

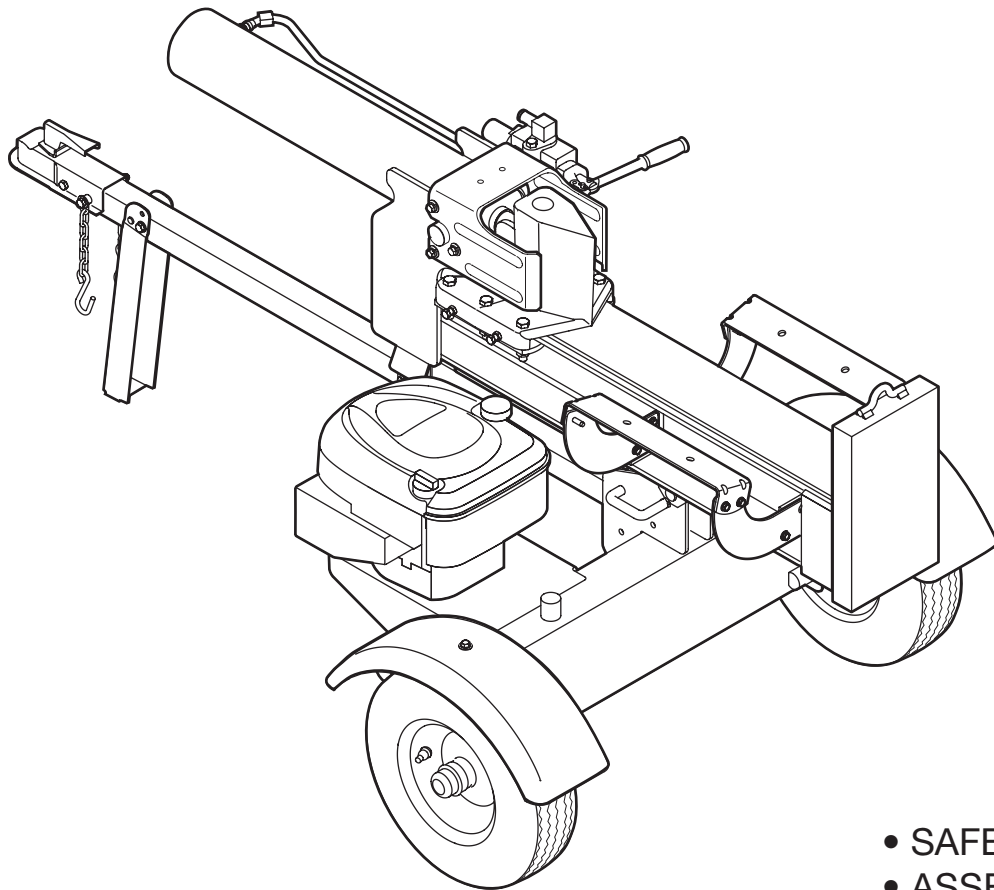
Operator's Manual

CRAFTSMAN®

675 Series

LOG SPLITTER

Model No. 247.77641



CAUTION: Before using this product, read this manual and follow all safety rules and operating instructions.

- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE
- PARTS LIST
- Español

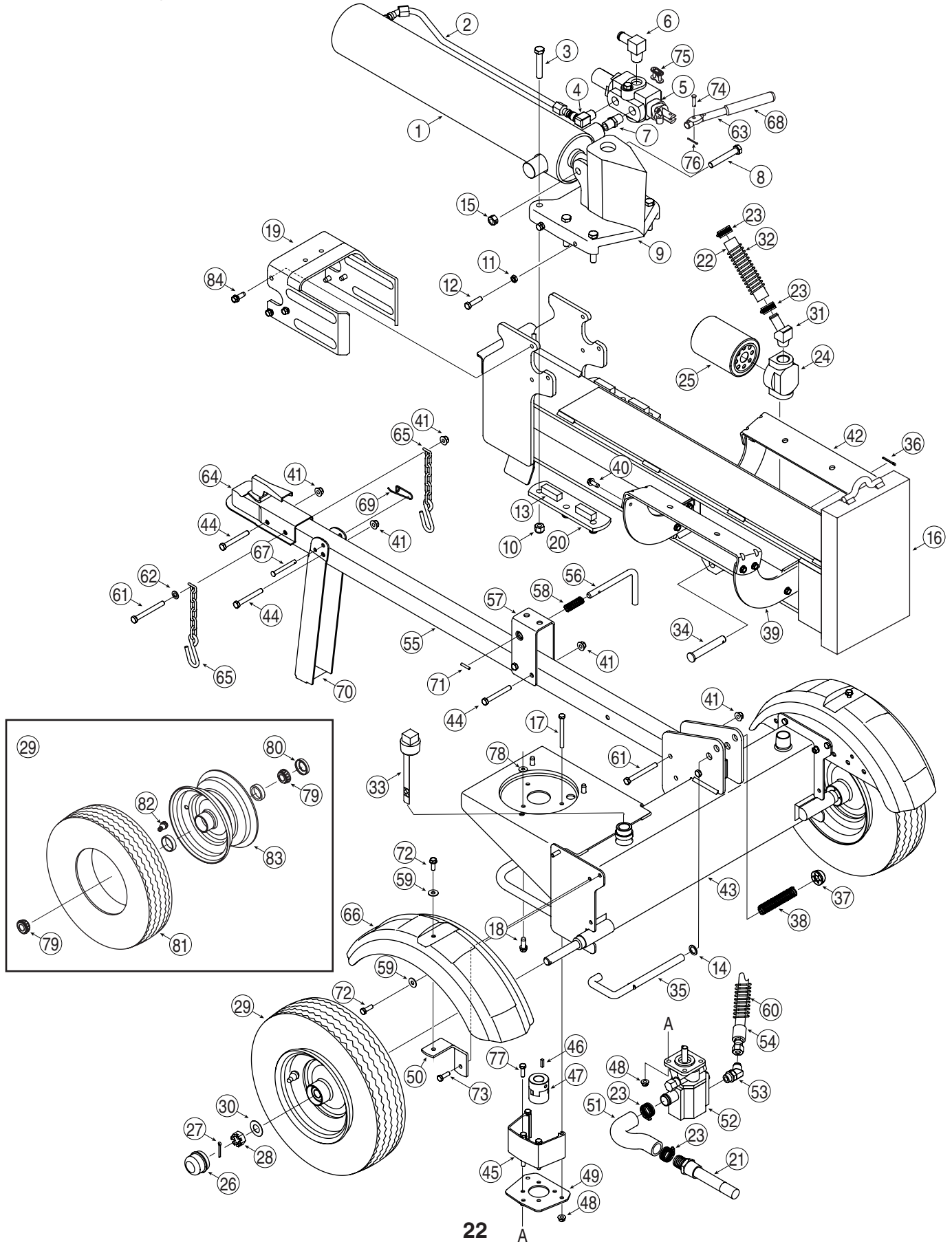
Sears Brands Management Corporation, Hoffman Estates, IL 60179, U.S.A.

Visit our website: www.craftsman.com

FORM NO. 769-05240A
6/11/2010

PARTS LIST

Craftsman Log Splitter Model 247.77641



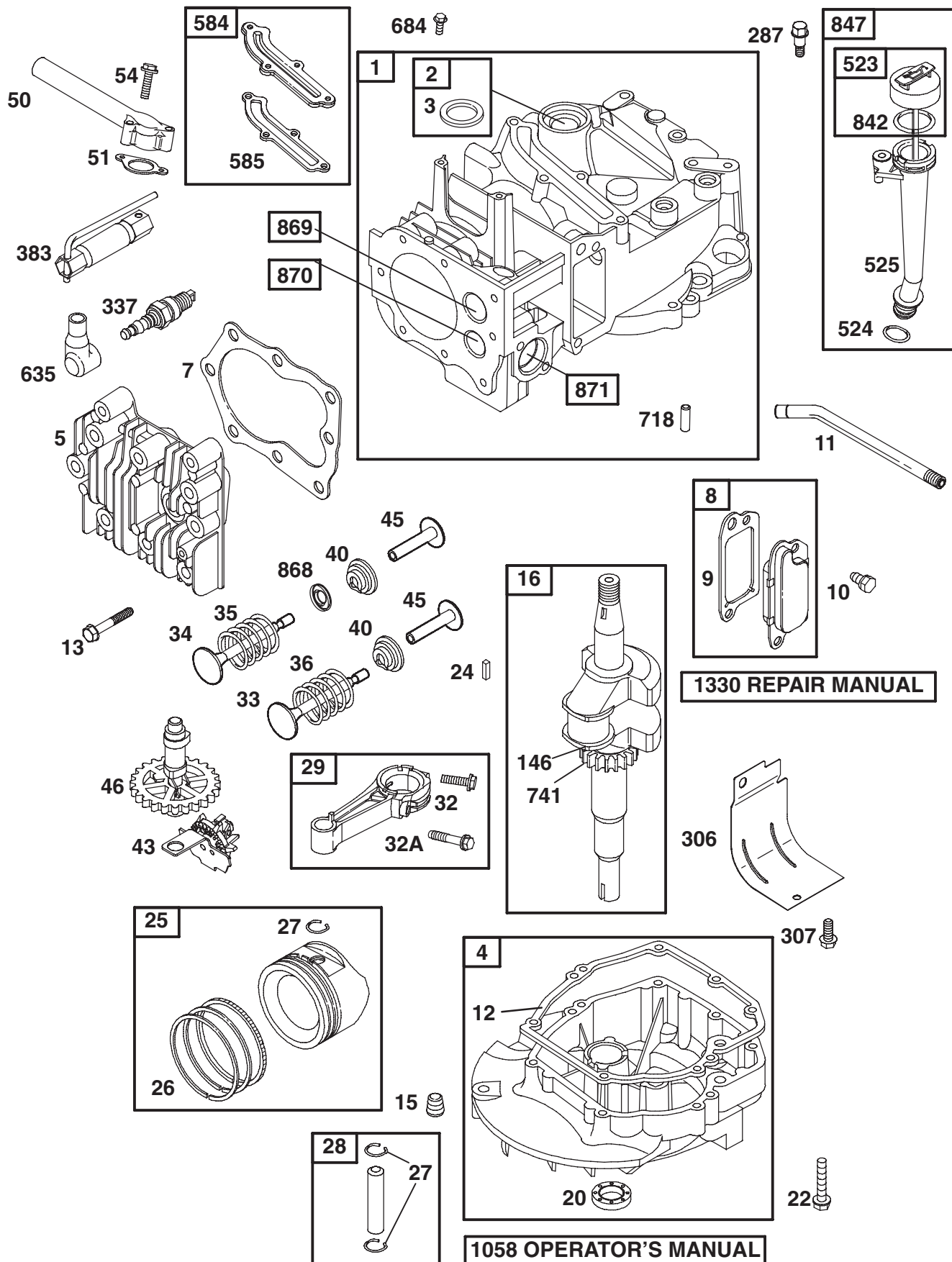
Craftsman Log Splitter Model 247.77641

Ref. No.	Part No.	Description
1.	918-0769A	Hydraulic Cylinder
2.	727-04166	Hydraulic Tube
3.	710-1018	Hex Cap Screw 1/2-20 x 2.75
4.	737-0192	90 Degree Solid Adapter
5.	918-0481A	Control Valve
6.	737-0153	Return Elbow
7.	737-0238	Nipple Pipe 1/2-14
8.	710-1806	Hex Cap Screw 1/2-13 x 3.25
9.	719-0550A	Wedge Assembly
10.	912-3058	Hex Lock Nut, 1/2-20
11.	712-0711	Hex Jam Nut 3/8-24
12.	710-0459A	Hex Cap Screw 3/8-24 x 1.5
13.	781-0351	Adjustable Gib
14.	936-0116	Flat Washer.635 x.93 x.06
15.	712-3022	Hex Lock Nut 1/2-13
16.	681-04071A-0637	Beam Assembly
17.	710-3056	Hex Screw, 5/16-18 x 3.25
18.	710-0502A	Hex Washer Screw 3/8-16 x 1.250
19.	781-04426-4044	Dislodger Bracket
20.	781-0790-0637	Back Plate
21.	737-04093	Inlet Filter
22.	727-0443	Return Hose 3/4" ID x 44" Lg.
23.	726-0132	Hose Clamp 5/8"
24.	737-0316	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.	634-0186	Wheel Assembly
30.	936-0351	Flat Washer.760 ID x.500 OD
31.	737-0312	Adapter 3/4-14
32.	781-0526A	Hose Guard
33.	737-0348A	Vented Dipstick
34.	711-1587	Clevis Pin
35.	781-0690	Lock Rod
36.	914-0470	Cotter Pin
37.	726-0214	Push Cap
38.	732-0583	Compression Spring
39.	781-04180-0637	Log Tray Bracket
40.	710-04484	Hex Washer Screw, 5/16-18 x .750
41.	712-04065	Flange Lock Nut, 3/8-16
42.	781-04179-0637	Log Tray
43.	981-04040A-0637	Frame Assembly
44.	710-0521	Hex Bolt 3/8-16 x 3

Ref. No.	Part No.	Description
45.	719-0353	Coupling Shield
46.	914-0122	Square Key 3/16" x.75
47.	710-1842	Screw, 1/4-20 x .38
—	718-04392	Coupling, .500
—	718-04395	Coupling, .875
—	735-04103	Spider Coupling
48.	712-04063	Flange Lock Nut, 5/16-18
49.	781-0097-0637	Rear Coupling Support Bracket
50.	781-1024A-0637	Fender Mounting Bracket
51.	727-04130	Hose
52.	918-04127	Gear Pump
53.	737-0329	45 Degree Elbow Fitting
54.	727-0502	High Pressure Hydraulic Hose
55.	781-0788-0637	Tongue Assembly
56.	747-1261	Latch Rod
57.	781-1045-0637	Latch
58.	932-3127	Compression Spring
59.	736-0371	Flat Washer
60.	781-0538A	Hose Guard
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.	731-2496A	Fender
67.	911-0813	Clevis Pin
68.	720-04088	Grip
69.	732-0194	Spring Pin
70.	781-0789-0637	Jack Stand
71.	915-0120	Spiral Pin
72.	710-0650	TT Screw, 5/16-18 x 0.875"
73.	710-0602	TT Screw, 5/16-18 x 1.00
74.	711-04585	Clevis Pin
75.	913-04036	Valve Handle Link
76.	914-0111	Cotter Pin
77.	710-0376	Hex Screw, 5/16-18 x 1.00
78.	736-3010	Flat Washer, .407 x .812 x .135
79.	941-0987	Roller Bearing
80.	921-0168	Dust Seal
81.	734-0872	Tire, 16 x 4.8 x 8.0
82.	934-0255	Tubeless Air Valve
83.	634-0188	Rim Assembly
84.	710-04683	Hex Washer Screw, 3/8-16 x 1.000

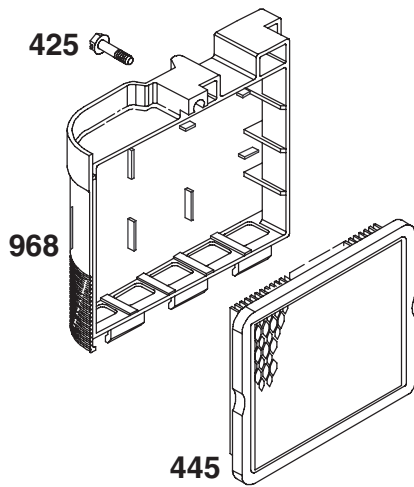
PARTS LIST

Briggs & Stratton Engine Model 126L02 For Craftsman Log Splitter Model 247.77641

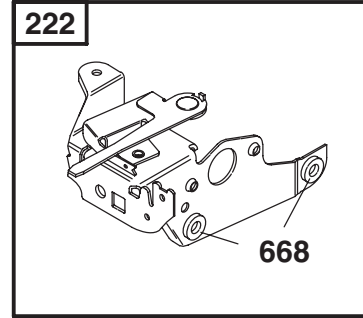
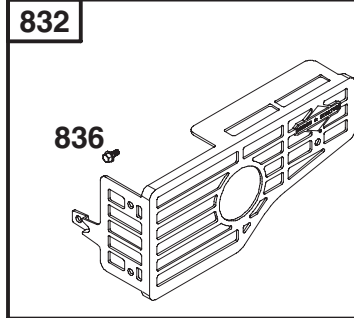


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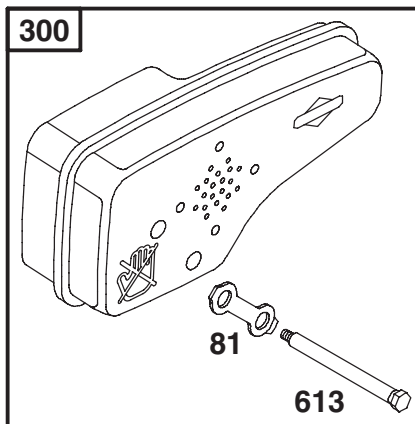
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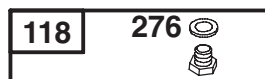
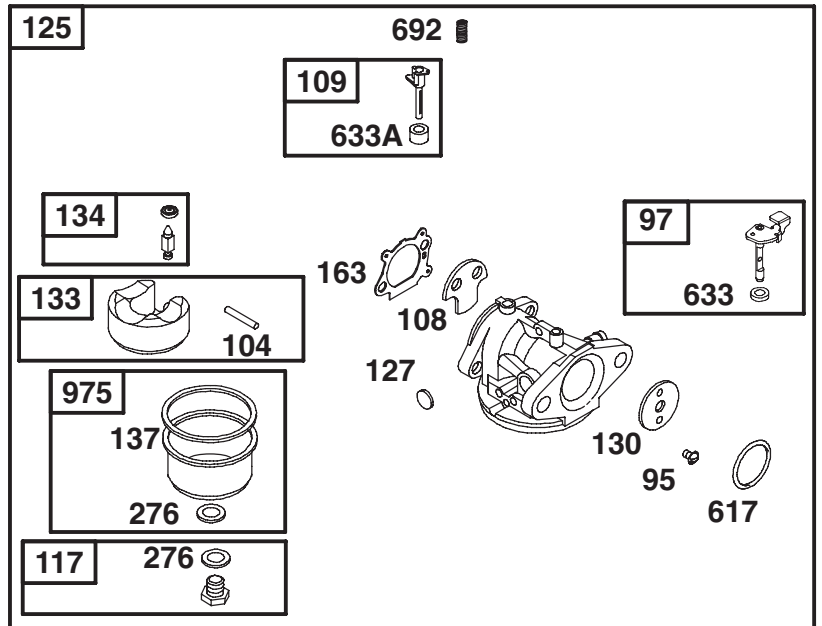
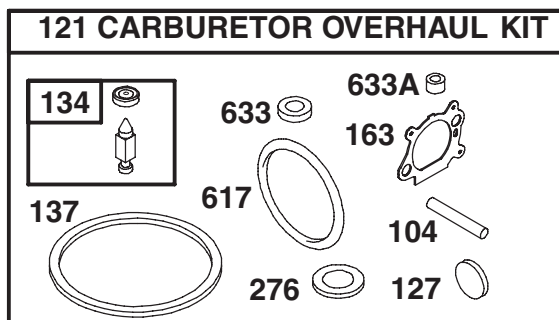
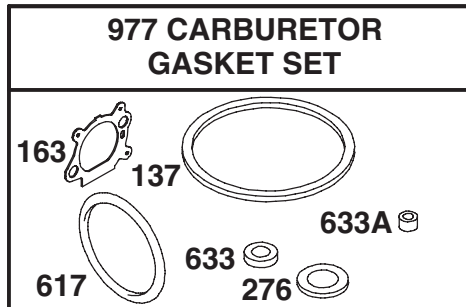
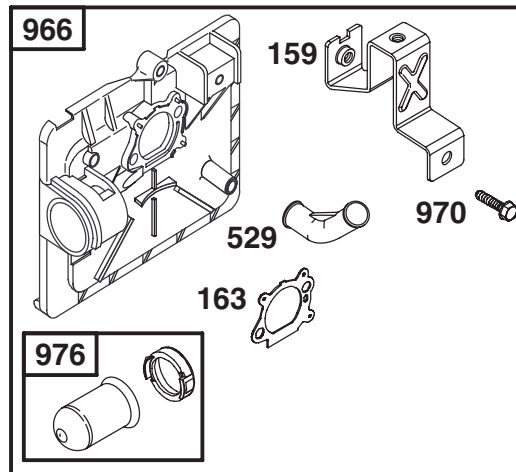
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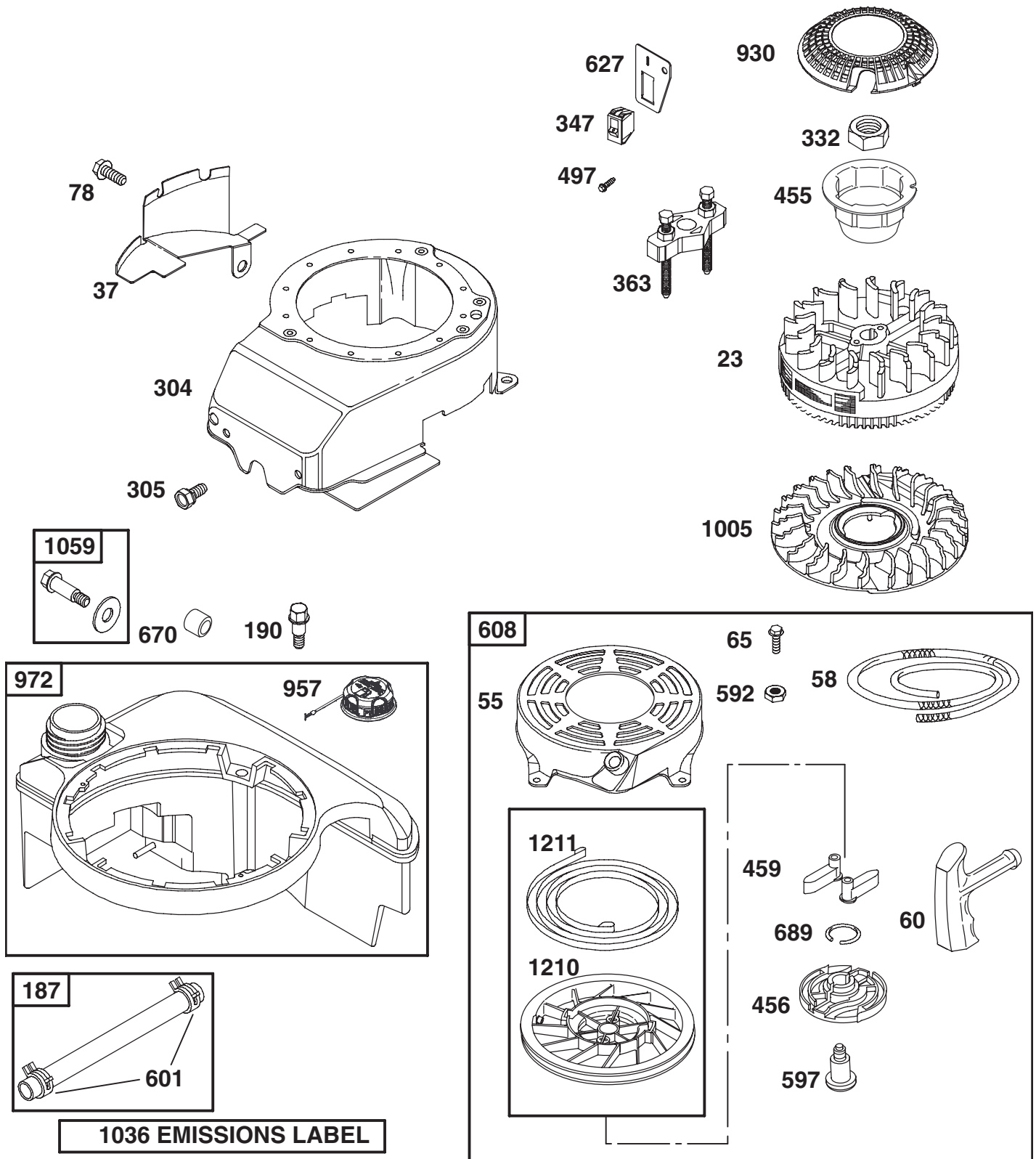


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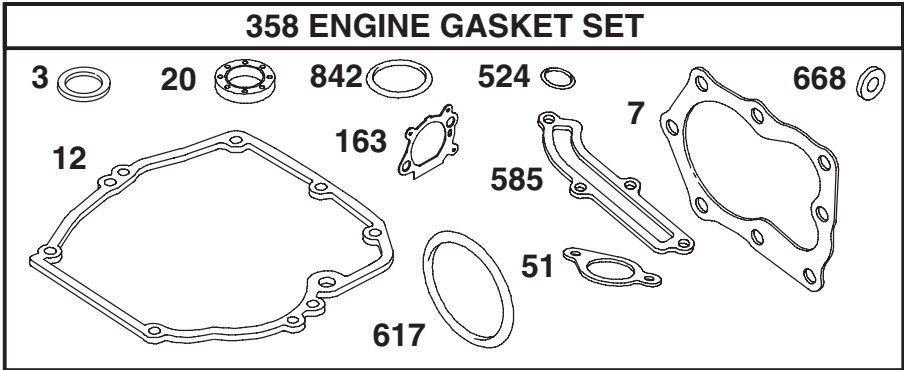
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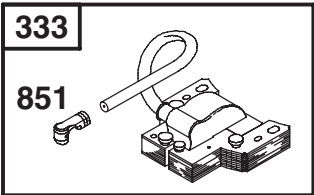
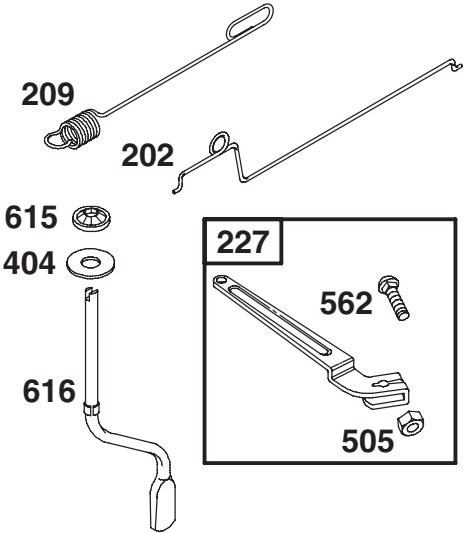
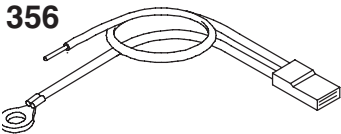
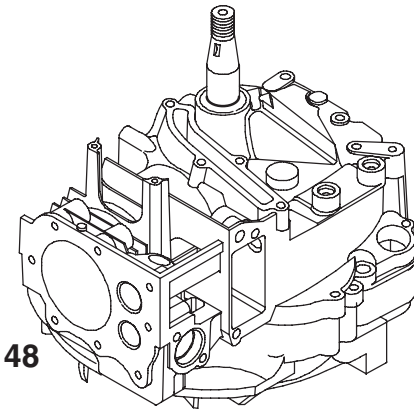


PARTS LIST

Briggs & Stratton Engine Model 126L02 For Craftsman Log Splitter Model 247.77641



1329 REPLACEMENT ENGINE



PARTS LIST

Briggs & Stratton Engine Model 126L02 For Craftsman Log Splitter Model 247.77641

Ref.No.	PartNo.	Description
1.	BS-697322	Cylinder Assembly
2.	BS-399269	Bushing/Seal Kit
3.	BS-299819S †	Oil Seal (Magneto Side)
4.	BS-493279	Engine Sump
5.	BS-691160	Cylinder Head
7.	BS-692249 †	Cylinder Head Gasket
8.	BS-695250	Breather Assembly
9.	BS-699125	Breather Gasket
10.	BS-691125	Screw (Breather Assembly)
11.	BS-691781	Breather Tube
12.	BS-692232 †	Crankcase Gasket
13.	BS-690912	Screw (Cylinder Head)
15.	BS-691680	Oil Drain Plug
16.	BS-691455	Crankshaft
20.	BS-399781S †	Oil Seal (PTO Side)
22.	BS-691092	Screw (Engine Sump)
23.	BS-691992	Flywheel
24.	BS-222698S	Flywheel Key
25.	BS-791097	Piston Assembly (Standard)
—	BS-791326	Piston Assembly (.020" Oversize)
26.	BS-791098	Piston Ring Set(Standard)
—	BS-791324	Piston Ring Set (.020" Oversize)
27.	BS-691866	Piston Pin Lock
28.	BS-499423	Piston pin
29.	BS-499424	Connecting Rod
32.	BS-691664	Screw (Connecting Rod)
32A.	BS-695759	Screw (Connecting Rod)
33.	BS-262651S	Exhaust Valve
34.	BS-262652S	Intake Valve
35.	BS-691270	Valve Spring (Intake)
36.	BS-691270	Valve Spring (Exhaust)
37.	BS-694086	Flywheel Guard
40.	BS-692194	Valve Retainer
43.	BS-691997	Governor/Oil Slinger
45.	BS-690548	Valve Tappet
46.	BS-691449	Camshaft
48.	BS-792740	Short Block
50.	BS-794305	Intake Manifold
51.	BS-794306 †	Intake Gasket
54.	BS-691650	Screw (Intake Manifold)
55.	BS-691421	Rewind Starter Housing

Ref.No.	PartNo.	Description
58.	BS-697316	Starter Rope (Cut to Req'd Length)
60.	BS-281434S	Starter Rope Grip
65.	BS-690837	Screw (Rewind Starter)
78.	BS-691108	Screw (Flywheel Guard)
81.	BS-691740	Muffler Screw Lock
95.	BS-691636	Screw (Throttle Valve)
97.	BS-696565	Throttle Shaft
104.	BS-691242 ††	Float Hinge Pin
108.	BS-691182	Choke Valve
109.	BS-498593	Choke Shaft
117.	BS-498981	Main Jet (Standard)
118.	BS-498978	Main Jet (High Altitude)
121.	BS-498260	Carburetor Overhaul Kit
125.	BS-792253	Carburetor
127.	BS-694468 ††	Welch Plug
130.	BS-696564	Throttle Valve
133.	BS-398187	Carburetor Float
134.	BS-398188 ††	Needle/Seat Valve
137.	BS-693981 ††*	Float Bowl Gasket
163.	BS-795629 †††	Air Cleaner Gasket
187.	BS-791891	Fuel Line (Cut to Required Length)
188.	BS-693399	Screw (Control Bracket)
190.	BS-690940	Screw (Fuel Tank)
202.	BS-691829	Mechanical Governor Link
209.	BS-691291	Governor Spring
222.	BS-692982	Control Bracket
227.	BS-690783	Governor Control Lever
240.	BS-298090S	Fuel Filter
276.	BS-271716 ††*	Sealing Washer
287.	BS-690940	Screw (Dipstick Tube)
300.	BS-692038	Muffler
304.	BS-493294	Blower Housing
305.	BS-691108	Screw (Blower Housing)
306.	BS-690450	Cylinder Shield
307.	BS-690345	Screw (Cylinder Shield)
332.	712-0318	Nut (Flywheel)
333.	BS-695711	Magneto Armature
334.	BS-691061	Screw (Armature Magneto)
337.	759-3338	Spark Plug
339.	BS-794797	Tube/Connector Assembly

PARTS LIST

Briggs & Stratton Engine Model 126L02 For Craftsman Log Splitter Model 247.77641

Ref.No.	PartNo.	Description
347.	BS-691396	Rocker Switch
356.	BS-693010	Stop Wire
358.	BS-794307	Engine Gasket Set
363.	BS-19069	Flywheel Puller
365.	BS-692524	Screw (Carburetor)
383.	BS-89838S	Spark Plug Wrench
404.	BS-690272	Washer (Governor Crank)
425.	BS-690670	Screw (Air Cleaner Cover)
443.	BS-692523	Screw (Air Cleaner Primer Base)
445.	BS-491588S	Air Cleaner Cartridge Filter
455.	BS-791960	Flywheel Cup
456.	BS-692299	Pawl Friction Plate
459.	BS-281505S	Ratchet Pawl
497.	BS-690664	Screw (Stopswitch)
505.	BS-691251	Nut (Governor Control Lever)
523.	BS-499621	Dipstick
524.	BS-692296 †	Dipstick Tube Seal
525.	BS-495265	Dipstick Tube
529.	BS-691923	Grommet
562.	BS-92613	Bolt (Governor Control Lever)
564.	BS-690351	Screw (Control Cover)
584.	BS-697734	Breather Passage Cover
585.	BS-691879 †	Breather Passage Gasket
592.	712-0349	Nut (Rewind Starter)
597.	BS-691696	Screw (Pawl Friction Plate)
601.	BS-791850	Hose Clamp
604.	BS-794794	Control Cover
608.	BS-497680	Rewind Starter
613.	BS-691340	Screw (Muffler)
615.	BS-690340	Governor Shaft Retainer
616.	BS-698801	Governor Crank
617.	BS-270344S †††	O-Ring Seal (Intake Manifold)
627.	BS-792565	Stopswitch Bracket
633.	BS-691321 ††*	Choke/Throttle Shaft Seal

Ref.No.	PartNo.	Description
633A.	BS-693867 ††*	Choke/Throttle Shaft Seal
635.	BS-66538S	Spark Plug Boot
668.	BS-493823	Spacer
670.	BS-692294	Fuel Tank Spacer
684.	BS-690345	Screw (Breather Passage Cover)
689.	BS-691855	Friction Spring
692.	BS-690579	Detent Spring
718.	BS-690959	Locating Pin
741.	BS-790345	Timing Gear
832.	BS-499034	Muffler Guard
836.	BS-690664	Screw (Muffler Guard)
842.	BS-691031 †	O-Ring Seal (Dipstick Tube)
843.	BS-691895	Lever Sleeve
847.	BS-692047	Dipstick/Tube Assembly
851.	BS-493880S	Spark Plug Terminal
868.	BS-697338	Valve Seal
869.	BS-691155	Valve Seat (Intake)
870.	BS-690380	Valve Seat (Exhaust)
871.	BS-262001	Guide Bushing (Exhaust)
—	BS-63709	Guide Bushing (Intake)
930.	BS-691919	Rewind Guard
957.	BS-794793	Fuel Tank Cap
966.	BS-794798	Air Cleaner Primer Base
968.	BS-692298	Air Cleaner Cover
972.	BS-794792	Fuel Tank
975.	BS-796611	Float Bowl
977.	BS-498260	Carburetor Gasket Set
1005.	BS-691346	Flywheel Fan
1036.	BS-697457	Emission Label
1058.	BS-MS3260	Owner's Manual
1059.	BS-692311	Screw/Washer Kit
1210.	BS-498144	Pulley/Spring (Pulley) Assembly
1211.	BS-498144	Pulley/Spring (Spring) Assembly
1330.	272147	Repair Manual

†Included in Engine Gasket Set, Key. No. 358

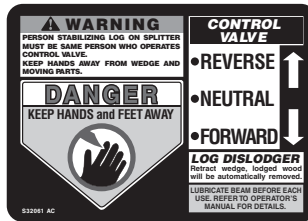
††Included in Carburetor Overhaul Kit, Key. No. 121

*Included in Carburetor Gasket Set, Key. No. 977

PARTS LIST

Craftsman Log Splitter Model 247.77641

777S32061



777D14914



777S33112

WARNING - TO AVOID INJURY AND/OR PROPERTY DAMAGE

MOVING LOG SPLITTER BY HAND

- Lock beam in horizontal position.
- Lock jack stand in down position.
- Do not attempt to move log splitter up or down a slope by hand.

TOWING LOG SPLITTER

- Lock beam in horizontal position.

- Attach coupler to Class I or higher hitch with 2" ball.
- Latch securely.
- If coupler adjustment is needed, refer to owner's manual.
- Raise jack stand and latch securely in full up position.
- Attach safety chains to tow vehicle.
- Do not tow faster than 45 mph.
- High speed may cause loss of control.
- Check local, state and federal requirements before towing on any public road.

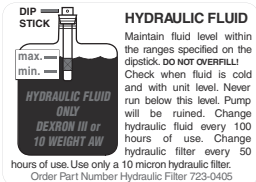
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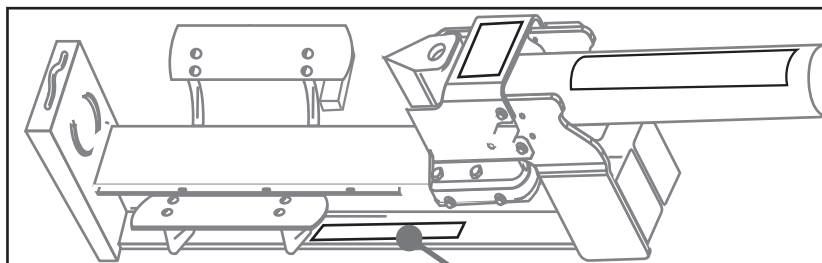
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Model Plate



777S32605

