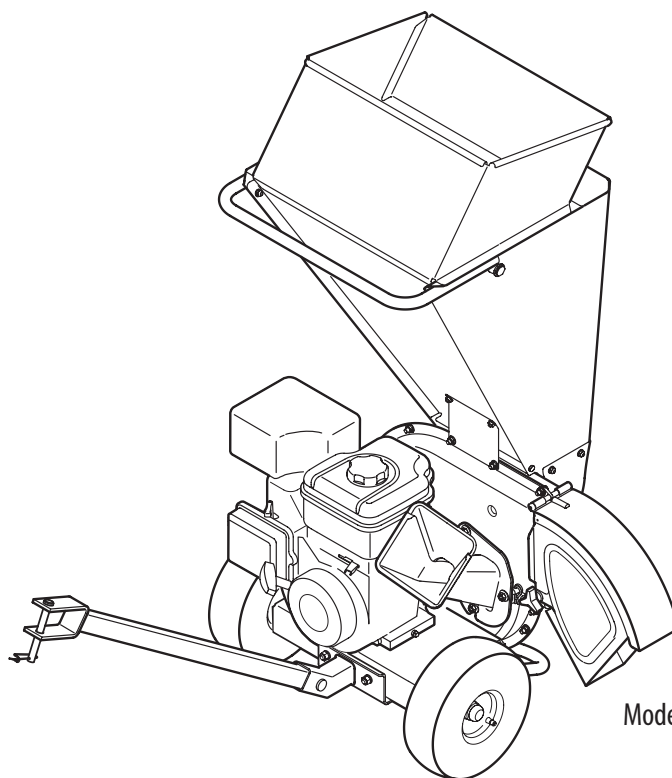

Cub Cadet®

ILLUSTRATED PARTS MANUAL

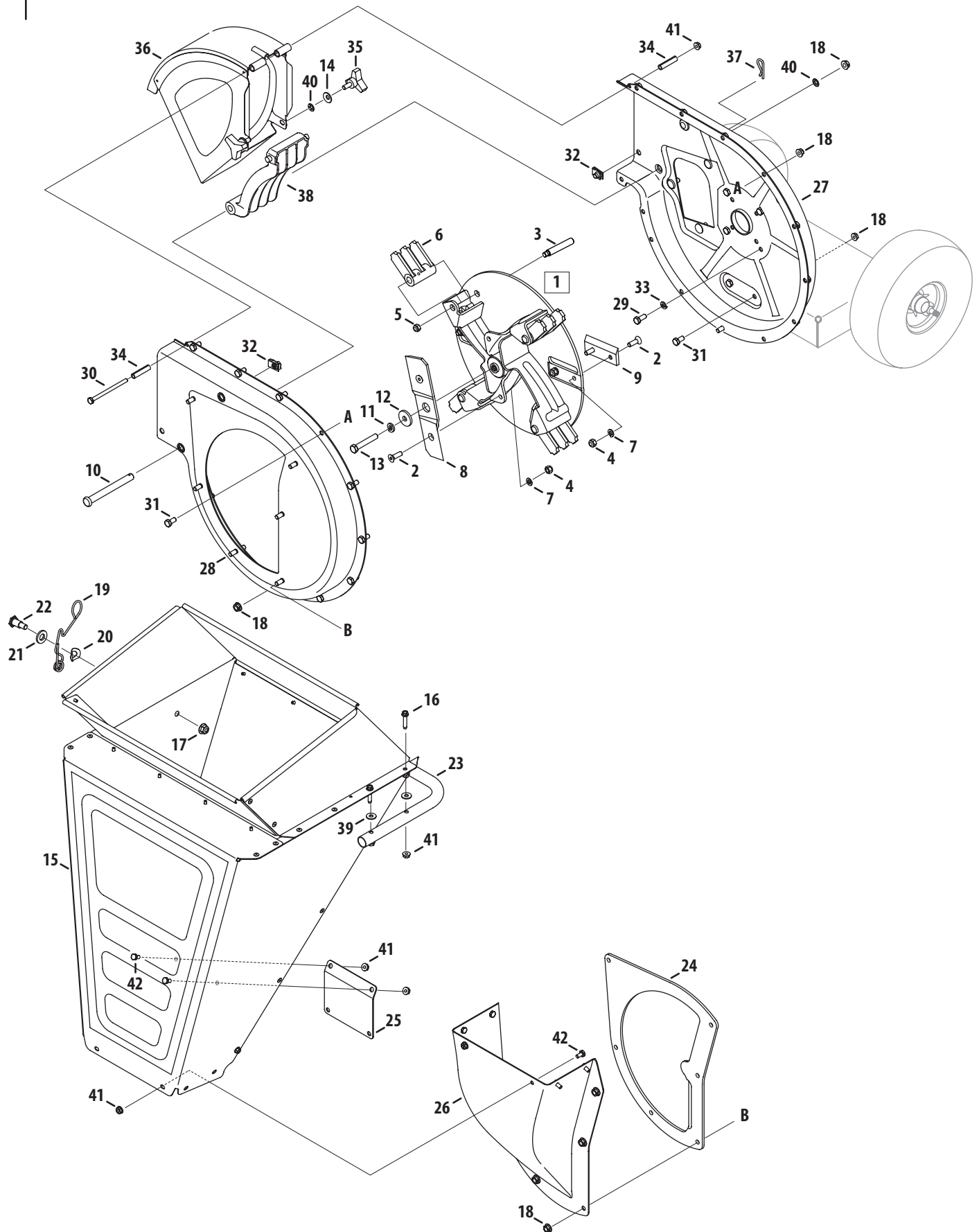


Model Series CS 2210

Chipper Shredder — Model Series CS 2210 & CS 3210

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

Model Series 410 & 420



Model Series 410 & 420

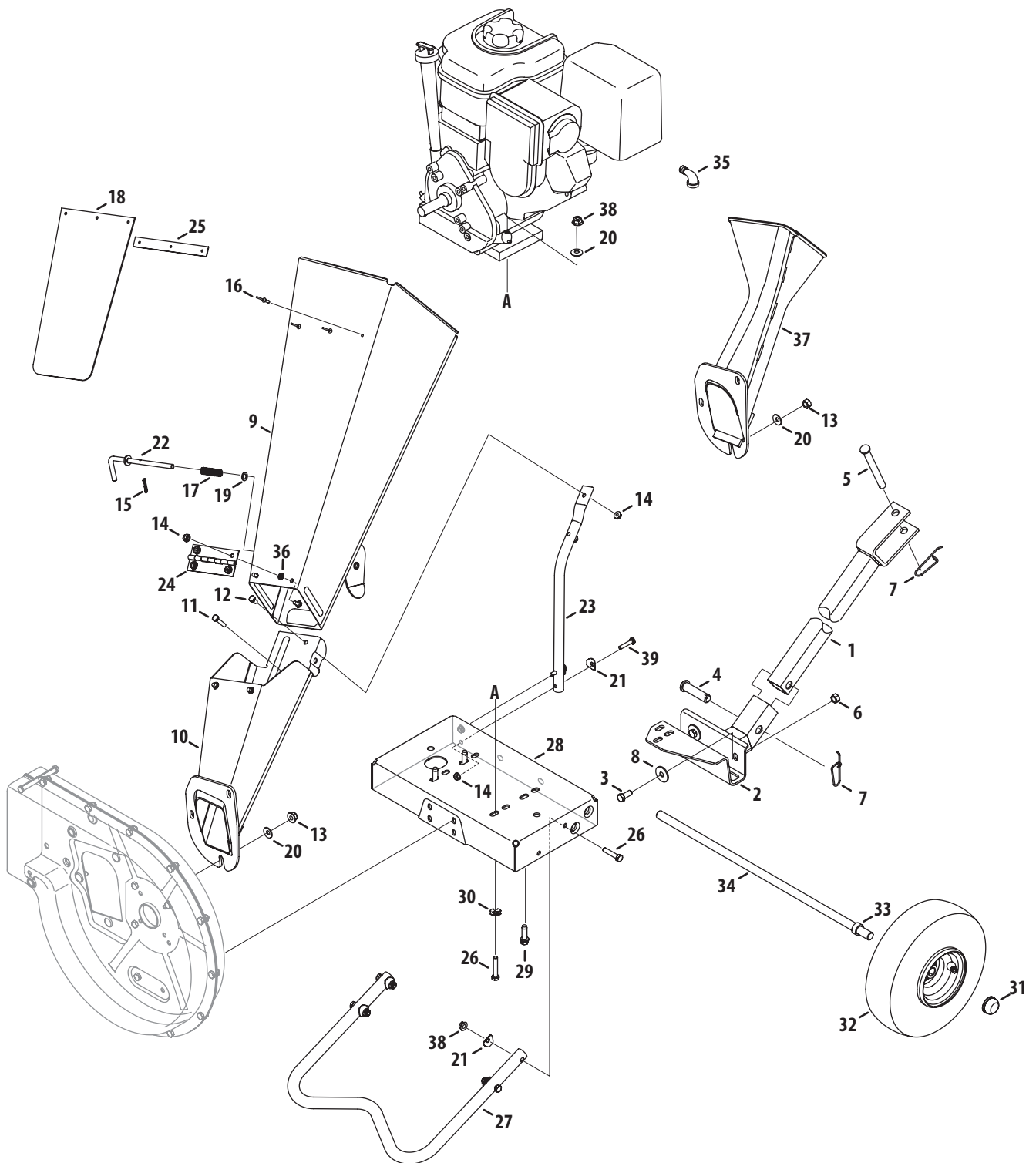
Ref No.	Part Number	Description
1	981-04094	Impeller Assembly Complete
2	710-1054	Machine Screw, 5/16-24 x 1.0
3	738-04286A	Shoulder Pin, .5 x 2.625
4	912-0411	Hex Lock Nut, 5/16-24
5	712-0266A	Nut, Jam Lock, 3/8-16
6	719-04308	Flail Blade
7	936-0119	Lock Washer, 5/16
8	942-04050	Shredder Blade
9	942-0544	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	681-04011-4021	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

Ref No.	Part Number	Description
22	738-0430†	Shoulder Screw, 3/8-16,
23	749-04103-0637	Hopper Handle
24	781-04007-4021	Shredder Plate
25	781-04027-4021	Hopper Support Bracket
26	781-04033-4021	Inlet Guide
27	681-0117-4021	Inner Flail Housing Assembly
28	681-04002-4021	Outer Flail Housing Assembly
29	710-0157	Hex Cap Screw, 5/16-24 x.75
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	681-0094-4021	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, 5/16-18
42	710-0599	TT Screw, 1/4-20 x.5

† Model Series 420

†† Model Series 410

Model Series 410 & 420



Model Series 410 & 420

Ref No.	Part Number	Description	Ref No.	Part Number	Description
1	981-0133-0637	Tongue Hitch Mount	22	947-04163†	Lock Rod
2	681-0134A-0637	Base Hitch Mount	23	749-1004-0637†	Chipper Chute Support
3	710-3001	Hex Cap Screw, 3/8-16 x.88	24	981-04032†	Chipper Chute Hinge
4	711-0299	Clevis Pin,.625 x 2.4	25	781-0633†	Chute Flap Strip
5	911-0835	Clevis Pin,.50 x 4.62	26	710-0805	Hex Cap Screw, 5/16-18 x 1.50
6	712-04065	Flange Lock Nut, 3/8-16	27	749-04104-0637	Tube Support
7	732-0194	Spring Pin	28	681-0184-4021††	Frame Assembly
8	936-0133	Flat Washer,.411 x 1.25 x 1.0		681-0183A-4021†	Frame Assembly
9	681-04006-4021†	Upper Chipper Chute Assembly	29	710-0502A	Hex Sems Screw, 3/8-16 x 1.25
10	681-04007-4021†	Lower Chipper Chute Assembly	30	936-0170	Special Lock Washer, 5/16
11	710-0106†	Hex Cap Screw, 1/4-20 x 1.25	31	726-0214	Push Cap, 5/8
12	710-3013†	Screw, 1/4-20 x .50	32	634-04009	Wheel, 10 x 4 x 4
13	912-3010	Hex Nut, 5/16-18	33	950-0786	Spacer, .64 x .88 x .38
14	712-04064†	Flange Lock Nut 1/4-20	34	738-0813	Axle, 22.47"
15	914-0104†	Cotter Pin	35	937-0195	Elbow Fitting
16	728-0175†	Pop Rivet	36	726-0233†	Push Nut,.25ID x.50OD
17	932-0306A†	Compression Spring,.531 x 1.75	37	681-0095-4021††	Chipper Chute
18	735-0249A†	Chute Flap	38	712-04063	Flange Lock Nut, 5/16-18
19	936-0140†	Flat Washer	39	710-0809	Hex Cap Screw, 1/4-20 x 1.250
20	736-0242	Bell Washer.340 ID x.872 OD	—	964-04023*	Debris Collection Bag
21	936-0451	Washer,.320 ID x.93 OD	—	723-0400*	Safety Glasses

† Model Series 420

†† Model Series 410

* Not Shown

Chipper Shredder — Model Series CS 2210

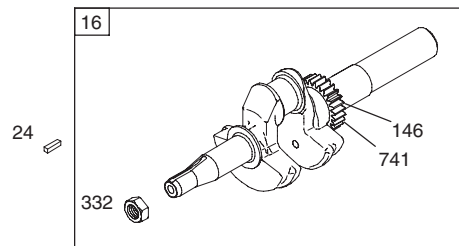
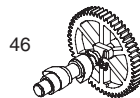
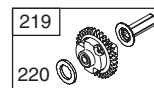
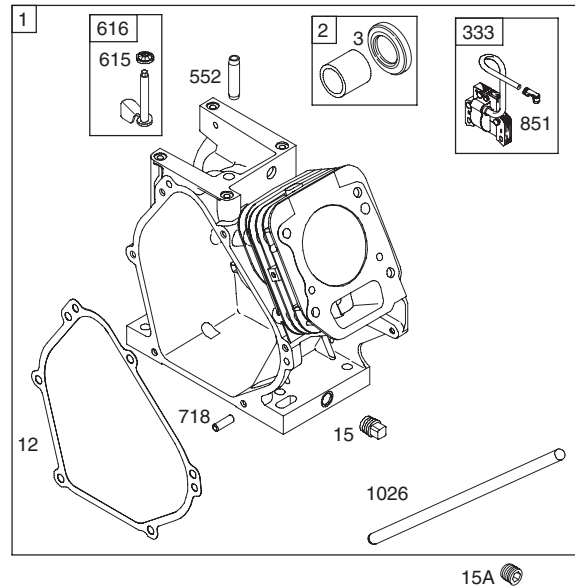
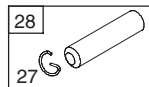
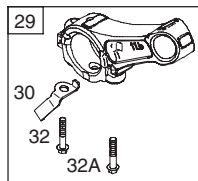
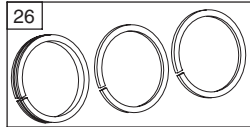
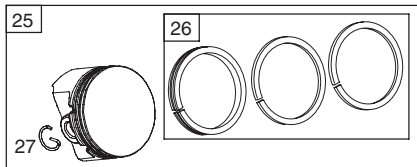
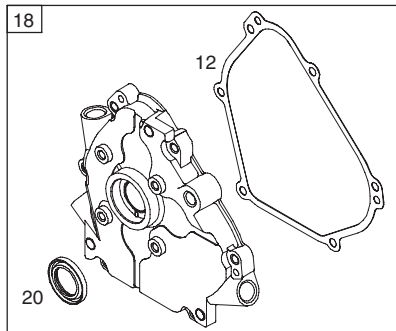
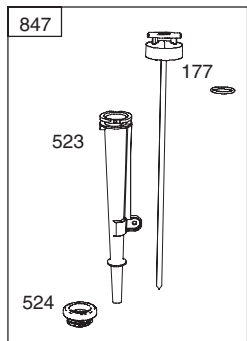
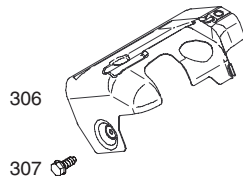
Briggs & Stratton Engine Model 121012-0739-B8

48 SHORT BLOCK

1058 OPERATOR'S MANUAL

1329 REPLACEMENT ENGINE

1330 REPAIR MANUAL



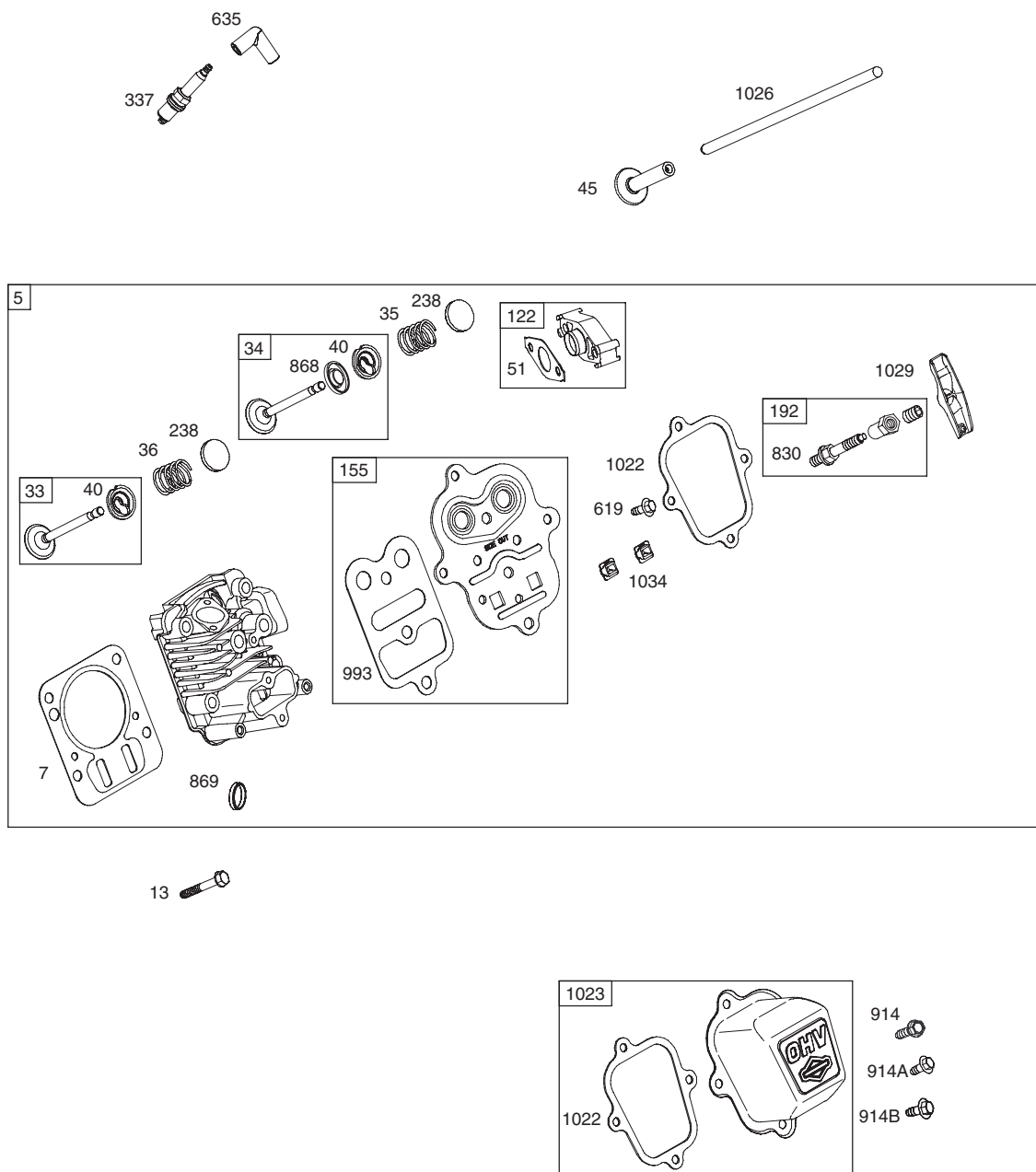
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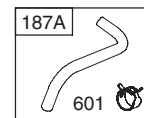
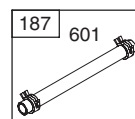
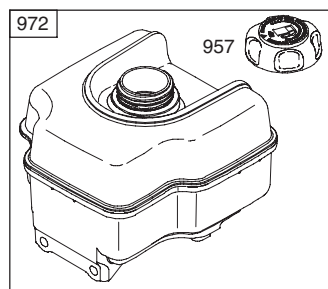
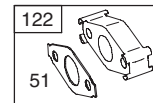
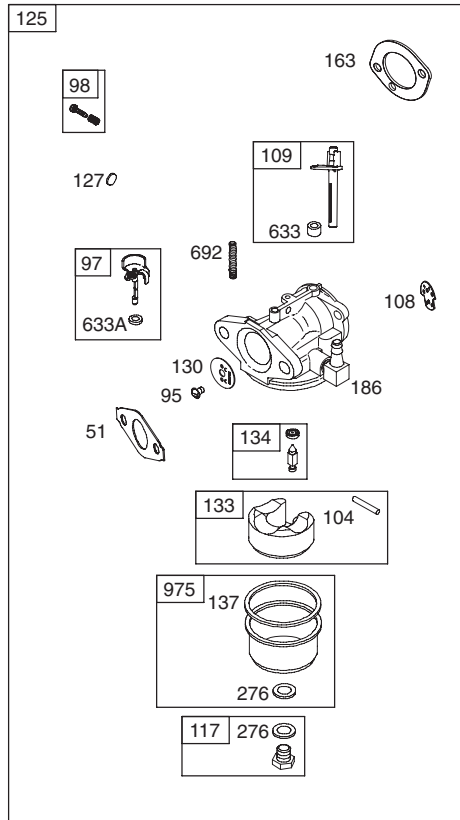
Chipper Shredder — Model Series CS 2210

Briggs & Stratton Engine Model 121012-0739-B8



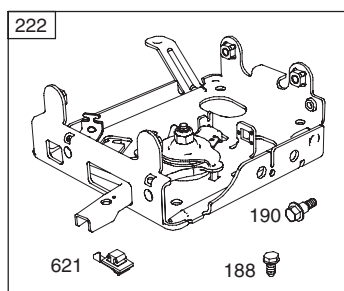
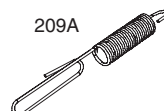
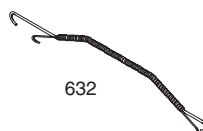
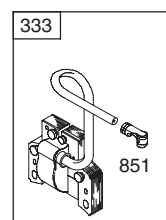
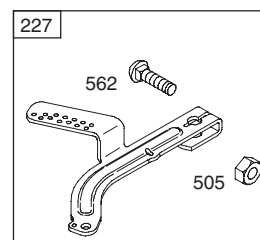
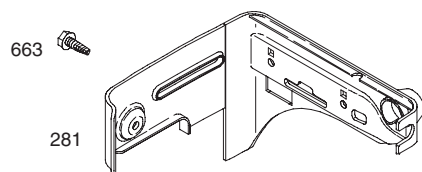
Chipper Shredder — Model Series CS 2210

Briggs & Stratton Engine Model 121012-0739-B8



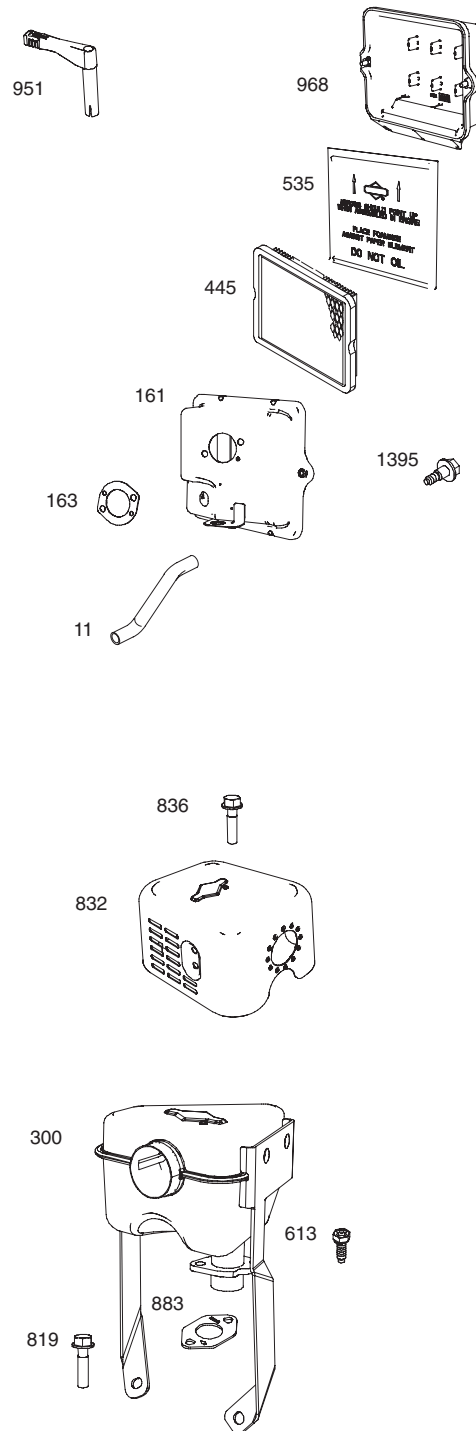
Chipper Shredder — Model Series CS 2210

Briggs & Stratton Engine Model 121012-0739-B8



Chipper Shredder — Model Series CS 2210

Briggs & Stratton Engine Model 121012-0739-B8



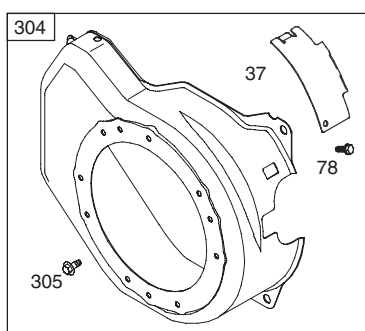
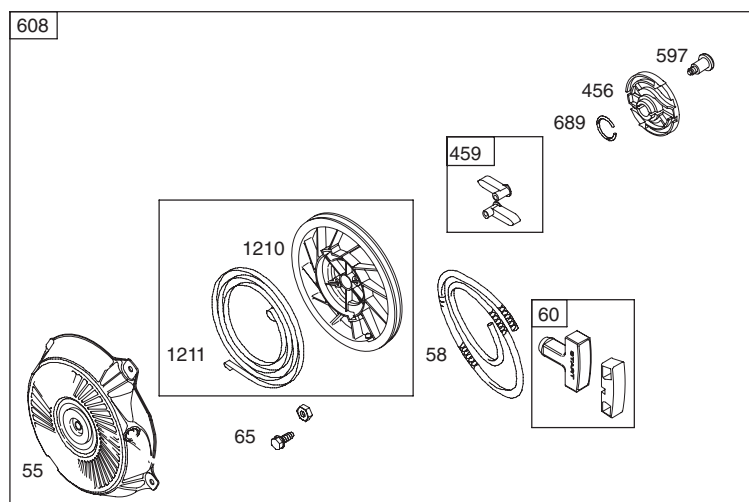
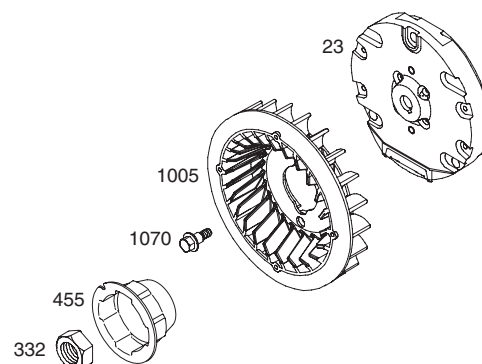
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Chipper Shredder — Model Series CS 2210

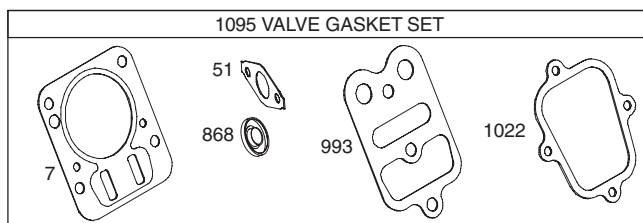
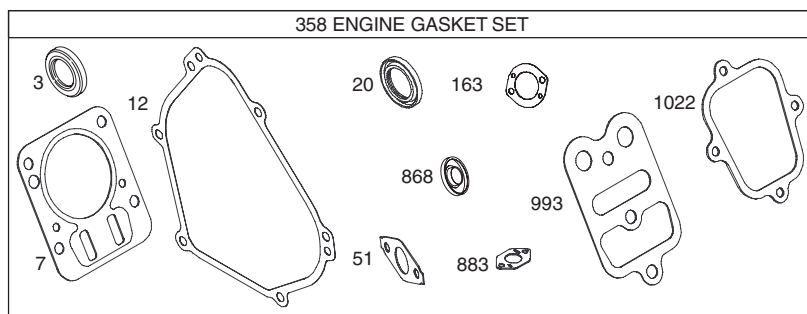
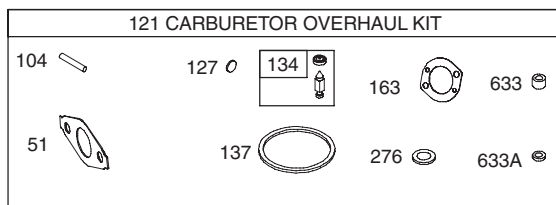
Briggs & Stratton Engine Model 121012-0739-B8



1036 EMISSIONS LABEL

Chipper Shredder — Model Series CS 2210

Briggs & Stratton Engine Model 121012-0739-B8



Chipper Shredder — Model Series CS 2210

Briggs & Stratton Engine Model 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-690024	Shaft-Throttle
7	BS-698210	Gasket-Cylinder Head	98	BS-398185	Kit-Idle Speed
11	BS-790632	Tube-Breather	104	BS-691242	Pin-Float Hinge
12	BS-699485	Gasket-Crankcase	108	BS-692567	Valve-Choke
13	BS-699482	Screw (Cylinder Head)	109	BS-790624	Shaft-Choke
15	BS-691686	Plug-Oil Drain	117	BS-690048	Jet-Main (Standard)
15A	BS-691682	Plug-Oil Drain	118	BS-497315	Jet-Main (High Altitude)
16	BS-797076	Crankshaft	121	BS-792006	Kit-Carburetor Overhaul
18	BS-699804	Cover-Crankcase	122	BS-795643	Spacer-Carburetor
20	BS-692550	Seal-Oil (PTO Side)	125	BS-698474	Carburetor
21	BS-281658s	Cap-Oil Fill	127	BS-691739	Plug-Welch
22	BS-699478	Screw (Crankcase Cover/Sump)	130	BS-691181	Valve-Throttle
23	BS-699488	Flywheel	133	BS-398187	Float-Carburetor
24	BS-222698s	Key-Flywheel	134	BS-398188	Kit-Needle/Seat
25	BS-795429	Piston Assembly (Standard)	137	BS-693981	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	177	BS-691031	Seal-O Ring (Dipstick)
29	BS-690124	Rod-Connecting	186	BS-692317	Hose-Connector
30	BS-791584	Dipper-Connecting Rod	187	751-10349-16	Line-Fuel (Cut to Required Length)
32	BS-691664	Screw (Connecting Rod) (Short)	187A	BS-791874	Line-Fuel (Formed)
32A	BS-695759	Screw (Connecting Rod) (Long)	188	BS-699479	Screw (Control Bracket)
33	BS-499642	Valve-Exhaust	190	BS-699220	Screw (Fuel Tank)
34	BS-795443	Valve-Intake	192	BS-797440	Adjuster-Rocker Arm
35	BS-691304	Spring-Valve (Intake)	209	BS-691278	Spring-Governor (Platinum)
36	BS-691304	Spring-Valve (Exhaust)	209	BS-692571	Spring-Governor (# 5 Hole)
37	BS-699661	Guard-Flywheel	219	BS-693578	Gear-Governor
40	BS-692194	Retainer-Valve	220	BS-691724	Washer (Governor Gear)
45	BS-690977	Tappet-Valve	222	BS-793107	Bracket-Control
46	BS-693404	Camshaft	227	BS-794367	Lever-Governor Control
48	BS-699581	Short Block	238	BS-691300	Cap-Valve
51	BS-692555	Gasket-Intake	276	BS-271716	Washer-Sealing
55	BS-791848	Housing-Rewind Starter	281	BS-793122	Panel-Control
58	BS-693389	Rope-Starter	287	BS-699629	Screw (Dipstick Tube)

Chipper Shredder — Model Series CS 2210

Briggs & Stratton Engine Model 121012-0739-B8

Ref.	Part Number	Description	Ref.	Part Number	Description
300	BS-791595	Muffler	741	BS-695087	Gear-Timing
304	BS-699598	Housing-Blower	742	BS-692564	Retainer-E Ring
305	BS-699481	Screw (Blower Housing)	746	BS-790278	Gear-Idler
306	BS-795334	Shield-Cylinder	819	BS-699233	Screw (Muffler Bracket)
307	BS-699483	Screw (Cylinder Shield)	830	BS-797441	Stud-Rocker Arm
332	BS-792723	Nut (Flywheel)	832	BS-796240	Guard-Muffler
333	BS-796964	Armature-Magneto	836	BS-699755	Screw (Muffler Guard)
334	BS-699477	Screw (Magneto Armature)	847	BS-693617	Dipstick/Tube Assembly
337	759-3336	Plug-Spark	851	BS-493880s	Terminal-Spark Plug
356	BS-695814	Wire-Stop	868	BS-795440	Seal-Valve
358	BS-791797	Gasket Set-Engine	869	BS-691115	Seat-Valve
365	BS-699484	Screw (Carburetor)	883	BS-691893	Gasket-Exhaust
445	BS-491588s	Filter-Air Cleaner Cartridge	914	BS-699481	Screw (Rocker Cover) (Bottom)
455	BS-692591	Cup-Flywheel	914A	BS-692557	Screw (Rocker Cover) (Top)
456	BS-692299	Plate-Pawl Friction	914B	BS-697551	Screw (Rocker Cover) (Side)
459	BS-281505s	Pawl-Ratchet	951	BS-790630	Lever-Choke
505	BS-691251	Nut (Governor Control Lever)	957	BS-795027	Cap-Fuel Tank
523	BS-693618	Dipstick	968	BS-791082	Cover-Air Cleaner
524	BS-281370s	Seal-Dipstick Tube	972	BS-697779	Tank-Fuel
535	BS-493537s	Filter-Air Cleaner Foam	975	BS-790559	Bowl-Fuel
552	BS-231078	Bushing-Governor Crank	993	BS-694088	Gasket-Cylinder Head Plate
562	BS-691119	Bolt (Governor Control Lever)	1005	BS-692592	Fan-Flywheel
597	BS-691696	Screw (Pawl Friction Plate)	1022	BS-691890	Gasket-Rocker Cover
601	BS-791850	Clamp-Hose (Green)	1023	BS-499924	Cover-Rocker
608	BS-795930	Starter-Rewind	1026	BS-790287	Rod-Push
613	BS-791972	Screw (Muffler)	1029	BS-797443	Arm-Rocker
615	BS-692576	Retainer-Governor Shaft	1034	BS-691343	Guide-Push Rod
616	BS-692547	Crank-Governor	1036		Label-Emissions (Auth. B&S Dealer)
619	BS-699230	Screw (Cylinder Head Plate)	1058	BS-277040	Operator's Manual
621	BS-692310	Switch-Stop (Brake)	1070	BS-699201	Screw (Flywheel Fan)
632	BS-693408	Spring/Link-Mechanical Governor	1095	BS-791798	Gasket Set-Valve
633	BS-693867	Seal-Choke/Throttle Shaft	1210	BS-791849	Pulley/Spring Assembly (Pulley)
635	BS-692076	Boot-Spark Plug	1011	BS-791849	Pulley/Spring Assembly (Spring)
663	BS-699206	Screw (Control Panel)	1329	122012-0528-B1	
689	BS-691855	Spring-Friction	1330	BS-276781	Repair Manual
692	BS-690572	Spring-Detent	1395	BS-690370	Screw (Air Cleaner Base)
718	BS-690959	Pin-Locating			

Chipper Shredder — Model Series CS 3210

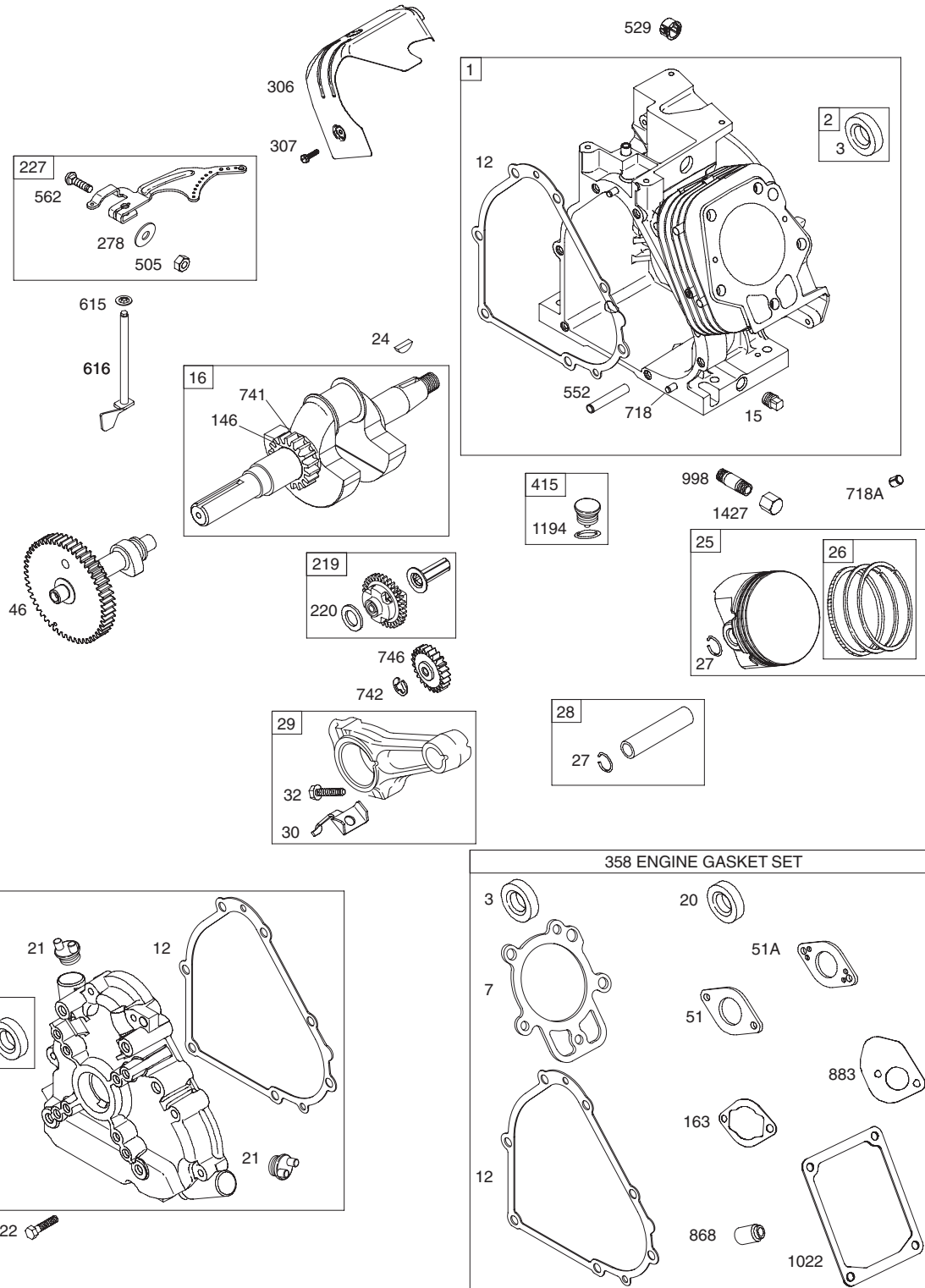
Briggs & Stratton Engine Model 204312-0529-B1

1058 OPERATOR'S MANUAL

48 SHORT BLOCK

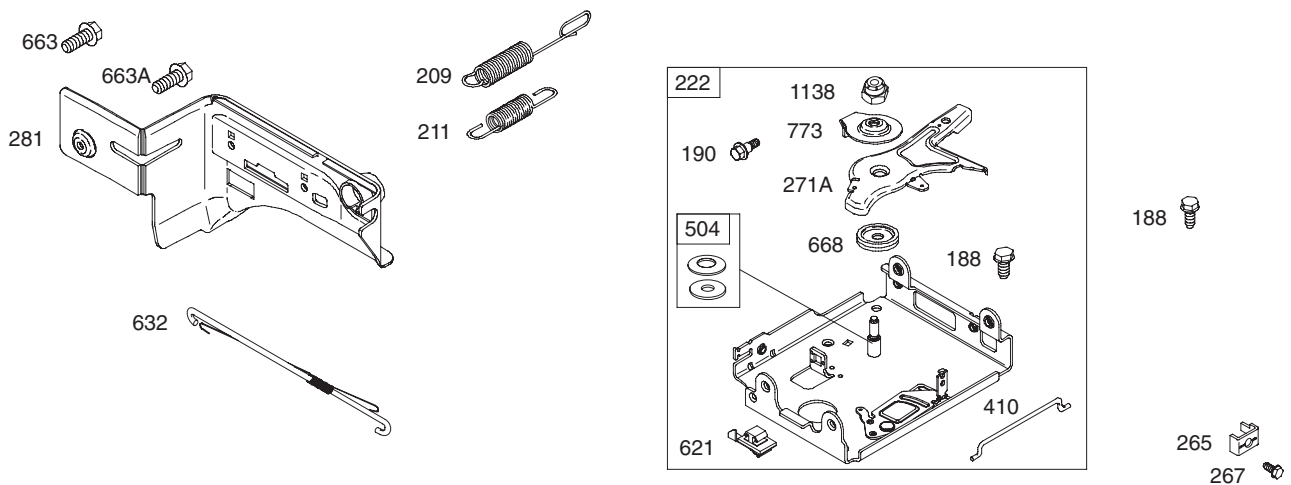
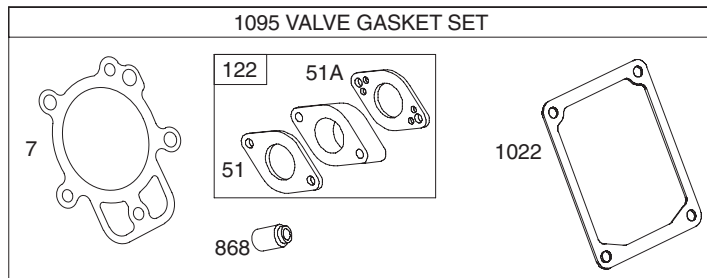
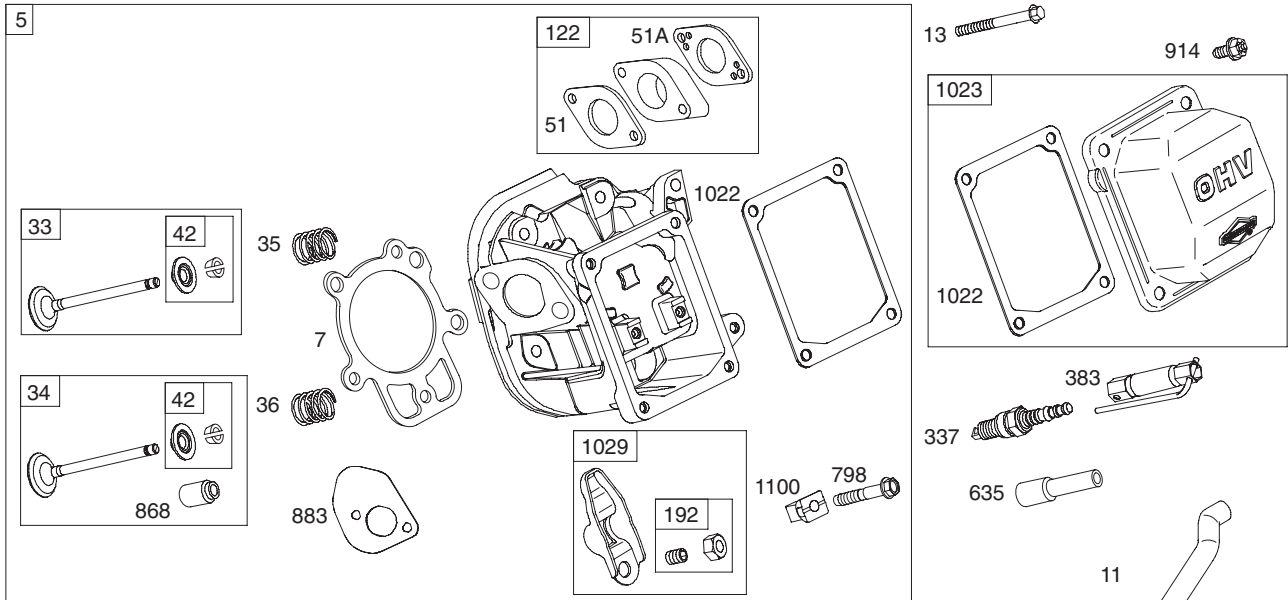
1329 REPLACEMENT ENGINE

1330 REPAIR MANUAL



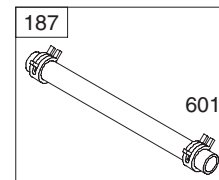
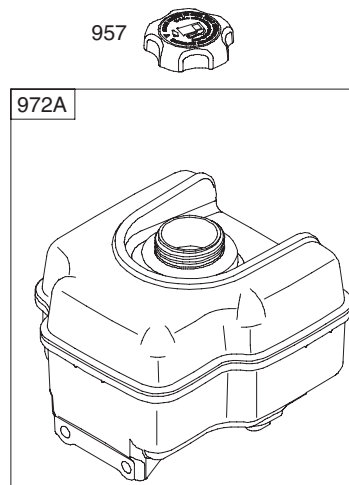
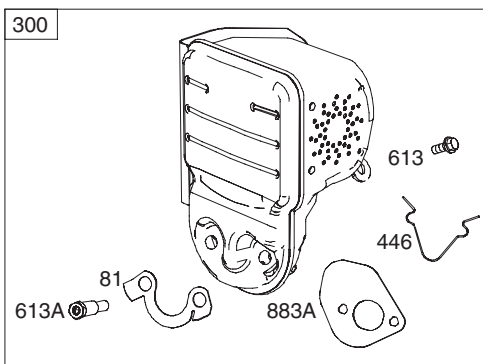
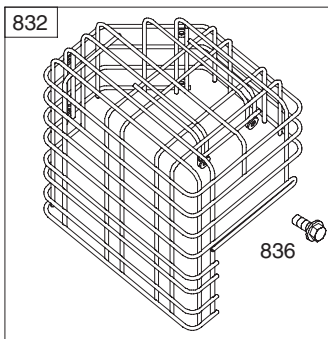
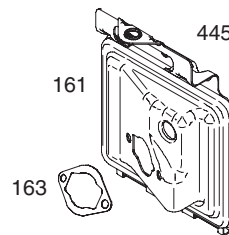
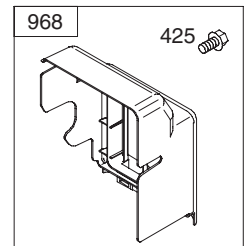
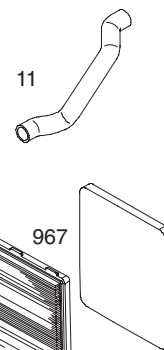
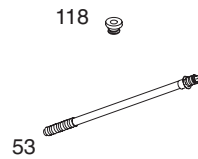
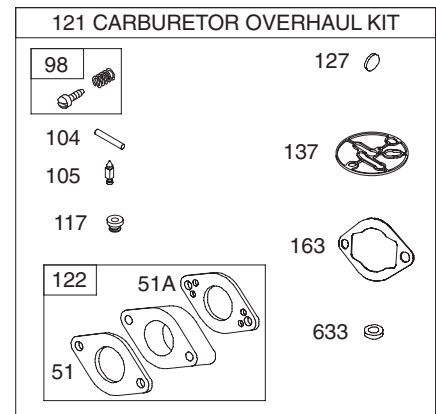
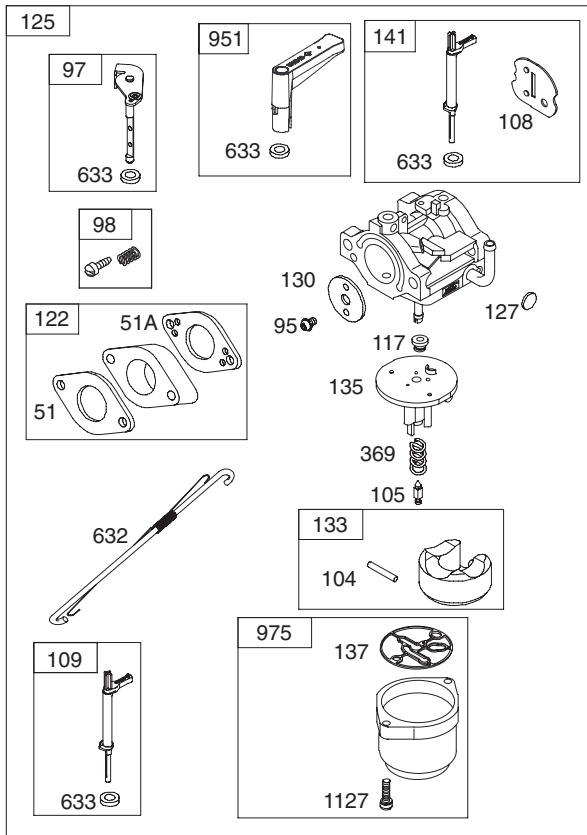
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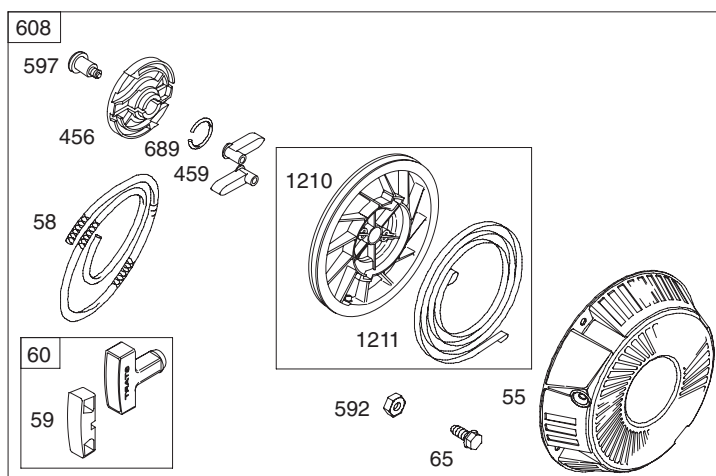
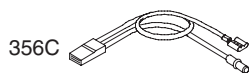
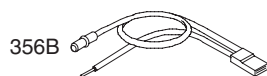
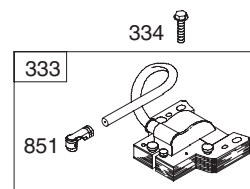
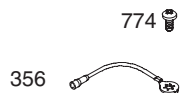
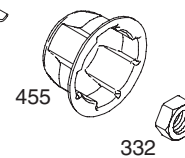
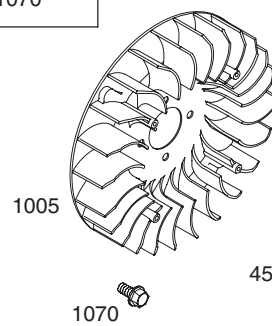
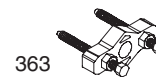
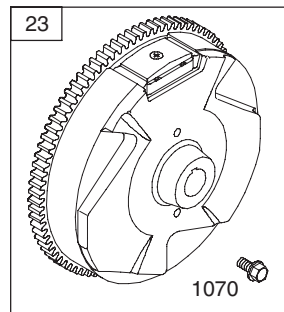
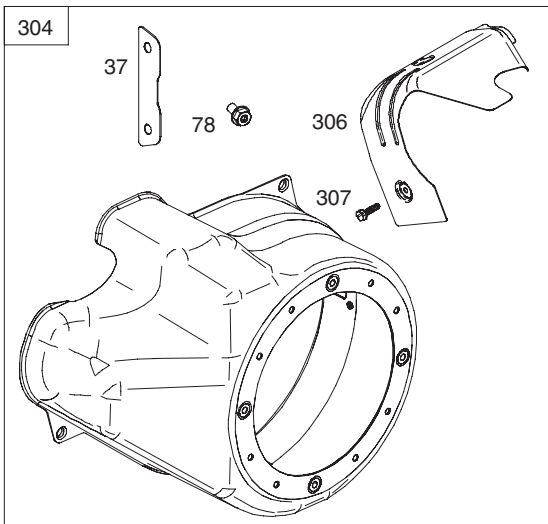
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Chipper Shredder — Model Series CS 3210

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Chipper Shredder — Model Series CS 3210

Briggs & Stratton Engine Model 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

Chipper Shredder — Model Series CS 3210

Briggs & Stratton Engine Model 204312-0529-B1

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

[illegible]

[illegible]

[illegible]



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