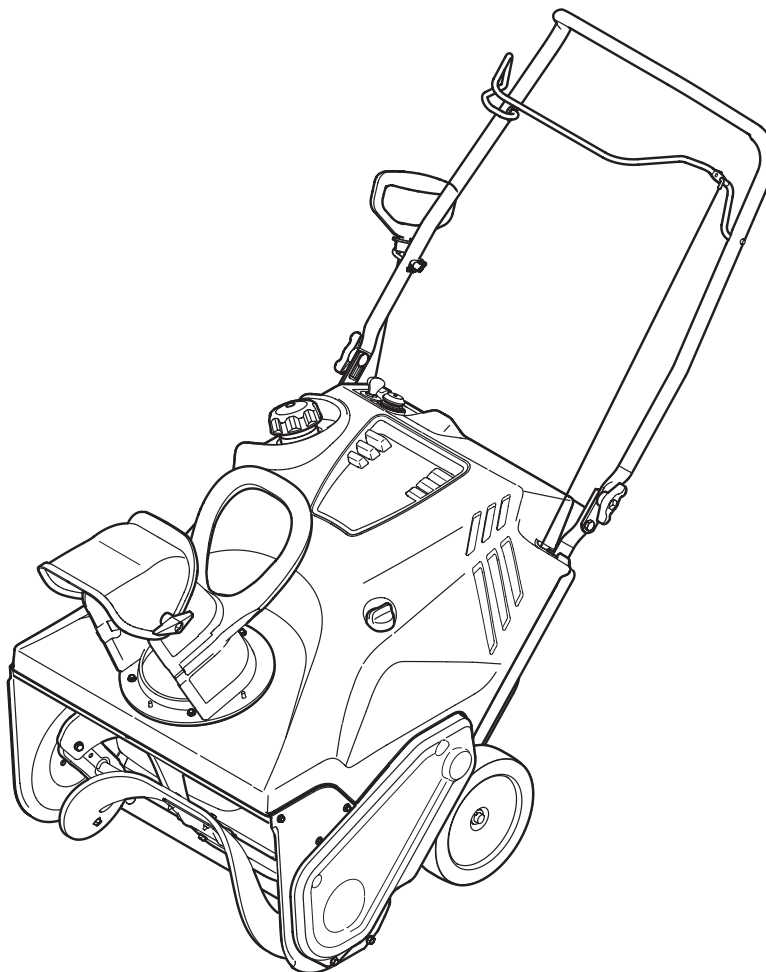


Operator's Manual

CRAFTSMAN®

21" SNOW THROWER

Model No. 247.88780



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

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

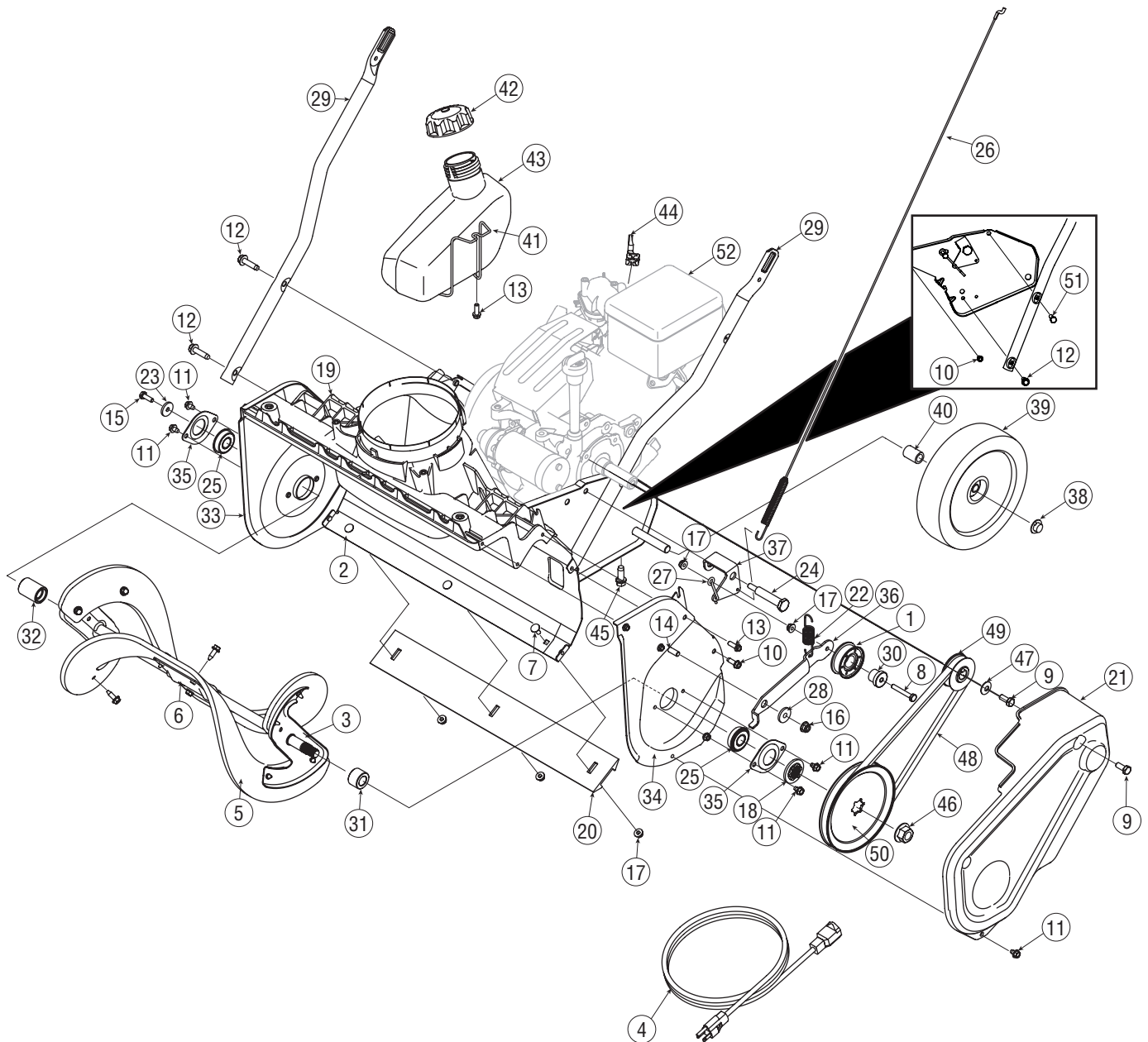
Sears Brands Management Corporation, Hoffman Estates, IL 60179, U.S.A.

Visit our website: www.craftsman.com

FORM NO. 769-06194A
7/23/2010

PARTS LIST

Craftsman Snow Thrower Model 247.88780



PARTS LIST

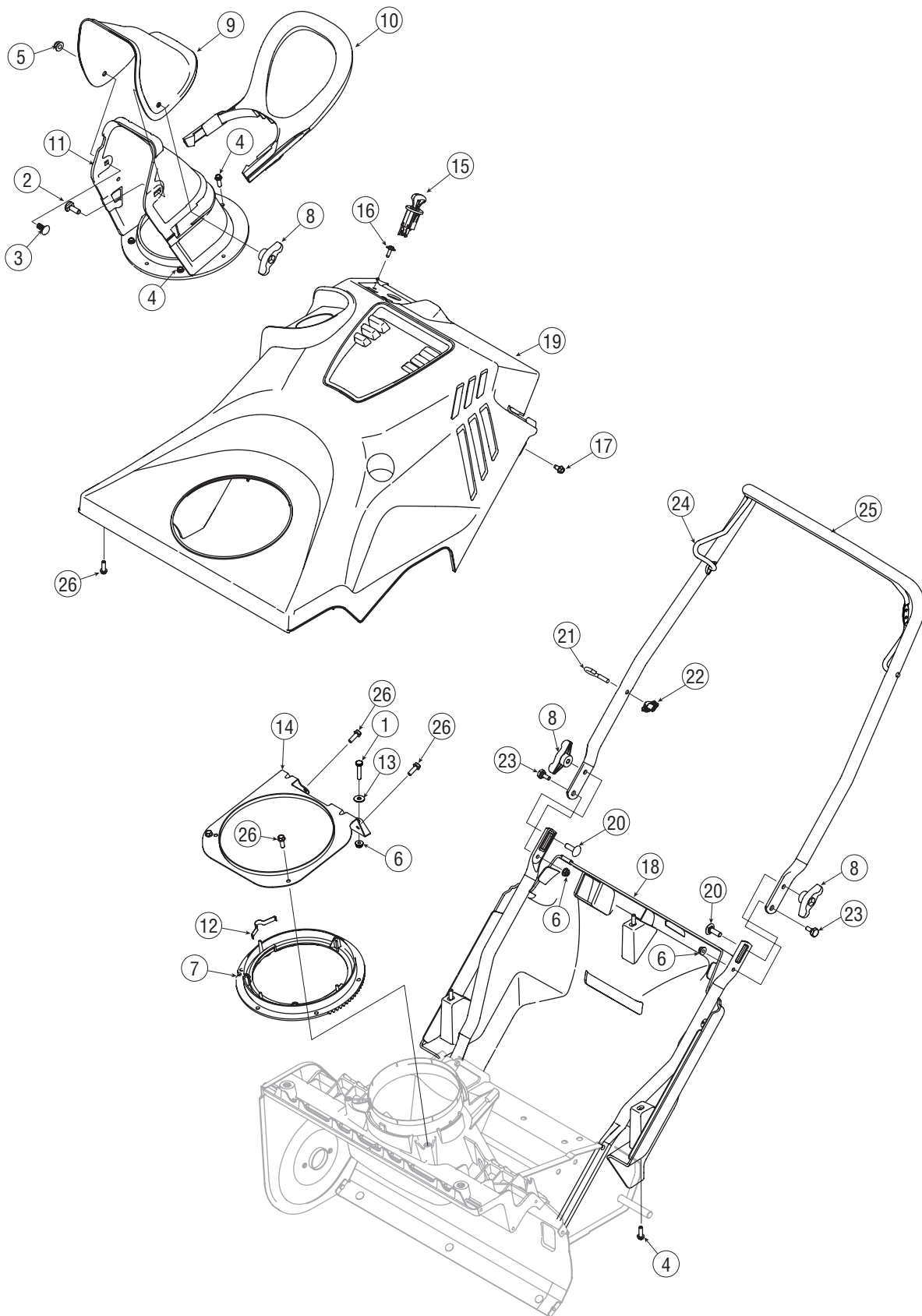
Craftsman Snow Thrower Model 247.88780

Ref. No.	Part No.	Description
1.	684-04168	Idler Pulley Assembly
2.	684-04363-0691	Frame
3.	984-04362	Auger Assembly Mount
4.	929-0071A	3-Prong Extension Cord
5.	753-06469	Auger Replacement Kit (Inc. 2 Paddles and 12 Hex Washer Screws)
6.	790-00427-0637	Center Auger Bracket
7.	710-0134	Carriage Screw, 1/4-20 x .62
8.	710-0136	Hex Screw, 1/4-20 x 1.757
9.	710-0627	Hex Lock Screw, 5/16-24 x .750
10.	710-0642	Hex Washer Screw, 1/4-20 x .750
11.	710-0653	Hex Washer Screw, 1/4-20 x .375
12.	710-0817	Hex Washer Screw, 5/16-18 x 1.250
13.	710-0895	Hex Washer Screw, 1/4-15 x .750
14.	710-3008	Hex Screw, 5/16-18 x .75
15.	710-3296	Hex Lock Screw, 1/4-20 x .750
16.	712-04063	Flange Lock Nut, 5/16-18
17.	712-04064	Flange Lock Nut, 1/4-20
18.	718-04737	Pulley Hub
19.	931-07626	Chute Adapter
20.	931-07667	Shave Plate
21.	731-07737	Belt Cover
22.	732-04748	Extension Spring, .70 x 3.035
23.	936-0176	Flat Washer, .265 x .938 x .120
24.	738-04456	Shoulder Bolt, 5/16-24 x .496 x 2.18
25.	741-04188A	Ball Bearing, .625 x 37 x 12
26.	946-04701	Clutch Cable

Ref. No.	Part No.	Description
27.	747-05360	Drive Cable Wire Support
28.	748-0234	Shoulder Spacer
29.	749-04694-0637	Lower Handle
30.	750-04571	Shoulder Spacer, .260 x .785 x .538
31.	750-04758	LH Auger Spacer
32.	750-05393	RH Auger Spacer
33.	790-00390-0691	RH Auger Plate
34.	790-00391-0691	LH Auger Plate
35.	790-00403-0691	Bearing Cup
36.	790-00406-0637	Idler Bracket
37.	790-00426	Cable Idler Bracket
38.	726-0299	Push Cap, 1/2
39.	734-1781	Wheel, 8 x 1.7
40.	750-05417	Sleeve Spacer, .525 x .78 x 1.00
41.	747-05341	Gas Tank Wire Support
42.	751-10487	Fuel Cap
43.	751-11648	Fuel Tank
44.	731-07664	Choke Extension Lever
45.	710-0654A	Hex Washer Screw, 3/8-16 x 1.000
46.	712-0700	Flange Nut, 9/16-18
47.	736-0371	Flat Washer, .343 x .88 x .062
48.	954-04050	Belt, .500 x 35.06
49.	956-0416B	Pulley Half, .625 x 2.25
50.	756-04443	Pulley, 1/2 x 6.00
51.	710-05183	Hex Screw, 5/16-24 x 1.25
52.	752Z265-JU	Replacement Engine

PARTS LIST

Craftsman Snow Thrower Model 247.88780



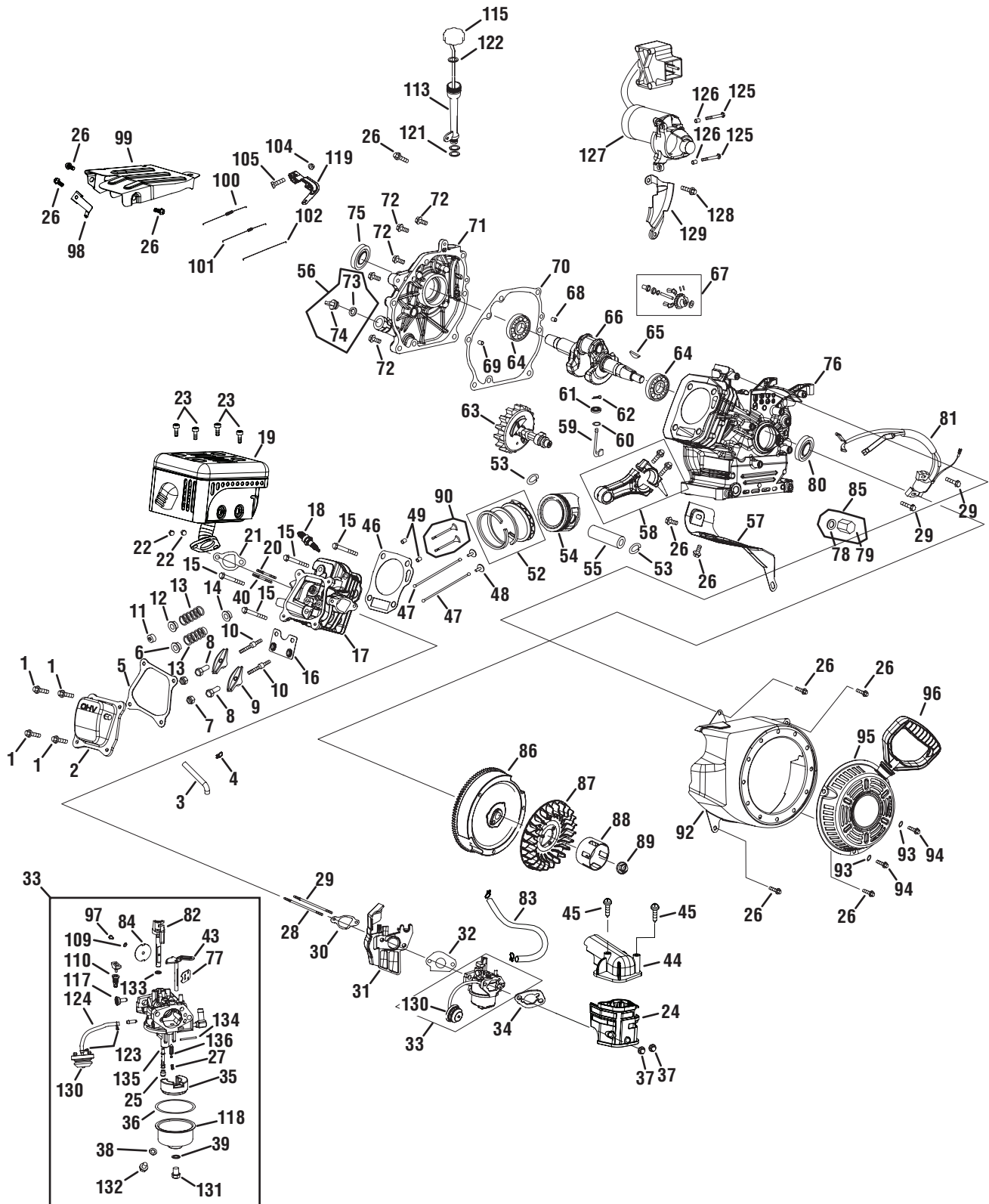
PARTS LIST

Craftsman Snow Thrower Model 247.88780

Ref. No.	Part No.	Description
1.	710-0106	Hex Screw, 1/4-20 x 1.25
2.	710-04071	Carriage Bolt, 5/16-18 x 1.00
3.	710-0451	Carriage Bolt, 5/16-18 x .750
4.	710-05108	Hex Washer Screw, 1/4 x .750
5.	712-04063	Flange Lock Nut, 5/16-18
6.	712-04064	Flange Lock Nut, 1/4-20
7.	917-04844	Bevel Gear
8.	720-04122	Wing Knob, 5/16-18
9.	731-04426A	Upper Chute
10.	731-07644	Chute Handle
11.	931-07753	Lower Chute
12.	932-04111	Chute Adjustment Spring
13.	736-0173	Flat Washer, .28 x .74 x .063
14.	790-00401-0637	Gear Retaining Bracket
15.	925-04031A	Ignition Switch Assembly
16.	710-04669	Hex Washer Screw, 10-16 x .625
17.	710-0599	Hex Washer Screw, 1/4-20 x .500
18.	731-07725	Bottom Cover
19.	731-07781	Top Cover
20.	710-04998	Carriage Screw, 5/16-18 x 1.00
21.	710-1205	Eye Bolt, 1/4-20
22.	720-0279	Handle Knob
23.	738-04419A	Shoulder Screw, 1/4-20 x .375 x .148
24.	747-05327-0637	Auger Bail
25.	749-04703-0637	Upper Handle
26.	710-0895	Screw, Hi-Lo:1/4-15, 0.75

PARTS LIST

Craftsman Engine Model 265-JU For Snow Thrower Model 247.88780



PARTS LIST

Craftsman Engine Model 265-JU For Snow Thrower Model 247.88780

Ref.	Part No.	Description	Ref.	Part No.	Description	Qty.
1	710-04968	Bolt	86	951-10805	Flywheel	
2	951-11054	Valve Cover	87	951-10909	Cooling Fan	
3	731-07059	Breather Hose	88	951-10911	Starter Cup	
4	726-04101	Hose Clamp	89	712-04209	Nut	
7	751-11124	Pivot Locking Nut	90	951-10647	Valve Kit (incl. intake and exhaust valve)	
8	751-11123	Valve Adjusting Nut	92	751-12014	Blower Housing	
10	710-04902	Pivot Bolt	93	736-04455	Washer	
15	710-04933	Bolt	94	710-04974	Bolt	
18	951-10292	Spark Plug	95	751-12015	Recoil Starter	
19	751-12010	Muffler Assembly	96	731-05696	Starter Handle	
20	710-05276	Stud	98	951-11104	Governor Spring Bracket	
21	951-11285	Muffler Gasket	99	751-12016	Governor Shield	
22	712-04214	Nut	100	751-12017	Governor Spring	
23	710-05002	Bolt	101	951-10664	Throttle Return Spring	
24	951-10962	Heater Box Base	102	951-10665	Governor Rod	
26	710-04915	Bolt	104	712-04212	Nut	
28	710-05101	Stud, M6 x110	105	710-04908	Bolt	
29	710-04919	Bolt	113	751-11913	Dipstick Tube	
33	951-12011	Carburetor Assembly	115	751-11912	Dipstick	
37	712-04213	Nut	119	951-11106	Governor Arm Bracket	
44	951-10961	Heater Box	121	951-11903	O-Ring	
45	710-05275	Bolt	122	751-11934	O-Ring	
47	951-10648	Push Rod Kit (incl. intake and exhaust rod)	125	710-05182	Bolt	
49	715-04090	Dowel Pin	126	715-04088	Dowel Pin	
57	951-11113	Air Shield	127	951-10645A	Electric Starter	
59	951-11356	Governor Arm Shaft	128	710-04979	Bolt	
60	736-04461	Washer	129	951-11109	Blower Housing Shield	
62	714-04074	Cotter Pin	130	951-10639A	Primer	
64	951-11369	Radial Ball Bearing	131	710-04945	Bolt	
65	951-10307	Flywheel Key	132	710-04938	Drain Bolt	
68	715-04092	Dowel Pin, 7 x 14	—	952Z265-JU	Engine, Complete	
69	715-04096	Dowel Pin, 9 x 14	56	951-11283	Oil Fill Plug Assembly	—
70	951-11371	Crankcase Cover Gasket	73	951-11577	O-Ring	1
72	710-04932	Cover Bolt	74	—	Oil Fill Plug	1
75	951-11368	Oil Seal	—	951-11063	Valve Cover Kit (Not Shown)	—
78	736-04440	Washer	2	951-11054	Valve Cover	1
80	951-11370	Oil Seal	5	951-11565	Head Cover Gasket	1
81	751-12013	Ignition Coil	—	751-11913	Oil Fill Tube Assembly	—
83	751-12012	Fuel Line Kit (incl. clamps and fuel line)	113	751-11913	Dipstick Tube	1
85	951-10370	Oil Drain Assembly, includes 78, 79	121	951-11903	O-Ring	2

PARTS LIST

Craftsman Engine Model 265-JU For Snow Thrower Model 247.88780

Ref.	Part No.	Description	Qty.	Ref.	Part No.	Description	Qty.
33	751-12011	Carburetor Assembly	—	—	951-10722A	Cylinder Head Assembly (Not Shown)	—
25	—	Main Jet	1	5	951-11565	Head Cover Gasket	1
27	—	Needle Valve Spring	1	6	751-12000	Intake Valve Spring Seat	1
35	—	Float	1	7	751-11124	Pivot Locking Nut	2
36	951-11589	Fuel Bowl Gasket	1	8	751-11123	Valve Adjusting Nut	2
38	951-11349	Fuel Drain Plug Gasket	1	9	751-11893	Rocker Arm	2
39	951-11348	Fuel Bowl Gasket	1	10	710-04902	Pivot Bolt	2
43	—	Choke Shaft	1	11	751-12002	Exhaust Valve Adjuster	1
77	—	Choke Plate	1	12	751-12003	Exhaust Valve Spring Seat	1
82	—	Throttle Shaft	1	13	751-12004	Valve Spring	2
84	—	Throttle Plate	1	14	751-11894	Intake Valve Seal	1
97	—	Screw, M3x5	1	16	751-11895	Push Rod Guide Plate	1
109	—	Lock Washer	1	17	—	Cylinder Head - Complete	1
110	—	Idle Jet Assembly	1	21	951-11285	Muffler Gasket	1
117	—	Idle Speed Adjusting Screw	1	30	951-11567	Carburetor Insulator Gasket	1
118	—	Fuel Bowl	1	31	951-11568	Carburetor Insulator Plate	1
123	751-11906	Hose Clamp	2	46	751-11898	Cylinder Head Gasket	1
124	751-12019	Primer Hose	1	90	951-10647	Valve Kit	1
130	951-10639A	Primer	1	—	751-12031	Crankcase Kit (Not Shown)	—
131	710-04945	Bolt	1	61	751-11902	Governor Seal	1
132	710-04938	Drain Bolt	1	64	951-11369	Radial Ball Bearing	1
133	—	Gasket, Throttle Plate	1	70	951-11371	Crankcase Cover Gasket	1
134	—	Float Pin	1	76	—	Crankcase	1
135	—	Emulsion Tube	1	80	951-11370	Oil Seal	1
136	—	Needle Valve	1	—	951-11020	Carburetor Kit, Major (Not Shown)	—
—	751-12028	Gasket Kit, Complete (Not Shown)	—	25	—	Main Jet	1
5	951-11565	Head Cover Gasket	1	27	—	Needle Valve Spring	1
21	951-11285	Muffler Gasket	1	35	—	Float	1
30	951-11567	Carburetor Insulator Gasket	1	36	951-11589	Fuel Bowl Gasket	1
31	951-11568	Carburetor Insulator Plate	1	38	951-11349	Fuel Drain Plug Gasket	1
32	751-11569A	Carburetor Gasket	1	39	951-11348	Fuel Bowl Gasket	1
34	951-11571	Carburetor Gasket Plate	2	133	—	Gasket, Throttle Plate	1
46	751-11898	Cylinder Head Gasket	1	134	—	Float Pin	1
60	736-04461	Washer	1	135	—	Emulsion Tube	1
61	751-11902	Governor Seal	1	136	—	Needle Valve	1
62	714-04074	Cotter Pin	1	—	751-11912	Dipstick Assembly	—
70	951-11371	Crankcase Cover Gasket	1	115	751-11912	Dipstick	1
75	951-11368	Oil Seal	1	122	751-11934	O-Ring	1
78	736-04440	Washer	1	40	751-12027	Muffler Stud Assembly	—
80	951-11370	Oil Seal	2	20	710-05276	Stud	2

PARTS LIST

Craftsman Engine Model 265-JU For Snow Thrower Model 247.88780

Ref.	Part No.	Description	Qty.
—	751-12029	Short Block Assembly (Not Shown)	—
5	951-11565	Head Cover Gasket	1
21	951-11285	Muffler Gasket	1
30	951-11567	Carburetor Insulator Gasket	1
31	951-11568	Carburetor Insulator Plate	1
46	751-11898	Cylinder Head Gasket	1
48	751-11899	Tappet	2
49	715-04090	Dowel Pin	2
52	951-11553	Piston Ring Set	1
53	951-11632	Piston Pin Snap Ring	2
54	751-11900	Piston	1
55	751-11901	Piston Pin	1
58	951-11573	Connecting Rod Assembly	1
59	951-11356	Governor Arm Shaft	1
60	736-04461	Washer	1
61	751-11902	Governor Seal	1
62	714-04074	Cotter Pin	1
63	951-11575	Camshaft Assembly	1
64	951-11369	Radial Ball Bearing	2
65	951-10307	Flywheel Key	1
66	—	Crankshaft Assembly	1
67	951-11576	Governor Gear/Shaft Assembly	1
68	715-04092	Dowel Pin, 7 x 14	1
69	715-04096	Dowel Pin, 9 x 14	1
70	951-11371	Crankcase Cover Gasket	1
71	—	Cover Complete, Left Crankcase	1
72	710-04932	Cover Bolt	7
73	951-11577	O-Ring	1
74	—	Oil Fill Plug	1
75	951-11368	Oil Seal	1
76	—	Crankcase	1
78	736-04440	Washer	1
79	710-04906	Oil Drain Plug Washer	1
80	951-11370	Oil Seal	2

Ref.	Part No.	Description	Qty.
—	751-12026	Gasket Kit, External (Not Shown)	—
5	951-11565	Head Cover Gasket	1
21	951-11285	Muffler Gasket	1
30	951-11567	Carburetor Insulator Gasket	1
31	951-11568	Carburetor Insulator Plate	1
32	751-11569A	Carburetor Gasket	1
34	951-11571	Carburetor Gasket Plate	2
78	736-04440	Washer	1
—	951-11246	Crankcase Cover Kit (Not Shown)	—
64	951-11369	Radial Ball Bearing	1
70	951-11371	Crankcase Cover Gasket	1
71	—	Case Cover	1
72	710-04932	Cover Bolt	7
73	—	O-Ring	1
74	—	Oil Fill Plug	1
75	951-11368	Oil Seal	1
—	751-12030	Crankshaft Kit (Not Shown)	—
64	951-11369	Radial Ball Bearing	2
65	951-10307	Flywheel Key	1
66	—	Crankshaft Assembly	1
75	951-11368	Oil Seal	1
80	951-11370	Oil Seal	1

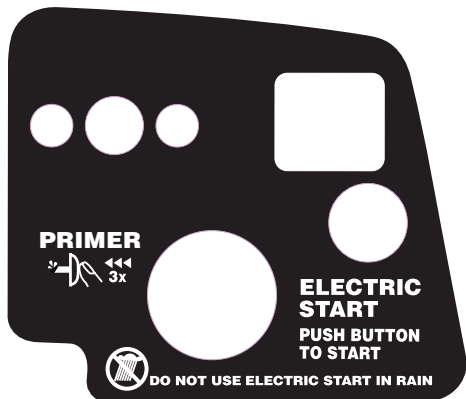
PARTS LIST

Craftsman Snow Thrower Model 247.88780

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777I23462



777S33731



777X43688



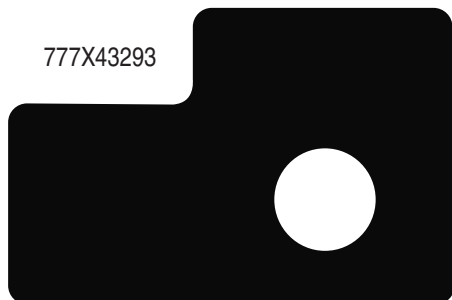
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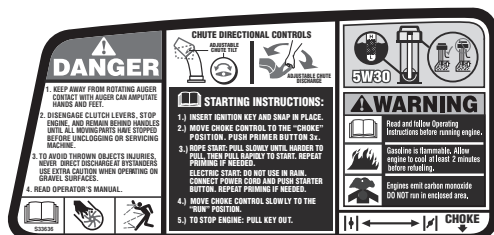
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777D14845



777I22138



777D15192



777I23463

