

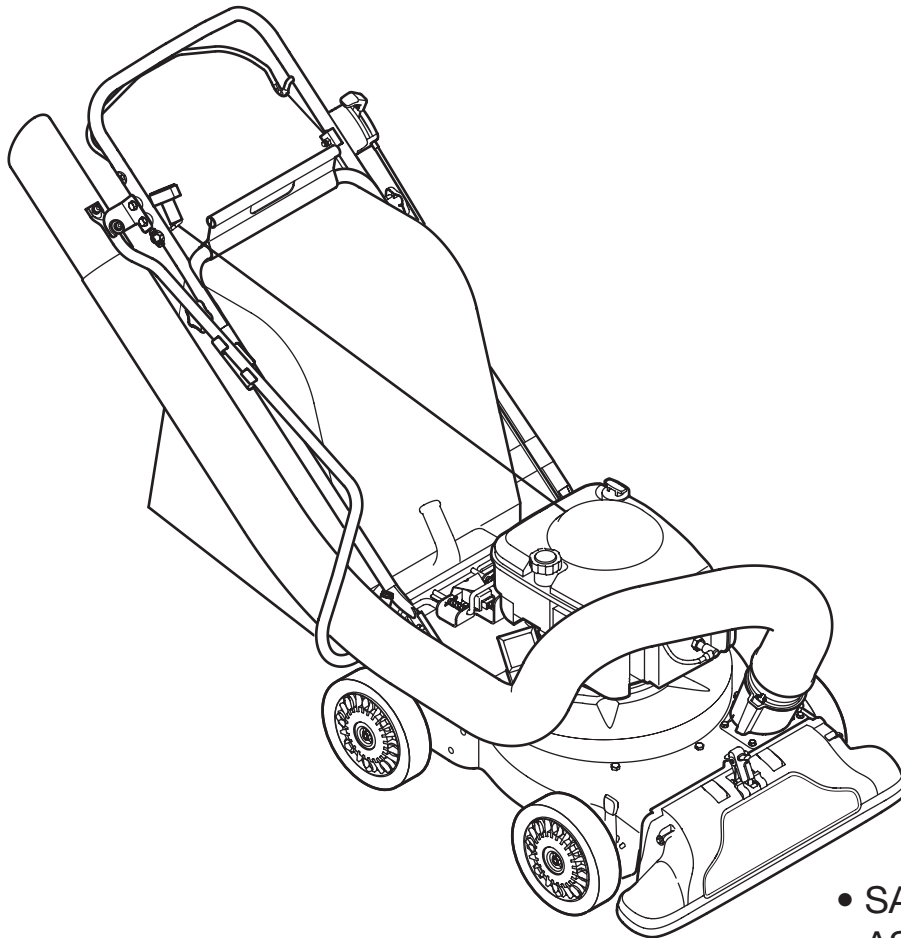
Operator's Manual

CRAFTSMAN[®]

675 Series Engine

POWER PROPELLED YARD VACUUM

Model No. 247.77013.0



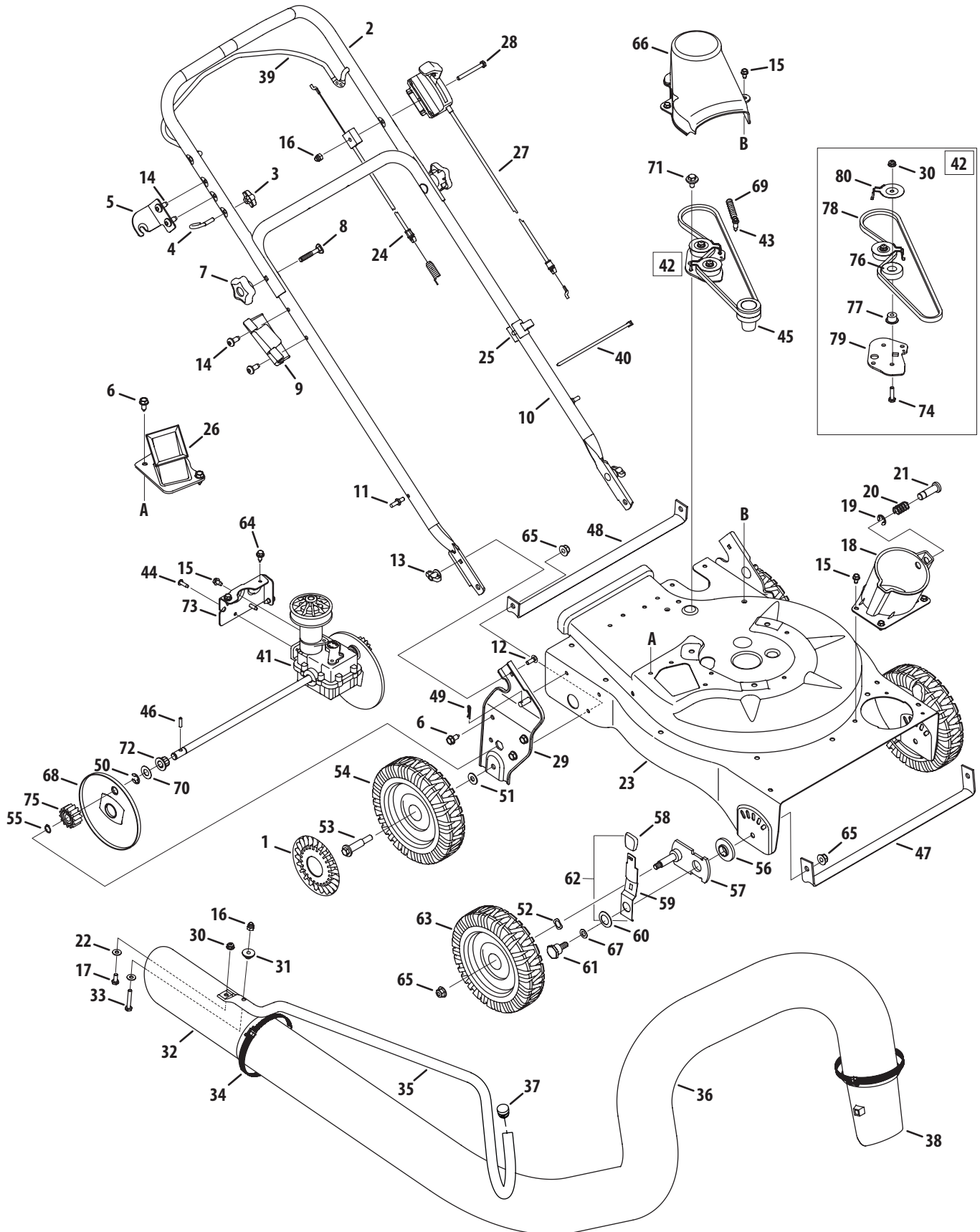
CAUTION: Before using this product, read this manual and follow all safety rules and operating instructions.

- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE
- PARTS LIST
- ESPAÑOL

Sears Brands Management Corporation, Hoffman Estates, IL 60179, U.S.A.
Visit our web site: www.craftsman.com

PARTS LIST

Craftsman 675 Series Yard Vacuum Model 247.77013.0



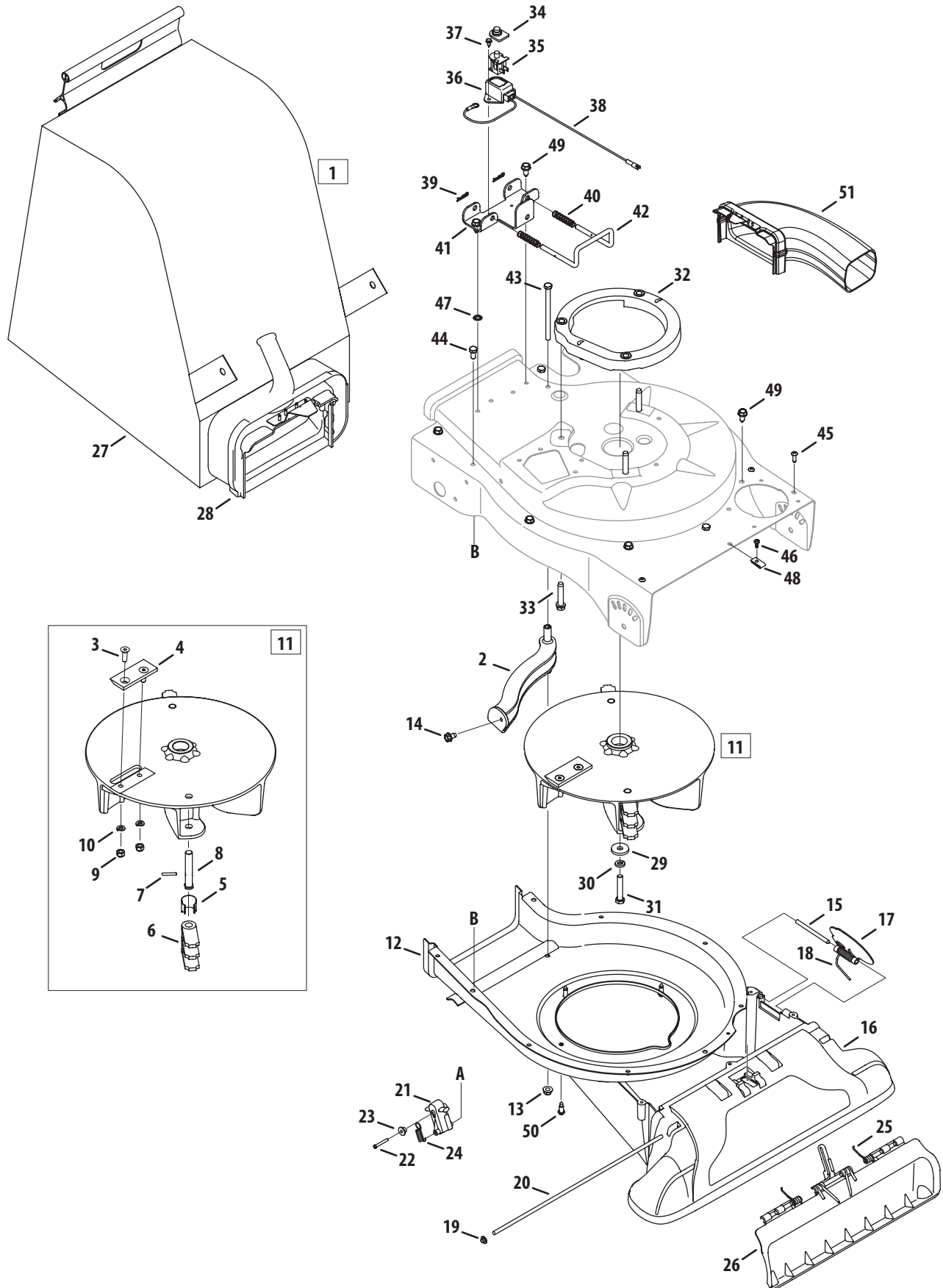
Craftsman 675 Series Yard Vacuum Model 247.77013.0

Ref. No.	Part No.	Description
1.	731-07001	Hub Cap
2.	749-04163-0637	Upper Handle
3.	720-0279	Knob
4.	710-1205	Eye Bolt
5.	781-1056-0637	Upper Handle Bracket
6.	710-0726	Hex Cap Screw 5/16-12 x .750
7.	720-04072A	Handle Knob 5/16-18
8.	710-1174	Carriage Bolt
9.	731-04911	Nozzle Handle Clip
10.	749-04165-0637	Lower Handle
11.	711-1293	Studs
12.	710-0703	Carriage Screw 1/4-20 x .75
13.	912-0397	Wing Nut 1/4-20
14.	710-1611B	TT Screw, 5/16-18 x .750
15.	710-05073	Screw, 1/4-20 x .500
16.	912-0442	Cap Lock Nut, 1/4-20
17.	710-0751	Hex Cap Screw 1/4-20 x .620
18.	681-0195	Hose Base Adapter Assembly
		(Incl. Ref.# 19-21)
19.	916-0104	E Ring.500 Dia
20.	932-3035	Compression Spring
21.	711-1571	Clevis Pin
22.	936-3020	Flat Washer.271 ID x.630 OD
23.	781-04266-4044	Upper Flail Housing
24.	746-04156	Drive Control Cable
25.	731-1820	Cable Guide
26.	681-04088-4044	Chipper Chute Assembly
27.	746-04155	Speed Control Cable
28.	710-1122	Hex Screw, 1/4-20 x 2.50
29.	981-0156A-4044	Handle Bracket Ass'y RH
	981-0155A-4044	Handle Brkt Ass'y LH (Not Shown)
30.	712-04064	Flange Lock Nut, 1/4-20
31.	748-0457	Spacer
32.	731-2478	Hose Nozzle
33.	710-3288	Hex Cap Screw 1/4-20 x 2.625
34.	723-0295	Adjustment Clamp
35.	749-1270A	Nozzle Handle
36.	764-0648A	Vacuum Hose
37.	720-0369	Handle Plug
38.	731-2292	Hose Adapter
39.	747-04305A	Drive Control
40.	725-0157	Cable Tie

Ref. No.	Part No.	Description
41.	918-04460	Transmission Assembly
42.	981-04027	Idler Assembly (Incl. Ref.# 74-80)
43.	710-1650	Shoulder Screw, #12-24 x .30 x .46
44.	710-1220	Screw, #12-16 x .750
45.	911-04245	Impeller Hub
46.	915-0221	Dowel Pin
47.	781-04082-0637	Front Wheel Support Brace
48.	781-04081-0637	Rear Wheel Support Brace
49.	914-0104	Cotter Pin
50.	916-0104	E-Ring
51.	936-3004	Flat Washer, .406 x .875 x .105
52.	936-0232	Wave Washer.531 ID x.781 OD
53.	738-1015	Shoulder Screw 3/8-16
54.	934-2042A	Rear Wheel
55.	716-0865	Snap Ring
56.	741-04242	Height Adjustment Bearing
57.	687-02342	Pivot Arm Assembly
58.	720-0426	Height Adjustment Knob
59.	732-1026	Spring Lever
60.	736-0741	Bell Washer.760 ID x.25 OD
61.	738-1172	Shoulder Screw,.750 x.500
62.	987-02051	Height Lever Assembly
		(Incl. Ref.# 58-59)
63.	734-2004B	Front Wheel
64.	710-1652	Screw, 1/4-20 x .625
65.	712-04065	Flange Lock Nut, 3/8-16
66.	731-04879	Belt Cover
67.	936-0314	Thrust Washer.375 ID x.70 OD
68.	731-04643	Wheel Cover
69.	732-04217	Extension Spring,.375 x 2.95
70.	936-0369	Flat Washer,.508ID x1.00OD x.020
71.	738-0930	Shoulder Screw,.560 x.165
72.	741-04108	Drive Axle Bushing
73.	781-04078-0637	Transmission Mounting Bracket
74.	710-0597	Screw, 1/4-20 x 1.00
75.	717-1762	Spur Gear - RH
	717-1761	Spur Gear - LH (Not Shown)
76.	941-0124	Ball Bearing
77.	750-1050	Flange Spacer,.260 x.659 x.517
78.	954-0369	Belt, 3/8 x 32.5
79.	781-04077-0637	Idler Bracket
80.	782-7598	Belt Keeper

PARTS LIST

Craftsman 675 Series Yard Vacuum Model 247.77013.0



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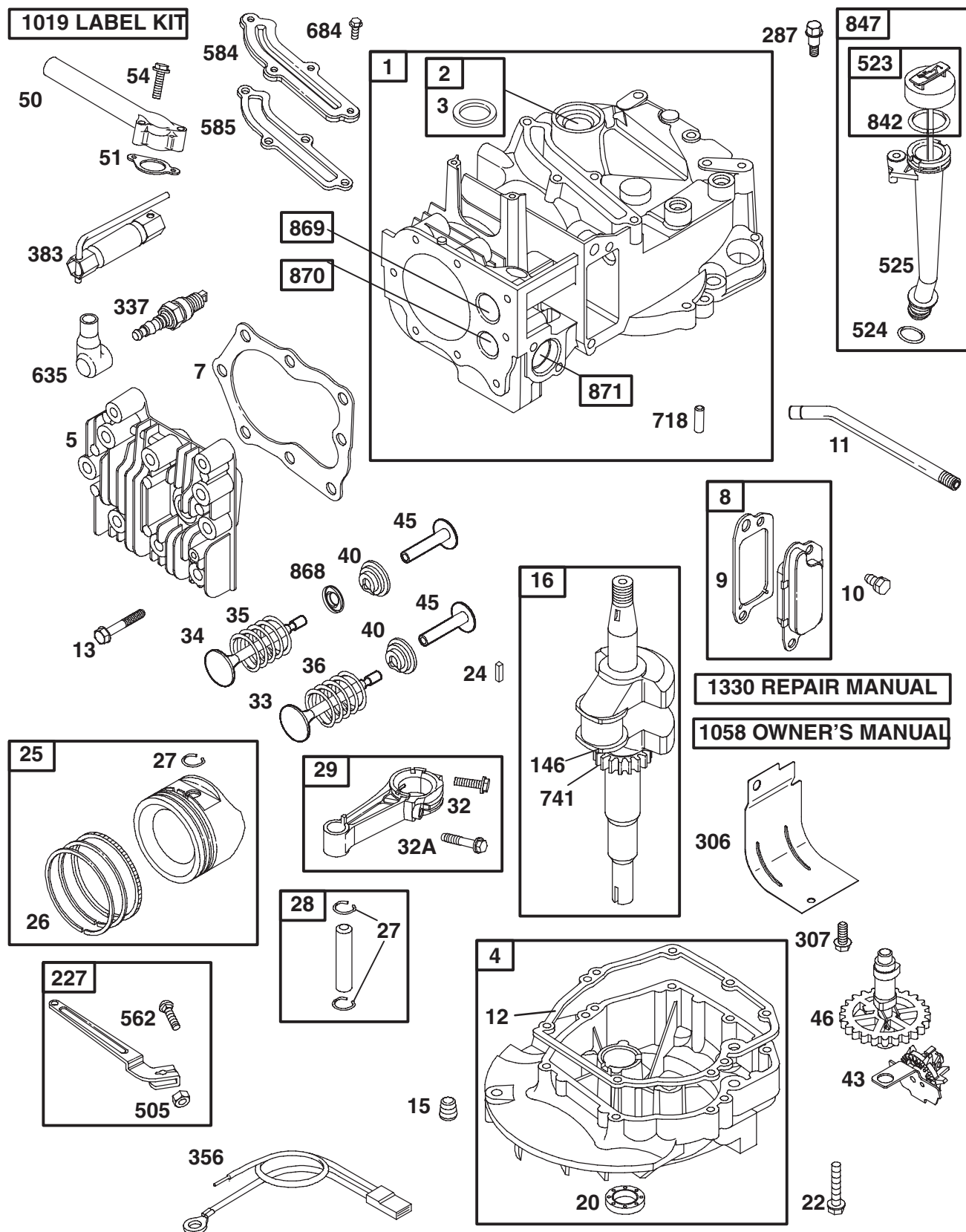
Ref. No.	Part No.	Description
1.	664-0094	Bag Assembly
2.	681-0154-0637	Screen Assembly
3.	710-1054	Hex Screw 5/16-24 x 1.0
4.	981-0490	Chipper Blade
5.	781-0735	Pin Clip
6.	719-0329	Flail
7.	715-0166	Spiral Pin
8.	711-1401	Clevis Pin
9.	912-0411	Lock Nut, 5/16-24
10.	936-0119	Lock Washer, 5/16
11.	981-0152	Impeller Assembly
		(Incl. Ref.# 3 – 10)
12.	781-0721B-4044	Lower Flail Housing
13.	712-04063	Flange Lock Nut 5/16-18
14.	710-0607	Screw, 5/16-18 x.500
15.	747-04297	Hinge Pin
16.	981-04031	Nozzle
17.	781-1064	Base Adapter Door
18.	732-1156	Torsion Spring
19.	926-0106	Cap Speed Nut 1/4
20.	711-1551	Pivot Rod
21.	731-04967	Nozzle Door Lever
22.	710-1256	Hex Screw, #8-18 x 1.25
23.	750-1294	Shoulder Spacer
24.	732-3118	Extension Spring
25.	732-1151A	Nozzle Door Torsion Spring
26.	731-2294A	Nozzle Door

Ref. No.	Part No.	Description
27.	664-04039	Bag
28.	631-0083	Chute Assembly
29.	736-0247	Flat Washer.375 ID x 1.25 OD
30.	936-0217	Lock Washer 3/8
31.	710-1273	Hex Cap Screw, 3/8-24 x 2.75
32.	631-04118	Engine Spacer Assembly
33.	710-1008	Screw, 3/8-16 x 1.875
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-0637	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.	710-1220	Screw, #12-16 x.750
46.	710-0351	Screw #10 - 16 x.500
47.	736-0607	External L-Washer 5/16
48.	726-0139	Speed Nut
49.	710-0726	Hex Index Screw, 5/16-12 x.750
50.	710-1650	Shoulder Screw, #12-24 x .30 x .46
51.	OEM-290-012	Blower Chute
—	723-0400	Safety Glasses (Not Shown)

PARTS LIST

Craftsman 675 Series Engine Model No. 126T02

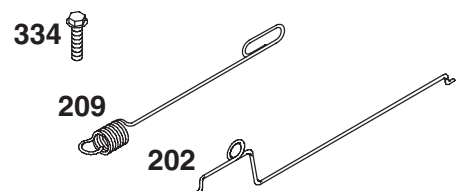
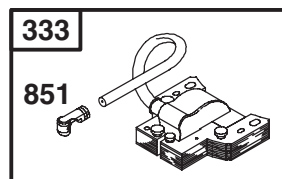
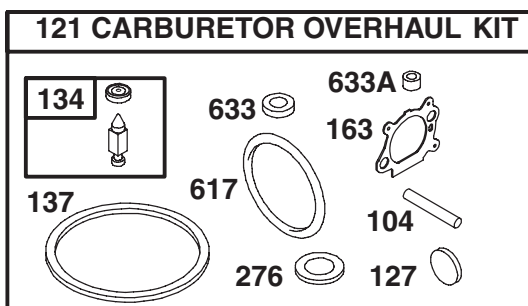
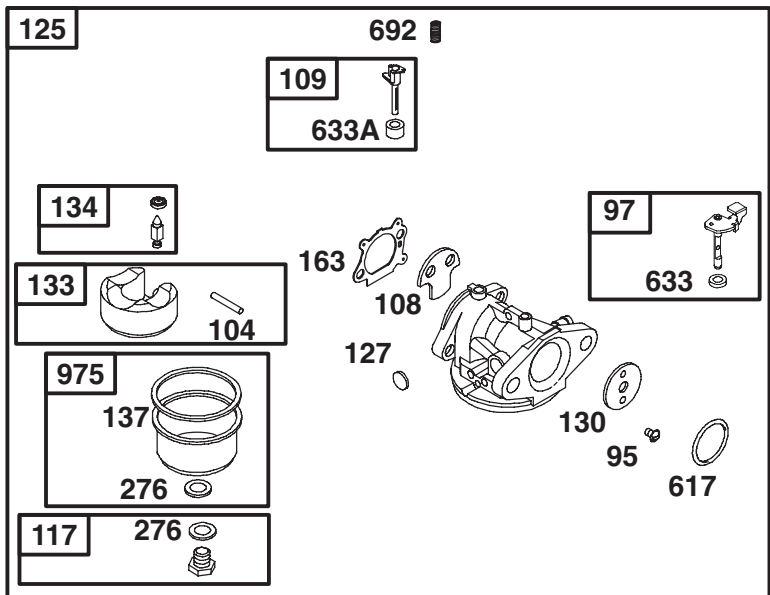
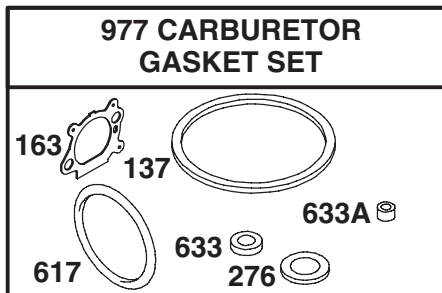
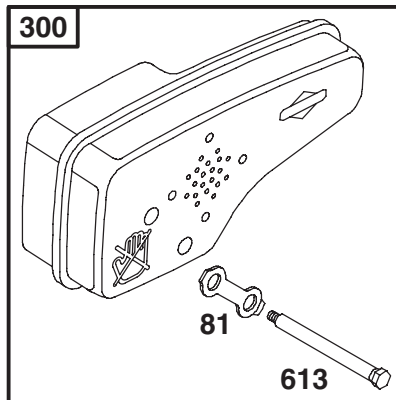
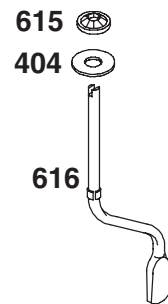
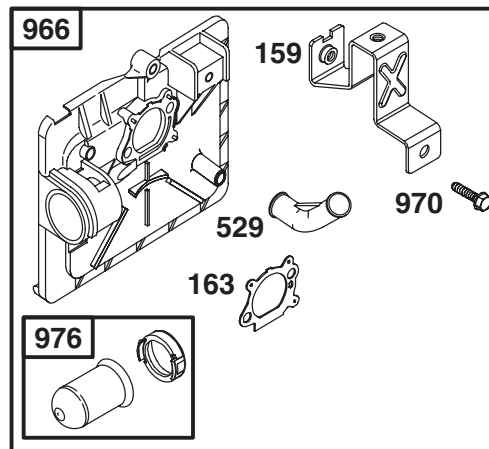
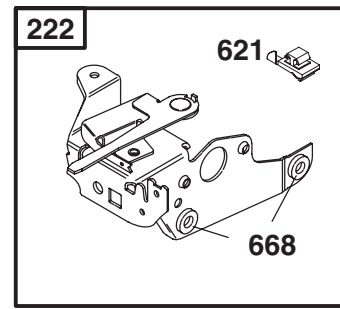
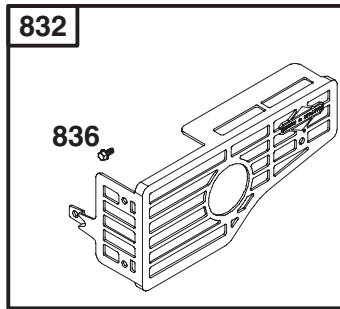
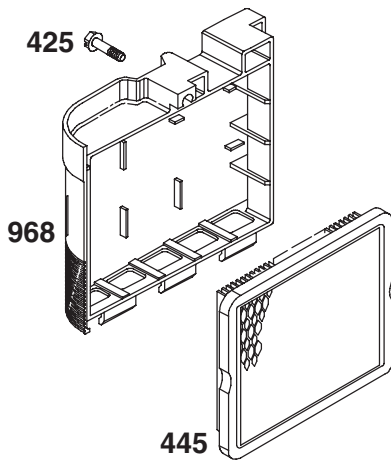
For Yard Vacuum Model 247.77013.0



PARTS LIST

Craftsman 675 Series Engine Model No. 126T02

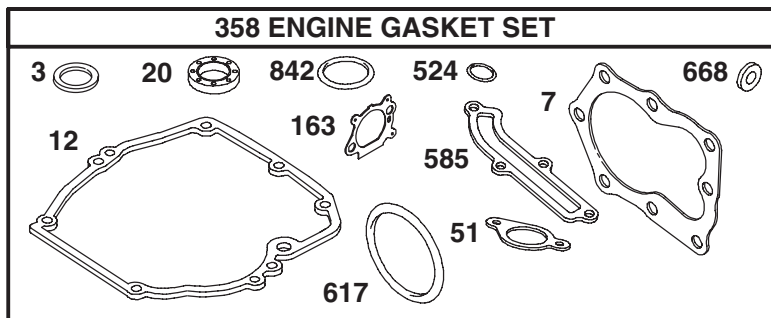
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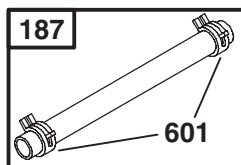
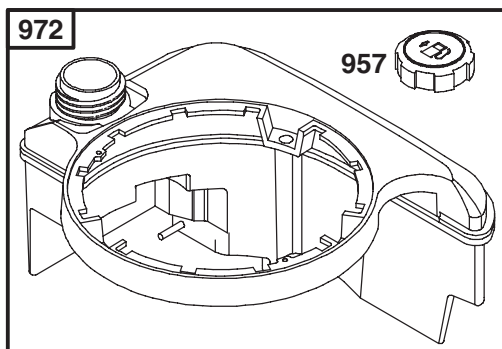
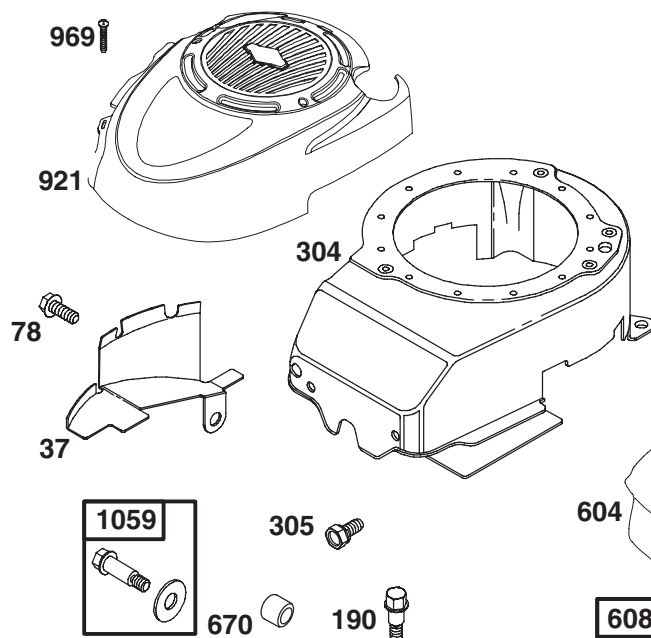
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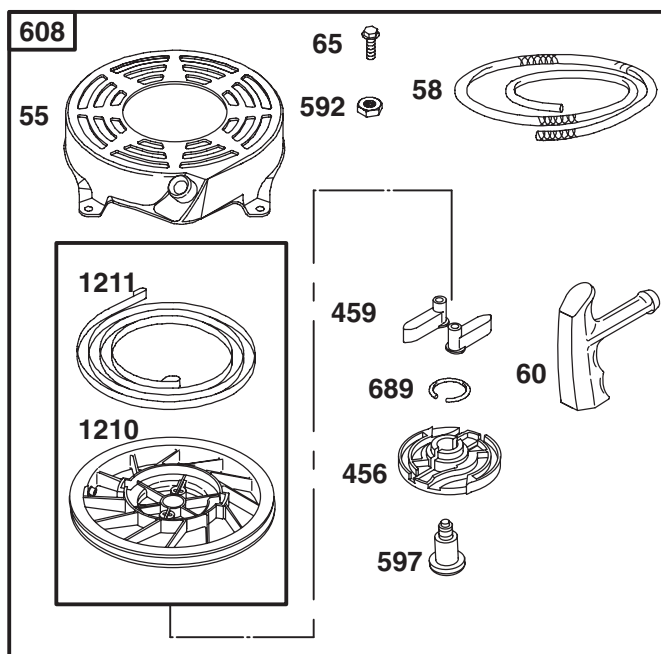
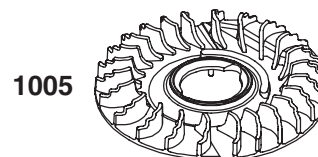
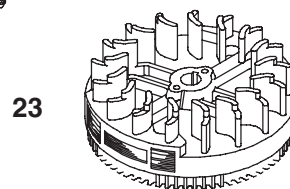
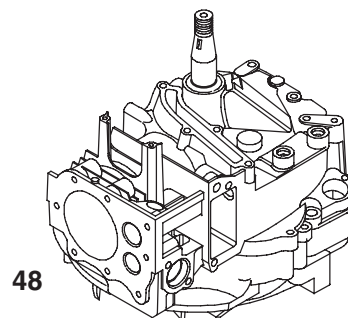
For Yard Vacuum Model 247.77013.0



1329 REPLACEMENT ENGINE



1036 EMISSIONS LABEL



PARTS LIST

Craftsman 675 Series Engine Model No. 126T02 For Yard Vacuum Model 247.77013.0

Ref. No.	Part No.	Description
1.	697322	Cylinder Assembly
2.	399269	Kit-Bushing/Seal
3.	299819†	Seal-Oil (Magneto Side)
4.	493279	Sump-Engine
5.	691160	Head-Cylinder
7.	692249†	Gasket-Cylinder Head
8.	695250	Breather Assembly
9.	699472	Gasket-Breather
10.	691125	Screw (Breather Assembly)
11.	691260	Tube-Breather
12.	692232†	Gasket-Crankcase
13.	690912	Screw (Cylinder Head)
15.	691680	Plug-Oil Drain
16.	694478	Crankshaft
20.	399781†	Seal-Oil (PTO Side)
22.	691092	Screw (Engine Sump)
23.	692315	Flywheel
24.	222698	Key-Flywheel
25.	697339	Piston Assembly (Standard)
	697341	Piston Assembly (.020" Oversize)
26.	499425	Ring Set-Piston (Standard)
	499427	Ring Set-Piston (.020" Oversize)
27.	691866	Lock-Piston Pin
28.	499423	Pin-Piston
29.	499424	Rod-Connecting
32.	691664	Screw (Connecting Rod)
32A.	695759	Screw (Connecting Rod)
33.	262651	Valve-Exhaust
34.	262652	Valve-Intake

Ref. No.	Part No.	Description
35.	691270	Spring-Valve (Intake)
36.	691270	Spring-Valve (Exhaust)
37.	694086	Guard-Flywheel
40.	692194	Retainer-Valve
43.	691997	Slinger-Governor/Oil
45.	690548	Tappet-Valve
46.	691449	Camshaft
48.	498828	Short Block
50.	497465	Manifold-Intake
51.	272199†	Gasket-Intake
54.	691650	Screw (Intake Manifold)
55.	691421	Housing-Rewind Starter
58.	697316	Rope-Starter (Cut to Required Length)
60.	281434	Grip-Starter Rope
65.	690837	Screw (Rewind Starter)
78.	691108	Screw (Flywheel Guard)
81.	691740	Lock-Muffler Screw
95.	691636	Screw (Throttle Valve)
97.	493267	Shaft-Throttle
104.	691242††	Pin-Float Hinge
108.	691182	Valve-Choke
109.	498593	Shaft-Choke
117.	498978	Jet-Main (Standard)
121.	498260	Kit-Carburetor Overhaul
125.	499059	Carburetor
127.	694468††	Plug-Welch
130.	691203	Valve-Throttle
133.	398187	Float-Carburetor
134.	398188††	Valve-Needle/Seat

PARTS LIST

Craftsman 675 Series Engine Model No. 126T02

For Yard Vacuum Model 247.77013.0

Ref. No.	Part No.	Description
137.	693981††*	Gasket-Float Bowl
146.	690979	Key-Timing
159.	691753	Bracket-Air Cleaner Primer
163.	272653†*††	Gasket-Air Cleaner
187.	691050	Line-Fuel (Cut to Required Length)
188.	693399	Screw (Control Bracket)
190.	690940	Screw (Fuel Tank)
202.	691829	Link-Mechanical Governor
209.	691291	Spring-Governor
222.	692150	Bracket-Control
227.	690783	Control Lever-Governor
276.	271716††*	Sealing Washer
287.	690940	Screw (Dipstick Tube)
300.	692038	Muffler
304.	493294	Housing-Blower
305.	691108	Screw (Blower Housing)
306.	690450	Shield-Cylinder
307.	690345	Screw (Cylinder Shield)
324.	695161	Cup/Screen Assembly
332.	690662	Nut (Flywheel)
333.	802574	Armature-Magneto
334.	691061	Screw (Armature Magneto)
337.	802592	Plug-Spark
347.	691396	Switch-Rocker
Ref. No.	Part No.	Description
356.	496381	Wire-Stop
358.	497316	Engine Gasket Set

Ref. No.	Part No.	Description
363.	19069	Flywheel Puller
365.	692524	Screw (Carburetor)
383.	89838	Wrench-Spark Plug
404.	690272	Washer (Governor Crank)
425.	690670	Screw (Air Cleaner Cover)
443.	692523	Screw (Air Cleaner Primer Base)
445.	491588	Filter-Air Cleaner Cartridge
456.	692299	Plate-Pawl Friction
459.	281505	Pawl-Ratchet
497.	690664	Screw (Stopswitch)
505.	691251	Nut (Governor Control Lever)
523.	495264	Dipstick
524.	692296†	Seal-Dipstick Tube
525.	495265	Tube-Dipstick
529.	691923	Grommet
562.	92613	Bolt (Governor Control Lever)
564.	698589	Screw (Control Cover)
584.	697734	Cover-Breather Passage
585.	691879†	Gasket-Breather Passage
592.	690800	Nut (Rewind Starter)
597.	691696	Screw (Pawl Friction Plate)
601.	95162	Clamp-Hose
604.	698588	Cover-Control
608.	497680	Starter-Rewind
613.	691340	Screw (Muffler)
615.	690340	Retainer-Governor Shaft
616.	698801	Crank-Governor

PARTS LIST

Craftsman 675 Series Engine Model No. 126T02

For Yard Vacuum Model 247.77013.0

Ref. No.	Part No.	Description
617.	270344†††	Seal-O Ring (Intake Manifold)
621.	692310	Switch-Stop
627.	692872	Bracket-Stops Switch
633.	691321†† *	Seal-Choke/Throttle Shaft
633A.	693867†† *	Seal-Choke/Throttle Shaft
635.	66538	Boot-Spark Plug
668.	493823	Spacer
670.	692294	Spacer-Fuel Tank
Ref. No.	Part No.	Description
684.	690345	Screw (Breather Passage Cover)
689.	691855	Spring-Friction
692.	690579	Spring-Detent
718.	690959	Pin-Locating
741.	790345	Gear-Timing
832.	499034	Guard-Muffler
836.	690664	Screw (Muffler Guard)
842.	691031†	Seal-O Ring (Dipstick Tube)
843.	691884	Sleeve-Lever
847.	692017	Assembly-Dipstick/Tube
851.	493880	Terminal-Spark Plug
868.	697338	Seal-Valve
869.	691155	Seat-Valve (Intake)
870.	690380	Seat-Valve (Exhaust)

Ref. No.	Part No.	Description
871.	262001	Bushing-Guide (Exhaust)
	63709	Bushing-Guide (Intake)
921.	698587	Cover-Blower Housing
930.	691919	Guard-Rewind
957.	397974	Cap-Fuel Tank
966.	496116	Base-Air Cleaner Primer
968.	692298	Cover-Air Cleaner
969.	690700	Screw (Blower Housing Cover)
970.	691669	Screw (Air Cleaner Primer Bracket)
972.	699374	Tank-Fuel
975.	493640	Bowl-Float
976.	694395	Primer-Carburetor
977.	498261	Set-Carburetor Gasket
1005.	691346	Fan-Flywheel
1019.	494256	Kit-Label
1036.	697457	Label-Emission
1058.	MS 5244	Owner's Manual
1059.	692311	Kit-Screw/Washer
1210.	498144	Assembly-Pulley/Spring (Pulley)
1211.	498144	Assembly-Pulley/Spring (Spring)
1329.	123K02-	Replacement Engine
	0240-E1	
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 675 Series Yard Vacuum Model 247.77013.0

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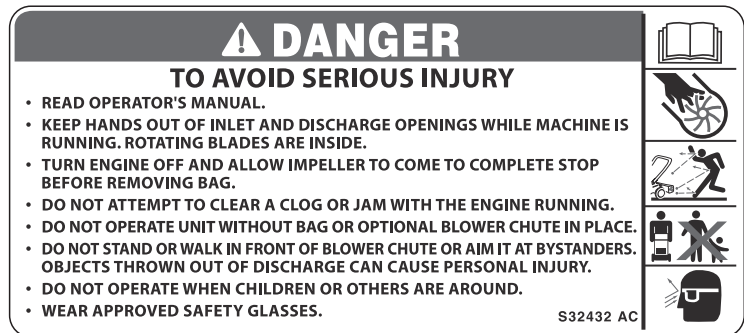
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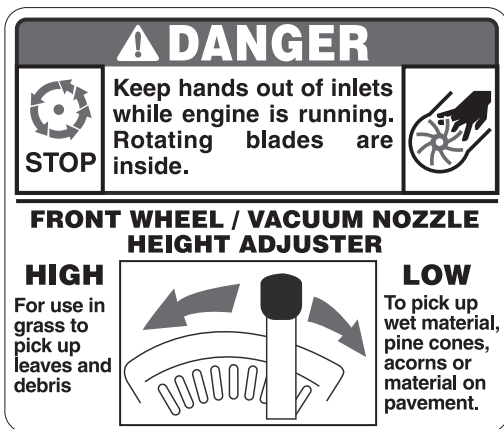
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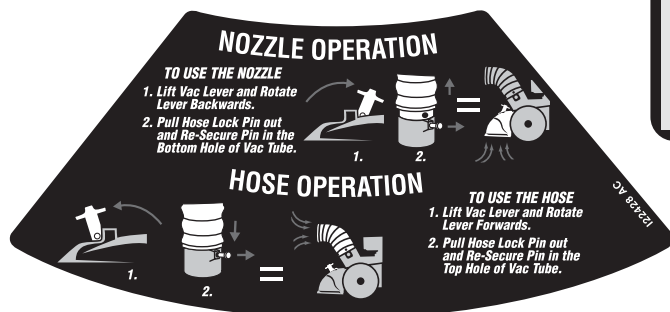
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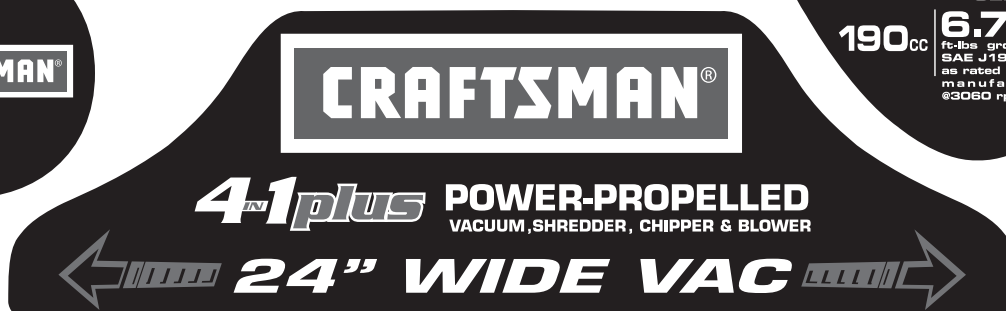
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