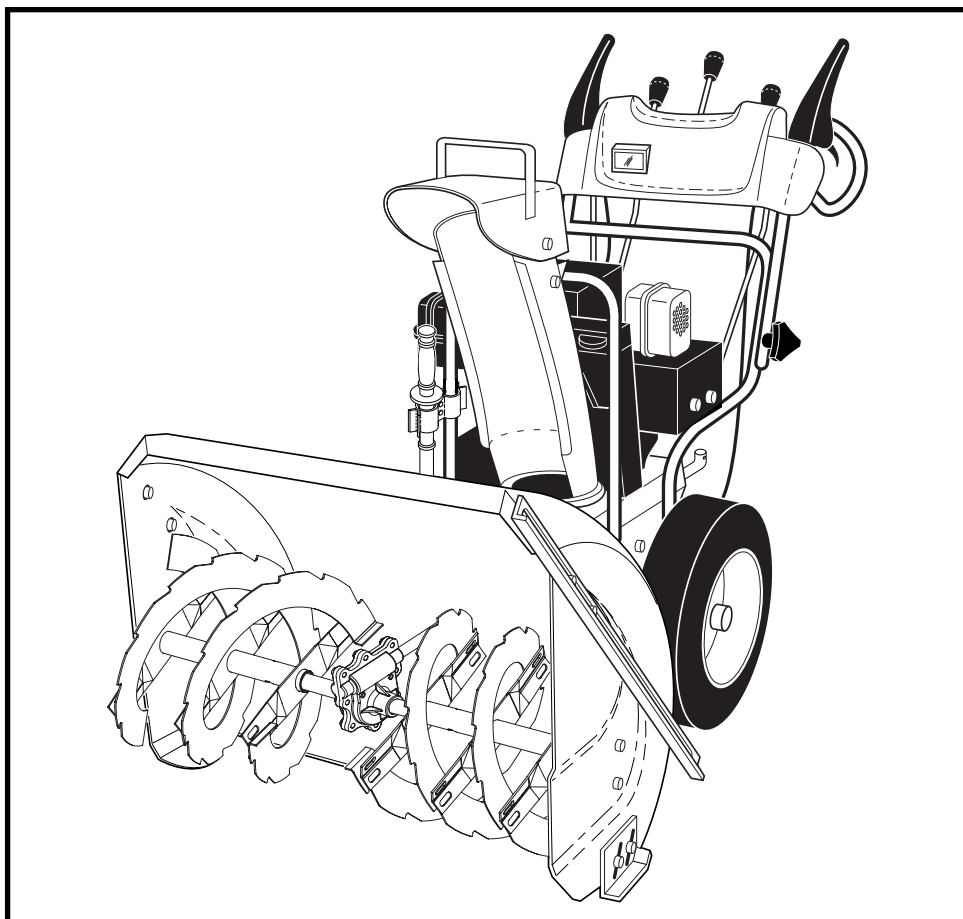


SEARS

OWNER'S MANUAL

**MODEL NO.
944.524693**

Caution:
Read and follow
all Safety Rules
and Instructions
Before Operating
This Equipment



CRAFTSMAN®



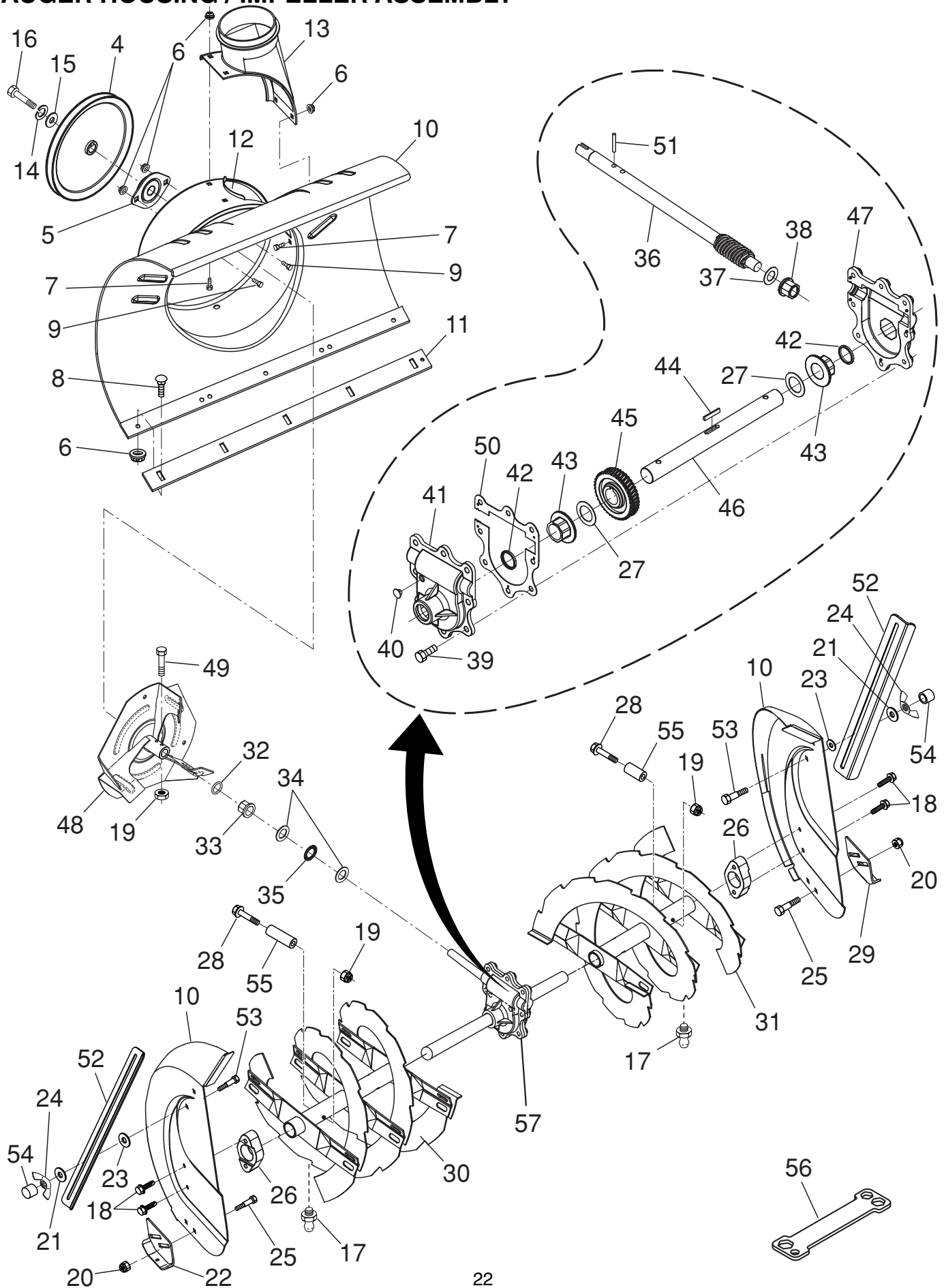
9.5 HP 27" TWO-STAGE POWER-PROPELLED SNOW THROWER

- Assembly
- Operation
- Maintenance
- Service and Adjustments
- Repair Parts

REPAIR PARTS

SNOW THROWER - - MODEL NUMBER 944.524693

AUGER HOUSING / IMPELLER ASSEMBLY



REPAIR PARTS**SNOW THROWER - - MODEL NUMBER 944.524693****AUGER HOUSING / IMPELLER ASSEMBLY**

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
4	191079	Pulley, Impeller	30	405977X479	Auger Assembly, RH
5	188909	Bearing Assembly, Flange	31	405976X479	Auger Assembly, LH
6	198541	Nut, Hex Flange 5/16-18	32	407768	O-Ring
7	180355	Bolt, Flat Head, Carriage 5/16-18 x 5/8	33	407769	Bushing, Flange 3/4
8	72250505	Bolt, Carriage 5/16-18	34	174681	Washer, Thrust 3/4
9	199879	Bolt, Hex Head 5/16-18 x 5/8	35	174684	Bearing, Thrust 3/4
10	404926X615	Housing, Auger	36	407757	Shaft, Impeller
11	404932X479	Bar, Scraper	37	174683	Washer, Thrust 5/8
12	178675X008	Bracket, Corner Discharge	38	407758	Bushing, Flange 5/8
13	175322	Base, Discharge Chute	39	407767	Screw, Hex Head 5/16-18 x 3/4
14	19111507	Washer, Flat	40	407760	Plug, Case
15	10040500	Washer, Lock 5/16	41	407761	Housing, Gearbox, RH
16	74950512	Screw, Hex Head 5/16-18 x 3/4	42	407770	Seal, Oil
17	405637	Fitting, Grease	43	407762	Bushing, Flange, 1"
18	179582	Screw, Hex Head 5/16 x 1	44	189282	Key, Square 1/4 x 1/4 x 7/8
19	73800400	Nut, Hex Lock 1/4-20	45	407763	Gear, Worm
20	198541	Nut, Hex Lock 5/16-18	46	407764	Shaft, Auger
21	401347	Washer, Flat 5/16	47	407765	Housing, Gearbox, LH
22	178777X479	Skid Plate, RH	48	175321X479	Impeller Assembly
23	179246	Washer, Nylon	49	74780426	Screw, Hex Head 1/4-20 x 1-5/8
24	128638	Wing Nut	50	407766	Gasket, Gearbox
25	72270506	Bolt, Carriage 5/16-18 x 3/4	51	7836M	Pin, Roll 3/16 x 1-1/8
26	174658	Bearing, Auger	52	405697X479	Bar, Drift Cutter
27	174697	Washer, Thrust, 1"	53	198648	Bolt
28	198636	Bolt, Shear	54	198709	Stop
29	174762X479	Skid Plate, LH	55	198638	Spacer
			56	180684	Multi-Wrench
			57	196710	Gearbox Assembly

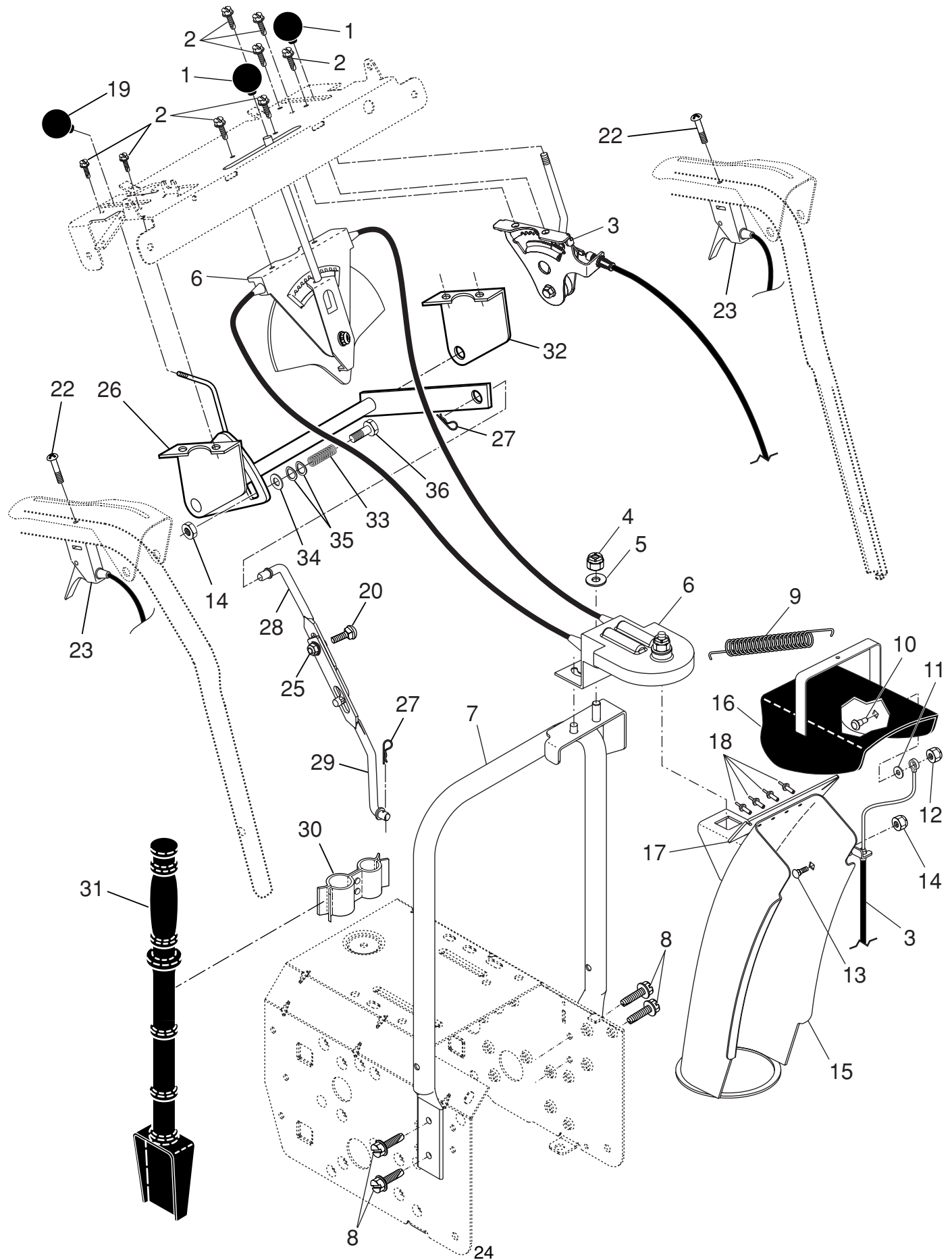
NOTE: All component dimensions given in U.S. inches. 1 inch = 25.4 mm

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REPAIR PARTS

SNOW THROWER - - MODEL NUMBER 944.524693

CONTROL PANEL / DISCHARGE CHUTE



REPAIR PARTS**SNOW THROWER - - MODEL NUMBER 944.524693****CONTROL PANEL / DISCHARGE CHUTE**

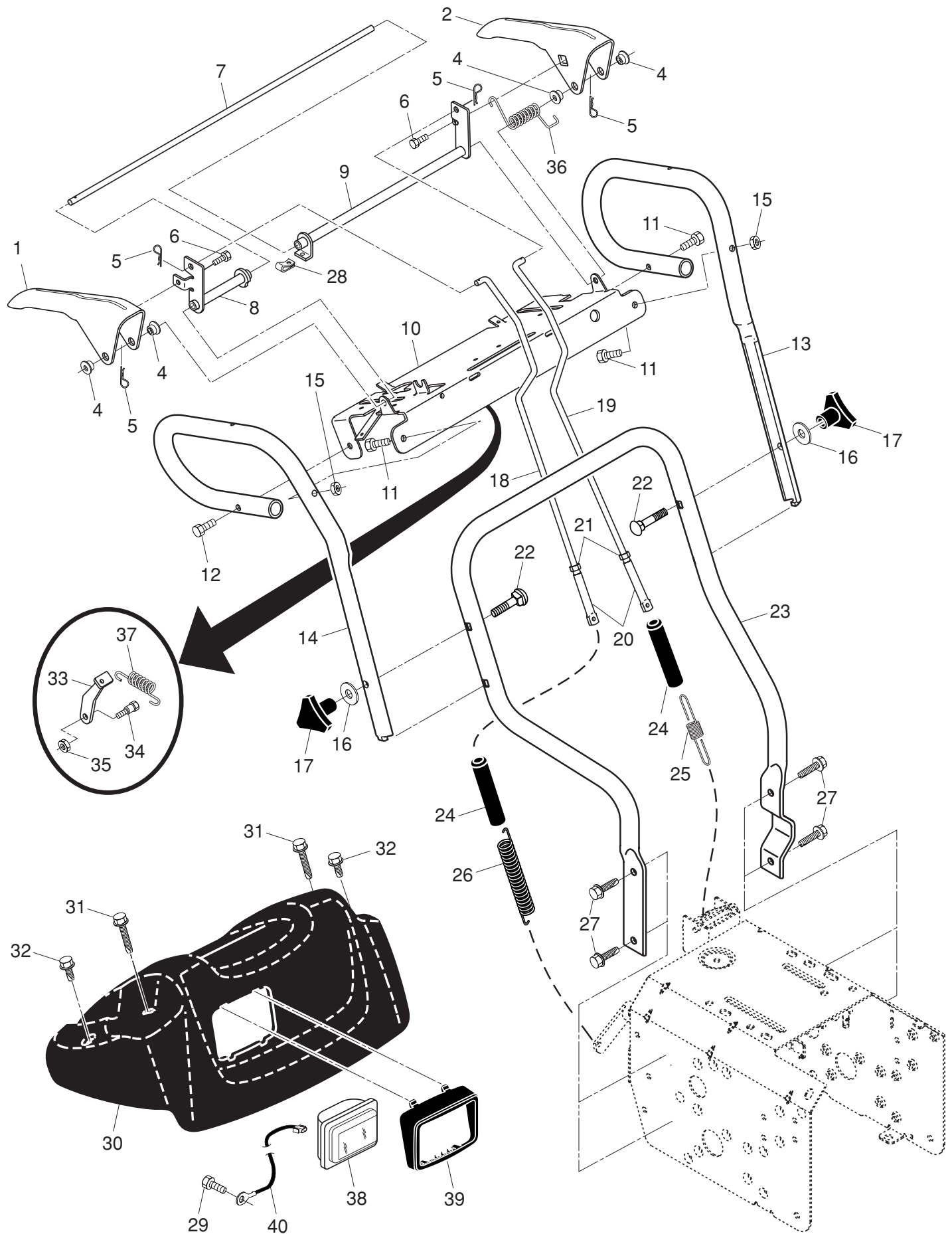
KEY NO.	PART NO.	DESCRIPTION
1	183334	Knob, Lever, Black
2	17501010	Screw #10-24 x 5/8
3	198475	Control Assembly, Deflector
4	73800600	Nut, Lock 3/8-16
5	19131316	Washer, Flat 3/8
6	198473	Control Assembly, Chute Rotater
7	405784X479	Support, Pivot
8	150078	Screw, Hex Head 5/16-18 x 3/4
9	184505	Spring, Deflector
10	179829	Bolt, Shoulder
11	179246	Washer, Friction, Nylon
12	73800400	Nut, Lock 1/4-20
13	72250505	Bolt, Carriage 5/16-18
14	73800500	Nut, Lock 5/16-18
15	404770X615	Chute Assembly
16	178633X615	Deflector Assembly
17	179145	Seal, Deflector
18	128415	Rivet, Blind
19	183333	Knob, Speed Control Lever, Red
20	72270506	Bolt, Carriage 5/16-18 x 3/4
22	74041024	Screw #10-24 x 1-1/2
23	188303	Control Assembly, Power Steering
25	198541	Nut, Hex, Flangelock 5/16-18
26	192001	Lever Assembly, Speed Control
27	169675	Retainer, Hairpin
28	187782	Rod, Upper, Speed Control
29	187784	Rod, Lower, Speed Control
30	192710	Clamp, Mounting, Clean-Out Tool
31	192199	Tool, Clean-Out
32	192002	Bracket, Shift
33	192195	Spring
34	179246	Washer, Nylon
35	155415	Washer
36	74760552	Bolt, Hex Head 5/16-18 x 3-1/4

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REPAIR PARTS HANDLES

SNOW THROWER - - MODEL NUMBER 944.524693



REPAIR PARTS HANDLES

SNOW THROWER - - MODEL NUMBER 944.524693

KEY NO.	PART NO.	DESCRIPTION
1	405783X479	Lever, Auger Control, RH
2	405999X479	Lever, Traction Drive Control, LH
4	178888	Bushing, Flange
5	169675	Retainer, Hairpin
6	17060408	Screw, Hex Head 1/4-20 x 3/4
7	178652	Rod, Interlock
8	184003	Tube Assembly, Interlock, RH
9	178651	Tube Assembly, Interlock, LH
10	178645X479	Panel, Control
11	74780524	Screw, Hex Head 5/16-18 x 1-1/2
12	74780528	Screw, Hex Head 5/16-18 x 1-3/4
13	407856X479	Handle Tube, LH
14	407857X479	Handle Tube, RH
15	751153	Nut, Lock 5/16-18
16	19131316	Washer, Flat 3/8
17	178899	Knob, Handle
18	193447	Rod, Auger Control
19	180485	Rod, Traction Control
22	72120618	Bolt, Carriage 3/8-16 x 2-1/4
23	178643X479	Handle Tube, Lower
24	192091	Sleeve, Spring
25	180926	Spring, Traction Drive
26	178669	Spring, Auger Control
27	17000616	Screw, Hex Head 3/8-16 x 1
28	180494	Clip, Panel
29	193072	Screw, Headlight Ground Wire to Blower Housing
30	182906	Console, Panel
31	175262	Screw, Hex Head, Tapping #10-24 x 1-1/4
32	184471	Screw, Hex Head, Tapping #10-24 x 1/2
33	175399X008	Latch, Interlock
34	183518	Bolt, Shoulder
35	68038	Nut, Lock 1/4-20
36	178831	Spring, Torsion, Lever
37	178658	Spring, Interlock
38	178666	Headlight, Halogen (Includes Bulb)
- -	401620	Bulb, Halogen
39	178668	Bezel, Headlight
40	180964	Harness, Headlight (Halogen)

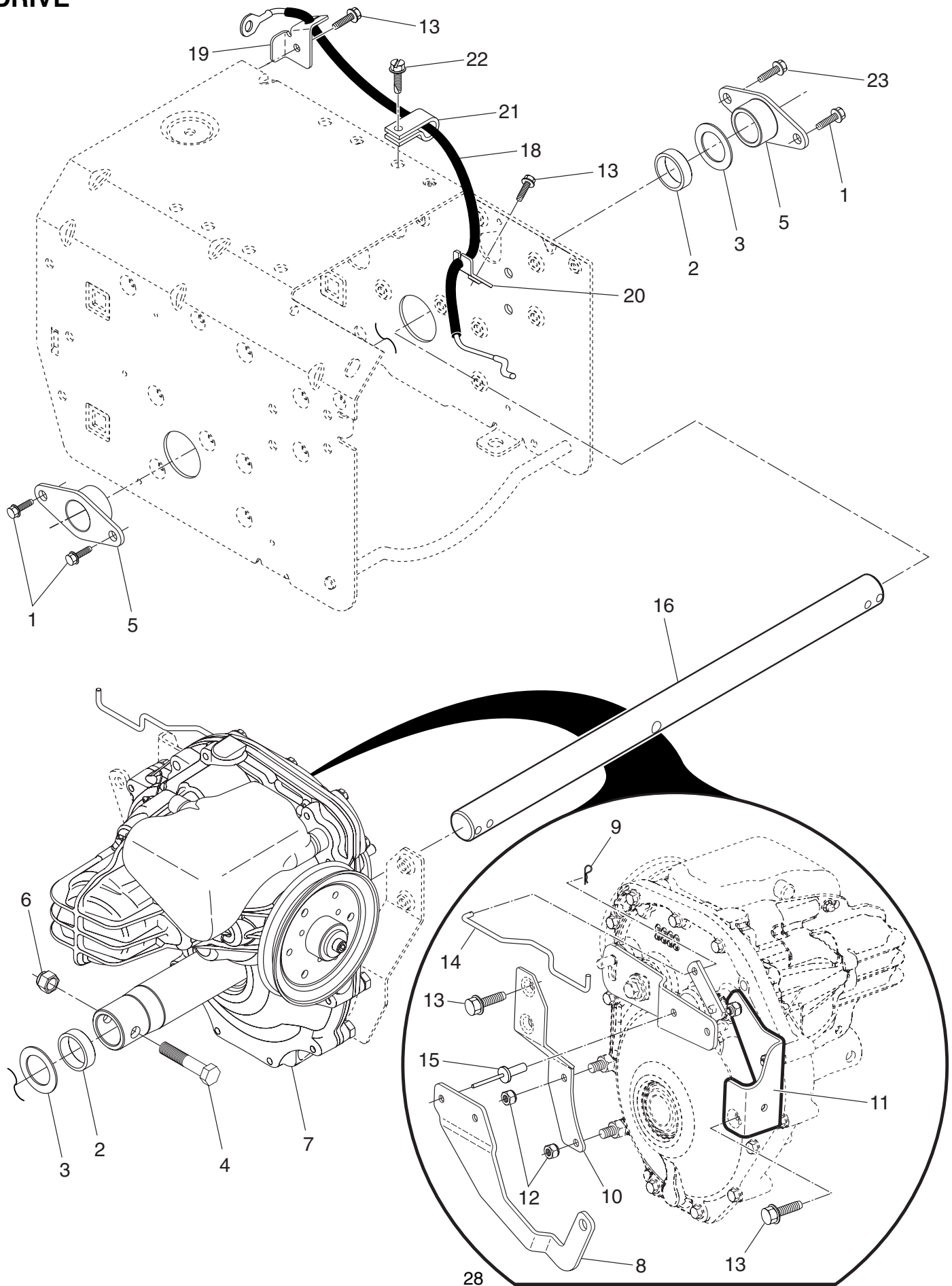
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REPAIR PARTS

SNOW THROWER - - MODEL NUMBER 944.524693

DRIVE



REPAIR PARTS DRIVE

SNOW THROWER - - MODEL NUMBER 944.524693

KEY NO.	PART NO.	DESCRIPTION
1	198584	Screw 1/4-20 x 1/2
2	187794	Spacer, Axle
3	174697	Washer, Thrust
4	74780632	Screw, Cap, Hex Head 3/8-16 x 2
5	179830	Bearing, Axle
6	73800600	Nut, Hex, Centerlock 3/8-16
7	187776	Transmission Assembly
8	187787	Speed Control Arm, Hydro
9	700279	Retainer Clip
10	188101	Torque Strap
11	193255X479	Bracket, Anti-Rotate
12	73800400	Nut, Hex, Nylock 1/4-20
13	150078	Screw, Hex Washer Head 5/16-18 x 3/4
14	193256	Rod, Bypass Valve
15	191995	Pop Rivet
16	404308	Shaft, Axle
18	198466	Cable, Drive Control
19	192000	Bracket, Cable, Rear
20	191993	Bracket, Cable, Front
21	87930	Clip, Cable
22	17391208	Screw, Slotted Hex Head 1/8 x 1/2
23	146315	Screw, Hex Head 5/16-18 x 3/4

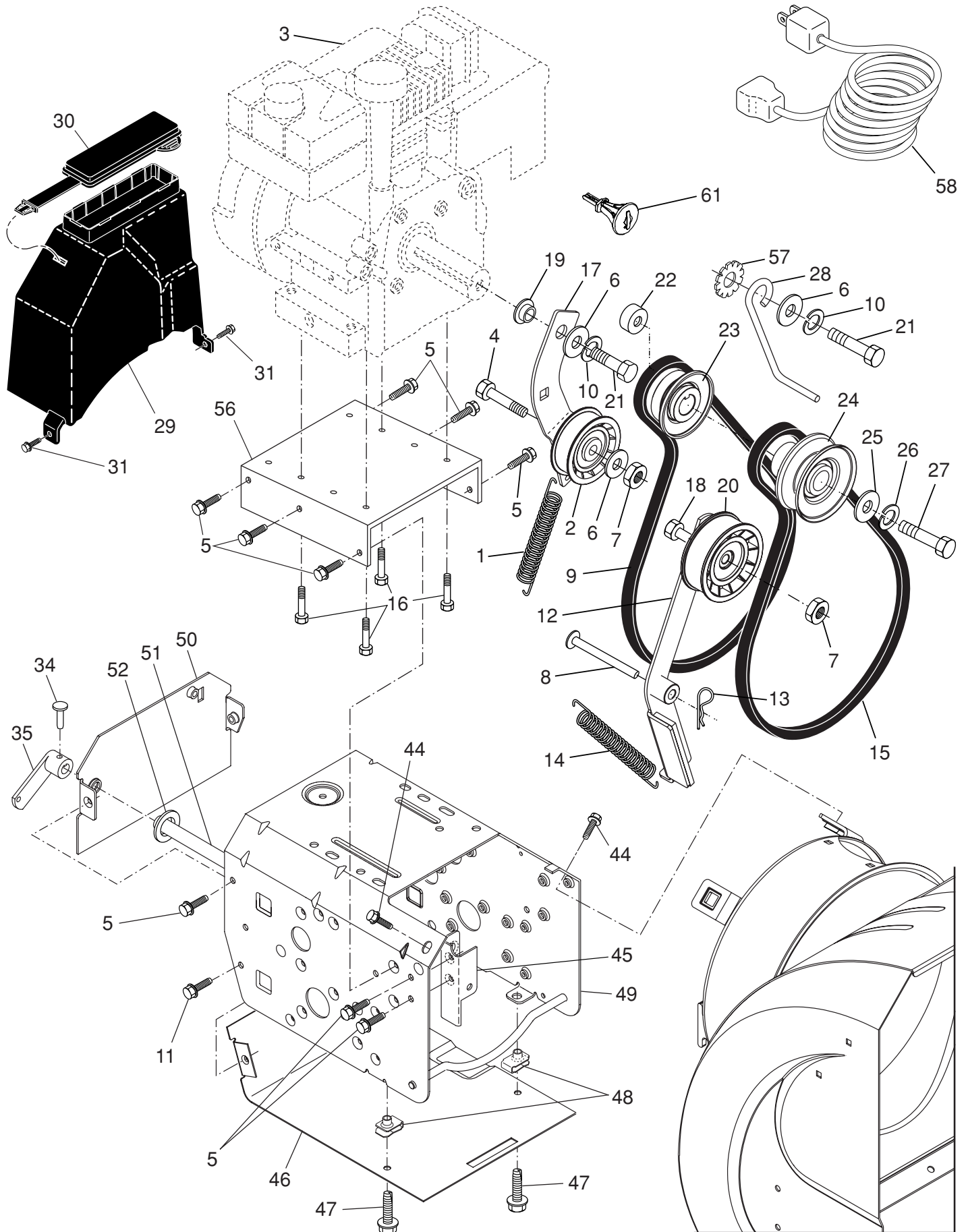
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REPAIR PARTS

SNOW THROWER - - MODEL NUMBER 944.524693

CHASSIS / ENGINE / PULLEYS



REPAIR PARTS**SNOW THROWER - - MODEL NUMBER 944.524693****CHASSIS / ENGINE / PULLEYS**

KEY NO.	PART NO.	DESCRIPTION
1	192873	Spring, Traction Idler
2	180522	Pulley, Idler (2-1/4)
3	---	Engine, Briggs & Stratton, Model Number 20B414-0369-E1 (See Breakdown)
4	74780520	Screw, Hex Head 5/16-18 x 1-1/4
5	150078	Screw, Hex Washer Head 5/16-18 x 3/4
6	59289	Washer, Flat
7	166785	Nut, Jam, Lock 5/16-18
8	175330	Pin, Idler Pivot
9	192383	V-Belt, Traction Drive
10	10040500	Washer, Lock 5/16
11	198584	Bolt, Hex Head, Threaded, Rolled 5/16-18 x 1/2
12	179259	Impeller Idler Arm
13	85179	Retainer, Hairpin
14	178828	Spring, Brake
15	408007	V-Belt, Impeller Drive
16	150406	Screw, Hex Head 3/8-16 x 1-1/4
17	187786	Arm, Idler
18	74780524	Screw, Hex Head 5/16-18 x 1-1/2
19	198559	Bushing, Idler Pivot
20	180523	Pulley, Idler (2-3/4)
21	74610516	Screw, Hex Head 5/16-18 x 1
22	179371	Spacer, Engine Pulley
23	180478	Pulley, Engine, Traction Drive
24	179157	Pulley, Engine, Impeller Drive
25	400026	Washer, Flat 3/8
26	850263	Washer, Lock 3/8
27	851084	Screw, Hex Head 3/8-24 x 1-3/8
28	193607	Guide, Belt
29	192213	Belt Cover Assembly (Includes Toolbox Cover)
30	178830	Cover, Toolbox
31	405024	Screw, Hex Head 1/4-20 x 1/2
34	198580	Clevis Pin
35	405484	Arm, Auger Control
44	17000616	Screw, Hex Head
45	193397X479	Bracket, Pivot, Idler
46	187785X479	Pan, Frame Bottom
47	71020512	Screw, Hex Head 5/16-18 x 3/4
48	181156	Nut, Speed 5/16-18
49	404429X615	Frame Assembly
50	192115X615	Plate, Frame End
51	406109	Shaft, Auger Control
52	57079	Washer, Hardened
56	183537X615	Mounting Plate, Engine
57	11050500	Washer, Lock, External Tooth 5/16
58	198563	Power Cord
61	193071	Safety Ignition Key

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SNOW THROWER - - MODEL NUMBER 944.524693



REPAIR PARTS

WHEELS

SNOW THROWER - - MODEL NUMBER 944.524693

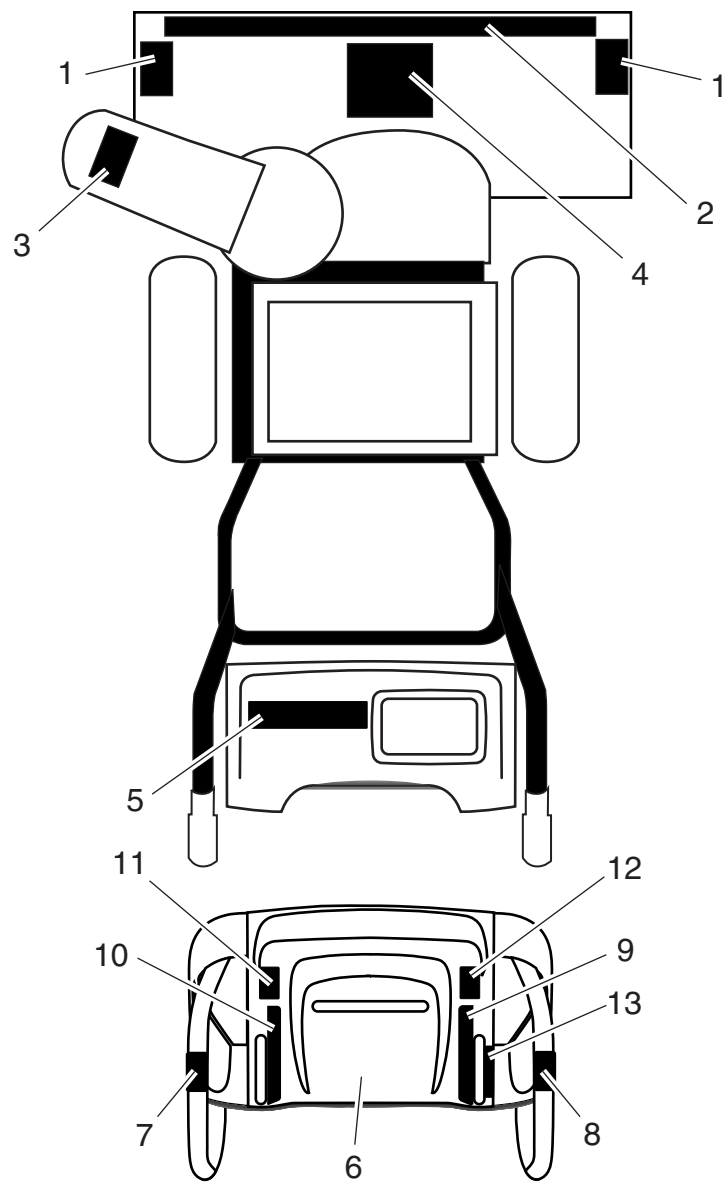
KEY NO.	PART NO.	DESCRIPTION
1	196752X417	Wheel Assembly, 16", with Power Steering, LH
2	155443	Pin, Klik 1/4
3	405161	Cover, Power Steering
4	184471	Screw, Shoulder, Hex Head #10-24 x 1/2
7	17000616	Screw, Hex Head 3/8-16 x 1
8	185603X479	Bracket, Steering Cable, RH
9	185602X479	Bracket, Steering Cable, LH
10	17600406	Screw, Cap, Hex Head 5/16-18 x 3/4
11	198584	Screw, Hex Head 5/16-18 x 1/2
12	406057	Link, Steering Lever
13	193506X479	Lever Assembly, Steering
14	182015	Pin, Steering Lever
15	194944X008	Bellcrank
16	194939X008	Bracket Assembly, LH Steering
17	194943X008	Bracket Assembly, RH Steering
18	181847	Pin, Steering Bellcrank
19	85179	Retainer, Hairpin
20	179148X479	Bracket, Lever Assembly
21	192126	Driver, Wheel
22	182466	Ring, Wire Retainer
23	187622	Lobe, Wheel
24	194941	Slide, Clutch
25	179139	Spring, Clutch Slide
26	194940	Lobe, Axle
27	189282	Key, Square 1/4 x 1/4 x 7/8
28	174697	Washer, Thrust (1")
29	179830	Bearing, Axle
30	193885	Spring, Return, Steering Latch
31	196753X417	Wheel Assembly, 16", with Power Steering, RH
32	700279	Clip, Retainer
33	12000045	Ring, Retaining
34	150078	Screw, Tapping, Hex Head 5/16-18 x 3/4

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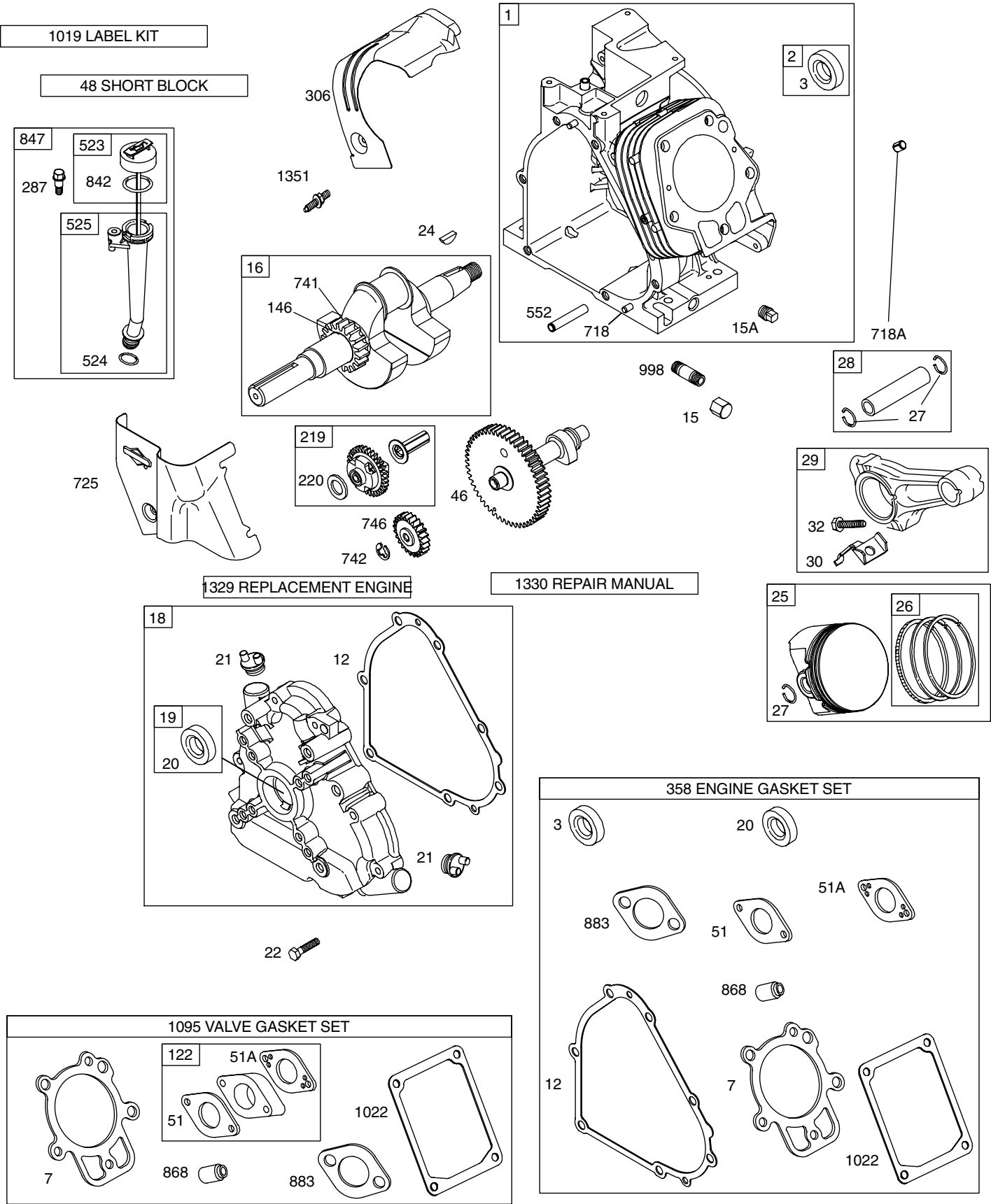
**REPAIR PARTS
DECALS**

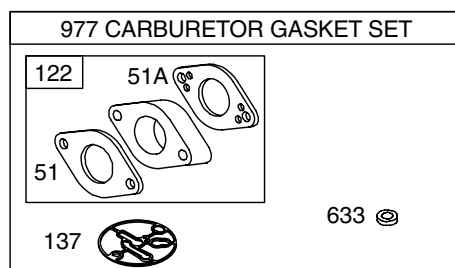
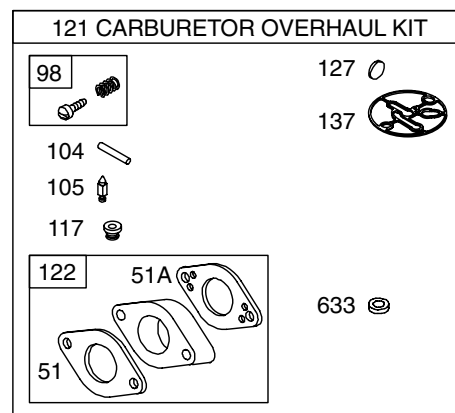
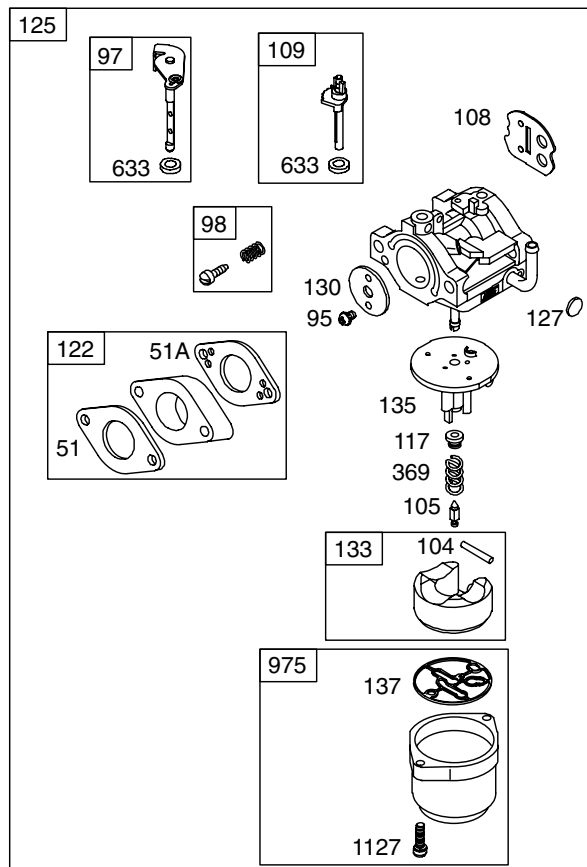
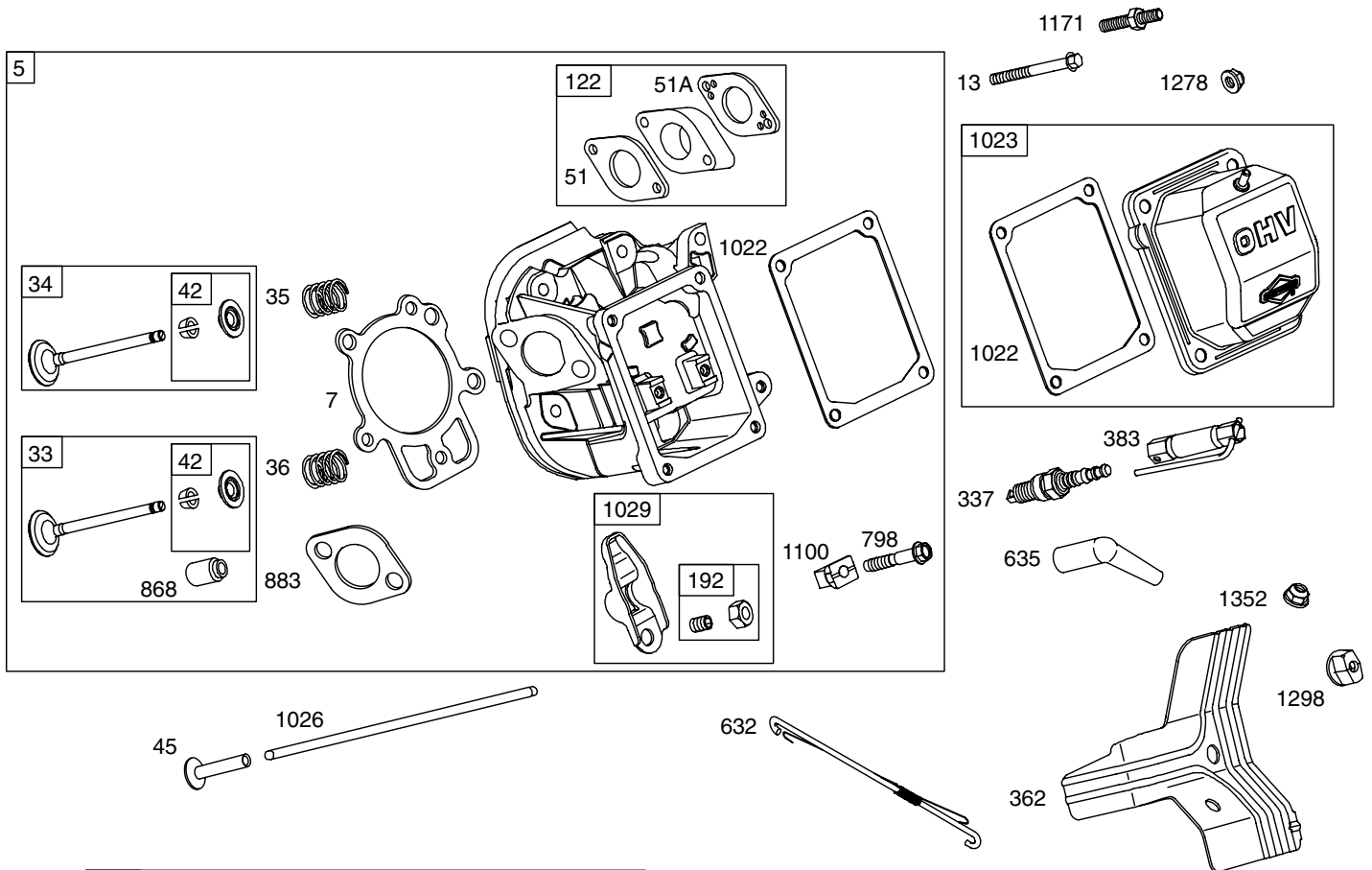
SNOW THROWER - - MODEL NUMBER 944.524693



KEY NO.	PART NO.	DESCRIPTION
1	181037	Decal, Danger
2	192174	Decal, Craftsman
3	181035	Decal, Danger, Deflector
4	181042	Decal, Danger
5	183876	Decal, Craftsman
6	181033	Decal, Instruction
7	155798	Decal, Traction Lever
8	155800	Decal, Auger Lever
9	181039	Decal, Speed Control
10	183730	Decal, Remote Deflector
11	183907	Decal, LH Trigger
12	183905	Decal, RH Trigger
13	193460	Decal, Console, Hydro
--	408928	Owner's Manual, English
--	408929	Owner's Manual, French

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KEY PART NO. NO.	DESCRIPTION	KEY PART NO. NO.	DESCRIPTION
1 696772	Cylinder Assembly	108 696736	Valve-Choke
2 698340	Kit-Bushing/Seal (Magneto Side)	109 696735	Shaft-Choke
3 391086	• Seal-Oil (Magneto Side)	117 696134	Ø Jet-Main (Standard)
5 697233	Head-Cylinder	118 696135	Ø Jet-Main (High Altitude)
7 694872	•+ Gasket-Cylinder Head	121 696146	Kit-Carburetor Overhaul
11 696750	Tube-Breather	122 694876	+ Ø‡ Spacer-Carburetor
12 694953	• Gasket-Crankcase	125 696737	Carburetor
13 690360	Screw (Cylinder Head)	127 690727	Ø Plug-Welch
15 695757	Plug-Oil Drain	130 696139	Valve-Throttle
15A 691686	Plug-Oil Drain	133 694914	Float-Carburetor
16 696412	Crankshaft	135 696142	Tube-Fuel Transfer
18 696914	Cover-Crankcase	137 695426	Ø‡ Gasket-Float Bowl
19 698340	Kit-Bushing/Seal (PTO Side)	146 690979	Key-Timing
20 391086	• Seal-Oil (PTO Side)	187 691050	Line-Fuel (Cut to Required Length)
21 281658	Cap-Oil Fill	187A 695429	Line-Fuel
22 695174	Screw (Crankcase Cover/Sump)	188 690877	Screw (Control Bracket)
23 695485	Flywheel	190 692127	Screw (Fuel Tank)
24 222698	Key-Flywheel	192 690083	Adjuster-Rocker Arm
25 694003	Piston Assembly (Standard)	209 694867	Spring-Governor
694007	Piston Assembly (.020" Oversize)	219 693578	Gear-Governor
26 694004	Ring Set (Standard)	220 691724	Washer (Governor Gear)
694008	Ring Set (.020" Oversize)	222 698034	Bracket-Control
27 690975	Lock-Piston Pin	227 694864	Lever-Governor Control
28 690229	Pin-Piston	271 698035	Lever-Control
29 694691	Rod-Connecting	281 697400	Panel-Control
30 694692	Dipper-Connecting Rod	287 691693	Screw (Dipstick Tube)
32 690976	Screw (Connecting Rod)	300 699222	Muffler
33 499596	Valve-Exhaust	304 697469	Housing-Blower
34 697464	Valve-Intake	305 691108	Screw (Blower Housing)
35 694865	Spring-Valve (Intake)	306 697240	Shield-Cylinder
36 694865	Spring-Valve (Exhaust)	309 698112	Motor-Starter
42 499586	Keeper-Valve	332 694685	Nut (Flywheel)
45 690977	Tappet-Valve	333 715231	Armature-Magneto
46 790496	Camshaft	334 691061	Screw (Magneto Armature)
48 - - -	Short Block	337 491055	Plug-Spark
51 694874	•+Ø‡ Gasket-Intake	356 696700	Wire-Stop
51A 694875	•+Ø‡ Gasket-Intake	356A 696748	Wire-Stop
53 696753	Stud (Carburetor)	358 695438	Gasket Set-Engine
55 696710	Housing-Rewind Starter	362 698041	Shield-Spark Plug
58 693389	Rope-Starter (Cut to Length)	369 695422	Spring-Float Bowl
60 695740	Grip-Starter Rope	383 19374	Wrench-Spark Plug
65 690837	Screw (Rewind Starter)	410 695382	Link-Control
95 690718	Screw (Throttle Valve)	455 697226	Cup-Flywheel
97 696387	Shaft-Throttle	456 692299	Plate-Pawl Friction
98 695408	Ø Kit-Idle Speed	459 281505	Pawl-Ratchet
104 694918	Ø Pin-Float Hinge	472 696752	Knob-Choke Shaft
105 696136	Ø Valve-Float Needle	474 694457	Alternator

KEY PART NO. NO.	DESCRIPTION	KEY PART NO. NO.	DESCRIPTION
485 695755	Knob-Control	957 695737	Cap-Fuel
504 695383	Washer Set-Friction	958 698180	Valve-Fuel Shut Off
505 691251	Nut (Governor Control Lever)	972 695728	Tank-Fuel
523 695344	Dipstick	975 696138	Bowl-Float
524 691876	Seal-O Ring (Dipstick Tube)	976 790221	Primer-Carburetor
525 695343	Tube-Dipstick	977 696147	Gasket Set-Carburetor
528 696751	Hose-Primer	990 695756	Key Set
552 694674	Bushing-Governor Crank	998 696683	Pipe-Oil
562 691119	Bolt (Governor Control Lever)	1005 694684	Fan-Flywheel
592 690800	Nut (Rewind Starter)	1019 790459	Kit-Label
597 691696	Screw (Pawl Friction Plate)	1022 690971	•+ Gasket-Rocker Cover
601 95162	Clamp-Hose	1023 698042	Cover-Rocker
604 696758	Cover-Control	1026 695177	Rod-Push
608 699335	Starter-Rewind	1029 690972	Arm-Rocker
613 695312	Screw (Muffler)	1036 698179	Label-Emissions
613A 696705	Screw (Muffler)	1070 691058	Screw (Flywheel Fan)
615 694676	Retainer-Governor Shaft	1095 695440	Gasket Set-Valve
616 694675	Crank-Governor	1100 690973	Pivot-Rocker Arm
621 692310	Switch-Stop	1119 691183	Screw (Alternator)
629 695307	Spring-Throttle Return	1127 695407	Screw (Float Bowl)
632 695917	Spring/Link-Mechanical Governor	1138 694255	Nut (Control Bracket)
633 690998	Ø‡ Seal-Choke/Throttle Shaft	1171 696754	Stud (Rocker Arm Cover)
635 710901	Boot-Spark Plug	1196 696692	Screw (Snow Hood)
663 696685	Screw (Control Panel)	1210 498144	Pulley / Spring Assembly (Pulley)
663A 696704	Screw (Control Panel)	1211 498144	Pulley / Spring Assembly (Spring)
668 694257	Spacer(Control Bracket)	1224 696824	Nut (Carburetor Primer)
689 691855	Spring-Friction	1230 696747	Stud (Control Bracket)
697 698113	Screw (Starter Motor)	1251 696762	Shield-Snow
718 690959	Pin-Locating	1252 696763	Screw (Snow Shield)
718A 695178	Pin-Locating	1278 696757	Nut (Rocker Cover)
725 696756	Shield-Heat	1288 696757	Nut (Snow Hood)
727 697465	Cover-Starter Drive	1288A 698111	Nut (Snow Hood)
731 790222	Hood-Snow	1298 698111	Knob-Snow Hood
732 691097	Screw (Starter Drive Cover)	1329 20B414-0017	Replacement Engine
741 691288	Gear-Timing	1330 272147	Repair Manual
742 692564	Retainer-E Ring	1351 790017	Stud (Cylinder Shield)
746 694679	Gear-Idler	1352 790026	Nut (Spark Plug Shield)
773 694258	Retainer		
798 697890	Screw (Rocker Cover)		• Included in Engine Gasket Set, Key No. 358
832 699223	Guard-Muffler		Ø Included in Carburetor Overhaul Kit, Key No. 121
836 691003	Screw (Muffler Guard)		‡ Included in Carburetor Gasket Set, Key No. 977
842 691031	Seal-O Ring (Dipstick)		+ Included in Valve Gasket Set, Key No. 1095
847 695342	Dipstick/Tube Assembly		
868 690968	•+ Seal-Valve		
883 695398	•+ Gasket-Exhaust		
892 696749	Switch-Key		
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NOTE: All component dimensions given in U.S. inches
1 inch = 25.4 mm

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