Parts Manual for

SNAPPER®

(L.E.) SINGLE STAGE SNOW THROWER SERIES 0 & 1

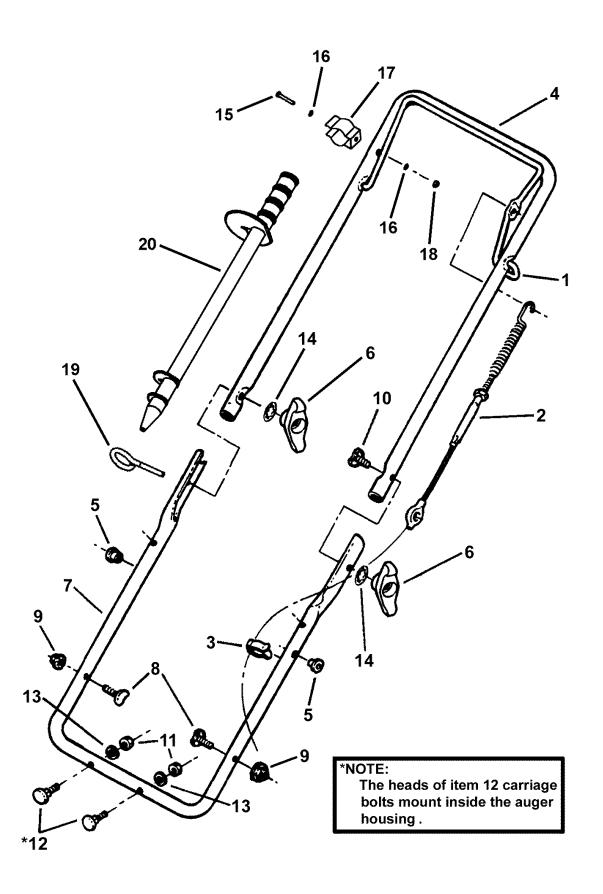


MODEL ELE3190R (84675)

LE3170E (80488) LE3170R (80370) LE3170R (84362) LE3170R (84559) LE3171R (7085660) LE3171R (85660) LE3190E (80371) LE3190E (84364) LE3190E (84561) LE3190R (80487) LE3190R (84363) LE3190R (84560) LE3191E (7085662) LE3191E (85662) LE3191R (7085661) LE3191R (85661)

SNAPPER. McDonough, GA, 30253 U.S.A.

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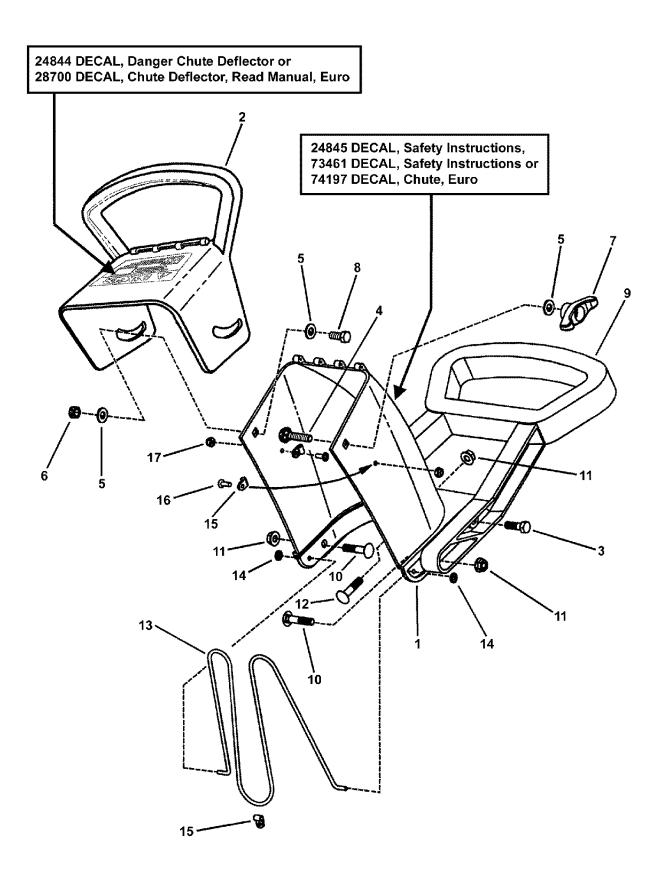


HANDLES, AUGER CONTROL

<u>Item</u>	Part No	Qty	Description	Note
1	7024645	1	BAIL, Drive Control	
2	7024662	1	CABLE, Drive Control	
3	7023813	1	CLIP, Wiring Harness	
4	7033496	1	HANDLE, Upper	
5	7091182	2	INSERT, Nylon	
6	7035744	2	KNOB, 5/16-18 Wing (Black)	
7	7036570	1	HANDLE, Lower	
8	7091190	2	BOLT, 5/16-18 x 1-3/8" Curved Head	
9	7091601	2	NUT, 5/16-18 Hex Flange Lock, GR 5	Was 91070
10	7091013	2	BOLT, 5/16-18 x 2" Curved Head, GR 2	
11	7091511	2	NUT, 5/16-18 Hex	Was 90196
12	7091612	2	* BOLT, 5/16-18 x 1-1/2" Square Neck Carriage, GR 5	Was 90582
13	7090187	2	WASHER, 5/16" Split Lock	
14	7090391	2	WASHER, 5/16" Internal Tooth Lock	
15	7091757	1	SCREW, #10-24 x 1-1/4" Hex Head Cap, GR 5	
16	7090011	2	WASHER, #10 Flat	
17	7071895	1	HOLDER, Snostik, Upper	
18	7091267	1	NUT, #10-24 Hex Center Lock	
19	7075342	1	HOLDER, Snostik, Lower (5/16-18 thread)	
20	7075909	1	SNOW STICK	

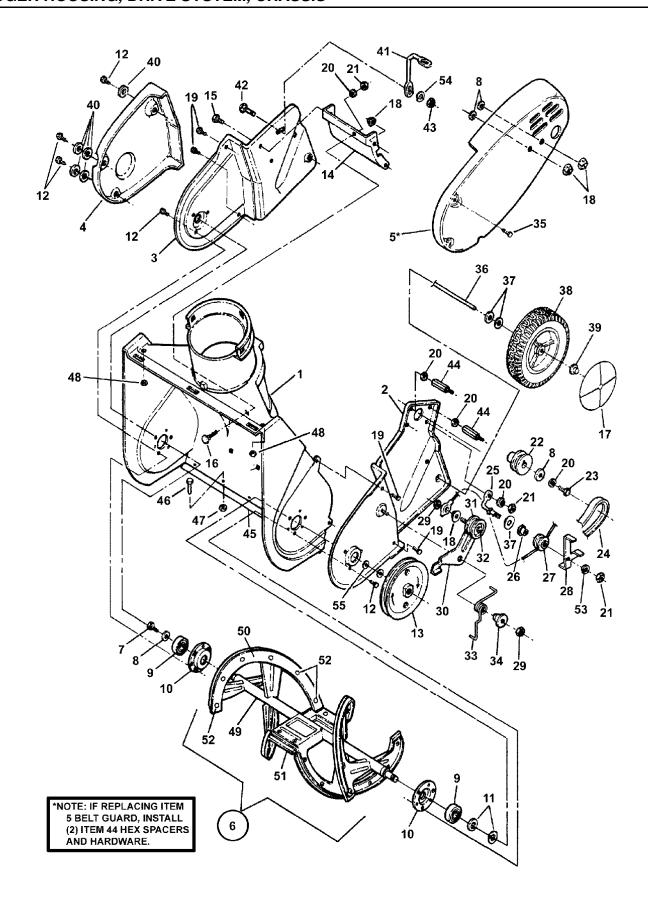
Footnotes:

Note* The heads of item 12 carriage bolts are inside the auger housing.



DISCHARGE CHUTE, DEFLECTOR, CONTROL HANDLE

Item	Part No	Qty	Description	Note
1	7052973	1	CHUTE, Discharge w/inserts	Was 59232 (Model ELE3190R; shown)
1	7052973	1	CHUTE, Discharge w/inserts (incl. decal # 24845)	Models LE3170R, LE3190R & LE3190E
1	7052973	1	CHUTE, Discharge w/inserts	Was 52978, Models 3190M, 3190E & all Series 1
2	7059231	1	DEFLECTOR, Chute (incl. decal # 24106)	Model ELE3190R
2	7052975	1	DEFLECTOR, Chute (incl. decal # 24844)	Models LE3170R, LE3190R, LE3190E, 3190M, 3190E & all Series 1
3	7091318	2	SCREW, 5/16-18 x 3/4" Hex Head Cap, GR 2	Was 90206
4	7091303	1	BOLT, 5/16-18 x 1" Short Neck Carriage, GR 5	Was 91072
5	7091076	3	WASHER, 5/16" Flat	
6	7091606	1	NUT, 5/16-24 Hex Center Lock, GR B	Was 91074
7	7035744	1	KNOB, 5/16-18 Wing (Black)	
8	7091021	2	SCREW, 5/16-24 x 3/4" Hex Head Cap, GR 5	
9	7046340	1	HANDLE, Chute Control	
10	7091612	2	BOLT, 5/16-18 x 1-1/2" Square Neck Carriage, GR 5	Was 90582
11	7091601	3	NUT, 5/16-18 Hex Flange Lock, GR 5	Was 91070
12	7090316	1	BOLT, 5/16-18 x 3/4" Short Neck Carriage, GR 5	Was 91097
13	7019692	1	WIRE, Safety	
14	7023673	2	FASTENER, Push On, .156 Internal Diameter	
15	7074198	3	CLIP, Guard	Tinnerman # C2980
16	7092077	3	SCREW, #8-32 x 1/2" Pan Head Cross Recess	
17	7092078	3	NUT, #8-32 Hex (w/free spinning external lock washer)	



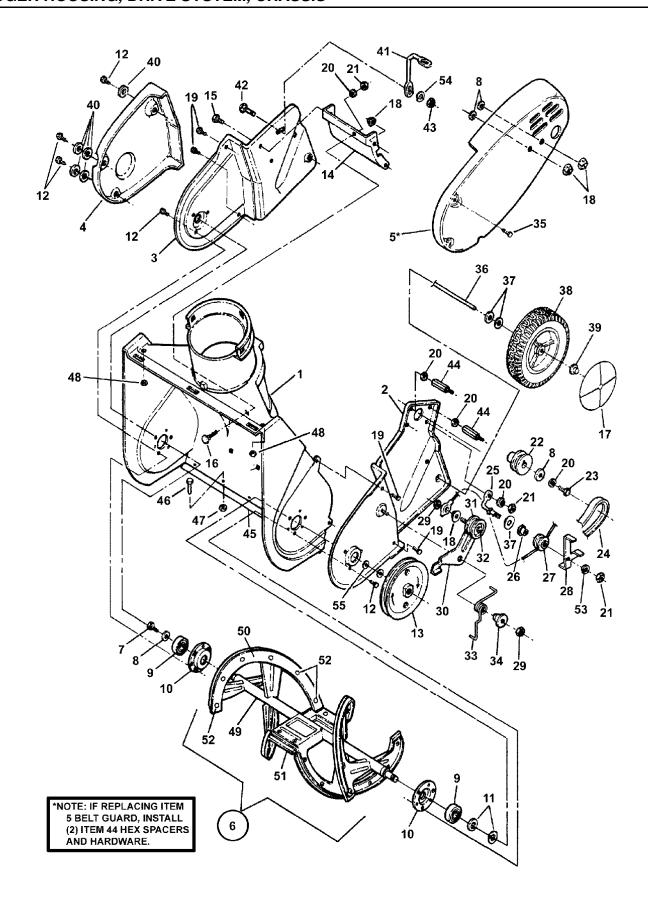
AUGER HOUSING, DRIVE SYSTEM, CHASSIS

Item	Part No	Qty	Description	Note
1	7052968	1	* ASSEMBLY, Auger Housing	17" Models
1	7052969	1	ASSEMBLY, Auger Housing	19" Non-Euro Models
1	7059233	1	ASSEMBLY, Auger Housing	Model ELE3190R
2	7052963	1	ASSEMBLY, End Frame, L.H.	17" Models
2	7052964	1	ASSEMBLY, End Frame, L.H.	19" Models
3	7041335	1	FRAME, End, R.H.	17" Models
3	7041333	1	FRAME, End, R.H.	19" Models
4	7026116	1	COVER, R.H. Side	17" Models
4	7026117	1	COVER, R.H. Side	19" Models
5	7034327	1	** GUARD, Belt Drive	fits all models
6	7052939	1	ASSEMBLY, Auger (incl. items 49 thru 52)	17" Models
6	7052940	1	ASSEMBLY, Auger (incl. items 49 thru 52)	19" Models
7	7090361	1	SCREW, 5/16-18 x 5/8" Hex Washer Self-Tap	
8	7014098	3	WASHER, 5/16" Flat	
9	7014608	2	BALL BEARING	
10	7034385	2	RETAINER, 1-3/4" O.D. Bearing	
11	7010935	2	WASHER, 3/4" Shim	
12	7091012	9	SCREW, #10-32 x 3/8" Hex Washer Self-Tap (Torx)	
13	7018635	1	PULLEY	
14	7033457	1	BRACE, Engine	
15	7091084	2	SCREW, 1/4-20 x 3/8" Hex Washer Self-Tap	
16	7090316	1	BOLT, 5/16-18 x 3/4" Short Neck Carriage, GR 5	Was 91097
17	7019381	2	COVER, Wheel	94 Model Year & earlier
18	7091601	4	NUT, 5/16-18 Hex Flange Lock, GR 5	Was 91070
19	7091081	4	SCREW, 1/4-15 x 1" Hex Washer Self-Tap	
20	7090187	7	WASHER, 5/16" Split Lock	
21	7091511	5	NUT, 5/16-18 Hex	Was 90196
22	7022179	1	PULLEY, Engine	
23	7090233	1	SCREW, 5/16-24 x 3/4" Hex Head Cap, GR 5	
24	7024618	1	V-BELT, 3L Section, 34.27" effective length	Snapper part no. printed on part
25	7024800	1	GUIDE, Cable	17" Models
25	7024743	1	GUIDE, Cable	19" Models
26	7012306	1	BUSHING, Flange	
27	7024228	1	PULLEY, Nylon	
28	7033729	1	GUIDE, Belt	
29	7091575	2	NUT, 5/16-18 Hex Center Lock	Was 91067
30	7033695	1	BRACKET, Idler Pivot	

Footnotes:

Note* Riveted housing, throat & ring assembly with scraper installed

Note** 1994 & earlier models use a different belt guard & one hex spacer. If replacing item 5 belt guard, install (2) item 44 hex spacers & hardware.



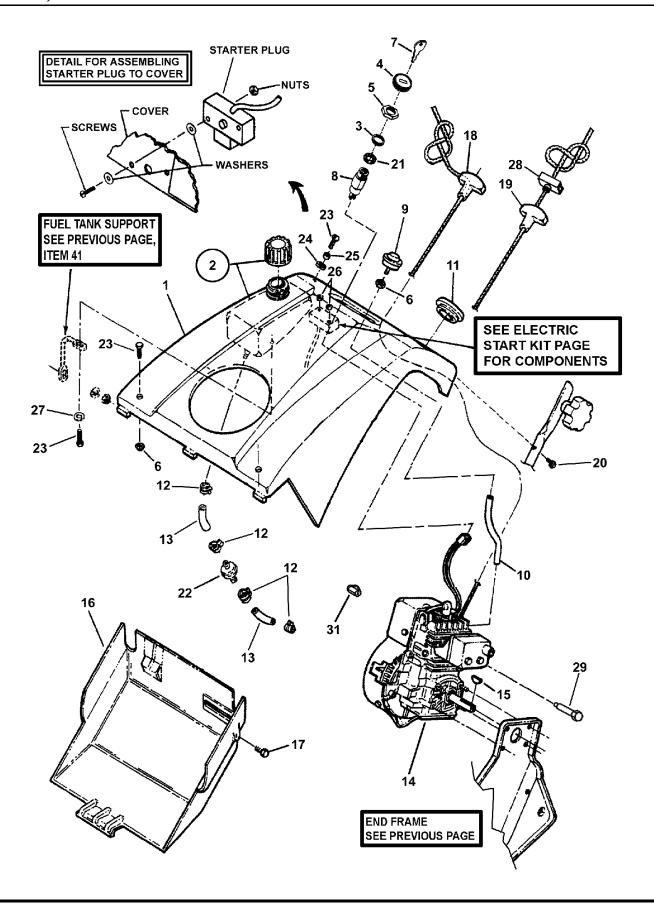
AUGER HOUSING, DRIVE SYSTEM, CHASSIS

Item	Part No	Qty	Description	Note
31	7024626	1	PULLEY, Idler	19" Models
31	7027460	1	PULLEY, Single Flange Idler	17" Models
32	7090669	1	SCREW, 5/16-18 x 1-3/4" Hex Head Cap, GR 5	
33	7024621	1	SPRING, Idler Torsion	
34	7024620	1	BUSHING, Pivot	
35	7091195	3	SCREW, #10-16 x 3/4" Pan Head Self-Tap	
36	7033692	1	AXLE, 3/8" Dia. Wheel	
37	7014098	4	WASHER, 3/8" Flat	
38	7026160	2	WHEEL, 7 x 1.50	
38	7026240	2	WHEEL, 7"	Models 3190M, 3190E & Series 1
39	7014667	2	PUSH NUT, 3/8"	
40	7090010	5	WASHER, #10 Flat	
41	7024852	1	SUPPORT, Fuel Tank	
42	7091573	1	BOLT, 1/4-20 x 5/8" Short Neck Carriage, GR 5	Was 90666
43	7090372	1	NUT, 1/4-20 Hex Nyloc	
44	7027924	2	SPACER, Hex (2.69" long)	17" Models
44	7027925	2	SPACER, Hex (3.69" long)	19" Models
45	7035947	1	BLADE, Scraper	17" Models
45	7035948	1	BLADE, Scraper	19" Models
46	7091148	4	SCREW, 1/4-20 x 1/2" Pan Head Machine (Torx)	
47	7090372	4	NUT, 1/4-20 Hex Nyloc	
48	7090372	2	NUT, 1/4-20 Hex Center Lock	Was 91099
49	7047026	1	WELDMENT, Auger	17" Models
49	7047025	1	WELDMENT, Auger	19" Models
50	7029566	4	SHOE, Flite	17" Models
51	7018638	4	SHOE, Flite	19" LE Models
51	7029565	4	SHOE, Flite	Models 3190M, 3190E & 19" Series 1
51	7014612	2	SHOE, Center Flite	
52	7091286	24	SCREW, #10-24 x 1/2" Hex Washer Self-Tap Sems	
53	7090391	1	WASHER, 5/16" Internal Tooth Lock	
54	7090052	1	WASHER, 1/4" Split Lock	
55	7010935	2	WASHER, 3/4" Flat	

Footnotes:

Note* Riveted housing, throat & ring assembly with scraper installed

Note** 1994 & earlier models use a different belt guard & one hex spacer. If replacing item 5 belt guard, install (2) item 44 hex spacers & hardware.

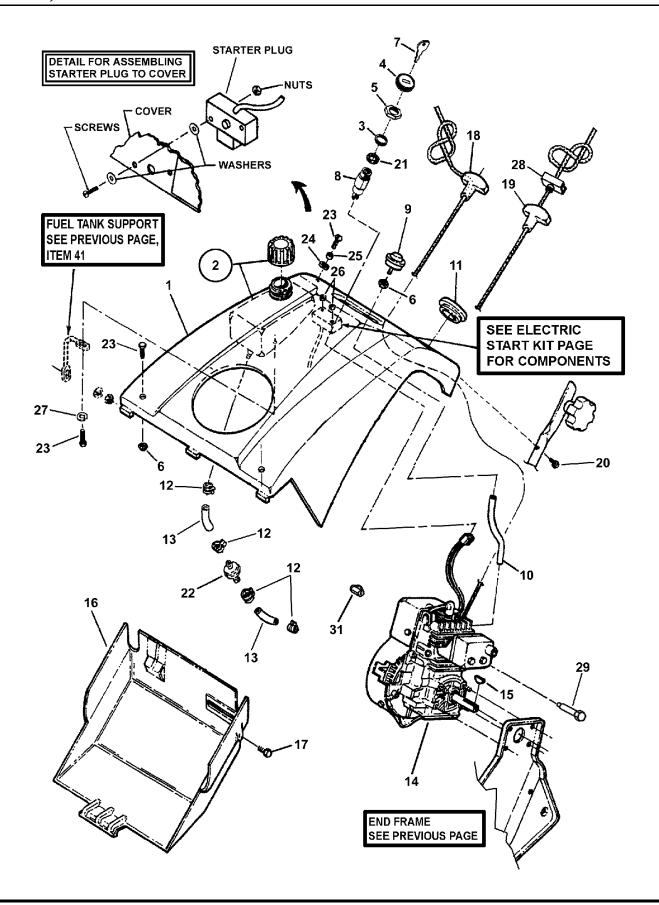


COVERS, ENGINE

Item	Part No	Qty	Description	Note
1	7052977	1	COVER, Top (includes Eyelet # 24636)	all Models except 3190M & 3190E
1	7058013	1	COVER, Top (includes Eyelet # 24636)	3190M & 3190E
2	7052974	1	ASSEMBLY, Fuel Tank (includes Cap # 24495)	
3	7016132	1	SPACER	
4	7023506	1	BEZEL	
5	7012685	1	NUT, 5/8-32 Hex	
6	7091584	1	NUT, 1/4-20 Hex Flange lock	Was 91065
7	7011138	1	KEY (Pair)	
8	7017817	1	SWITCH, Ignition	
9	7014638	1	PRIMER	
10	7014639	1	HOSE, Primer	.126/.141 I.D. x 9-1/2" long
11	7091183	1	PLUG, Hole	
12	7029900	2	CLAMP, Fuel Hose	
13	7076272	2	HOSE, Fuel	1/4" I.D. x 8-1/2" long
14		1	* ENGINE, 3 HP Tecumseh (HSK 600-1683T)	17" Models (Engine Crank Shaft: 2.21" long)
14		1	* ENGINE, 3 HP Tecumseh (HSK 600-1691T)	19" Models (Engine Crank Shaft: 3.21" long)
14		1	* ENGINE, 3 HP Tecumseh (HSK 600-1702T)	19" Electric Start Models (Engine Crank Shaft: 3.21" long)
14		1	* ENGINE, 3 HP Tecumseh (TH098SA-1732E)	17" Series 1
14		1	* ENGINE, 3 HP Tecumseh (TH098SA-1733E)	19" Series 1
14		1	* ENGINE, 3 HP Tecumseh (TH098SA-1734E)	19" Euro Series 1
15	7010783	1	KEY, 5/32 x 5/8" Woodruff	
16	7023978	1	COVER, Bottom	Recoil Start Models
16	7024923	1	COVER, Bottom	Electric Start Models
17	7090913	2	SCREW, #10-24 x 1/2" Hex Washer Self-Tap (Torx)	
18	7024478	1	HANDLE, Pull Rope	94 Model Year and Earlier
19	7028201	1	HANDLE, Pull Rope	95 Model Year and Later
19	7025063	1	HANDLE, Pull Rope	3190M, 3190E & Series 1
				Models (not shown)
20	7091196	2	SCREW, #8 x 1-1/4" Hi-Lo Self-Tap	
21	7091546	1	WASHER, 5/8" Internal Tooth Lock	Was 90880
22	7014359	1	FILTER, In-Line	
23	7091495	3	SCREW, 1/4-20 x 3/4" Hex Head Cap, GR 5	Was 90073
24	7027910	1	ISOLATOR, Fuel Tank/Cover	
25	7027911	1	SPACER	
26	7090010	4	WASHER, #10 Flat	Electric Start Models only
27	7090052	1	WASHER, 1/4" Split Lock	
28	7028202	1	INSERT, Starter Handle	95 Model Year and Later
29	7027945	2	MUFFLER STUD	LE317

Footnotes:

Note * Purchase engine & engine parts other than those listed, from engine service outlets.

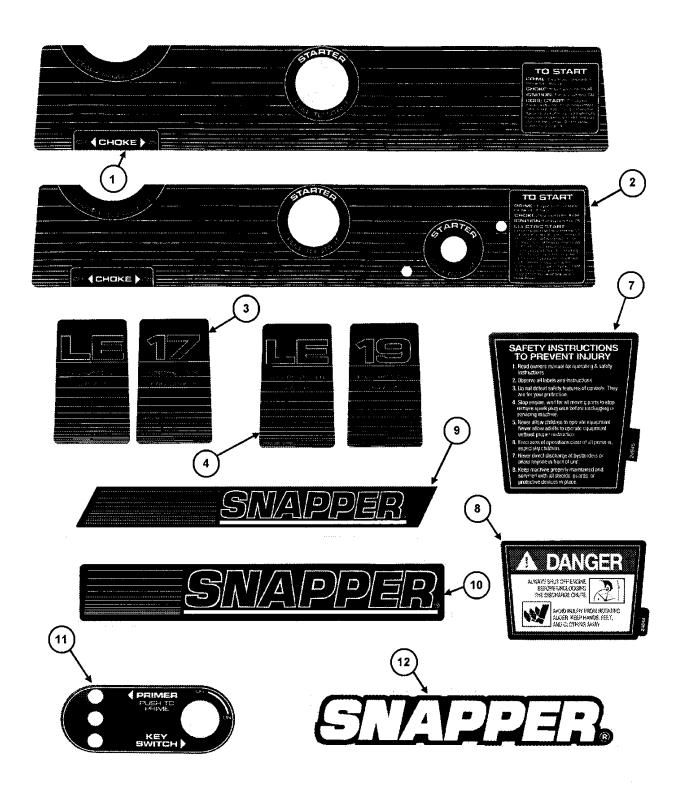


COVERS, ENGINE

<u>Item</u>	Part No	Qty	Description	Note
30	7024640	2	MUFFLER STUD	LE319 (not shown)
31	7028599	1	KNOB, Red	

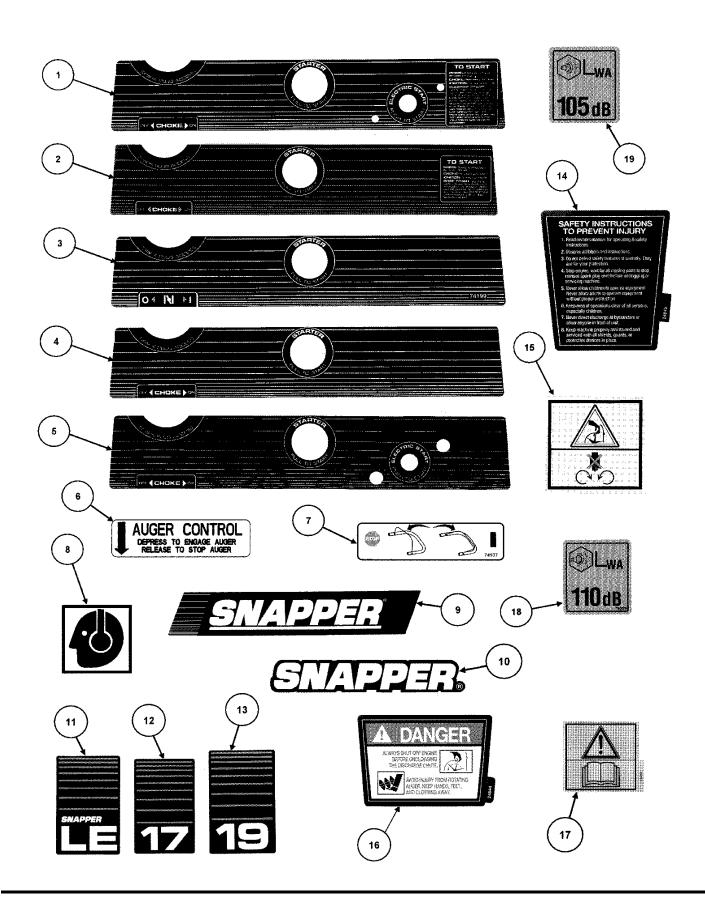
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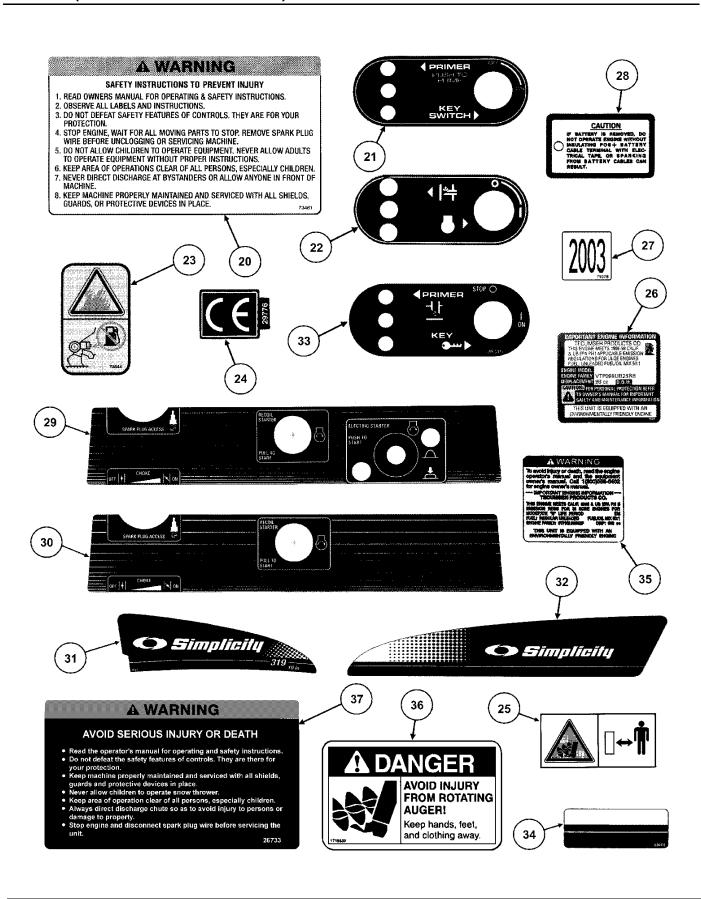
DECALS (94 MODEL YEAR & EARLIER)

Item	Part No	Qty	Description	Note
1	7024848	1	DECAL, Panel Instructions	Recoil Start Models
2	7024851	1	DECAL, Panel Instructions	Electric Start Models only
3	7024846	1	DECAL, 17" Models	Electric Start Models only
3	7026851	1	DECAL, 17" Models	Electric Start Models only
4	7024850	1	DECAL, 19" Models	Electric Start Models only
4	7026850	1	DECAL, 19" Models	Recoil Start Models
7	7024845	1	DECAL, Safety Instruction	
8	7024844	1	DECAL, Danger	
9	7026091	1	DECAL, SNAPPER (Top Cover)	
10	7026092	1	DECAL, SNAPPER (Belt Cover)	
11	7024849	1	DECAL, Primer Instruction	
12	7024983	1	LOGO, SNAPPER	



DECALS (95 MODEL YEAR & LATER) Pt. 1

Item	Part No	Qty	Description	Note
1	7028292	1	DECAL, Panel Instructions	Electric Start Models only
2	7073463	1	DECAL, Panel Instructions	Was 28291 Recoil Start Models
3	7074199	1	DECAL, Panel Instructions	Euro Models
4	7073463	1	DECAL, Panel Instructions	Recoil Start Models
5	7073466	1	DECAL, Panel Instructions	Electric Start Models only
6	7072883	1	DECAL, Auger Control	
7	7074137	1	DECAL, Auger Control	Euro Models
8	7027733	1	DECAL, Ear Protection	
9	7028284	1	DECAL, SNAPPER (Belt Cover)	13" long
9	7028290	1	DECAL, SNAPPER (Belt Cover)	15" long
10	7024983	1	LOGO, SNAPPER	
11	7028285	1	DECAL, L.E. Model	
12	7028286	1	DECAL, 17" Model	
13	7028287	1	DECAL, 19" Model	
14	7024845	1	DECAL, Chute, Safety Instructions	
15	7074197	1	DECAL, Chute	Euro Models
16	7024844	1	DECAL, Danger, Chute Deflector	
17	7028700	1	DECAL, Deflector, Read Manual	Euro Models
18	7074329	1	DECAL, Sound (110 dB)	
19	7074136	1	DECAL, Sound (105 dB)	



DECALS (95 MODEL YEAR & LATER) Pt. 2

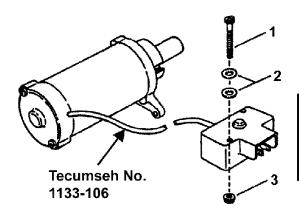
Item	Part No	Qty	Description	Note
20	7073461	1	DECAL, Warning Safety Instructions	
21	7028288	1	DECAL, Primer Instruction	
22	7074209	1	DECAL, Primer Instruction	Euro Models
23	7073844	1	DECAL, Fuel Safety	
24	7029776	1	DECAL, Euro Community	
25	7028711	1	DECAL, Foot/Danger	Euro Models
26	7046276	1	DECAL, Tecumseh 3HP Carb/EPA Certified	Tecumseh p/n 64-1654-64
27	7074548	1	DECAL, 2002 Year of Manufacture (Not shown)	
27	7075378	1	DECAL, 2003 Year of Manufacture	
28	7016134	1	DECAL, Caution Tag	
29	7026218	1	DECAL, Panel Instructions	Electric Start Models only
30	7026217	1	DECAL, Panel Instructions	Recoil Start Models
31	7026241	1	DECAL, Top Cover, Left Hand	
32	7024565	1	DECAL, Top Cover, Right Hand	
33	7028315	1	DECAL, Primer Instruction/Key Switch	
34	7028004	1	DECAL, Top Cover, Front	
35	7044999	1	DECAL, Tecumseh 3HP Carb/EPA Certified	Tecumseh p/n 64-2128-105
36	1716532	1	DECAL, Danger, Auger	
37	7026733	1	DECAL, Warning Safety Instructions	

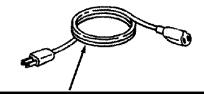
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Parts List Only

HARDWARE BAGS

<u>Item</u>	Part No	Qty	Description	Note
	7063186	1	HARDWARE BAG (includes Items 1 thru 6)	Model ELE3190R
	7061217	1	HARDWARE BAG (includes Items 1, 2, 3 & 5)	Models LE3170R, LE3190R, LE3190E, 3190M, 3190E & all Series 1
1	7091318	2	SCREW, 5/16-18 x 3/4" Hex Head Cap, GR 2	Was 90206
2	7091928	2	BOLT, 5/16-18 x 1-1/4" Square Neck Carriage	Was 90978
3	7091601	3	NUT, 5/16-18 Hex Flange Lock, GR 5	Was 91070
4	7092077	1	SCREW, #8-32 x 1/2" Pan Head Cross Recess	
5	7090316	1	BOLT, 5/16-18 x 3/4" Short Neck Carriage, GR 5	Was 91097
6	7092078	1	NUT, #8-32 Hex (w/free spinning external lock washer)	



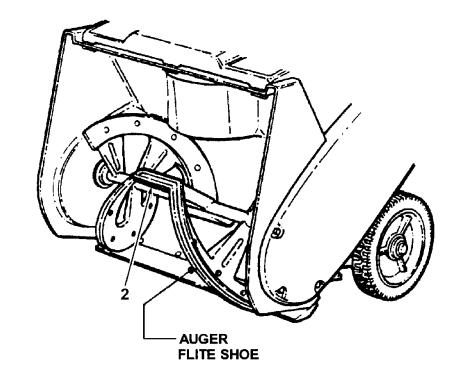


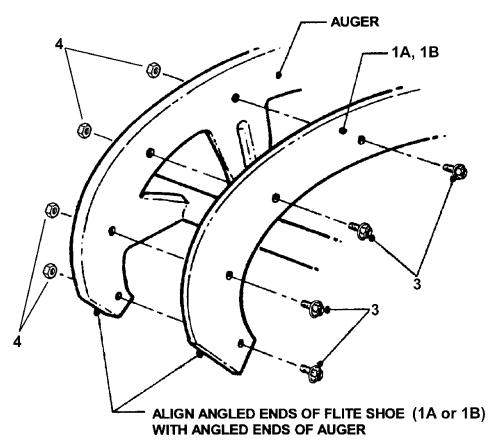
*10 FT. CORD INCLUDED WITH STARTER KIT (Tecumseh Part Numbers 1A174-17 or 32450-B) Snapper P/N 29747 (for LE3170E & LE3190E) or Snapper P/N 15368 (for model 3190E)

*Parts Available Only From Engine Manufacturer.

ACCESSORIES- ELECTRIC START KIT

Item	Part No	Qty	Description	Note
	7063186		BAG, Hardware (Incl. items 1 thru 6)	
1	7090206	2	SCREW, 5/16-18 x 3/4" Hex Head Cap GR5	discharge chute, item 3
2	7090978	2	BOLT, 5/16-18 x 1-1/4" Sq. Neck Carriage GR5	handles, item 11
3	7091070	3	NUT, 5/16-18 Hex Flange Lock GR5	discharge chute, item 11
4	7092077	1	SCREW, #8-32 x 1/2" Pan Head Cross Recess	discharge chute, item 16
5	7091097	1	BOLT, 5/16-18 x 3/4" Sq. Neck Carriage GR5	discharge chute, item 12
6	7092078	1	NUT, #8-32 Hex w/External Tooth Washer	discharge chute, item 17





ACCESSORIES- FLITE SHOE KITS

Item	Part No	Qty	Description	Note
	7061215	1	KIT, 17" Flite Shoe (incl. Items 1A, 2, 3 & 4)	
	7061213	1	KIT, 19" Flite Shoe (incl. Items 1B, 2, 3 & 4)	
1A	7029566	4	SHOE, 17" Flite Auger	
1B	7029565	4	SHOE, 19" Flite Auger	
2	7014612	2	SHOE, Flite Center	
3	7091148	24	* SCREW, 1/4-20 x 1/2" Machine	28 used in 19" kit
4	7090372	24	* NUT, 1/4-20 Hex Center Lock, GR 5 or B	28 used in 19" kit

Footnotes:

Note: * Items 3 & 4 were used on early models, but were replaced by self-tapping screws (91286) on later models.

Parts Manual for



(L.E.) SINGLE STAGE SNOW THROWER SERIES 0 & 1

IT IS THE POLICY OF BRIGGS & STRATTON CORP TO IMPROVE ITS PRODUCTS WHENEVER IT IS POSSIBLE AND PRACTICAL TO DO SO. WE RESERVE THE RIGHT TO MAKE CHANGES OR ADD IMPROVEMENTS AT ANY TIME WITHOUT INCURRING ANY OBLIGATION TO MAKE SUCH CHANGES ON PRODUCTS

SNAPPER. McDonough, GA, 30253 U.S.A.