	Gasket-Float Bowl
141	BS-696145	Kit-Choke Shaft
146	BS-690979	Key-Timing
161	BS-794768	Base-Air Cleaner
163	BS-692277 Ø•	Gasket-Air Cleaner
187	751-10349-16	Line-Fuel (Cut To Required Length)
188	BS-699479	Screw (Control Bracket)
190	BS-699220	Screw (Fuel Tank)
192	BS-690083	Adjuster-Rocker Arm

Ref.	Part Number	Description
209	BS-694867	Spring-Governor (Red)
211	BS-695307	Spring-Governed Idle
219	BS-693578	Gear-Governor
220	BS-691724	Washer (Governor Gear)
222	BS-794799	Bracket-Control
227	BS-694864	Lever-Governor Control
240	BS-298090s	Filter-Fuel
265	BS-691024	Clamp-Casing
267	BS-699492	Screw (Casing Clamp)
271	BS-695381	Lever-Control
278	BS-792008	Washer (Governor Control Lever)
281	BS-697268	Panel-Control
300	BS-794806	Muffler
304	BS-791478	Housing-Blower
305	BS-699481	Screw (Blower Housing)
306	BS-697240	Shield-Cylinder
307	BS-794822	Screw (Cylinder Shield)
332	BS-794824	Nut (Flywheel)
333	BS-492341	Armature-Magneto
334	BS-699477	Screw (Magneto Armature)
337	759-3336	Plug-Spark
356	BS-692603	Wire-Stop
356A	BS-692390	Wire-Stop
356B	BS-695815	Wire-Stop
356C	BS-695295	Wire-Stop
358	BS-695438	Gasket Set-Engine
363	BS-19203	Puller-Flywheel
369	BS-695422	Spring-Float Bowl
383	BS-19374s	Wrench-Spark Plug
410	BS-695382	Link-Control
415	BS-691363	Plug (Cylinder)
425	BS-794835	Screw (Air Cleaner Cover)
445	BS-491588s	Filter-Air Cleaner Cartridge
446	BS-794941	Spring-Retainer
455	BS-794867	Cup-Flywheel

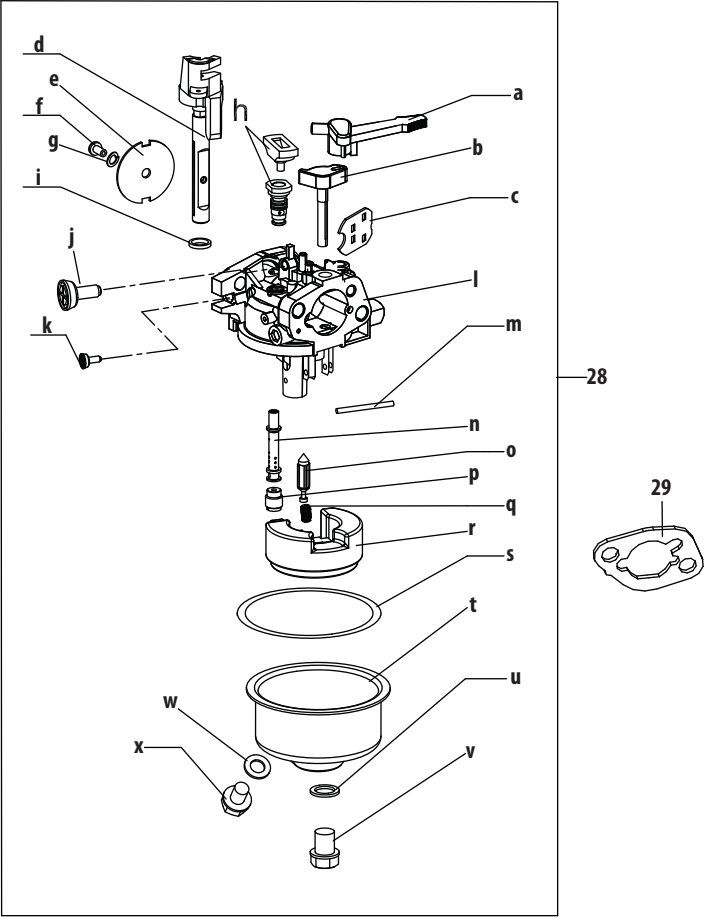
Ref.	Part Number	Description
456	BS-692299	Plate-Pawl Friction
459	BS-281505s	Pawl-Ratchet
493	BS-691177	Bracket-Mounting
504	BS-695383	Washer Set-Friction
505	BS-691251	Nut (Governor Control Lever)
529	BS-791822	Grommet (Cylinder)
552	BS-694674	Bushing-Governor Crank
562	BS-793216	Bolt (Governor Control Lever)
592	712-0349	Nut (Rewind Starter)
597	BS-691696	Screw (Pawl Friction Plate)
601	BS-791850	Hose-Clamp
608	BS-695287	Starter-Rewind
613	BS-794846	Screw (Muffler)
613A	BS-794848	Screw (Muffler)
615	BS-694676	Retainer-Governor Shaft
616	BS-795758	Crank-Governor
621	BS-692310	Switch-Stop
632	BS-695917	Spring/Link-Mechanical Governor
633 Ø	BS-690998	Seal-Choke/Throttle Shaft
635	BS-691909	Boot-Spark Plug
663	BS-699492	Screw (Control Panel)
663A	BS-795026	Screw (Control Panel)
668	BS-694257	Spacer (Control Bracket)
689	BS-691855	Spring-Friction
718	BS-690959	Pin-Locating (Cylinder)
718A	BS-695178	Pin-Locating (Cylinder Head)
741	BS-691288	Gear-Timing
742	BS-692564	Retainer-E Ring
746	BS-694679	Gear-Idler
773	BS-694258	Retainer
774	BS-695447	Screw (Stop Wire)
798	BS-697890	Screw (Rocker Arm)
832	BS-795035	Guard-Muffler
836	BS-794845	Screw (Muffler Guard)
836A	BS-710023	Screw (Muffler Guard)

- Included in Engine Gasket Set, Key Number 358
- Ø Included in Carburetor Overhaul Kit, Key Number 121
- + Included in Valve Gasket Set, Key Number 1095

170-C0A Air Cleaner Assembly



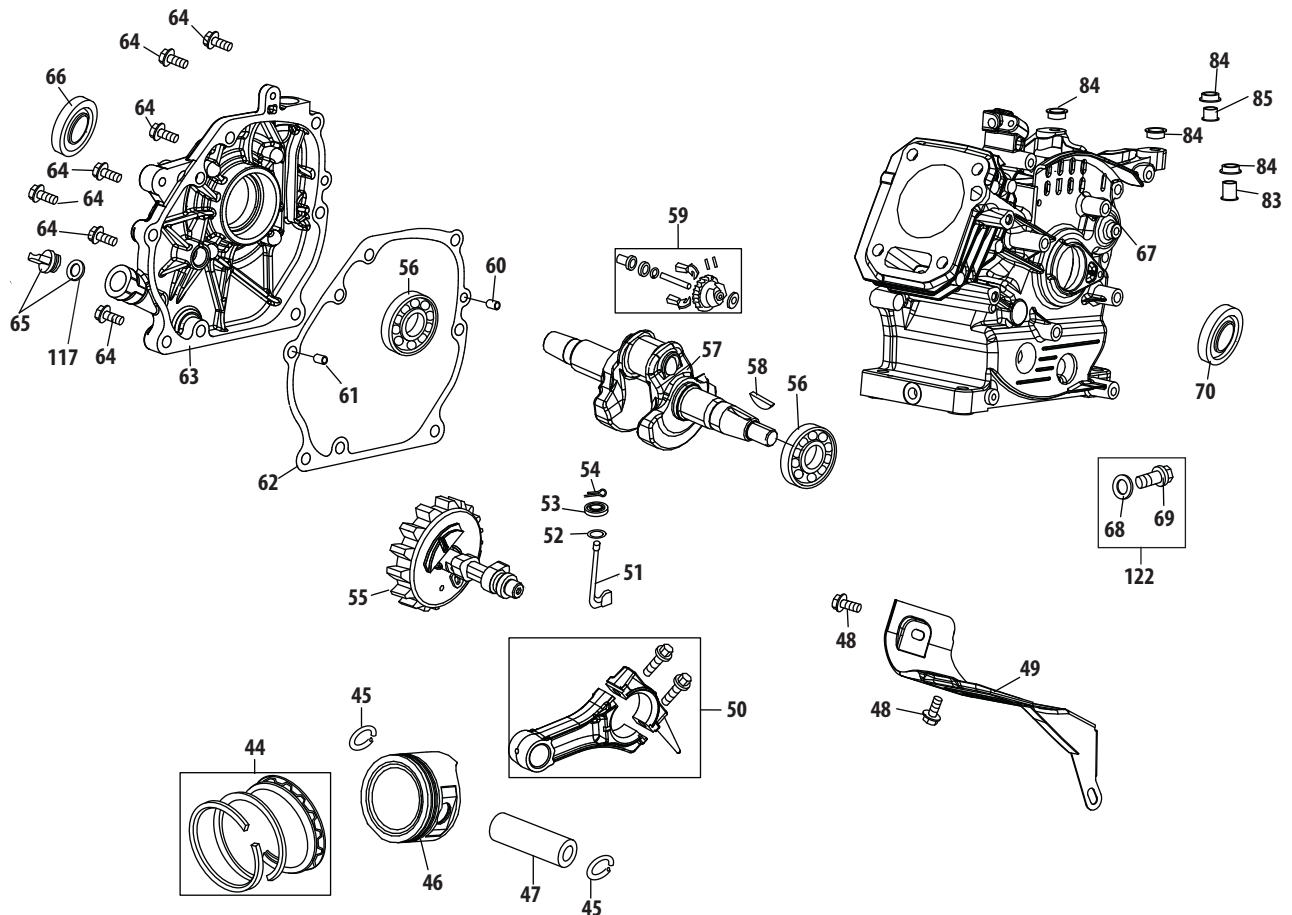
Ref.	Part Number	Description
30	951-10806	Air Cleaner Housing
31	712-04949	Nut
32	710-05102	Self-Tapping Bolt M4.2×16
34	951-12135	Silencer Plate
36	951-10794	Air Cleaner Assembly (Filter)
37	951-12136	Air Cleaner Cover



Ref.	Part Number	Description
28	951-12124	Carburetor Assembly
29	951-11571	Carburetor Gasket Plate
a		Control Lever,Choke
b		Choke Shaft
c		Choke Plate
d		Throttle Shaft
e		Throttle Plate
f		Screw M3x5
g		Lock Washer
h		Idle Jet Assembly
i		Gasket, Throttle Plate
j		Idle Speed Adjusting Screw
k		Mixture Screw
l		Carburetor Body

Ref.	Part Number	Description
m		Float Pin
n		Emulsion Tube
o		Needle Valve
p		Main Jet
q		Needle Valve Spring
r		Float
s	951-11589	Fuel Bowl Gasket
t		Fuel Bowl
u	951-11348	Fuel Bowl Gasket
v	710-04945	Fuel Bowl Mounting Bolt
w	951-11349	Fuel Drain Plug Gasket
x	710-04938	Fuel Drain Plug
	951-12119	Carburetor Kit - Major
		(Incl. Ref No. m,n,o,p,q,r,s,u,w)

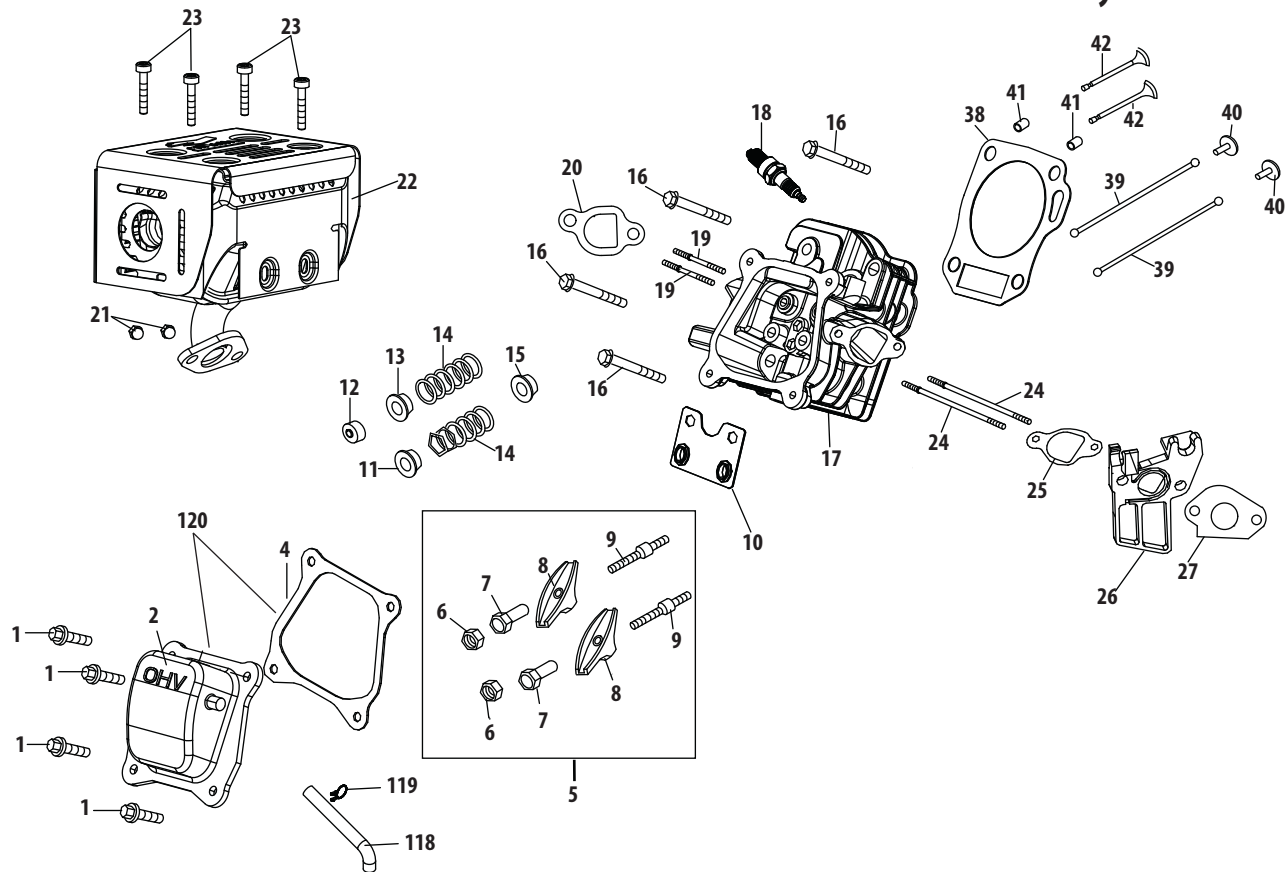
170-COA Crankcase



Ref.	Part Number	Description
44	951-11253	Piston Ring Set
45	951-11632	Piston Pin Snap Ring
46	951-12053	Piston
47	951-11633	Piston Pin
48	710-04915	Bolt M6x12
49	951-11113	Air Shield
50	951-11573	Connecting Rod Assembly
51	951-11356	Governor Arm Shaft
52	736-04461	Washer 5.2x1.9
53	951-11574	Governor Seal
54	714-04074	Cotter Pin
55	951-11575	Camshaft Assy.
56	951-11369	Radial Ball Bearing, 6205
57	951-12133	Crankshaft Assembly
58	951-10307	Woodruff Key
59	951-11576	Governor Gear/Shaft Assembly
60	715-04092	Dowel Pin 7x14
61	715-04096	Dowel Pin 9x14
62	951-11371	Crankcase Cover Gasket

Ref.	Part Number	Description
63	951-12125	Cover Comp, Left Crankcase
64	710-04932	Bolt M8x32
65	951-11283	Dipstick Assembly
66	951-11578	Oil Seal, 25x41.25x6
67	951-12122	Short Block (Incl. Ref No. 4,20,25,26,38,40, 41,44-47,50-70 & 117)
68	736-04440	Washer 10x16x1.5
69	710-04906	Oil Drain Plug
70	951-12126	Oil Seal 25x41.25x6
83	735-04265	Grommet 8.5 x 24.5
84	735-04266	Rubber Seat
85	735-04267	Grommet 8.5 x 17
117	951-11283	Oil Fill Plug Assembly
122	951-10370	Oil Drain Plug & Washer Assembly
	951-12121	Gasket Kit Complete (Incl. Ref No. 4,20,25-27,29, 38,52,53,62,66,68 & 70)

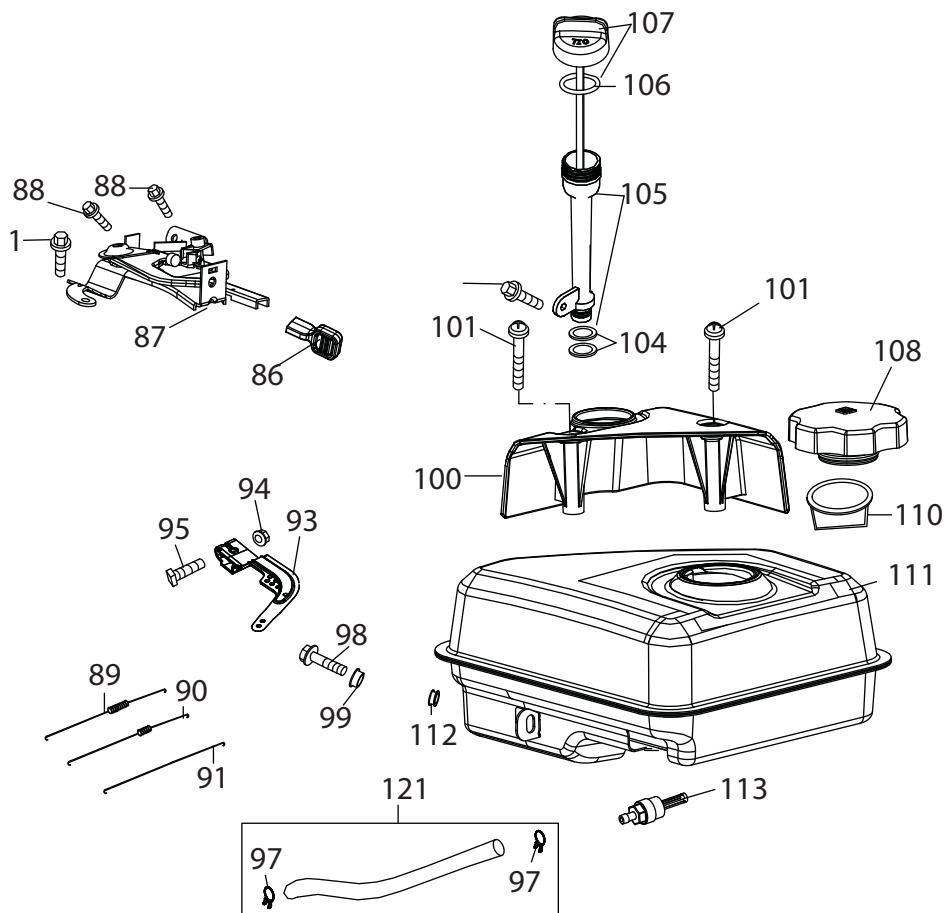
170-C0A Cylinder Head



Ref.	Part Number	Description
1	710-04968	Bolt M6×16
2	951-11054	Valve Cover
4	951-11565	Valve Cover Gasket
5	951-11892	Rocker Arm Assembly
6	751-11124	Nut, Pivot Locking
7	751-11123	Adjusting Nut ,Valve
8	951-11893	Rocker Arm
9	710-04902	Bolt, Pivot
10	951-11895	Push Rod Guide
11	951-12000	Retainer, In.Valve Spring
12	951-12002	Adjuster, Exh Valve
13	951-12003	Retainer, Ex.Valve Spring
14	951-12004	Valve Spring
15	951-11894	Intake Valve Seal
16	710-04933	Bolt M8×55
17	951-10668A	Cylinder Head Assembly (Incl. Ref No. 4,6-15,17,20,25, 26,38,42 & 43)
18	951-10292	Spark Plug/F6Rtc
19	710-05001	Stud M8×36
19	951-10657	Muffler Stud Assembly
20	951-11289	Exhaust Pipe Gasket
21	712-04214	Nut, M8
22	951-12123	Muffler Assembly

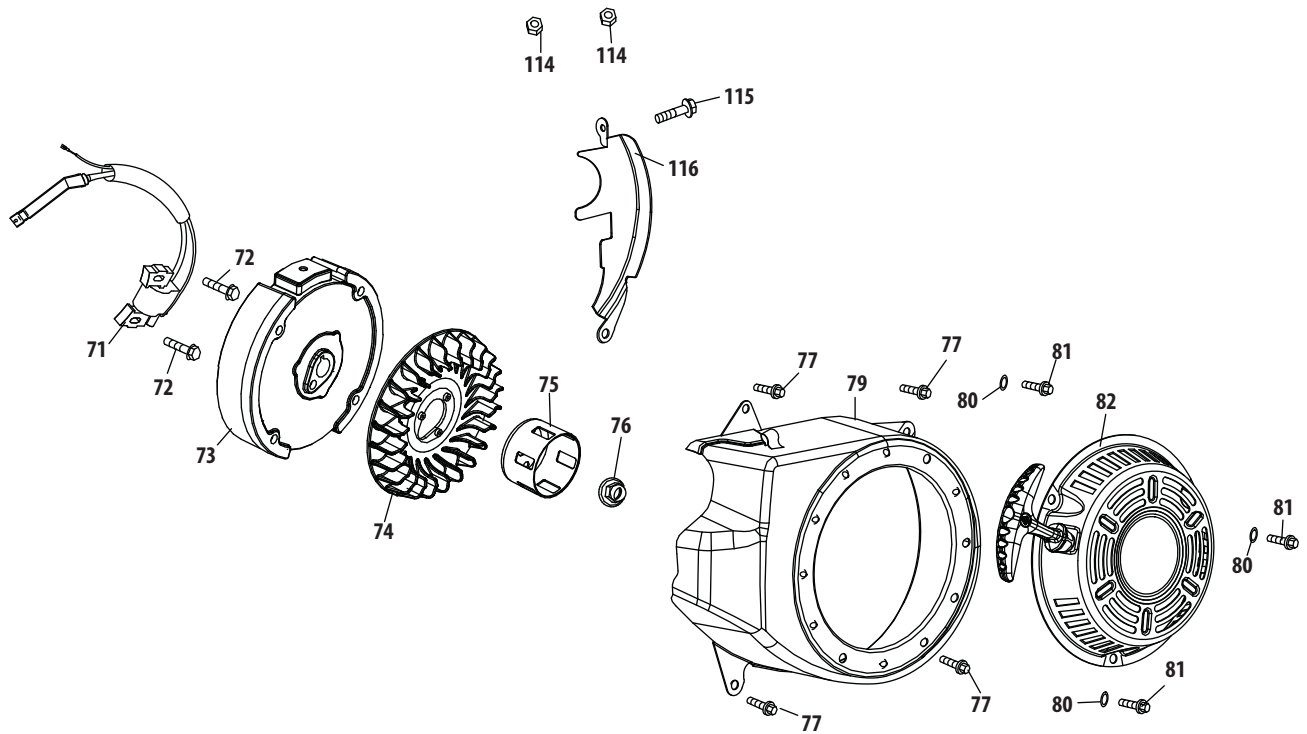
Ref.	Part Number	Description
23	710-05002	Bolt M5×10
24	710-05101	Stud M6×110
25	951-11567	Carburetor Insulator Gasket
26	951-11568	Carburetor Insulator
27	951-11569	Carburetor Gasket
38	951-11572	Gasket, Cylinder Head
39	951-10648	Push Rod Kit
40	951-11899	Tappet
41	715-04090	Dowel Pin 10×16
42	951-10647	Valve Kit
43	951-10647	Valve Kit
118	731-07059	Breather Hose
119	726-04101	Hose Clamp
120	951-11063A	Valve Cover Kit
	951-12122	Short Block (Incl. Ref No. 4,20,25,26,38,40, 41,44-47,50-70 & 117)
	951-12121	Gasket Kit Complete (Incl. Ref No. 4,20,25-27,29,38, 52,53,62,66,68 & 70)
	951-12120	Gasket Kit External (Incl. Ref No. 4,20,25-27,29 & 68
	952Z170-C0A	Complete Engine

170-C0A Fuel tank



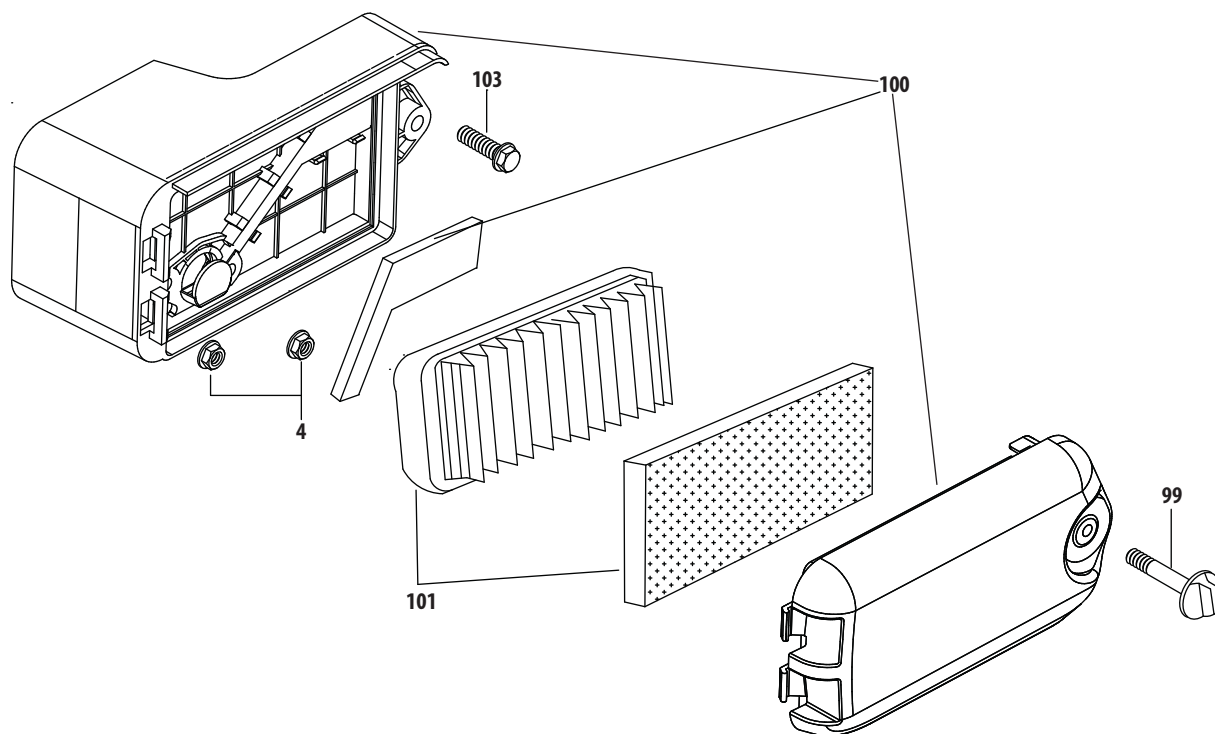
Ref.	Part Number	Description
1	710-04968	Bolt M6×16
86	951-11067	Throttle Control Knob
87	951-12131	Primer Bracket
88	710-05103	Bolt M6×12
89	951-11585	Governor Spring
90	951-10664	Throttle Linkage Spring
91	951-10665	Throttle Linkage
93	951-11106	Governor Arm
94	712-04212	Nut M6
95	710-04908	Governor Arm Bolt
97	951-11700	Fuel Hose Clamp
98	710-04918	Bolt M6×20
99	735-04268	Grommet 8.5 x 9

Ref.	Part Number	Description
100	951-10662	Dipstick Cover
101	710-04905	Bolt
102	710-04915	Bolt M6×12
104	951-11903	Oil Fill Tube O-Ring
105	951-11913	Oil Fill Tube
106	951-11934	Oil Fill Tube O-Ring
107	951-11912	Dipstick Gauge
108	951-10917	Fuel Cap Assembly
110	951-11933	Fuel Filter
111	951-12132	Fuel Tank
112	750-05314	Rubber Shock Pad
113	951-10651	Fuel Tank Nipple
121	951-10650	Fuel Line Kit

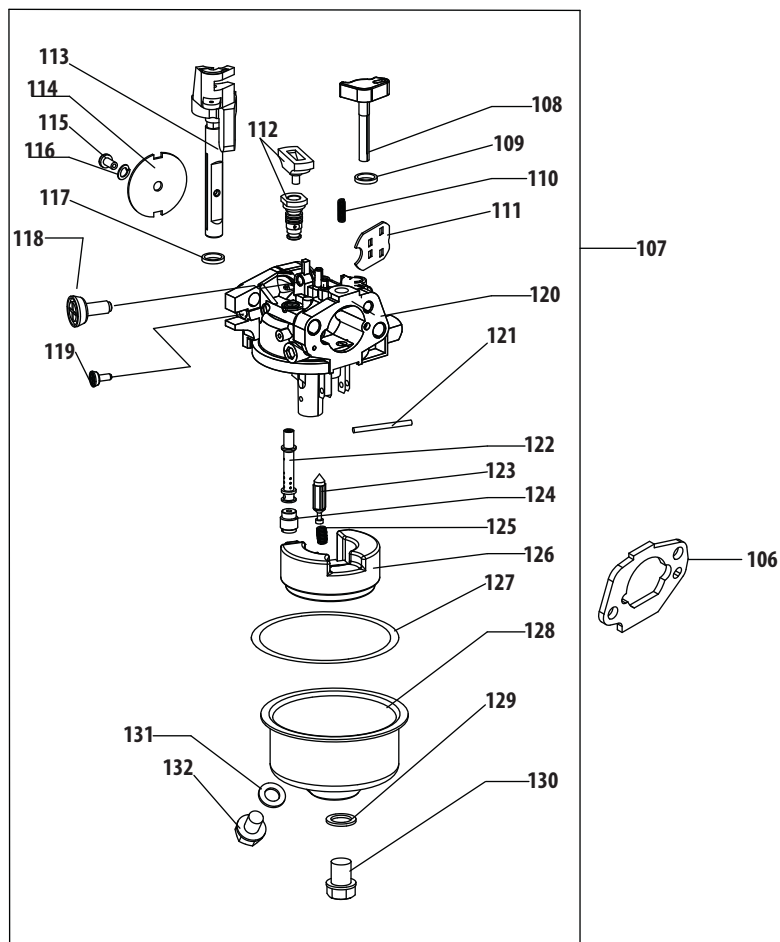


Ref.	Part Number	Description
71	951-10792	Ignition Coil Assembly
72	710-04919	Bolt M6x25
73	951-10805	Flywheel
74	951-10934	Fan, Cooling
75	951-10911	Pulley, Starter
76	712-04209	Nut, Special, M14x1.5
77	710-04915	Bolt M6x12
79	951-11583	Blower Housing
80	736-04455	Washer
81	710-04974	Bolt M6x10
82	951-12127	Recoil Starter
114	712-04212	Nut, M6
115	710-04918	Bolt M6x20
116	951-11109	Blower Housing Shield

1P70C0A Air Cleaner



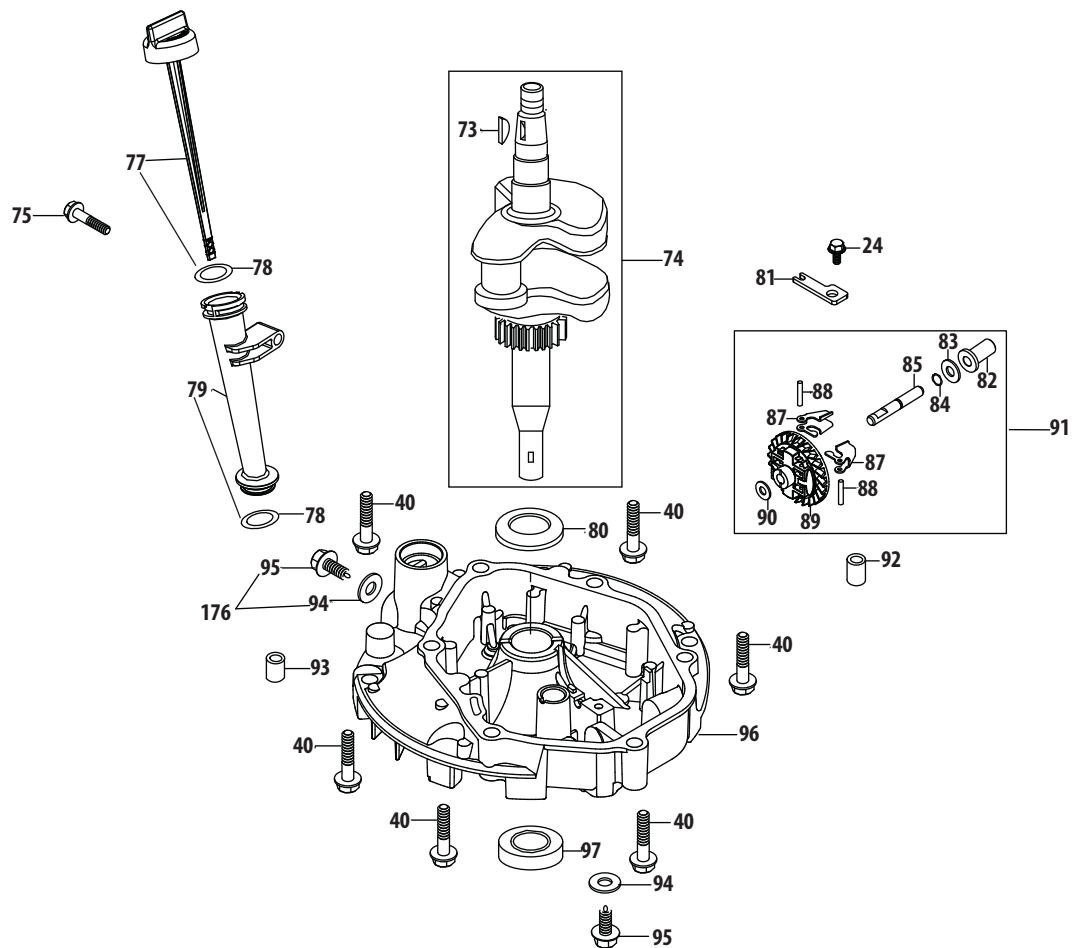
Ref.	Part Number	Description
4	712-04212	Nut M6 X 10 Mm
99	951-10297	Air Cleaner Cover Thumb Screw
100	751-10412B	Air Filter Housing Asm
101	951-10298	Sponge Filter
103	710-04969	Blot M6x30



Ref.	Part Number	Description
106	951-11525	Carburetor Gasket Plate
107	951-10929	Carburetor Assembly
108	-	Choke Shaft
109	-	Fiber O-Ring
110	-	Choke Plate
111	-	Choke Return Spring
112	-	Idle Jet Assembly
113	-	Throttle Shaft
114	-	Throttle Plate
115	-	Lock Washer
116	-	Screw M3x5
117	-	Fiber O-Ring
118	-	Idle Speed Adjusting Screw
119	-	Idle Mixture Screw

Ref.	Part Number	Description
120	-	Carburetor Body
121	-	Float Pin
122	-	Emulsion Tube
123	-	Needle Valve
124	-	Main Jet
125	-	Needle Valve Spring
126	-	Float
127	951-11589	Fuel Bowl O-Ring
128	-	Fuel Bowl
129	951-11348	Fuel Bowl Gasket
130	710-04945	Fuel Bowl Mounting Bolt
131	951-11349	Fuel Drain Plug Gasket
	951-12178	Carburetor Kit - Major
		(Incl No. 109,117,118,121-127,129 & 131)

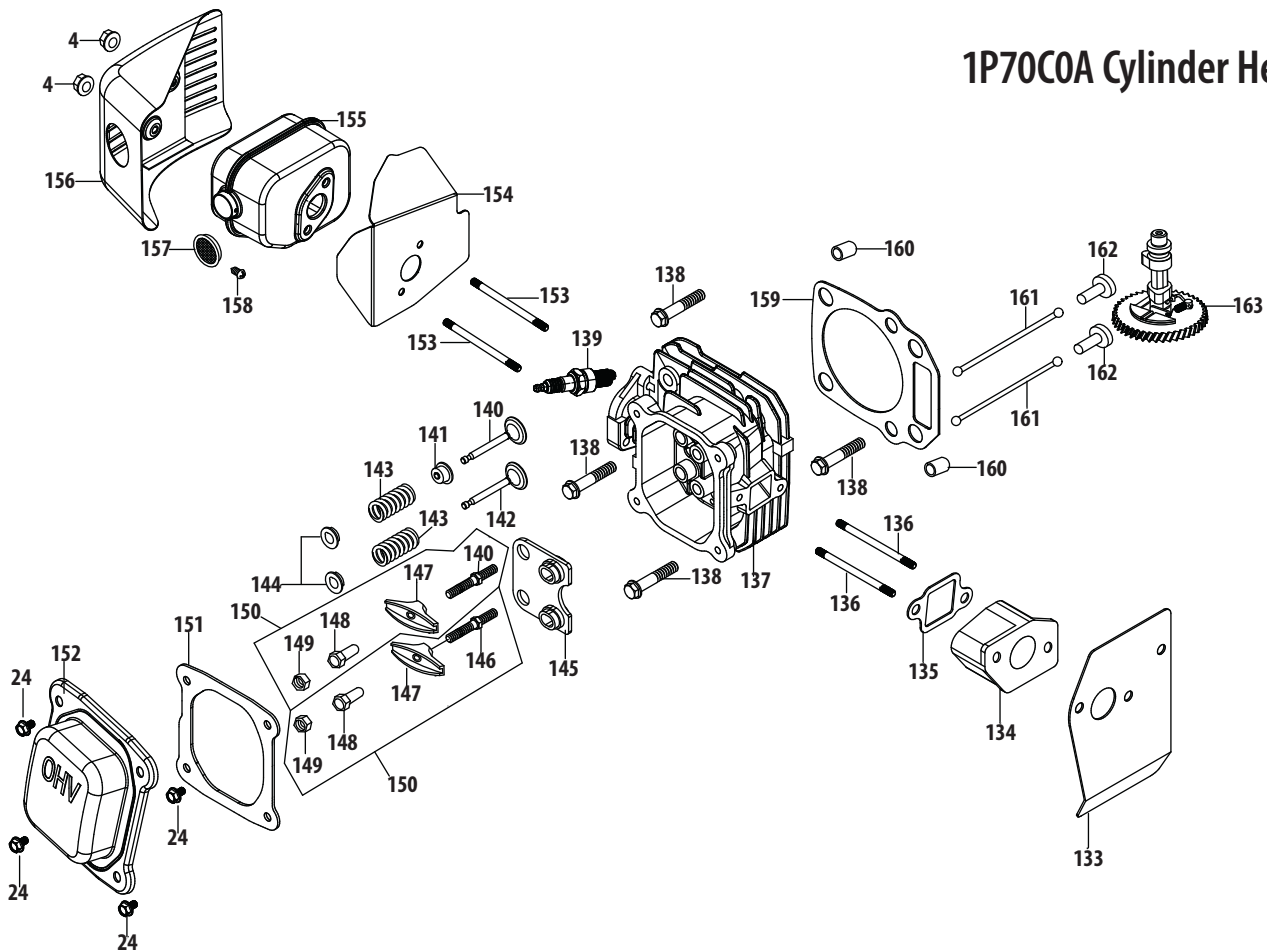
1P70C0A Crankshaft



Ref.	Part Number	Description
24	710-04916	Bolt M6×14
40	710-04922	Bolt M8×50
73	951-10307	Woodruff Key
74	751-12174	Crankshaft Assembly
75	710-04980	Bolt M6×35
77	951-11764	Dipstick Asm
78	951-11547	Dipstick / Oil Fill Tube O-Ring
79	951-11765	Oil Fill Tube Asm
80	736-04491	Crankshaft Thrust Washer
81	951-11625	Governor Gear Mounting Plate
82	-	Governor Slide Cap
83	-	Governor Slide Cap Washer
84	-	Governor Shaft Stop Ring
85	-	Governor Shaft

Ref.	Part Number	Description
86	-	Governor Gear Assembly
87	-	Governor Fly Weight
88	-	Governor Fly Weight Pin
89	-	Governor Gear
90	-	Governor Gear Washer
91	951-11626	Governor Gear/Shaft Assembly
92	715-04092	Dowel Pin 7×14
93	715-04096	Dowel Pin 9×14
94	736-04440	Oil Drain Plug Washer
95	710-04906	Oil Drain Plug
96	951-11794	Crankcase Cover
97	951-11627	Lower Crankshaft Seal
176	951-10370	Oil Drain Plug and Washer Ass'y

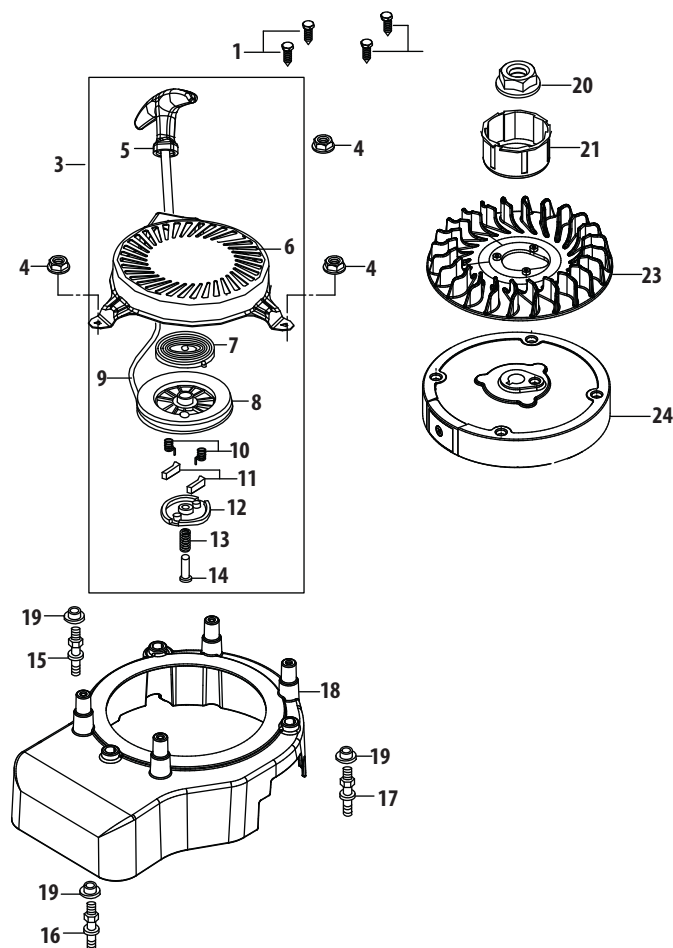
1P70C0A Cylinder Head



Ref.	Part Number	Description
4	712-04212	Nut M6 X 10 Mm
24	710-04916	Bolt M6x14
133	751-12110	Carburetor Gasket
134	951-11255	Carburetor Insulator
135	951-11254	Carburetor Insulator Gasket
136	710-04981	Stud M6x113
137	951-10413A	Cylinder Head Assembly (Incl Ref No. 134,135,137, 140-149,151,154 & 159)
138	710-04982	Head Bolt M8x54
139	951-10292	Spark Plug/F6Rtc
140	951-10345	Valve Kit
141	951-11818	Intake Valve Seal
142	951-10345	Valve Kit
143	751-12116	Valve Spring
144	951-12000	Valve Spring Retainer
145	951-11629	Push Rod Guide
146	710-04902	Rocker Arm Stud
147	751-12175	Rocker Arm
148	751-11123	Valve Adjusting Nut
149	751-11124	Pivot Locking Nut
150	951-11606	Rocker Arm Assembly

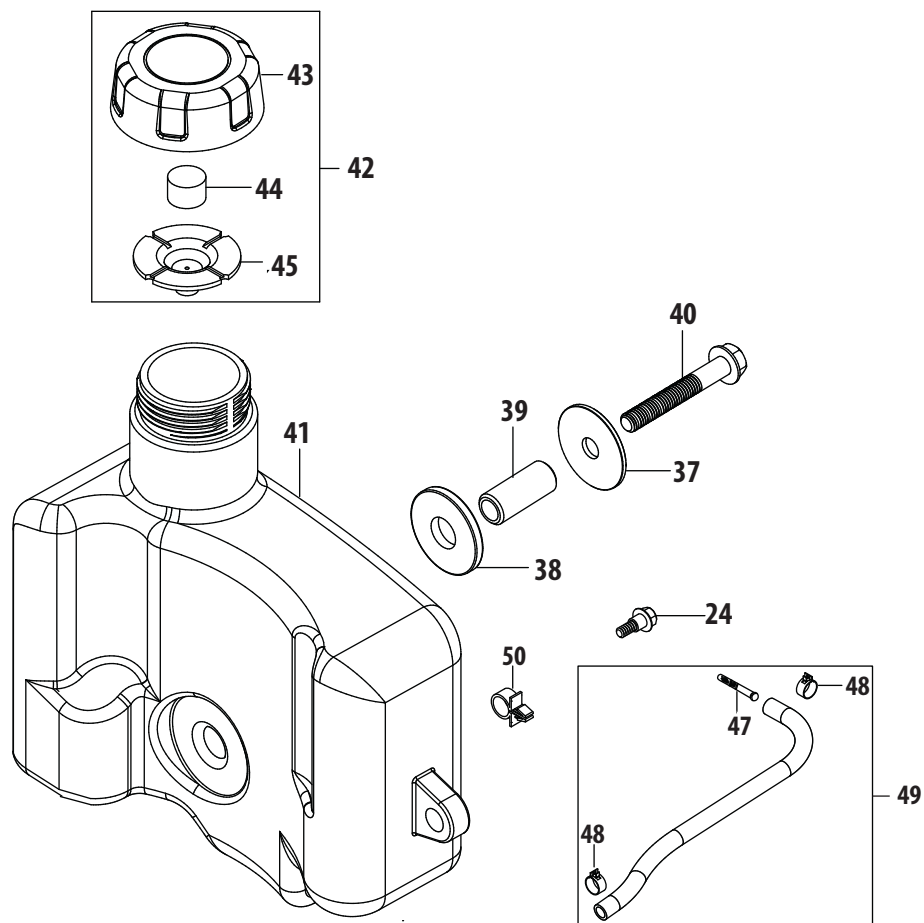
Ref.	Part Number	Description
151	951-11551	Valve Cover Gasket
152	951-11548	Valve Cover
153	710-05094	Stud M6x95
153	951-10342	Muffler Stud Assembly
154	951-11739	Muffler Gasket
155	951-10295	Muffler Assembly
156	951-10411	Muffler Shield
157	951-10351	Spark Arrestor
158	710-04983	Self-Tapping Screw M3.5x9.5
159	951-11630	Cylinder Head Gasket
160	715-04108	Dowel Pin 10x16
161	751-10344	Push Rod Kit
162	951-11607	Tappet
163	951-11767	Camshaft Assembly
	952Z1P70C0A	Complete Engine
	951-11770	Gasket Kit - Complete (Incl Ref No. 29,54,71,78,94, 97,133,135,151,154 & 159)
	951-11772	Gasket Kit - External (Incl Ref No. 29,78,94,133, 135,151 & 154)

1P70C0A Flywheel & Shroud



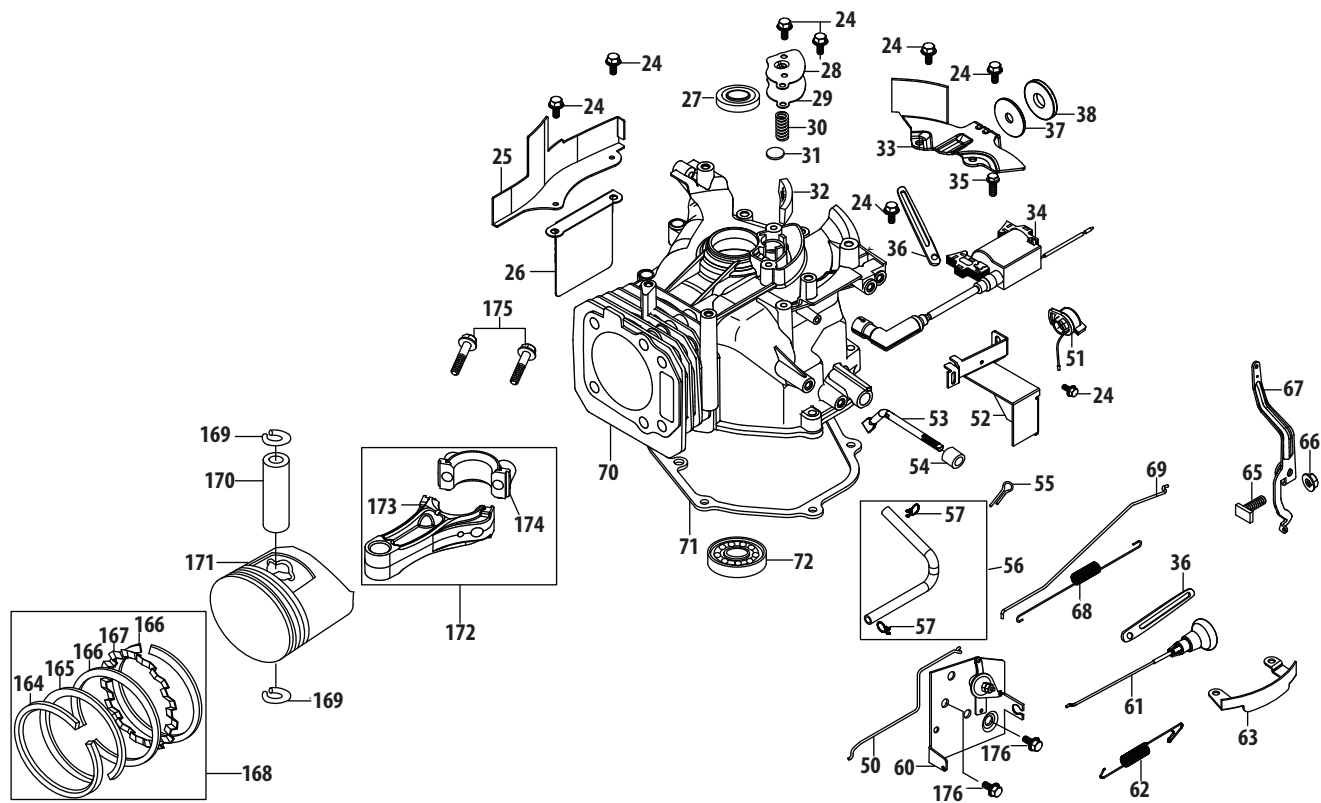
Ref.	Part Number	Description
1	710-04744	Self-Tapping Bolt, Hilo #12-16 X 1.00
3	951-11720	Recoil Starter Assembly
4	712-04212	Nut M6 X 10 Mm
5	-	Starter Handle
6	-	Starter Housing Weldment
7	951-11721	Recoil Spring
8	951-11721	Starter Pulley
9	-	Starter Rope
10	-	Starter Pawl Return Spring
11	-	Starter Pawl
12	-	Pressure Plate

Ref.	Part Number	Description
13	-	Pressure Plate Spring
14	-	Pressure Plate Bolt
15	710-04976	Starter / Shroud Stud M6x85-48
16	710-04977	Starter / Shroud Stud M6x87-51.5
17	710-04978	Starter / Shroud Stud M6x79
18	951-10369	Inner Shroud
19	750-05320	Spacer
20	712-04221	Nut M14x1.5
21	751-12176	Starter Cup Use 751-11040 For Now
22	951-10934	Cooling Fan
23	951-10935	Flywheel



Ref.	Part Number	Description
24	710-04916	Bolt M6×14
37	736-04456	Fuel Tank Washer
38	951-10335	Rubber Bushing
39	750-05322	Fuel Tank Bushing
40	710-04922	Bolt M8×50
41	951-10368	Fuel Tank Assembly
42	951-10300	Fuel Cap Assembly
43	-	Fuel Cap
44	-	Sponge Insert
45	-	Vent Gasket
46	-	Fuel Tank
47	951-10358A	Fuel Filter
48	951-11700	Fuel Hose Clamp
49	951-10364	Fuel Hose
50	723-04071	Plastic Support Clamp

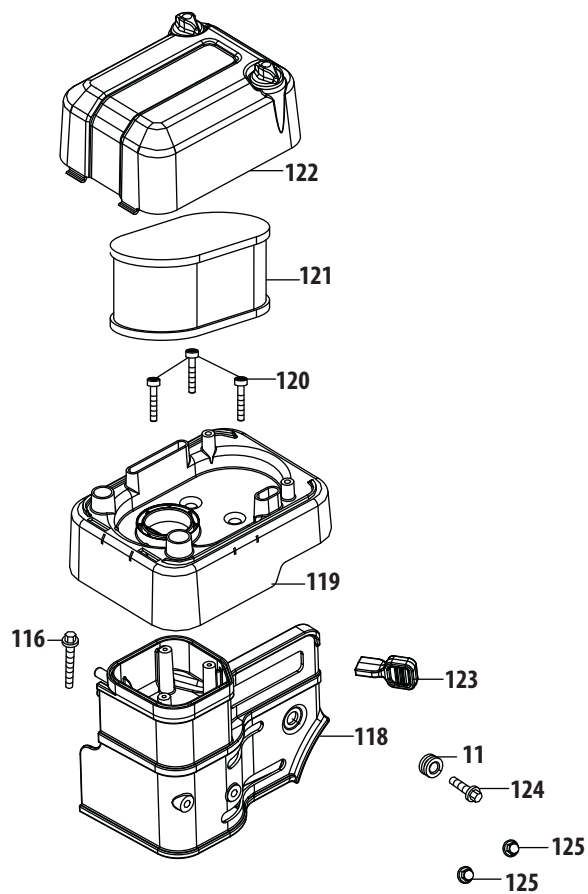
1P70C0A Shortblock



Ref.	Part Number	Description
24	710-04916	Bolt M6×14
25	751-12104	Air Guide Bracket
26	951-11602	Label Bracket
27	951-11545	Upper Crankshaft Seal
28	951-11612	Breather Cover Plate
29	951-11613	Breather Gasket
30	732-04718	Breather Spring
31	951-11614	Breather Valve
32	951-11762	Mesh Screen
33	951-11616	Fuel Tank Bottom Bracket
34	951-10931	Ignition Coil Assembly
35	710-04979	Bolt M6×18
36	951-11680	Flexible Clamp
37	736-04456	Fuel Tank Washer
38	951-10335	Rubber Bushing
51	951-10622	Switch
52	751-12169	Tank Side Bracket
53	951-11608	Governor Arm Shaft
54	951-11574	Governor Seal
55	714-04074	Cotter Pin
56	951-11260	Breather Hose Assembly
57	726-04101	Breather Hose Clamp
59	751-12107	Choke Linkage
60	751-12170	Variable Spd Control Rod Bracket
61	951-10933	1P70Lh Choke Control Knob
62	951-10387	Governor Spring
63	751-12171	Governor Arm Shield
65	710-04908	Governor Arm Bolt
66	712-04212	Nut M6

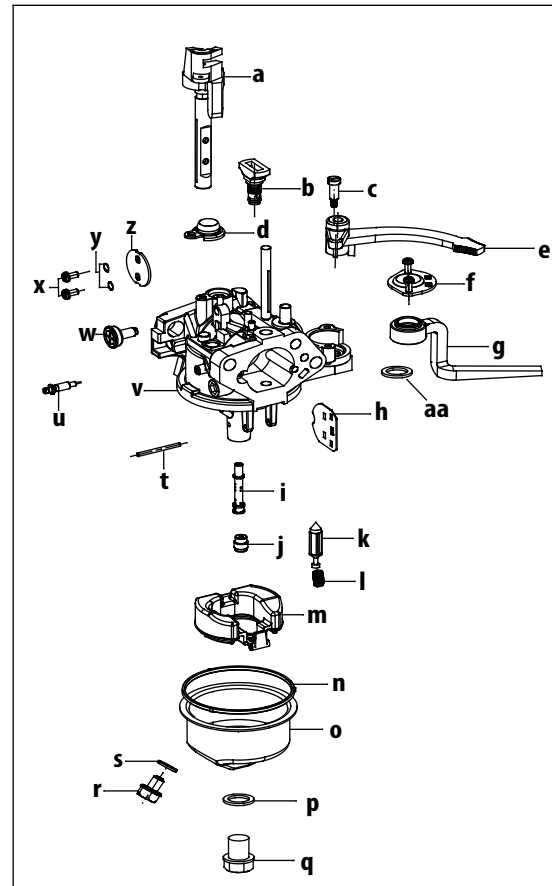
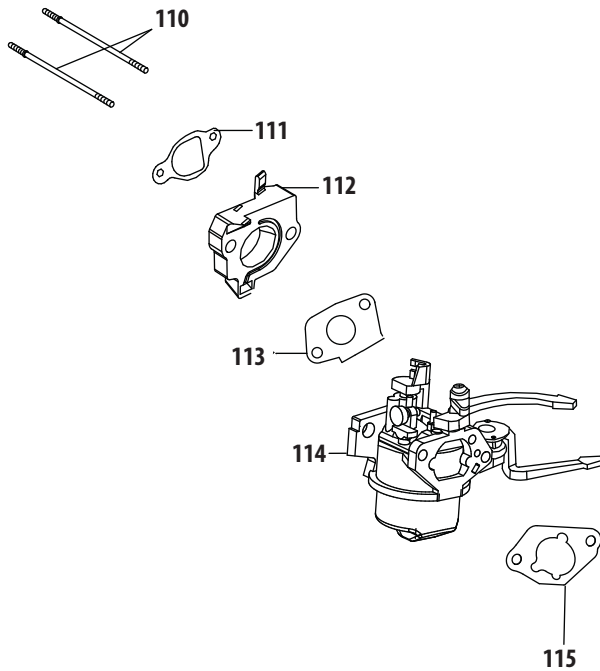
Ref.	Part Number	Description
67	751-12172	Governor Arm
68	751-12173	Throttle Rod
69	951-11258	Throttle Linkage Spring
70	751-12177	Shortblock Assembly (Incl Ref No. 24,27-32,40,53-55,70-78, 80,81,91-97,106,134,135,151,154 ,159,160,162,163,168-172 & 175
71	951-11763	Crankcase Cover Gasket
72	951-11369	Main Bearing
164	-	Upper Piston Compression Ring
165	-	Lower Piston Compression Ring
166	-	Piston Oil Ring Segment
167	-	Piston Oil Ring Expander
168	751-12111	Piston Ring Set
169	951-11632	Piston Pin Snap Ring
170	951-11633	Piston Pin
171	951-11634	Piston
172	951-11768	Connecting Rod Assembly
173	-	Connecting Rod
174	-	Connecting Rod Cap
175	710-05162	Connecting Rod Bolt
	952Z1P70C0A	Complete Engine
	951-11770	Gasket Kit - Complete (Incl Ref No. 29,54,71,78,94,97, 133,135,151,154 & 159)
	951-11772	Gasket Kit - External (Incl Ref No. 29,78,94,133, 135,151 & 154)

178-L0 Air Cleaner



Ref.	Part Number	Description
11	736-04452	Washer, Flat
116	710-04969	Bolt M6×30
118	951-12407	Air Filter Housing
119	951-12408	Air Filter Base
120	710-05352	Countersunk Screw
121	951-12260	Air Filter Assembly
122	951-12047	Air Filter Cover
123	951-12409	Throttle Control Knob
124	710-04968	Bolt M6×16
125	712-04213	Plate-Shaped Nut

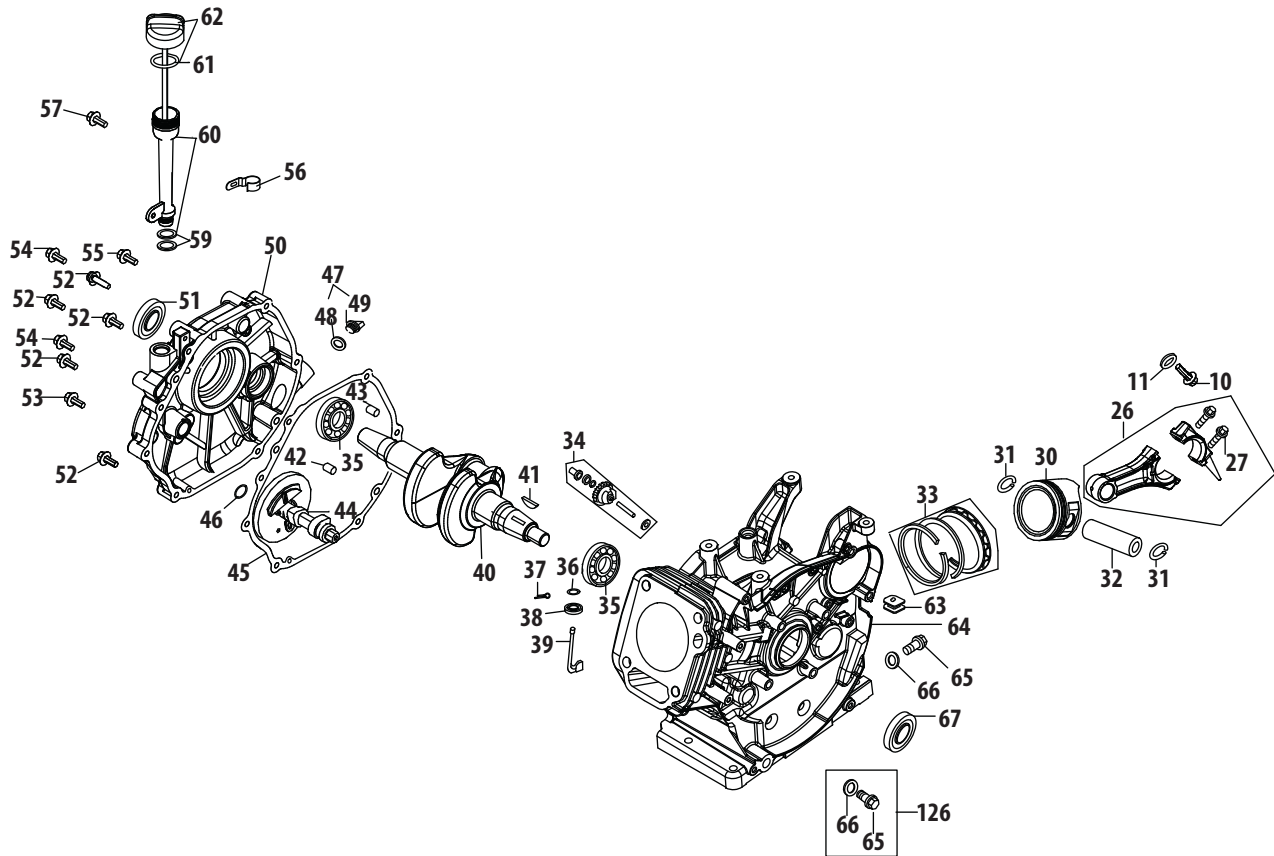
178-L0 Carburetor Assembly



Ref.	Part Number	Description
110	710-05351	Carburetor Stud
111	951-11225	Carburetor Insulator Gasket
112	951-11222	Carburetor Insulator
113	951-11223	Carburetor Gasket
114	951-12374	Carburetor Assembly
115	951-12406	Carburetor Gasket Plate
a	N/A	Throttle Shaft
b	N/A	Idle Jet Assembly
c	N/A	Pin
d	N/A	Lock Plate
e	951-12422	Choke Knob
f	N/A	Throttle Shaft Dust Seal
g	951-12423	Fuel Shut-Off Lever
h	N/A	Choke Plate
i	N/A	Emulsion Tube
j	N/A	Main Jet
k	N/A	Needle Valve
l	N/A	Needle Valve Spring
m	N/A	Float

Ref.	Part Number	Description
n	951-11970	Fuel Bowl Gasket
o	N/A	Fuel Bowl Gasket
p	951-11348	Fuel Bowl Gasket
q	710-04945	Fuel Bowl Mounting Bolt
r	710-04938	Fuel Drain Plug
s	951-11349	Fuel Drain Plug Gasket
t	N/A	Float Pin
u	N/A	Mixture Screw
v	N/A	Carburetor Body
w	N/A	Idle Speed Adjusting Screw
x	N/A	Screw M3x5
y	N/A	Lock Washer
z	N/A	Throttle Plate
aa	951-12475	Gasket, Fuel Shut Off
	951-12383	Carburetor Kit - Major (Incl.f,i,j,k,l,m,n,o,s,t)
	951-12377	Gasket Kit -- External (Incl.66,90,105,111-113,115)

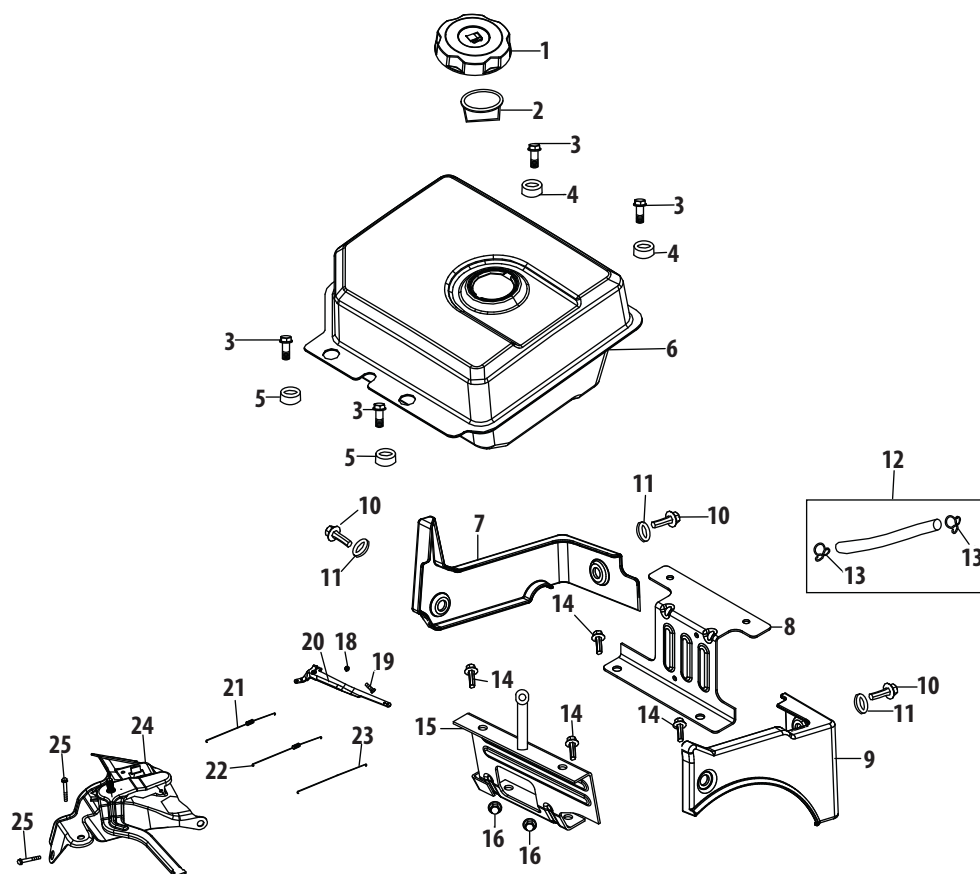
178-L0 Crankshaft & Crankcase



Ref.	Part Number	Description
10	710-04968	Bolt M6×16
11	736-04452	Washer, Flat
26	951-12066	Connecting Rod Assembly
27	710-05319	Connecting Rod Bolt
30	951-12043	Piston
31	951-11632	Piston Pin Snap Ring
32	951-12044	Piston Pin
33	951-12387	Piston Ring Kit
34	751-12068	Governor Gear/Shaft Assembly
35	951-12069	Radial Ball Bearing
36	736-04453	Washer 8×20×0.8
37	714-04077	Cotter Pin
38	951-12388	Governor Seal
39	951-12071	Governor Arm Shaft
40	951-12389	Crankshaft Assembly
41	951-10307	Woodruff Key
42	715-04102	Dowel Pin 9×12
43	715-04092	Dowel Pin 7×14
44	951-12072	Camshaft Assy.
45	951-11374	Crankcase Cover Gasket
46	736-04545	Washer 16×24×0.5
47	951-12390	Oil Filler Plug Assembly
48	951-12391	O-Ring 15.8×2.5
49	951-12394	Oil Filler Plug
50	951-12395	Cover Comp,Left Crankcase

Ref.	Part Number	Description
51	951-12396	Oil Seal,30×46×8
52	710-04971	Bolt M8×38
53	710-04972	Bolt M8×45
54	710-05052	Bolt M8×35
55	710-04968	Bolt M6×16
56	951-11320	Dipstick Clamp
57	710-05349	Bolt M6×8
59	951-12397	Oil Fill Tube O-Ring
60	951-12384	Oil Fill Tube Asm (Incl 59)
61	951-11547	Dipstick O-Ring
62	951-12382	Dipstick Assembly (Incl 61)
63	951-12398	Wire Clamp Rubber
64	951-12381	Short Block (Incl.26,30-47,50-54,64-67,83, 86,87,90,92,105,111,112)
65	951-12399	Oil Drain Plug
66	736-04585	Washer 12×20×2
67	951-12400	Oil Seal 30×46×8
126	951-12378	Oil Drain Plug & Washer Assembly
	951-12377	Gasket Kit - - External (Incl.66,90,105,111-113,115)
	951-12380	Gasket Kit Complete (Incl.38,45,51,66,67,87,90, 105,111-113)

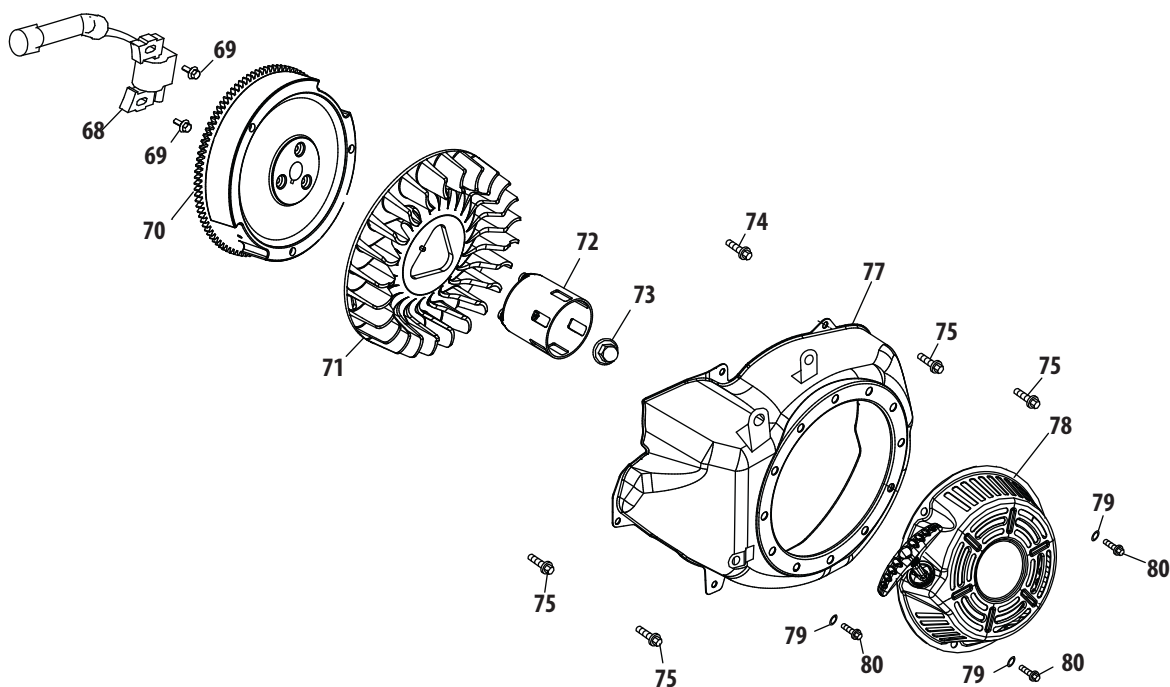
178-L0 Fuel Tank & Mounting



Ref.	Part Number	Description
1	951-10917A	Fuel Cap Assembly
2	951-11933	Fuel Level Indocator
3	710-04970	Bolt M8×20
4	750-05312	Bush ,Gas Tank
5	750-05313	Bush ,Gas Tank
6	951-11201	Fuel Tank Assembly
7	951-11184	Plastic Cover
8	951-11184	Rear Mainting Bracket Assy.
9	951-12385	Engine Cover
10	710-04968	Bolt M6×16
11	736-04452	Bush
12	951-11200	Fuel Hose Kit

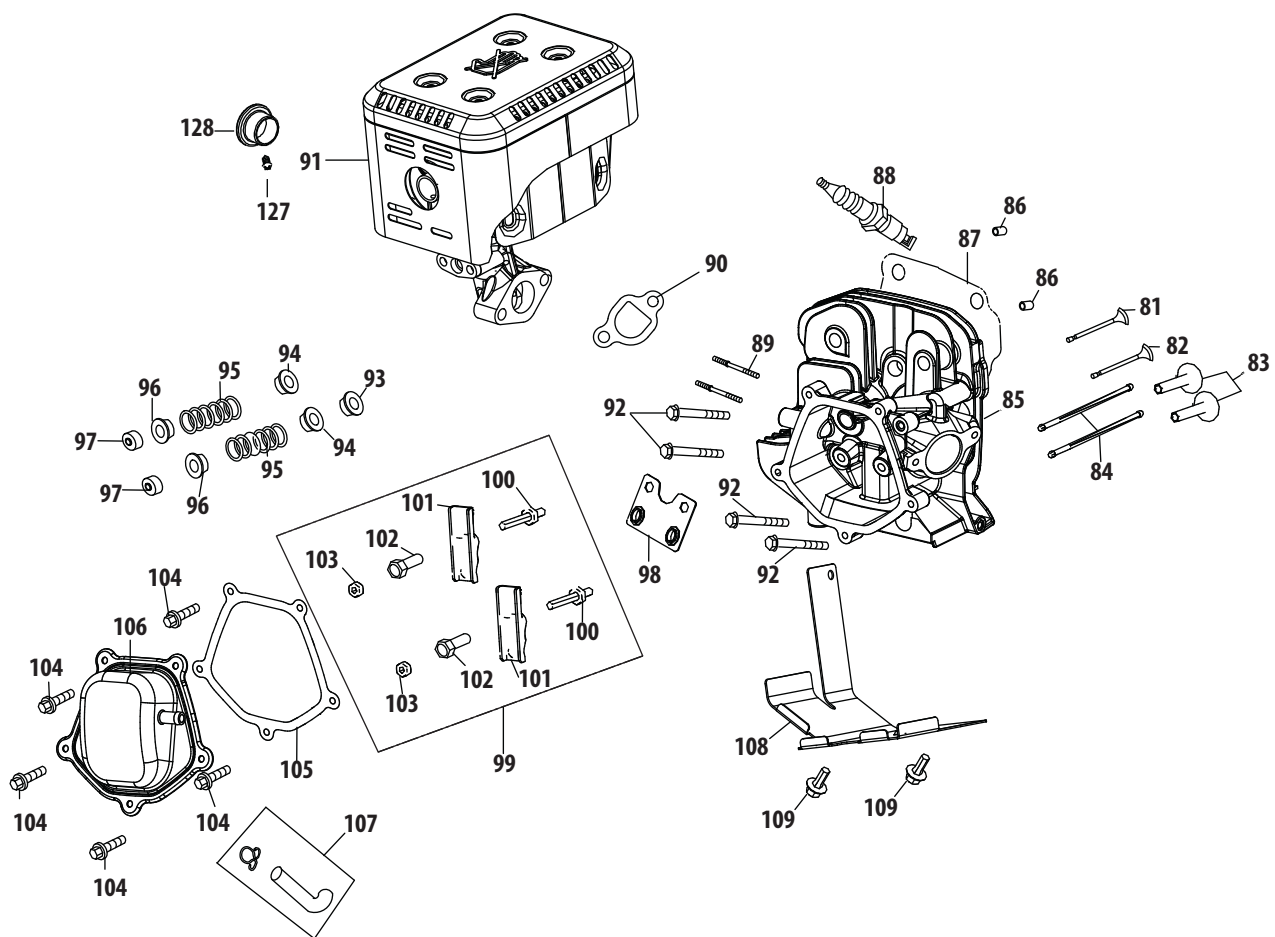
Ref.	Part Number	Description
13	951-11731	Fuel Hose Clamp
14	710-04921	Bolt M8×14
15	951-11182	Gas Tank Bracker
16	712-04219	Nut M8
18	712-04212	Nut M6
19	710-04908	Governor Arm Bolt
20	951-11231	Governor Arm
21	951-11202	Governor Spring
22	951-11203	Throttle Linkage Spring
23	951-11204	Governor Rod
24	751-12386	Throttle Control Bracket
25	710-04916	Bolt,M6×14

178-L0 Flywheel & Blower Housing



Ref.	Part Number	Description
68	951-12375	Ignition Coil Assembly
69	710-05350	Ignition Coil Bolt
70	951-12401	Flywheel
71	951-11217	Fan,Cooling
72	951-11218	Starter Cup
73	712-04220	Nut,Special,M16x1.5
74	710-04968	Bolt M6x16
75	710-04915	Bolt M6x12
77	951-12402	Starter Housing
78	951-12376	Recoil Starter Assy
79	736-04455	Washer 6
80	710-04974	Bolt M6x10

178-L0 Cylinder Head



Ref.	Part Number	Description
81	951-12379	Exhaust Valve
82	751-12379	Intake Valve
83	951-11962	Tappet
84	951-11199	Push Rod Kit
85	951-11188	Cylinder Head Assembly (Incl.81,82,85,87,89,90,92-98, 100-103,105,110-112)
86	715-04097	Dowel Pin 12x20
87	951-12076	Gasket,Cylinder Head
88	951-10292	Spark Plug/F6Rtc
89	710-04964	Muffler Stud M8x48.5
89	951-11207	Muffler Stud Assembly
90	951-11212	Muffler Gasket
91	951-12404	Muffler Assembly
92	710-04973	Bolt M10x1.25x80
93	951-11964	Intake Valve Seal
94	951-12077	Valve Spring Retainer
95	951-12078	Valve Spring
96	951-12080	Retainer,Ex.Valve Spring
97	951-12081	Adjuster,Exh Valve
98	951-11965	Push Rod Guide
99	951-11981	Rocker Arm Assembly
100	710-04962	Bolt,Pivot
101	951-11966	Rocker Arm
102	751-11123	Adjusting Nut ,Valve
103	751-11124	Nut,Pivot Locking
104	710-05054	Valve Cover Bolt
105	951-11967	Valve Cover Gasket
106	951-11220	Valve Cover
107	951-12403	Breather Hose Assembly
108	951-12405	Air Shield
109	710-04915	Bolt M6x12
127	710-05347	Bolt, Self Tapping
128	951-12344	Spark Arrestor
	951-11226	Cylinder Head Service Kit (Incl.87,92,93,105)
	951-12377	Gasket Kit -- External (Incl.66,90,105,111-113,115)
	951-12380	Gasket Kit Complete (Incl.38,45,51,66,67,87, 90,105,111-113)



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