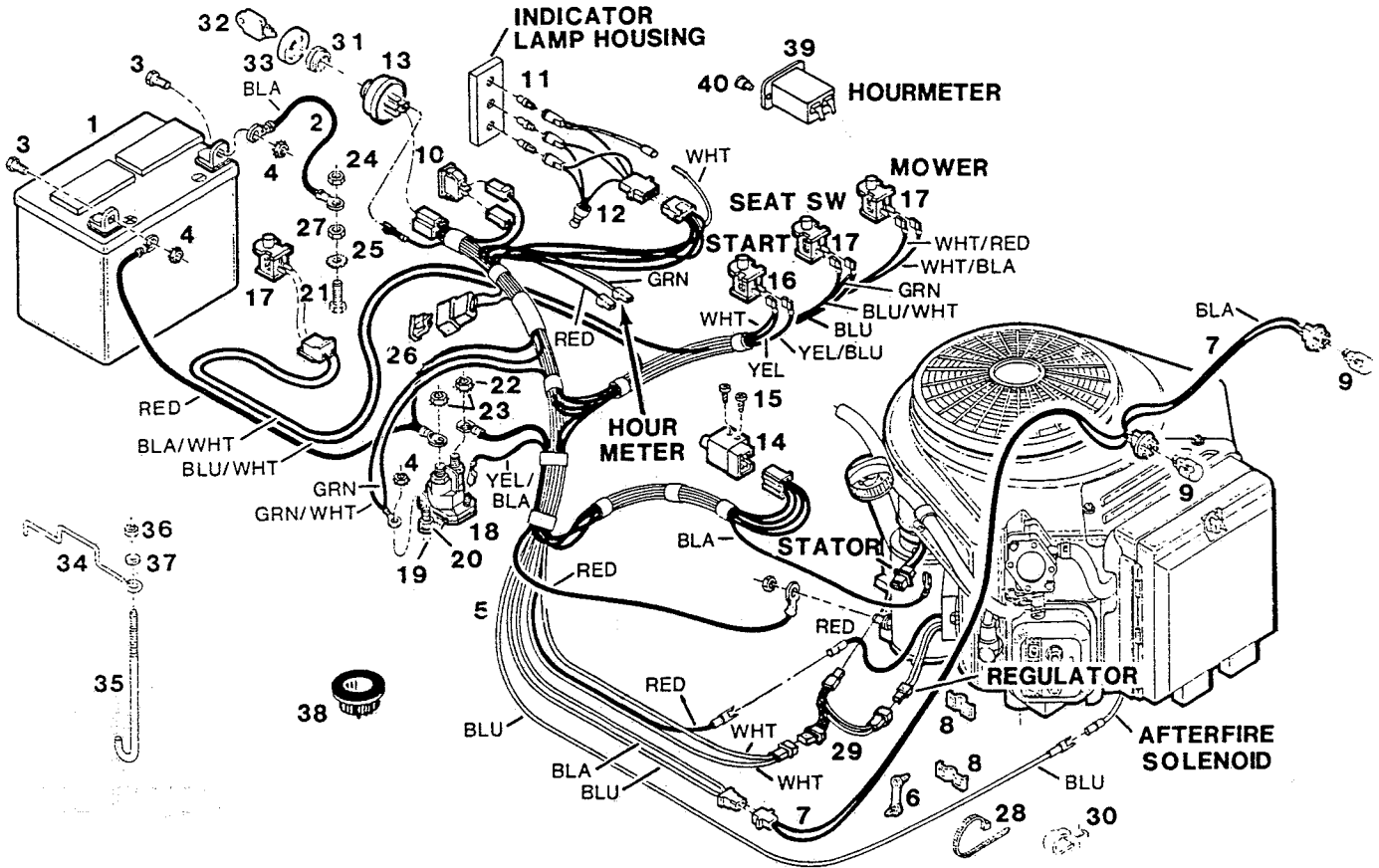


MODEL 640M
16 hp 46" Cut Lawn Tractor
Uses Grass Catcher Model 43/46

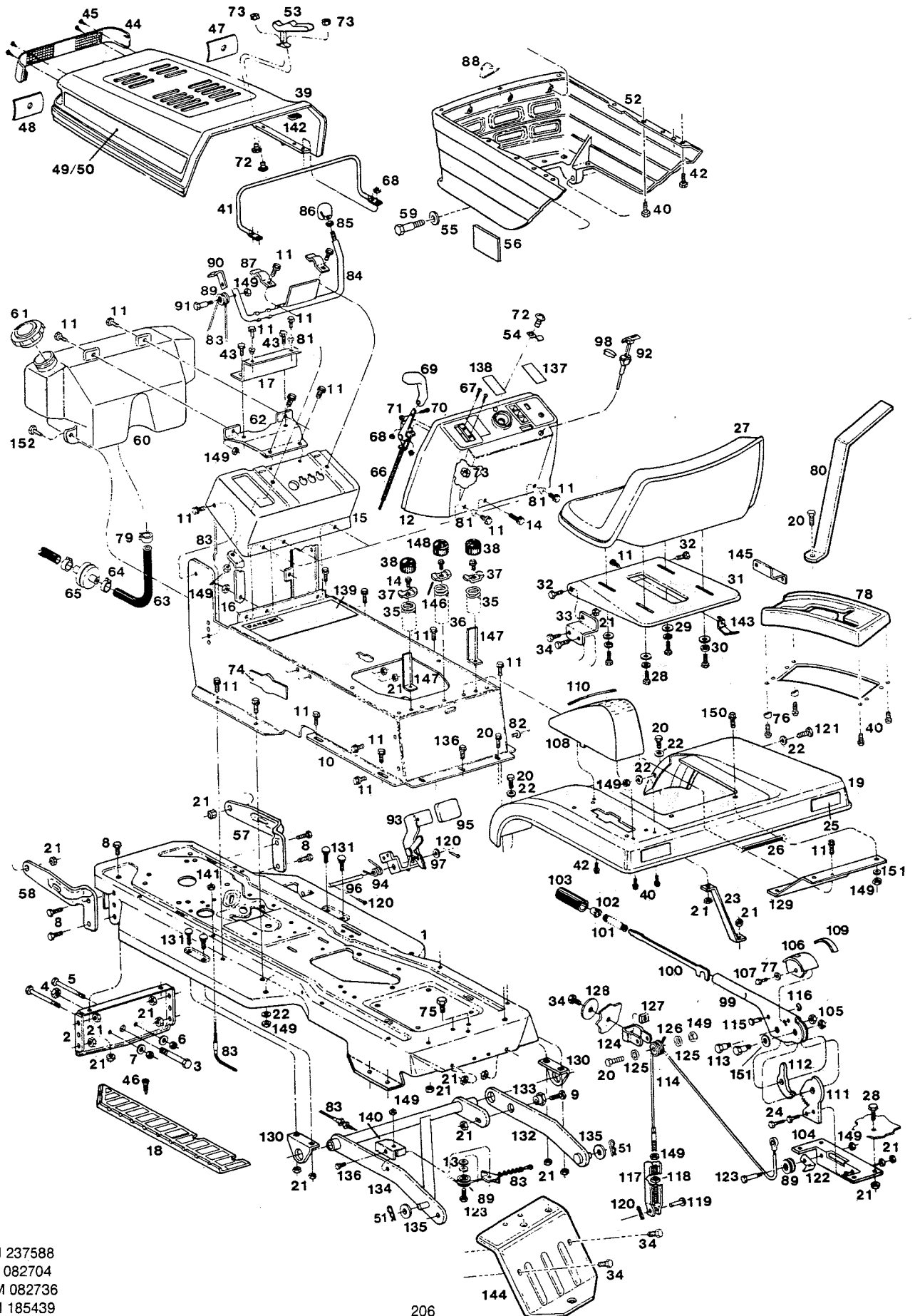


ELECTRICAL SYSTEM

Index No.	Part No.	Description	Index No.	Part No.	Description
1	138735	Battery - 12 volt	21	152108	Bolt - hex 5/16-18 x 1
2	134908	Wire - battery ground, black	22	157974	Nut - hex 5/16-24
3	449587	Bolt - hex 1/4-20 x 5/8	23	152975	Washer - lock 5/16 ext tooth
4	715037	Nut - hex 1/4-20 keps	24	310151	Nut - hex 5/16-18 nylok
5	138917	Harness - wiring	25	153510	Washer - lock 5/16 int tooth
6	112326	Retainer - harness	26	-	Fuse - 15 amp (purchase locally)
7	136945	Harness - headlights	27	616342	Nut - hex 5/16-18 cntr. lock
8	134676	Retainer - harness, press-on	28	110379	Tie - cable
9	135533	Bulb - headlights	29	138628	Wire - resistor
10	135814	Switch - headlights	30	135145	Retainer - wire
11	136051	Bulb - monitor indicator	31	158717	Nut - switch
12	138636	Harness - indicator lights	32	136242	Key - ignition
13	138693	Switch - ignition	33	112698	Boot - ignition switch
14	138925	Switch - clutch interlock	34	096123	Bracket - battery hold-down
15	157933	Screw - pan head #12	35	096115	Rod - battery hold-down
16	138776	Switch - no start	36	452615	Nut - hex 1/4-20 nylok
17	138750	Switch - system interlock	37	615690	Washer - flat 1/4
18	134940	Solenoid - starter	38	114942	Bushing - wire insulator
19	158121	Bolt - hex 1/4-20 x 3/4	39	138867	Hourmeter
20	616375	Nut - hex 1/4-20 cntr. lock	40	764217	Rivet - pop 1/8

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P/L 082704
O/M 082736
E/M 185439

MODEL 640M
16 hp 46" Cut Lawn Tractor
Uses Grass Catcher Model 43/46



S/N 237588
P/L 082704
O/M 082736
E/M 185439

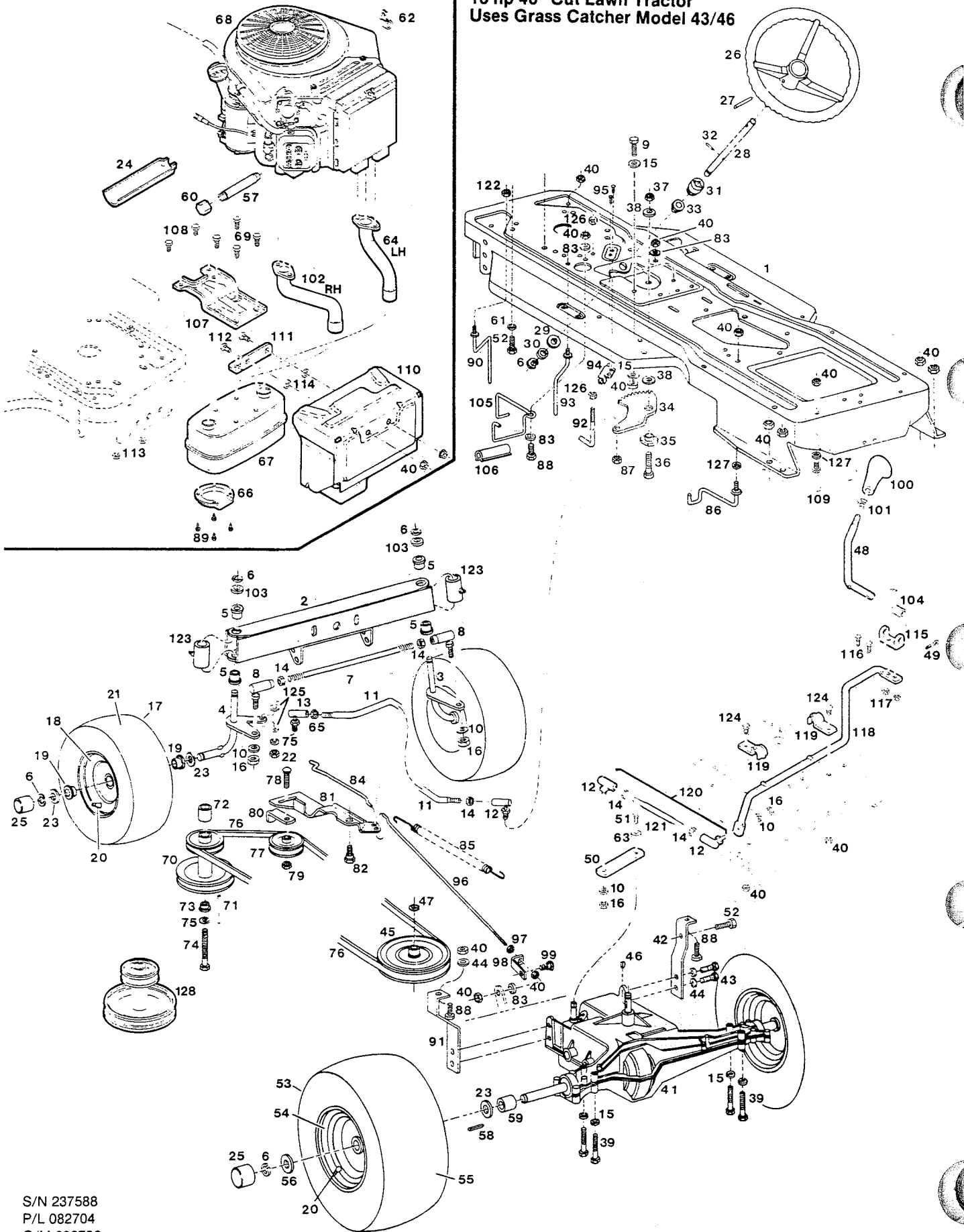
MAIN FRAME

MODEL 640M
16 hp 46" Cut Lawn Tractor
Uses Grass Catcher Model 43/46

Index No.	Part No.	Description	Index No.	Part No.	Description
1	023374	Frame - main	77	715136	Washer - #10 - 24
2	019240	Bracket - front axle	78	086785	Guide - shift lever w/decal
3	380303	Bolt - hex shoulder 1/2-13 x 2-5/8	79	162404	Clamp - fuel line
4	380311	Nut - hex jam 1/2-13 lock	80	018861	Brace - fender RH
5	164699	Bolt - shoulder 5/16-18 x 2-7/8	81	381822	Bushing - nylon w/shoulder
6	310052	Nut - hex 1/4-20	82	715243	Rivet - pop
7	462762	Washer - flat 5/16	83	053037	Cable - mower drive control
8	157636	Bolt - hex 5/16-18 x 3/4 whiz	84	098848	Lever - mower drive control
9	156968	Bolt - hex 5/16-18 x 1-1/4	85	615625	Nut - hex jam 1/2-13
10	017996	Console - chassis	86	112664	Knob - lever
11	158089	Screw - taptite 1/4-20 x 1/2	87	097253	Clip - lever retaining
12	115238	Dash - plastic	88	110379	Strap - tie
13	158956	Washer - 1/4 special	89	092429	Pulley - cable, plastic
14	450858	Bolt - hex 1/4-20 x 3/4	90	096305	Retainer - cable
15	013763	Support - dash	91	157446	Bolt - shoulder 1/4-20 x 1-3/8
16	013771	Brace - dash	92	052183	Control - choke w/cable
17	013789	Brace - dash & fuel tank	93	093815	Pedal - clutch/brake w/brake lever
18	114744	Pad - foot, L.H. platform	94	100008	Spring - pedal return
	114736	Pad - foot, R.H. platform (not shown)	95	112235	Pad - pedal
19	018028	Fender - rear wheels	96	087668	Shaft - pedal
20	158972	Bolt - hex 1/4-20 x 1	97	158873	Washer - flat 1/2
21	310151	Nut - hex 5/16-18 nylok	98	089243	Clip - choke retainer
22	158113	Washer - flat	99	013748	Lever - height adjusting
23	014357	Brace - fender L.H.	100	097303	Rod - lever
24	152108	Bolt - hex 5/16-18 x 1	101	097295	Spring - lever
25	114850	Reflector - fender, red	102	112672	Knob - adjusting lever
26	112318	Strip - fender trim	103	112680	Grip - lever
27	115460	Seat	104	014134	Bracket - adjusting lever
28	450346	Bolt - hex 5/16-18 x 3/4	105	157610	Nut - hex 5/16-18 flanged
29	715185	Washer - flat 5/16	106	113316	Indicator - height of cut
30	311118	Washer - lock 5/16	107	158527	Screw 8-32 x 3/8
31	013011	Plate - seat mount	108	113308	Cover - height adjust lever
32	157503	Bolt - hex shoulder, 5/16-18 x 5/8	109	008433	Decal - height indicator numbers
33	013896	Bracket - seat plate L.H.	110	008425	Decal - cover, height of cut
34	450437	Bolt - hex 5/16-18 x 5/8	111	098459	Quadrant - height adjust
35	109694	Spring - seat, short	112	098467	Pawl - height adjust
36	097493	Spring - seat, long	113	158675	Bolt - shoulder 5/16-18 x 5/8
37	095174	Clamp - seat spring	114	053039	Cable - deck lifting
38	112334	Cover - seat spring	115	097337	Pin - clevis
39	114959	Hood - upper	116	158857	E Ring
40	158832	Screw - plastite #10 x 1/2	117	159137	Clevis - lift cable
41	098343	Support - hood	118	157966	Nut - square 1/4-20
42	159400	Screw #10-24 x 1	119	157263	Pin - clevis
43	158097	Screw - taptite 1/4-20 x 5/8	120	715029	Pin - cotter 3/32 x 3/4
44	112565	Lens - headlights	121	159004	Bolt - hex 1/4-20 x 3/4
45	158865	Screw - taptite 6 x 1/2	122	097352	Retainer - cable
46	113738	Fastener - foot pad	123	158683	Bolt - shoulder 1/4-20 x 1
47	797696	Reflector - headlight R.H.	124	097279	Clevis - pulley, fender
48	797704	Reflector - headlight L.H.	125	615690	Washer - flat 1/4
49	799784	Decal - hood side L.H.	126	086702	Pulley - cable, steel
50	799783	Decal - hood side R.H.	127	158923	Nut - square 5/16-18
51	715011	Hairpin cotter	128	014142	Washer - formed
52	113183	Hood - lower	129	013128	Bracket - fender, rear
53	115139	Latch - hood	130	013813	Bracket - hanger
54	115147	Keeper - hood latch	131	313502	Bolt - rd. head 5/16-18 x 1
55	715417	Washer flat 3/8	132	019976	Link - suspension R.H.
56	006874	Decal - heat reflective	133	158691	Nut - eccentric, deck leveling
57	093989	Bracket - lower hood R.H.	134	022418	Suspension Assembly - lift
58	093997	Bracket - lower hood L.H.	135	156075	Washer - flat 1/2
59	162057	Bolt - shoulder 5/16-18	136	159228	Screw - tapping 5/16-18 x 3/4
60	114025	Tank - fuel, 3 gal.	137	006593	Decal - monitor lights
61	115473	Cap - fuel tank	138	798843	Decal - dash, L.H.
62	015305	Bracket - fuel tank	139	009589	Decal Danger, on console
63	672832	Hose - fuel line	140	174128	Bracket - cable pulley
64	303859	Clamp - fuel line	141	159426	Nut - 1/4-28 jam
65	432625	Filter - fuel	142	446799	Pad - hood
66	052175	Control - throttle w/cable	143	014258	Bracket - seat switch
67	158451	Screw - pan hd. 10-24 x 5/8	144	018093	Plate - rear hitch
68	452318	Nut - hex 10-24 nylok	145	013904	Bracket - seat plate R.H.
69	112730	Knob - throttle lever	146	097527	Clamp - long spring
70	159335	Screw - pan head 8-32 x 3/8	147	095166	Bracket - seat stop
71	159244	Nut - hex 8-32	148	136184	Cover - long spring
72	459925	Screw - phil head #8-32 x 3/8	149	452615	Nut - hex 1/4-20 nylok
73	452102	Nut - hex keps #8-32	150	157883	Bolt - hex 1/4-20 x 1
74	798454	Logo - plastic 16-46	151	159343	Washer - flat
75	157891	Bolt - hex tap 3/8-16 x 1	152	158824	Screw - hex taptite 1/4-10 x 3/4
76	158840	Screw - plastite #10 x 3/4	--	115303	Cover - vinyl (optional)

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MODEL 640M
16 hp 46" Cut Lawn Tractor
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CHASSIS GROUP

MODEL 640M
16 hp 46" Cut Lawn Tractor
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Index No.	Part No.	Description	Index No.	Part No.	Description
1	023374	Frame - main	66	086017	Deflector - muffler
2	023234	Axle - front	67	177394	Muffler - exhaust
		Includes 3, 4, 5, 103 & 123	68	*	Engine - 16 HP
3	018911	Spindle - steering R.H.	69	158097	Bolt - hex tap 1/4-20 x 5/8
4	018945	Spindle - steering L.H.	70	088013	Pulley - engine, double
5	134999	Bearing - spindle	71	158279	Key - pulley 1/4 x 5
6	316513	Ring - retainer	72	162354	Spacer - pulley, top
	089581	Tie Rod Assembly (includes 7, 8 and 14)	73	158253	Washer - pilot
7	089599	Rod - tie, steering	74	158964	Bolt - hex 7/16-20 x 5
8	135038	Joint - ball	75	311068	Washer - lock 7/16
9	157941	Bolt - hex 5/16-18 x 7/8	76	135194	Belt - drive
10	150185	Washer - lock 3/8	77	109645	Pulley - idler
	172346	Drag Link Assembly (includes 11, 12, 13 and 14)	78	158444	Bolt - carriage 3/8-16 x 2
11	174706	Link - drag, steering	79	451195	Nut - hex 3/8-16 nylok
12	135244	Joint - ball, sector end	80	015198	Retainer - belt
13	137448	Joint - ball, axle end	81	015875	Arm - idler
14	158105	Nut - hex jam 3/8-24	82	159129	Bolt - shoulder 5/16-18 x 11/16
15	715185	Washer - flat	83	158212	Washer - flat 5/16
16	615633	Nut - hex 3/8-24	84	095794	Rod - clutch
17	043195	Wheel - front, w/tire & rim	85	135228	Spring - clutch
18	043204	Rim - front tire	86	085415	Guide - belt, rear
19	094908	Bearing - wheel	87	162420	Nut - hex 3/8-24 flng
20	136291	Stem - valve w/cap	88	152108	Bolt - hex 5/16-18 x 1
21	042895	Tire - front 15 x 6.00 tubeless	89	158527	Screw - taptite #8-32 x 3/8
22	162123	Nut - hex 7/16-20	90	097790	Guide - belt
23	158063	Washer - flat 3/4	91	179952	Bracket - stabilizer L.H.
24	112805	Trough - oil drain	92	087791	Rod - stop, mower deck
25	112409	Cap - hub	93	097808	Guide - belt
26	112771	Wheel - steering	94	138925	Switch - clutch interlock
27	159434	Pin - roll 1/4 x 2	95	157933	Screw - pan head
28	095844	Shaft - steering	96	095802	Rod - brake
29	159376	Washer - thrust	97	150136	Nut - hex keps 5/16-18
30	158162	Washer - flat 3/4	98	095786	Bracket - brake rod
31	109801	Pinion - steering	99	157503	Bolt - shoulder 5/16-18 x 5/8
32	158766	Pin - dowel 1/4 x 1-3/4	100	112664	Knob - shift lever
33	136275	Bushing - steering pinion	101	615625	Nut - hex jam 1/2-13
34	109850	Sector - steering	102	177378	Pipe - exhaust R.H.
35	134742	Eccentric - steering adjust	103	715144	Washer - flat 3/4
36	158147	Bolt - hex 1/2-13 x 1-1/2	104	179408	Spring - torsion - shift lever
37	382473	Nut - hex 1/2-13 nylok	105	097261	Guide - belt
38	158170	Washer - flat 1/2	106	113381	Sleeve - split, belt guide
39	158493	Bolt - hex 5/16-18 x 2-1/4	107	017897	Bracket - muffler
40	310151	Nut - hex 5/16-18 nylok	108	159483	Screw - hex tap 5/16-18 x 1/2
41	**	Transaxle - Tecumseh/Peerless Model 801-056	109	085423	Guide - belt
42	096065	Brace - transaxle R.H.	110	023572	Shield - heat
43	159228	Bolt - hex tap 5/16-18 x 3/4	111	178681	Bracket - heat shield
44	311118	Washer - lock 5/16	112	158907	Bolt - carriage 5/16-18 x 5/8
45	095851	Pulley - transaxle	113	616342	Nut - hex 5/16-18 center lock
46	615534	Key - Woodruff #9	114	380410	Nut - push 5/16
47	170035	Ring - retainer	115	179424	Bracket - shift lever
48	089201	Lever - shift, upper	116	159004	Bolt - hex 1/4-20 x 3/4
49	317016	Pin - cotter	117	452615	Nut - hex 1/4-20 nylok
50	179077	Arm - shift	118	179846	Lever - gear shift, lower
51	157982	Bolt - hex 1/4-28 x 3/4	119	179119	Clip - retainer, lower lever
52	158014	Bolt - hex tap 3/8-16 x 1-1/4	120	085720	Tie rod - shift link
53	043200	Wheel - rear w/tire & rim			Includes 12, 14 and 121
54	043203	Rim - rear tire	121	085712	Rod - tie
55	041657	Tire - rear 20 x 10.00	122	159145	Nut - hex jam 5/16-18
56	158188	Washer - flat 3/4	123	391748	Sleeve w/grease fitting order 391755 kit
57	178756	Pipe - engine oil drain	124	450437	Bolt - hex 5/16-18 x 5/8
58	446617	Key - rear wheel	125	715417	Washer - flat 3/8
59	158261	Spacer - rear wheel	126	451500	Nut - hex keps 3/8-16
60	109660	Cap - drain tube	127	153510	Washer - lock 5/16 int. tooth
61	153551	Washer - lock 5/16 ext tooth	128	095285	Pully - engine, double w/key
62	135145	Clamp - throttle cable	--	042085	Tube - front tire 15 x 6.00
63	157792	Washer - special	--	042101	Tube - rear tire 20 x 10.00
64	177386	Pipe - exhaust L.H.	--	393736	Sealant - tire 16 oz. bottle
65	162396	Nut - hex jam 7/16-20	--	393744	Sealant - tire 32 oz. bottle
			--	171926	Grease - transaxle

*Contact Engine Manufacturer's authorized service dealer for parts and warranty.

**Contact Tecumseh/Peerless authorized service dealer or distributor for parts and warranty.

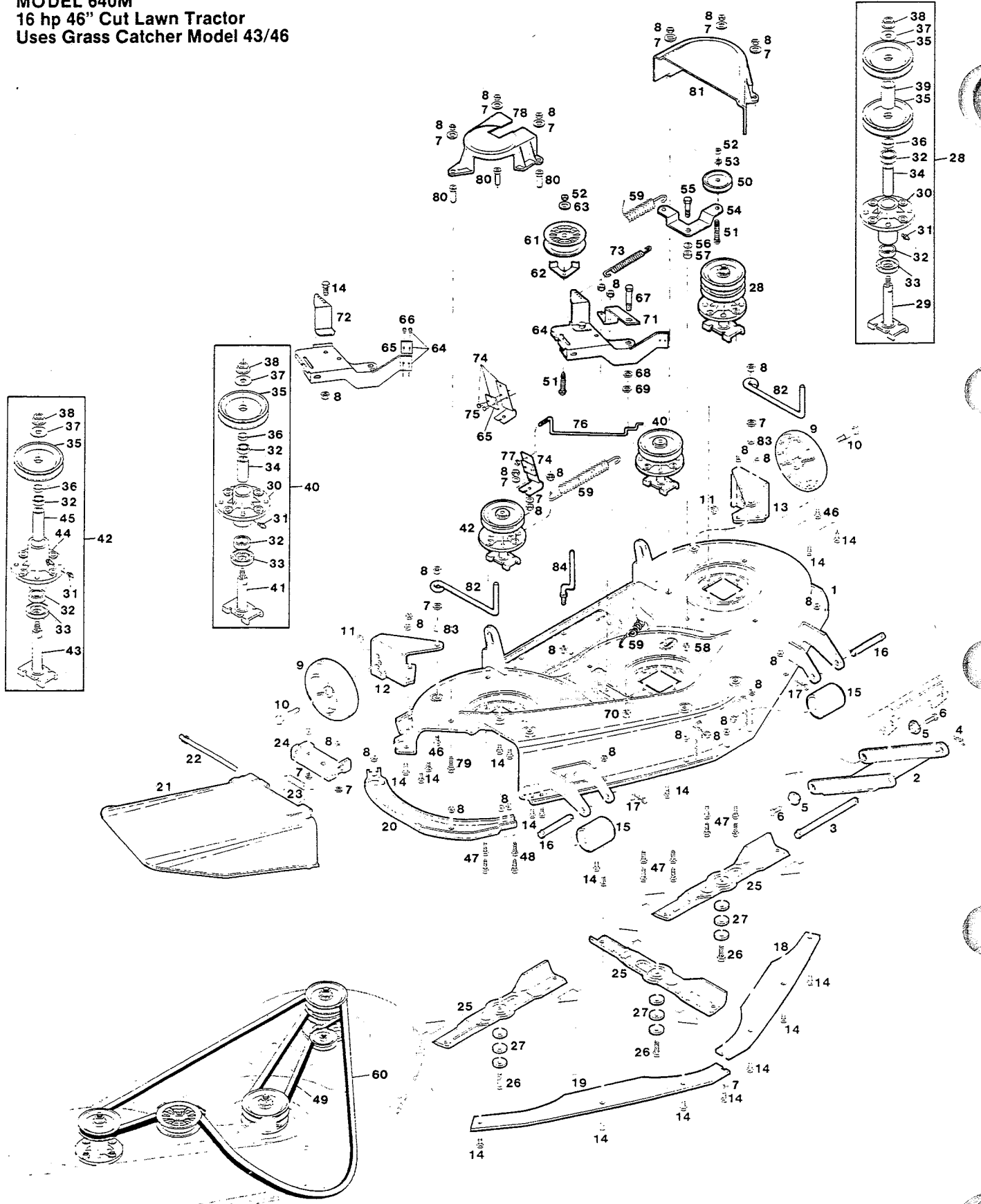
S/N 237588

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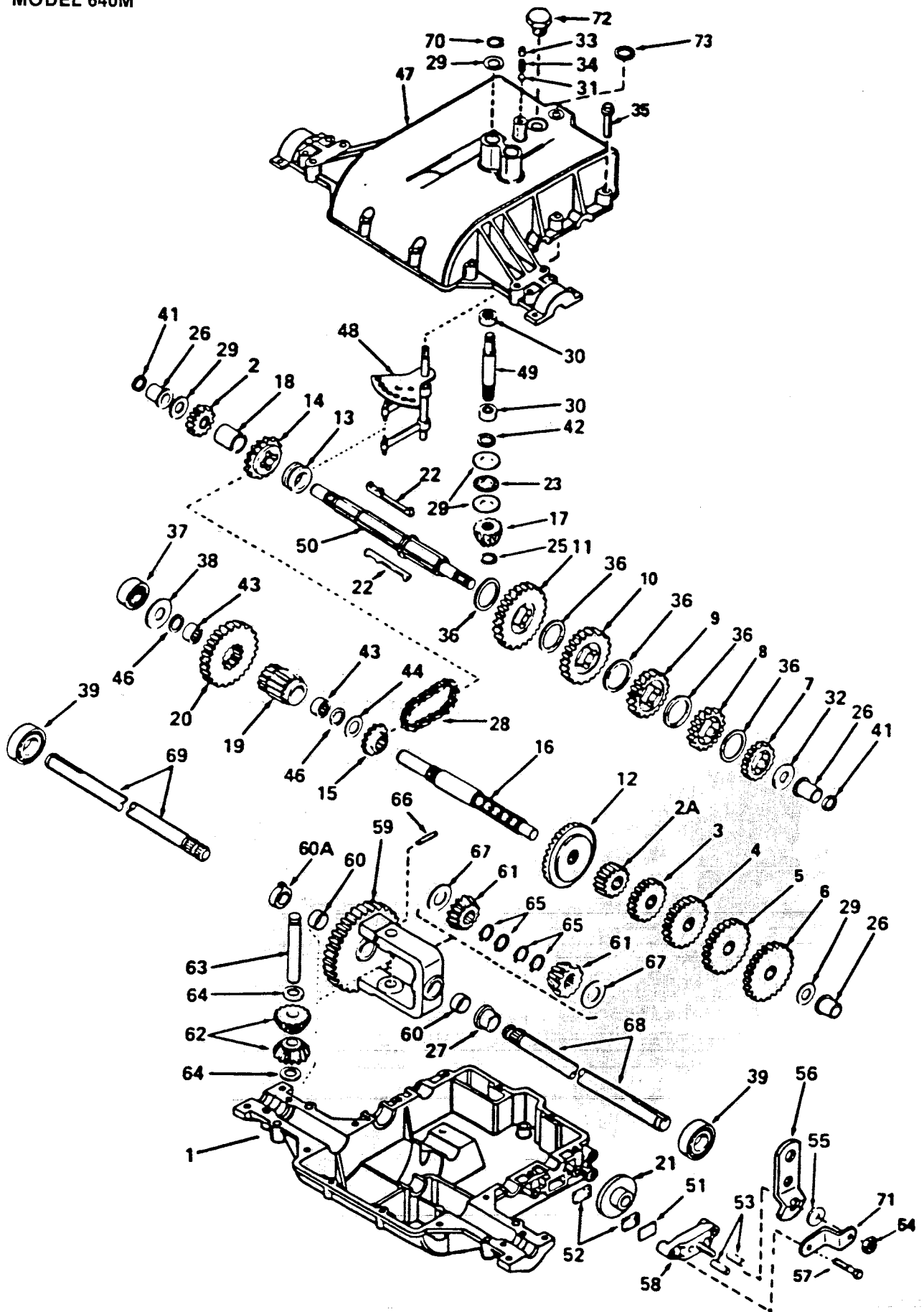


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46" MOWER DECK AND DRIVE

Index No.	Part No.	Description	Index No.	Part No.	Description
1	020149	Deck - mower 46"	43	093880	Shaft - blade w/saddle
2	022426	Drawbar - deck	44	095054	Housing - spindle w/o brgs
3	097469	Pin - drawbar	45	093864	Spacer - bearings
4	715011	Hairpin cotter	46	156950	Bolt - hex 5/16-18 x 1-1/4
5	158691	Nut - eccentric deck leveling	47	159830	Bolt - hex tap 5/16-18 x 7/8
6	156968	Bolt - hex 5/16-18 x 1-1/4	48	159202	Bolt - hex tap 5/16-18 x 1-3/8
7	715185	Washer - flat 5/16	49	138891	Belt - drive, center blade
8	310151	Nut - hex 5/16-18 nylok	50	098079	Pulley - idler
9	042226	Wheel - gauge 6"	51	158444	Bolt - carriage 3/8-16 x 2
10	157495	Bolt - shoulder 3/8-16 x 2-3/8	52	715391	Nut - hex 3/8-16
11	451195	Nut - hex 3/8 - 16 nylok	53	150185	Washer - split lock 3/8
12	019406	Bracket - gauge wheel RH	54	097626	Arm - idler pulley
13	019398	Bracket - gauge wheel LH	55	157479	Bolt - shoulder 5/16-18 x 7/8
14	450346	Bolt - hex 5/16-18 x 5/8	56	158048	Washer - flat 5/8
15	042838	Roller - deck front	57	158337	Washer - flat 3/8
16	086470	Pin - roller axle	58	157610	Nut - hex 5/16-18 whiz lock
17	715029	Pin - cotter 1/8 x 1-1/4	59	109637	Spring - idler tension
18	019380	Baffle - deck LH	60	138909	Belt - drive, from engine
19	019372	Baffle - deck RH	61	098004	Pulley - idler
20	019364	Bar - skid	62	093211	Retainer - belt, double
21	114033	Deflector - discharge opening	63	715417	Washer - flat 3/8
22	086330	Pin - deflector pivot	64	093427	Arm - idler w/brake pad Includes next 2 parts
23	086322	Spring - deflector	65	135046	Pad - brake
24	019356	Bracket - deflector	66	159152	Rivet - 3/16 x 1/2
25	138446	Blade - 16" Hiliift	67	381616	Bolt - shoulder 3/8-16 x 2-3/4
26	158543	Bolt - hex nylok 3/8-24 x 1	68	158469	Washer - flat 3/8
27	158055	Washer - conical lock	69	337584	Washer - flat 3/8
28	094921	Spindle assembly - blade LH Includes items 29, 30, 31, 32, 33, 34, 35, 36, 37, 38 & 39	70	156406	Nut - hex 3/8-16 whiz lock
29	094910	Shaft - blade w/saddle	71	023242	Brace - idler arm
30	095053	Housing - spindle w/o brgs	72	023283	Extension - idler arm
31	164673	Fitting - grease	73	086710	Spring - clutch engaging
32	137760	Bearing - shaft	74	093435	Arm - brake w/brake pad Includes #65 and 75
33	134981	Shield - dust	75	159186	Rivet - 3/16 x 7/16
34	098194	Spacer - bearings	76	093245	Rod - brake
35	023675	Pulley - drive	77	452615	Nut - hex 1/4-20 nylok
36	093856	Spacer - drive pulley, top	78	114702	Guard - belt RH
37	164905	Washer - drive pulley, special	79	158493	Bolt - hex 5/16-18 x 2-1/4
38	159301	Nut - hex 7/16-20 flange lock	80	093260	Spacer - RH guard
39	094909	Spacer - between pulleys, LH spindle	81	115188	Guard - belt LH
40	094923	Spindle assembly - blade, center Includes items 30, 31, 32, 33, 34, 35, 36, 37, 38 & 41	82	094916	Guide - belt, RH & LH pulleys
41	138511	Shaft - blade w/saddle	83	159145	Nut - hex 5/16-18 jam
42	094922	Spindle assembly - blade RH Includes items 31, 32, 33, 35, 36, 37, 38, 43, 44 & 45	84	097808	Guide - belt, rear
			--	143115	Decal - DANGER
			--	396739	Deck assembly - complete

MODEL 640M



TECUMSEH PRODUCTS COMPANY
ENGINE AND TRANSMISSION GROUP
SERVICE OPERATIONS
GRAFTON, WISCONSIN

PEERLESS TRANSAXLE MODEL 801-056

GPE P/N 171314

REF. NO.	PART NUMBER	PART NAME	QTY. REQ.
1	770079	Case, Transaxle	1
2	778136	Gear, Spur (15 teeth)	1
2A	778145	Gear, Spur (12 teeth)	1
3	778126A	Gear, Spur (20 teeth)	1
4	778127A	Gear, Spur (25 teeth)	1
5	778128A	Gear, Spur (28 teeth)	1
6	778163	Gear, Spur (31 teeth)	1
7	778209	Gear, Spur (19 teeth)	1
8	778122A	Gear, Spur (22 teeth)	1
9	778123A	Gear, Spur (25 teeth)	1
10	778124A	Gear, Spur (30 teeth)	1
11	778146A	Gear, Spur (37 teeth)	1
12	778154	Gear, Bevel (42 teeth)	1
13	784266	Collar, Shift	1
14	786060	Sprocket (14 teeth)	1
15	786061	Sprocket (10 teeth)	1
16	776204	Shaft, Counter	1
17	778176	Bevel Pinion, Input	1
18	786074	Spacer	1
19	778138	Pinion, Output	1
20	778139	Gear, Output	1
21	790003	Disk, Brake	1
22	792089A	Key	4
23	780071	Bearing, Thrust	1
25	788040	Ring, Retaining	1
26	780105A	Bushing, Flanged	3
27	780118A	Bushing, Flanged	1
28	786062A	Chain, Roller (No. 41 chain, 22 links)	1
29	780072	Washer, Thrust	5
30	780122	Bearing, Needle	2
31	792077	Ball, Steel	1
32	780109	Washer, Thrust	1
33	792078	Screw, Set, 3/8-16 x 3/8	1
34	792079	Spring	1
35	792073	Screw, Flanged hex hd. threadforming, 1/4-20 x 1-1/4	17
36	780108	Washer, Thrust	5
37	780121	Bearing, Ball	1
38	780113	Washer, Flat	1
39	780119	Bearing, Ball	2
41	788051	Ring, Square cut	2
42	788057	Seal, Square cut	1
43	780112	Bearing, Needle	2
44	780114	Washer, Flat	1
46	788053	Ring, Square cut	2

NOTE: Transaxles & transaxle parts are to be ordered from Tecumseh Peerless Central Parts/Service Distributors. See p. 4.

MODEL 640M

TRANSAXLE MODEL 801-056
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REF. NO.	PART NUMBER	PART NAME	QT REQ.
47	772102	Cover Assy., Transaxle	1
48	784349	Rod & Fork Assy., Shift	1
49	776135	Shaft, Input	1
50	776184A	Shaft, Brake	1
51	790007	Plate, Brake pad	1
52	790006	Pad, Brake	2
53	786026	Pin, Dowel	2
54	792075	Locknut, 5/16-24	1
55	792076	Washer, Flat	1
56	790013	Lever, Brake	1
57	792073	Screw, Flanged hex hd. threadforming, 1/4-20 x 1-1/4	2
58	790025	Holder, Brake pad	1
59	778175	Gear Assy., Differential (Incl. 2 of No. 60)	1
60	780064	Bushing	2
60A	780120	Bushing	1
61	778166	Gear, Bevel	2
62	778131	Pinion, Bevel gear	2
63	786034	Pin, Drive	1
64	780065	Washer, Thrust	2
65	792125	Ring, Retaining (Pkg. of 2)	4
66	792040	Pin, Roll	1
67	780001	Washer, Thrust	2
68	774753	Axle (14-3/4" long)	1
69	774667	Axle (12-7/8" long)	1
70	792035	Ring, Retaining	1
71	786086	Bracket, Brake lever	1
72	792074	Plug, Hex hd. 9/16-18 threaded	1
73	788069	Seal, Square cut	1

NOTE: Transaxles & transaxle parts are to be ordered from Tecumseh Peerless Central Parts/Service Distributors. See p. 4.