

REPAIR PARTS MANUAL

MODEL NO. 277060

Lawn Tractor

215HK 42" 6GEAR



HOW TO USE THIS MANUAL

This manual is designed to provide the customer with a means to identify the parts on his/her tractor when ordering repair parts. The illustrations may or may not represent the actual assemblies; therefore, it is not recommended to use this manual as a guide to assemble or disassemble the tractor. Some hardware and parts are drawn larger in order to more readily identify them.

Each tractor has its own model number.

The model number for your tractor can be found on the fender under the seat.

When ordering parts, always give the following information:

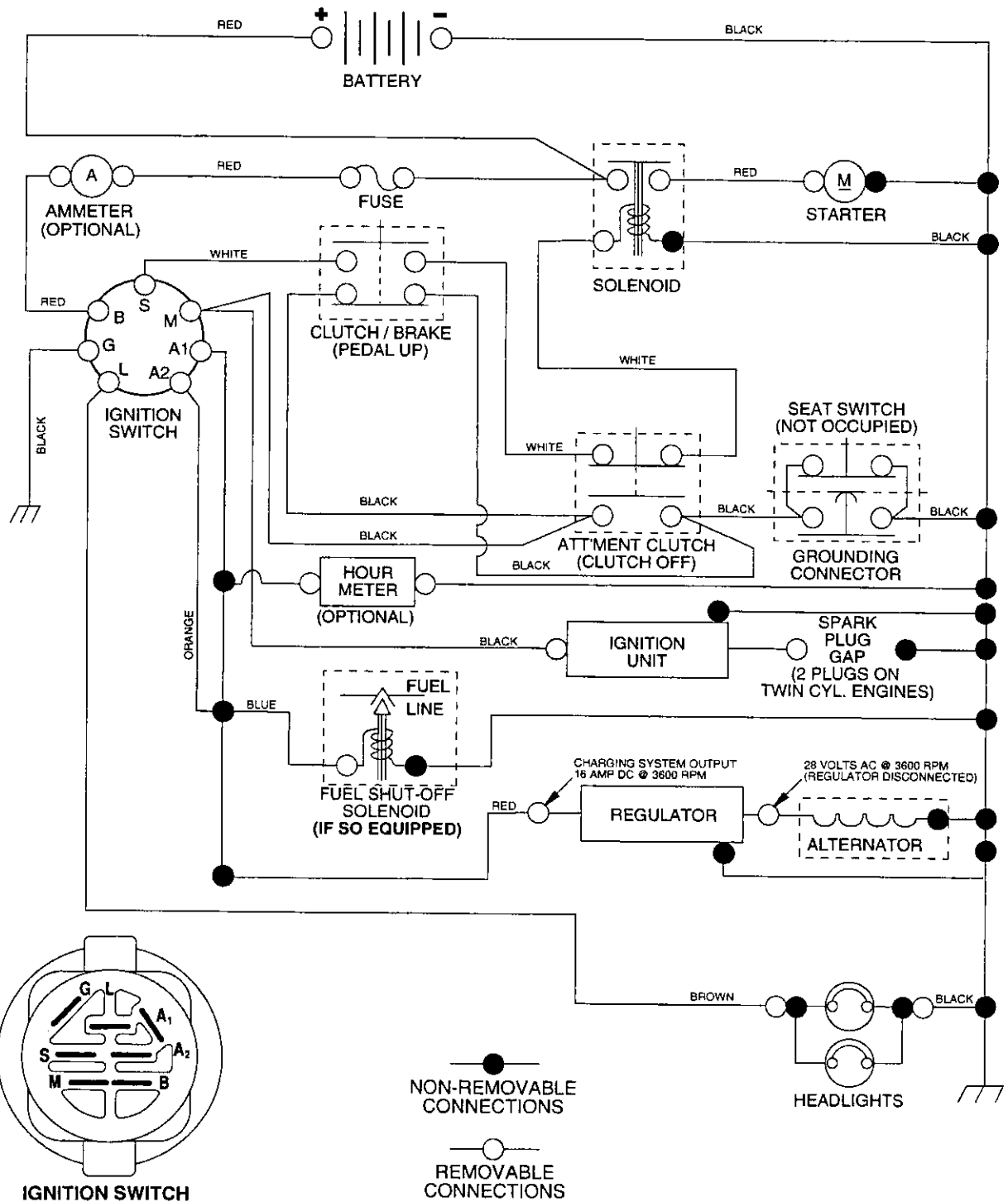
- Product - "Tractor"
- Model Number - "277060"
- Part Number
- Part Description

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TRACTOR - - MODEL NUMBER 917.277060

SCHEMATIC



IGNITION SWITCH

POSITION	CIRCUIT	"MAKE"
OFF	M+G+A1	NONE
RUN/LIGHT	B+A1	A2+L
RUN	B+A1	NONE
START	B + S + A1	NONE

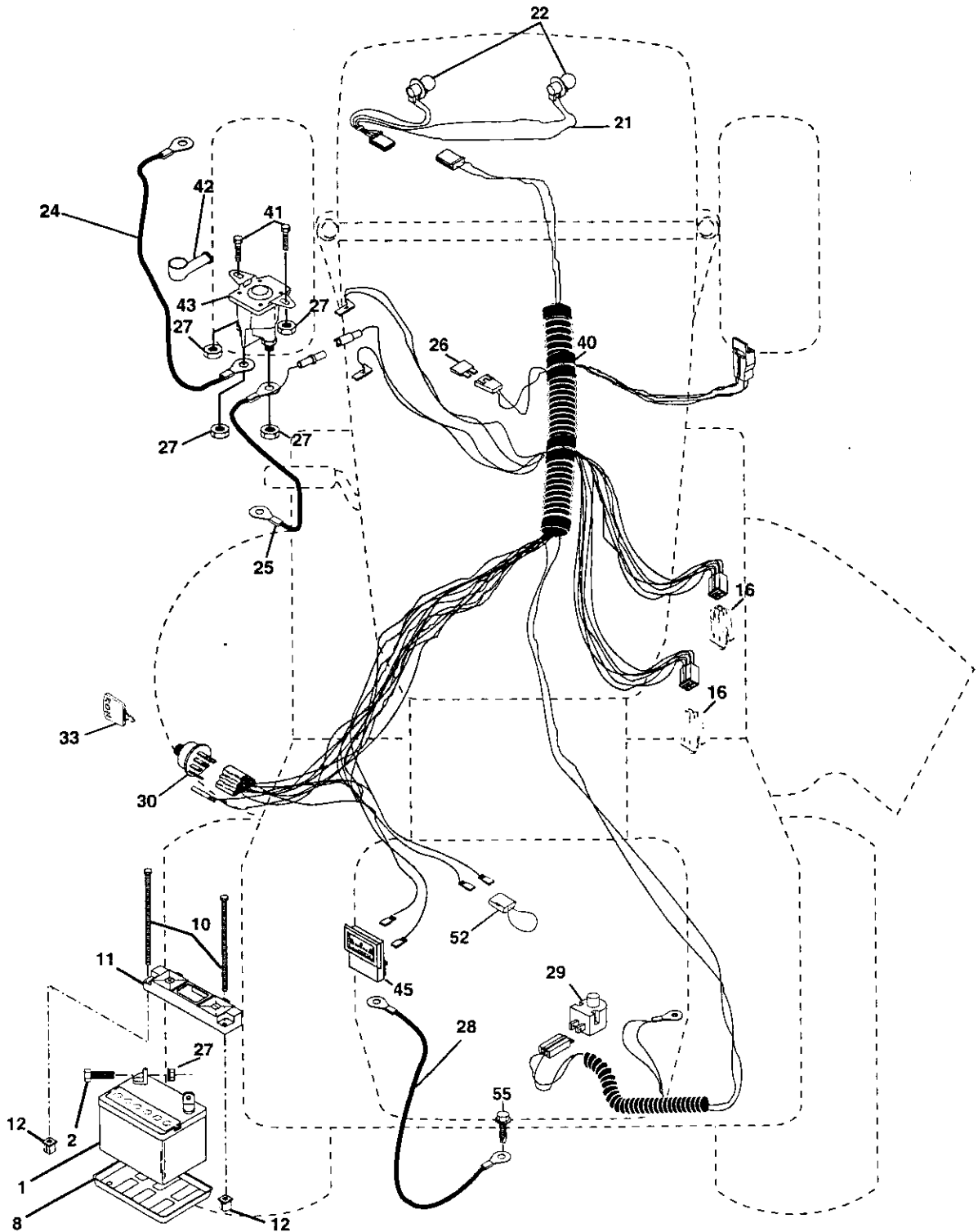
WIRING INSULATED CLIPS

NOTE: IF WIRING INSULATED CLIPS WERE REMOVED FOR SERVICING OF UNIT, THEY SHOULD BE REPLACED TO PROPERLY SECURE YOUR WIRING.

REPAIR PARTS

TRACTOR - - MODEL NUMBER 917.277060

ELECTRICAL



REPAIR PARTS

TRACTOR - - MODEL NUMBER 917.277060

ELECTRICAL

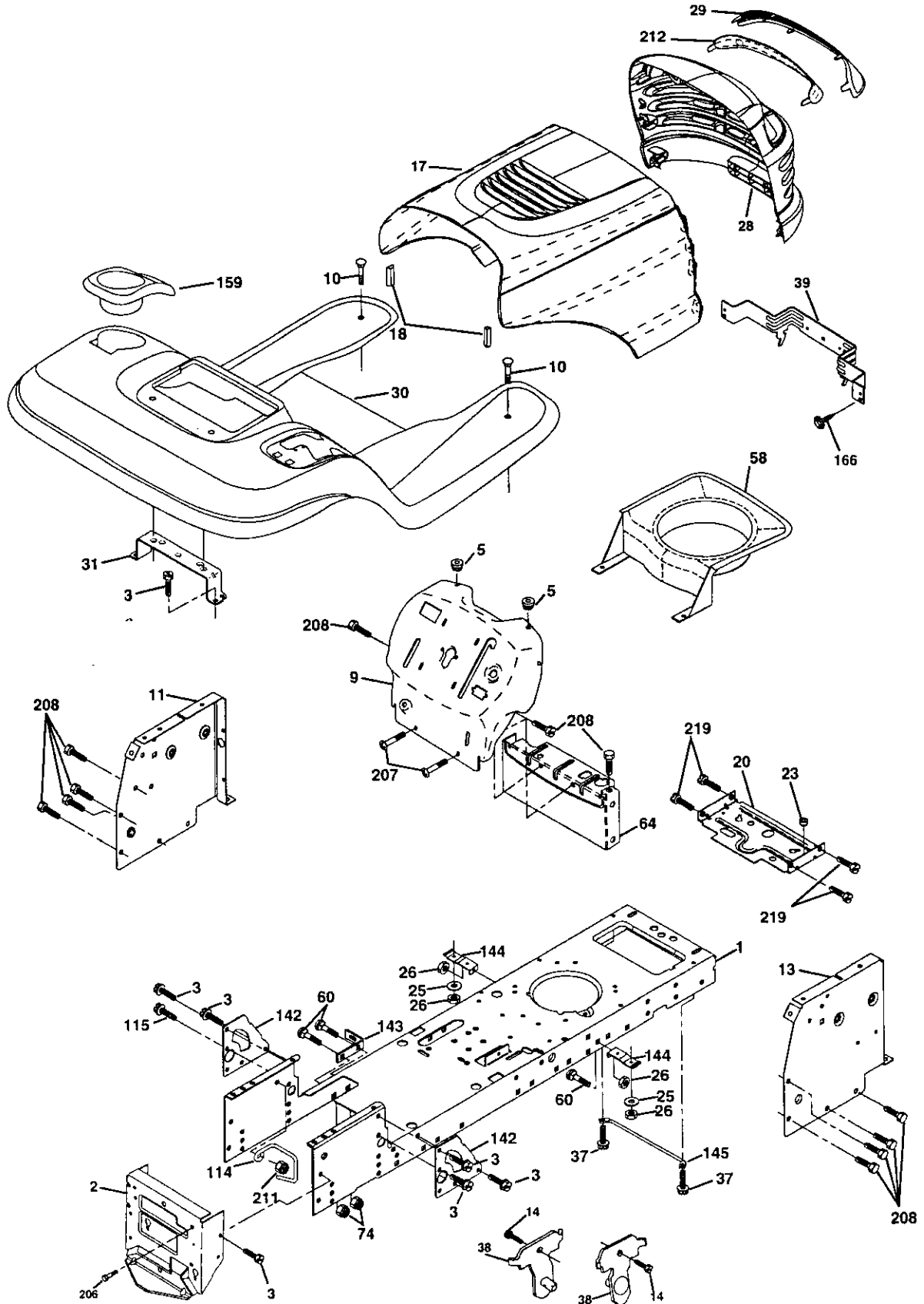
KEY NO.	PART NO.	DESCRIPTION
1	163465	Battery
2	74760412	Bolt Hex Hd 1/4-20unc X 3/4
8	7603J	Case Battery
10	145211	Bolt Btr Frt 1/4-20 x 7.5
11	150109	Hold down Battery Front
12	145769	Nut Push Nylon 1/4 Batt Frt
16	176138	Switch Interlock Push-In
21	175688	Harness Asm Light W/4152J
22	4152J	Bulb Light #1156
24	4799J	Cable Battery 6 Ga 11"red
25	146148	Cable Battery
26	175158	Fuse 20 AMP
27	73510400	Nut, Keps Hex 1/4-20 UNC
28	145491	Cable Ground
29	121305X	Switch Plunger Nc Gray
30	175566	Switch Ign
33	140403	Key Ign
40	179720	Harness Ign
41	71110408	Bolt Blk Fin Hex 1/4-20unc X 1/2
42	131563	Cover Terminal Red
43	178861	Solenoid
45	122822X	Ammeter
52	141940	Protection Wire Loop (Hourmeter)
55	17490508	Screw Thrd Roll 5/16-18 x 1/2

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

REPAIR PARTS

TRACTOR - - MODEL NUMBER 917.277060

CHASSIS AND ENCLOSURES



REPAIR PARTS

TRACTOR - - MODEL NUMBER 917.277060

CHASSIS AND ENCLOSURES

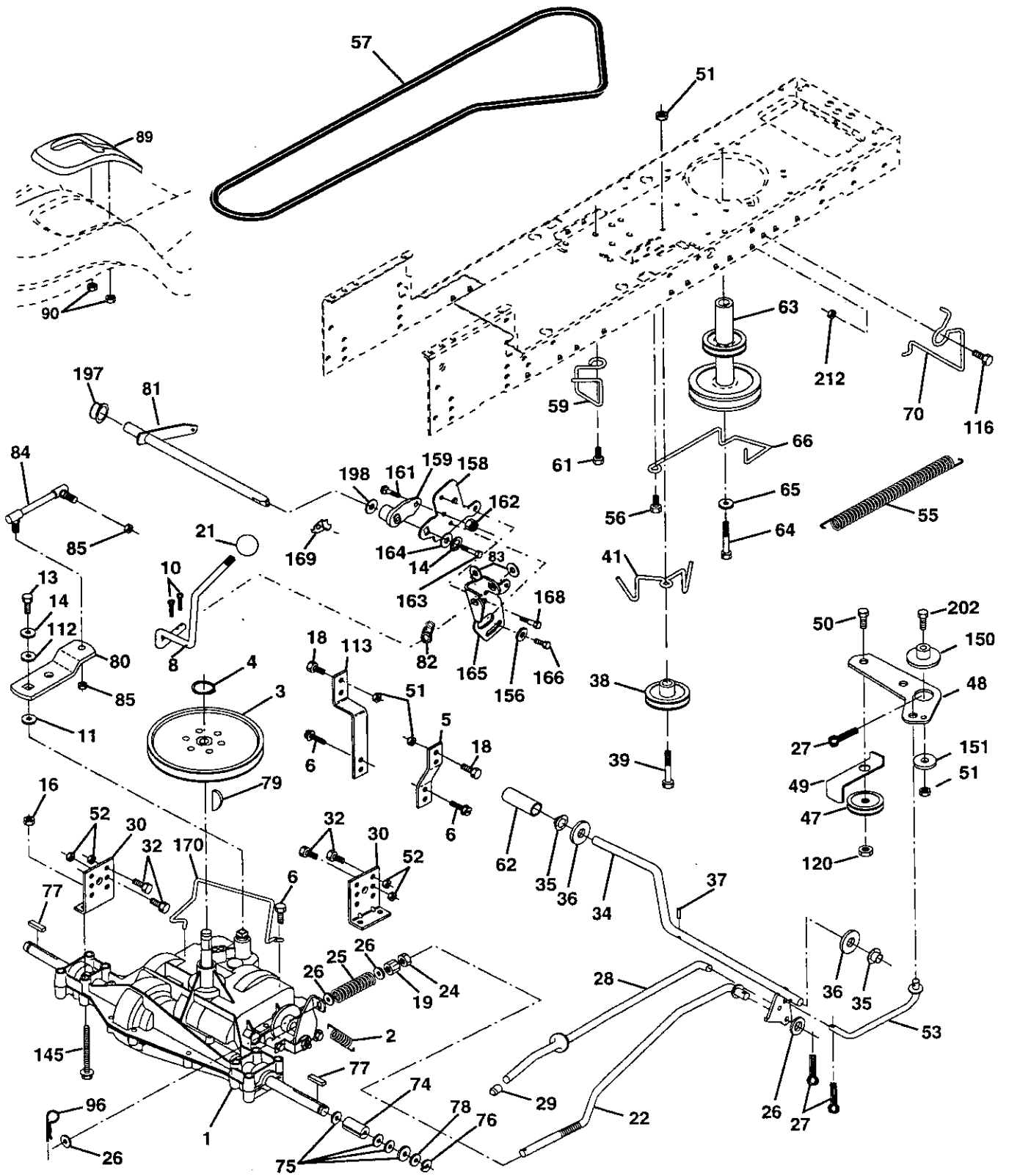
KEY NO.	PART NO.	DESCRIPTION
1	174619	Chassis
2	176554	Drawbar
3	17060612	Screw 3/8-16x3/4
5	155272	BumperHood/Dash
9	168337X012	Dash
10	STD533710	Bolt Carriage 3/8-16 x 1
11	174996	Panel Dash Lh
13	172106	Panel Dash Rh
14	17490608	Screw Thdrol 3/8-16 x 1/2
17	174330X612	Hood
18	126938X	BumperHood
20	180679	Plate Mtg Batt
23	124028X	Bushing Snap
25	19131312	Washer 13/32 X 13/16 X 12 Ga
26	STD541437	Nut Lock Hex W/Ins 3/8-16 Unc
28	177403	Grille
29	174332X599	Lens Grille
30	175692X612	FenderFootrest
31	139976	Bracket Support Fender
37	17490508	Screw Thdrol 6/16-18 x 1/2 TYT
38	175710	Bracket, Asm. Pivot, Mower Rear
39	174714	Bracket Pivot Laser Lt
58	174930	Air Duct
60	STD533707	Bolt Rdhd Sqnk 3/8-16unc x 3/4
64	154798	Dash Lower STL
74	STD541437	Nut Crownlock 3/8-16 UNC
114	158112	Keeper Belt Rear LH
115	17060620	Screw 3/8-16 x 1-1/4
142	175702	Plate Reinforcement
143	154966	Bracket Swaybar Chassis
144	175582	Bracket Pnt Footrest STL
145	156524	Rod Pivot Chassis/Hood
159	155123X428	Cupholder Stlt Black
166	164863	Screw Hwhd Hi-Lo #13-16 x 3/4
206	170165	Bolt Shoulder 5/16-18 TT
207	17670508	Screw Thdrol 3/8-16 x 1/2
208	17670608	Screw Thdrol 3/8-16 x 1/2
211	145212	Nut Hexflange Lock
212	175143	Insert Lens Reflective
219	17000512	Screw 5/16-18 x 3/4

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REPAIR PARTS

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DRIVE



REPAIR PARTS

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DRIVE

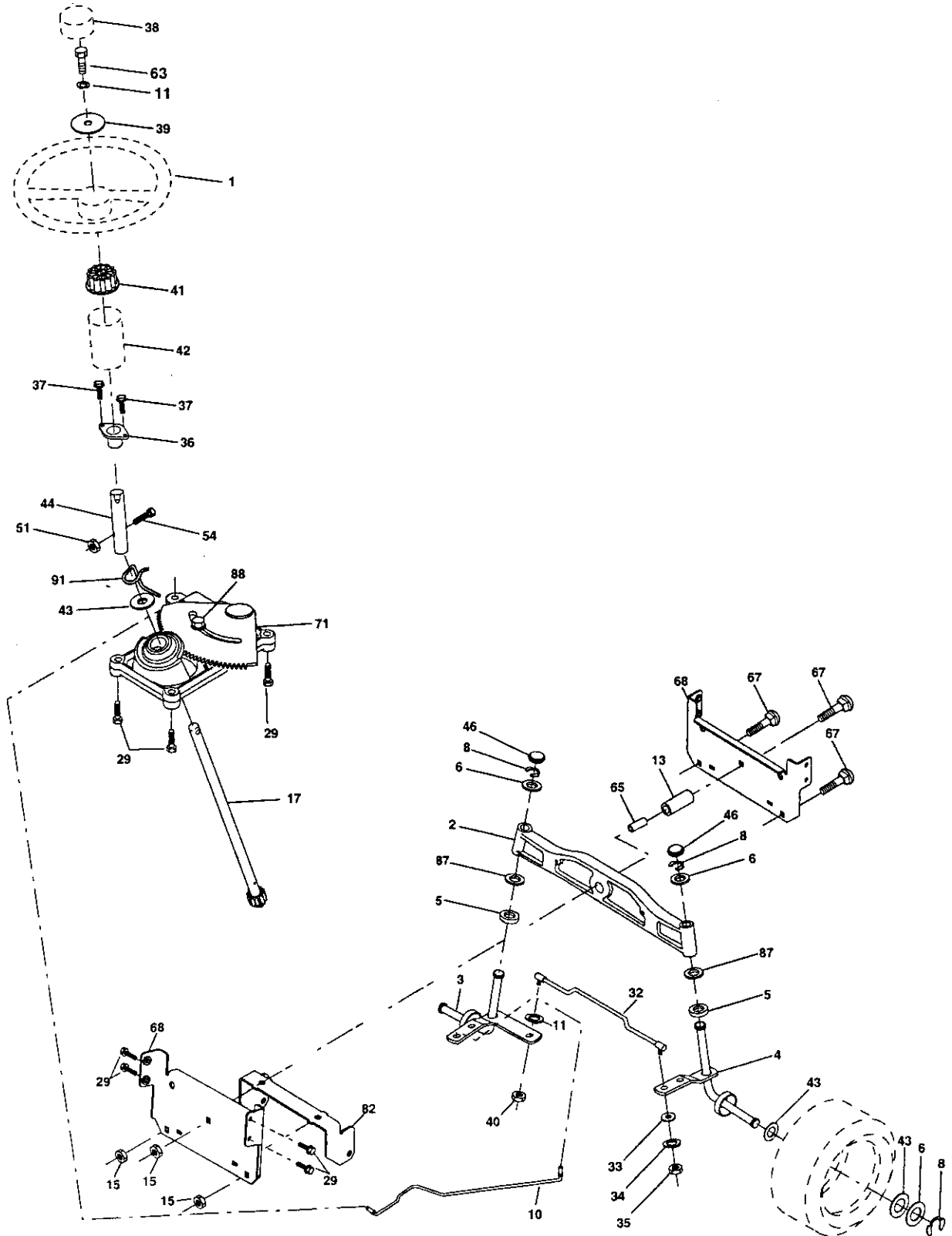
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	-----	Transaxle (See Breakdown)	64	71170764	Bolt Hex
		Peerless 206-545C	65	STD55143	Washer Lock Hvy Hlcl Spr 7/16
2	146682	Spring Return Brake T/a Zinc	66	154778	Keeper Belt Engine Foolproof
3	123666X	Pulley Transaxle 18" tires	70	180218	Guide Belt Mower Drive RH
4	12000028	Ring Retainer # 5100-62	74	137057	Spacer Axle
5	121520X	Strap Torque 30 Degrees	75	121749X	Washer 25/32 X 1 1/4 X 16 Ga
6	17060512	Screw 5/16-18 X 3/4	76	STD581075	E-ring #5133-75
8	165866	Rod Shifter Fender Adj Lt	77	123583X	Key Square 2 0 X 1845/ 1865
10	STD561210	Pin Cotter 1/8 X 1 Cad	78	121748X	Washer 25/32 X 1-5/8 X 16 Ga
11	105701X	Washer Plate Shf 388 Sq Hole —	79	2228M	Key Woodruff
13	74550412	Bolt 1/4-28 Unf Gr 8 W/Patch	80	145090	Arm Shift
14	10040400	Washer Lock Hvy Helical 1/4	81	165592	Shaft Asm Cross Tapered 20"t
16	STD541431	Nut Lock Hx W/lms 5/16-18 Unc	82	165711	Spring Torsion T/a
18	STD523710	Bolt, Fin Hex 3/8-16 UNC x 1 Gr. 5	83	19171216	Washer 17/32 X 3/4 X 16 Ga
19	STD541437	Nut Lock 3/8-16 Unc	84	166231	Link Transaxle
21	106933X	Knob	85	150360	Nut Lock Center 1/4 - 28 FNTHD
22	130804	Rod Brake Blk Zinc 26 840	89	158391X428	Console Shift STLT
24	STD541237	Nut Hex Jam 3/8-16 Unc	90	124346X	Nut Self-thd Wsh-hd 1/4 Zinc
25	106888X	Spring Rod Brake 2 00 Zinc	96	4497H	Retainer Spring
26	STD551037	Washer 13/32 X 13/16 X 16 Ga	112	19091210	Washer 9/32 x 3/4 x 10 Ga.
27	STD561210	Pin Cotter 1/8 X 3/4 Cad	113	127285X	Strap Torque Lh
28	175765	Rod Brake Parking LT/YT	116	72140608	Bolt Rdhd Sq Neck 3/8-16 x 1
29	71673	Cap Brake Parking	120	73900600	Nut Lock Flg 3/8-16
30	169592	Bracket Mtg Transaxle	145	74490540	Bolt Hex 5/16-18 Gr. 5
32	STD523107	Bolt Hex Hd 5/16-18unc X 3/4	150	175456	Spacer Retainer
34	175578	Shaft Asm Pedal Foot	151	19133210	Washer 13/32 x 2 x 10
35	120183X	Bearing Nylon Blk 629 Id	156	166002	Washer Srted 5/16 ID x 1.125
36	STD551062	Washer 21/32 X 1 X 16 Ga	158	165589	Bracket Shift Mount
37	STD571810	Pin Roll 3/16 X 1"	159	165494	Hub Tapered Flange Shift It
38	179114	Pulley Idler Composite	161	72140406	Bolt Rdhd Sqnk 1/4-20 x 3/4 Gr 5
39	74760648	Bolt Fin Hex 3/8-16 X 3	162	73680400	Nut Crownlock 1/4-20 Unc
41	175556	Keeper Belt Idler	163	74780416	Bolt Hex Fin 1/4-20 Unc x 1 Gr 5
47	127783	Pulley Idler V Groove Plastic	164	19091010	Washer 5/8 x .281 x 10 Ga
48	154407	Bellcrank Asm	165	165623	Bracket Pivot Lever
49	123205X	Retainer Belt Style Spring	166	166880	Screw 5/16-18 x 5/8
50	STD523715	Bolt Hex Hd 3/8-16unc X 1-1/2	168	165492	Bolt Shoulder 5/16-18 x .561
51	STD541437	Nut Crownlock 3/8-16 Unc	169	165580	Plate Fastening Lt
52	STD541431	Nut Crownlock 5/16-18 Unc	170	178394	Keeper Belt Transaxle
53	105710X	Link Clutch	197	169613	Nyliner Snap-In
55	105709X	Spring Return Clutch 6 75	198	169593	Washer Nyliner
56	17060620	Screw 3/8-16 X 1-1/4	202	72110614	Bolt Carr. Sh 3/8-16 x 1-3/4 Gr. 5
57	130801	V-Belt Ground Drive	212	145212	Nut Hex Flange Lock
59	169691	Keeper Belt Span Ctr			
61	17120614	Screw 3/8-16 x .875			
62	8883R	Cover Pedal Blk Round			
63	180219	Engine Pulley LT/YT			

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REPAIR PARTS

TRACTOR - - MODEL NUMBER 917.277060

STEERING ASSEMBLY



REPAIR PARTS

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STEERING ASSEMBLY

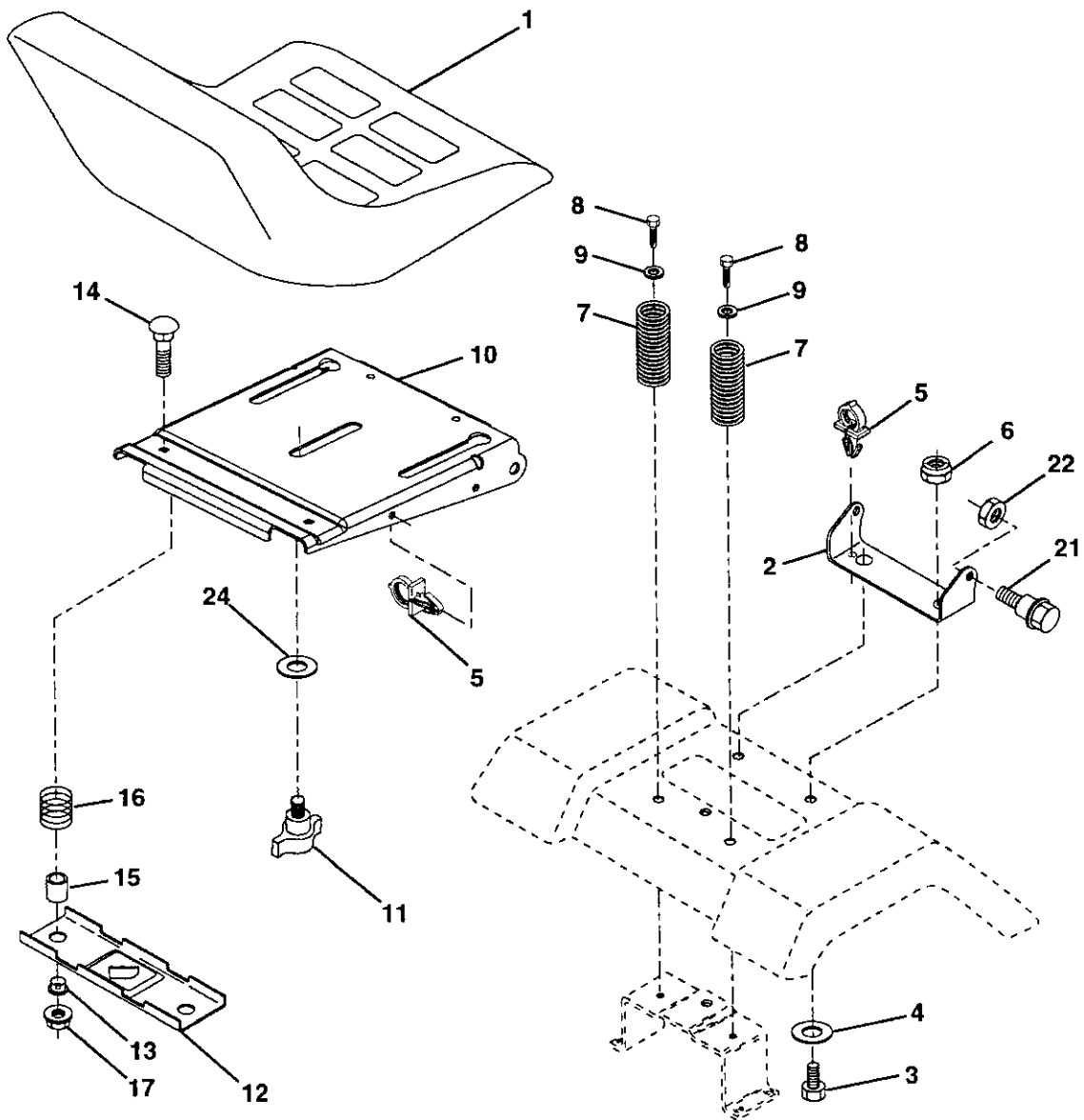
KEY NO.	PART NO.	DESCRIPTION
1	159944X428	Wheel Steering
2	172393	Axle Asm
3	169840	Spindle Asm LH
4	169839	Spindle Asm RH
5	6266H	Bearing Race Thrust Harden
6	121748X	Washer 25/32 X 1-5/8 X 16 Ga
8	12000029	Ring Klip #t5304-75
10	175121	Link Drag
11	STD551137	Washer Lock Hvy Hicl Spr 3/8
13	136518	Spacer Bearing Axle
15	145212	Nut Hexflange Lock
17	177876	Shaft Asm Strg
29	17060612	Screw 3/8-16x3/4
32	171888	Rod Tie
33	19111216	Washer 11/32 x 3/4
34	STD551131	Washer Lock Hvy HICL Spr. 5/16
35	73540500	Crownlock Nut 5/16-24 Unf
36	155099	Bushing Strg
37	152927	Screw
38	159946X428	Insert Cap Strg
39	19132411	Washer 13/32 X 1-1/2 X 11 Ga
40	STD541537	Lock nut
41	159945	Adaptor Wheel Strg
42	145054X428	Boot Steering Shaft
43	121749X	Washer 25/32 X 1 1/4 X 16 Ga
44	153720	Extension Steering Shaft LR/LT
46	121232X	Cap Spindle Fr Top Bk
51	STD541431	Nut Lock Hex w/Ins 5/16-18
54	STD523112	Bolt Fin Hex 5/16-18 Unc x 1-1/4
63	STD523710	Bolt Fin Hex 3/8-16unc x 1 Gr. 5
65	160367	Spacer Brace Axle
67	72140618	Bolt, Rdhd Sq 3/8-16 UNC x 2-1/4
68	169827	Axle, Brace
71	175146	Steering Asm
82	169835	Bracket Susp Chassis Front
87	173966	Washer Flat .781 x 1-1/2 x .14
88	175118	Bolt Shoulder 7/16-20
91	175553	Clip Steering

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SEAT ASSEMBLY



KEY NO.	PART NO.	DESCRIPTION
1	180597	Seat
2	180166	Bracket Pivot Seat 8 720
3	71110616	Bolt Fin Hex 3/8-16unc X 1
4	19131610	Washer 13/32 X 1 X 10 Ga
5	145006	Clip Push-In
6	STD541437	Nut Hex w/Ins. 3/8-16 Unc
7	124181X	Spring Seat Cprsn 2 250 Blk Zi
8	17000616	Screw 3/8-16 X 1.5
9	19131614	Washer 13/32 X 1 X 14 Ga.
10	180186	Pan Seat
11	166369	Knob Seat

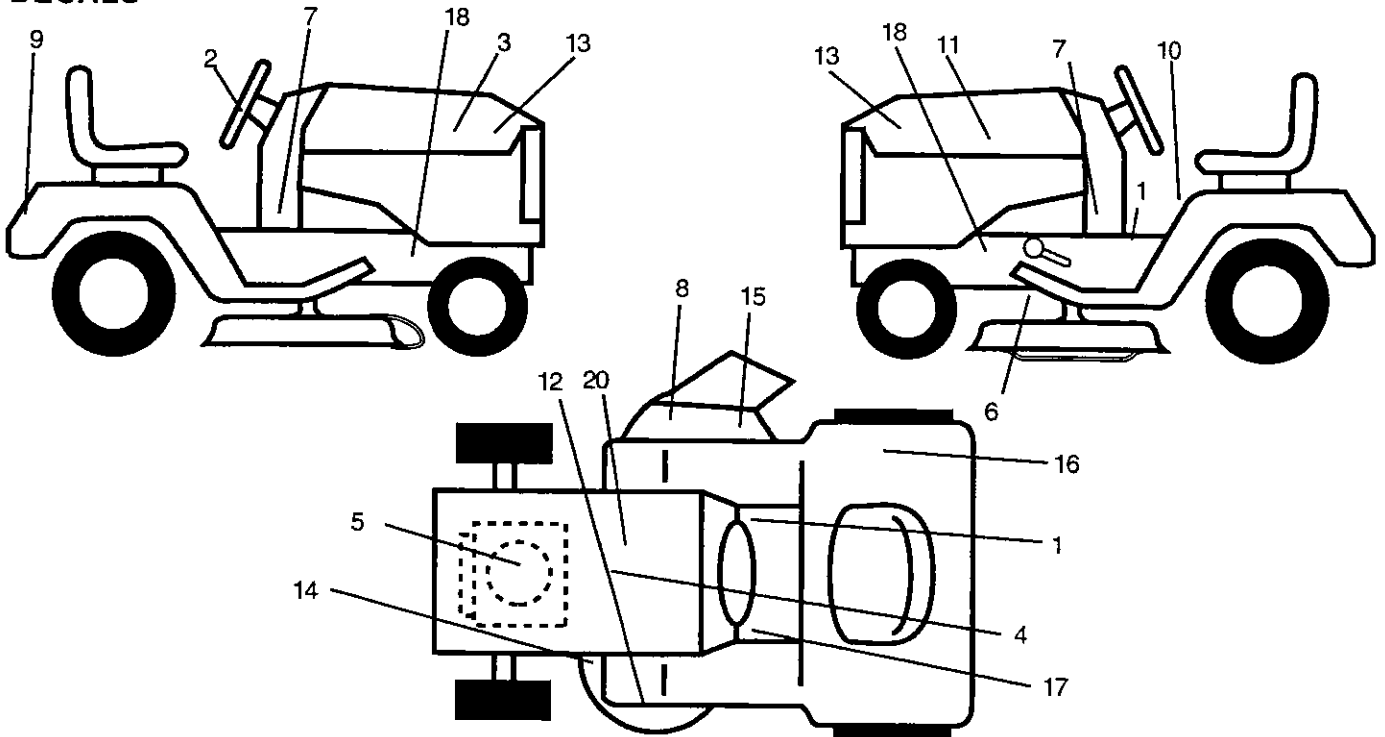
KEY NO.	PART NO.	DESCRIPTION
12	121246X	Bracket Mounting Switch
13	121248X	Bushing Snap Blk Nyl 50 Id
14	72050412	Bolt Rdhd Sqnk 1/4-20x1-1/2
15	134300	Spacer Split 28x 96 Yel Zinc
16	121250X	Spring Cprsn 1 27 Blk Prt
17	123976X	Nut Lock 1/4 Lge Fig Gr 5 Zinc
21	171852	Bolt Shoulder 5/16-18 Unc
22	STD541431	Nut Hex Lock W/Ins 5/16-18
24	19171912	Washer 17/32 X 1-3/16 X 12 Ga.

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REPAIR PARTS

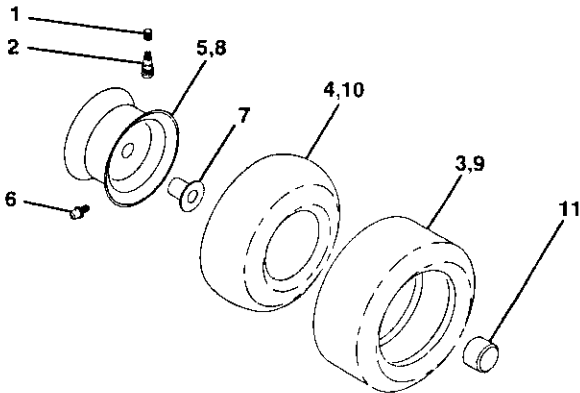
TRACTOR - - MODEL NUMBER 917.277060

DECALS



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	140837	Decal Brake Parking Saddle	14	160396	Decal V-Belt Schematic
2	164065	Decal Steer. Wheel	15	179128	Decal Deck "B"
3	177356	Decal Hood RH	16	180432	Decal Fender
4	138047	Decal Batt Diehard	17	159737	Decal Brake Clutch
5	181569	Decal Engine	18	159736	Decal Chassis Hot Muffler
6	146046	Decal V Belt Drive Sch	20	145005	Decal Bat Dan/Psn
7	181703	Decal Dash Pnl	--	165800X428	Pad Footrest LH STL
8	182166	Decal Cutfinger	--	165799X428	Pad Footrest RH STL
9	163204	Decal Craftsman	--	138311	Decal Handle Lft Height Adjust
10	145498	Decal Fender Owner	--	162598	Decal Draw Bar Load Limit
11	177357	Decal Hood LH	--	182651	Manual Owner's (Euro)
12	172331	Decal Mower Srs Heavy Duty 12 Ga	--	182652	Manual Owner's (Scan)
13	177355	Decal Hood Side	--	182653	Manual Parts

WHEELS & TIRES



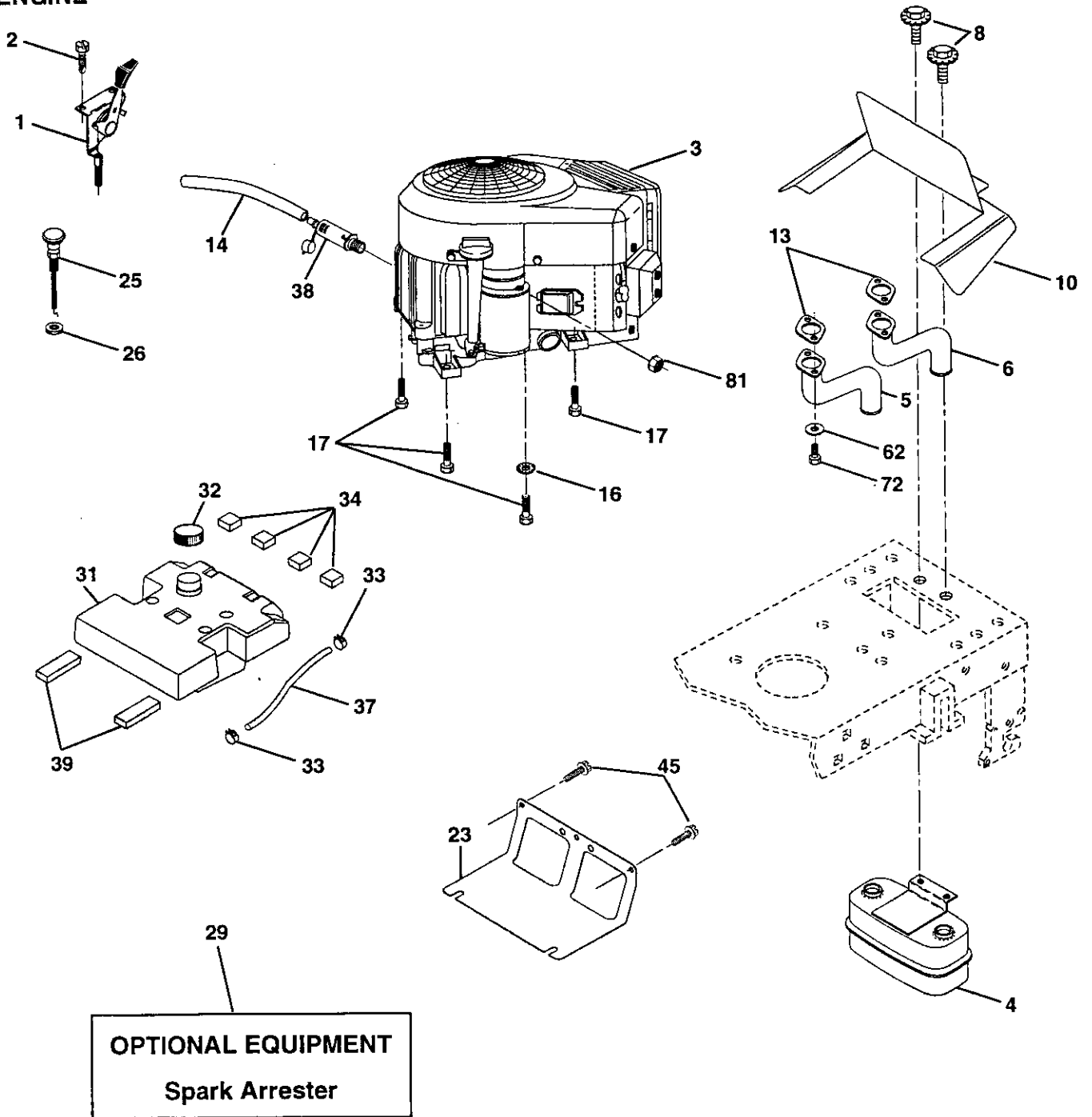
KEY NO.	PART NO.	DESCRIPTION
1	59192	Cap Valve Tire
2	65139	Stem Valve
3	106222X	Tire Front
4	59904	Tube Front (Service Item Only)
5	106732X427	Rim Asm 6"front Service
6	278H	Fitting Grease (Front Wheel Only)
7	9040H	Bearing Flange (Front Wheel Only)
8	106108X427	Rim Asm 8"rear Service
9	122082X	Tire Rear
10	7152J	Tube Rear (Service Item Only)
11	104757X428	Cap Axle Blk 1 50 x 1 00
--	144334	Sealant, Tire (10 oz. Tube)

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ENGINE



REPAIR PARTS

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ENGINE

KEY NO.	PART NO.	DESCRIPTION
1	170546	Control Throt Paddle
2	17720408	Screw Hex Thd Cut 1/4-20x1/2
3	-----	Engine (See Breakdown) B&S Model No. 407777-0204-E1
4	149723	Muffler Exhaust
5	159955	Exhaust Asm. Left
6	160589	Exhaust Asm. Right
8	171877	Bolt 5/16-18unc x 3/4 w/sems
10	162797	Heat Shield Lt
13	165391	Gasket Muffler
14	148456	Tube Drain Oil Easy
16	STD551237	Washer Lock Ext Tooth 3/8
17	17060624	Screw 3/8-16x1-1/2 Tap/R
23	169837	Shield BRN/DBR Guard
25	145996	Control Choke
26	73920600	Nut Keps 3/8-24 UNF
29	137180	Arrestor Spark
31	157103	Tank Fuel 3.5 STL W/O Sensor
32	161696	Cap Fuel Gauge
33	123487X	Clamp Hose Blk
34	106082X	Strip Foam
37	8543R	Line Fuel
38	148315	Plug Drain Oil Easy
39	109227X	Pad Spacer
45	17000612	Screw Hexwsh Thdrol 3/8-16 x 3/4
62	10040500	Washer Lock Hvy Hlcl Spr 5/16
72	71070512	Screw Hex Hd Cap 5/16-18 x 3/4
81	73510400	Nut Keps Hex 1/4-20 UNC

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MOWER DECK

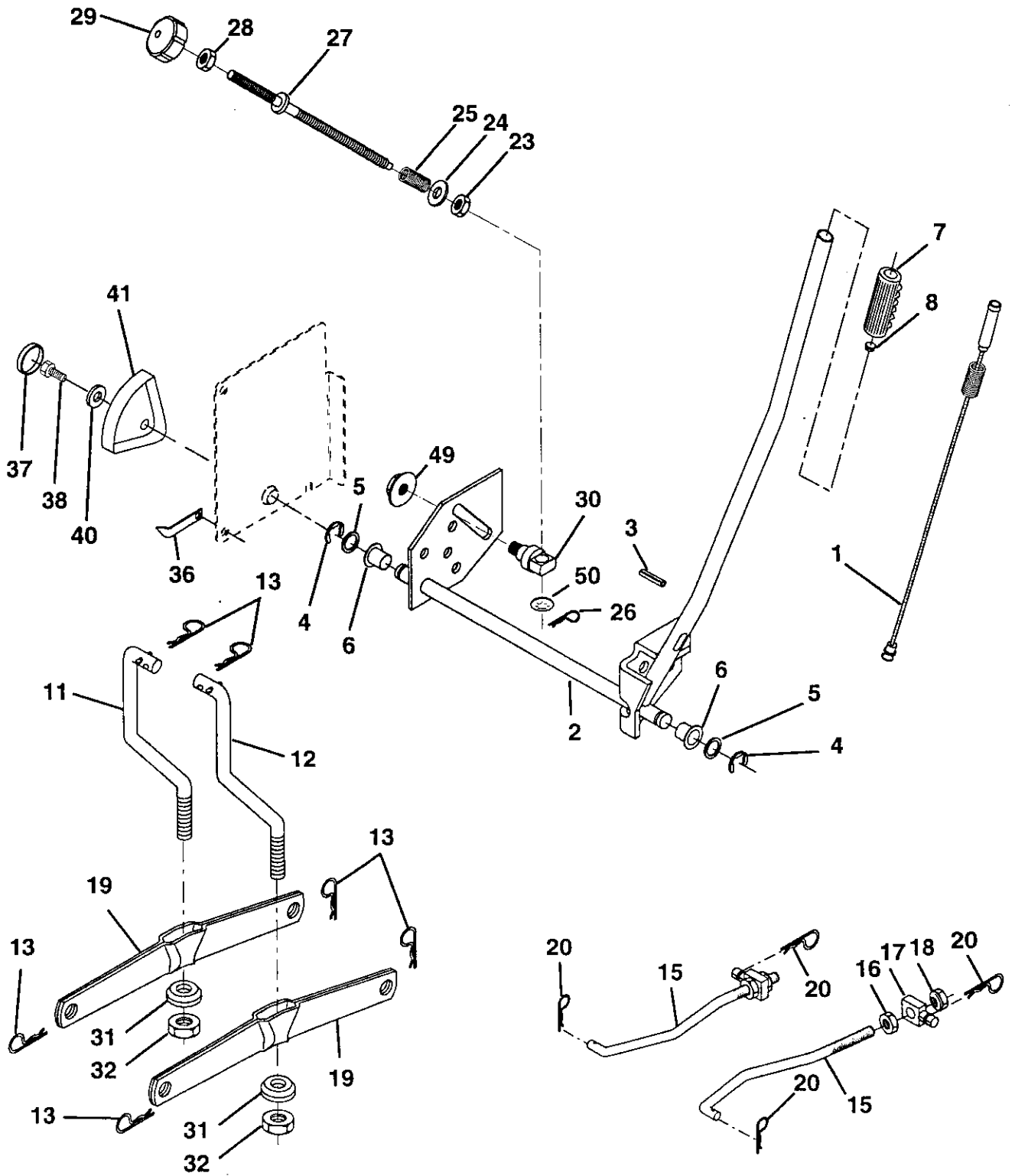
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	165892	Mower Deck Assembly, 42"	54	133943	Washer, Hardened
2	STD533107	Bolt	55	155046	Arm, Idler
3	138017	Bracket Assembly, Sway Bar, Front	56	165723	Spacer, Retainer
4	165460	Bracket Sway Bar 38/42" Deck	59	141043	Guard, TUV Idler
5	STD624008	Retainer Spring	67	149846	Knob Custom Oval
6	178024	Bar Sway Deck	68	180215	V-Belt
8	850857	Bolt, Hex 3/8-24 x 1.25 Gr. 8	92	STD541437	Nut
9	STD551137	Washer, Lock	101	136420	Mulcher Cover
10	140296	Washer, Hardened	102	71081010	Screw
11	134149	Blade Mulching 42" (Originally Equipped With)	103	19061216	Washer #10
--	138498	Blade Mower 42" Hi-Lift Std (For Better Bagging, Especially In Wet Conditions)	104	STD551110	Washer, Lock
--	139775	Blade Mulching 42" Premium (For Better Wear When Mulching)	105	160793	Latch Assembly, Bagger
--	138971	Blade Mower 42" Hi-Lift Premium (For Better Wear When Bagging In Heavy or Wet Conditions)	106	2029J	Nut, Weld
13	137645	Shaft Assembly, Mandrel, Vented	111	179292	Bracket, Ga. Wheel LH
14	128774	Housing, Mandrel, Vented	112	179293	Bracket, Ga. Wheel RH
15	110485X	Bearing, Ball, Mandrel	113	17060510	Screw Tapping 3/8-16 x .625
16	174493	Stripper, Vented Mower Deck	114	STD541431	Nut, Hex, Keps 5/16-18 UNC
18	72140505	Bolt, Carriage 5/16-18 x 5/8	115	STD533106	Bolt Carr. 5/16-18 x 5/8
19	132827	Bolt, Shoulder	116	4898H	Bolt Shoulder
20	159770	Baffle, Vortex	117	165746	Wheel Gauge
21	STD541431	Nut Crownlock 5/16-18 UNC	118	73930600	Nut, Centerlock 3/8-16
23	177563	Bracket, Deflector	119	STD551037	Washer 3/8 x 7/8 x 14 Gauge
24	105304X	Cap, Sleeve	129	19131312	Washer 13/32 x 13/16 x 12 Ga.
25	123713X	Spring, Torsion, Deflector	130	STD523710	Bolt, Fin Hex 3/8-16 UNC x 1 Gr. 5
26	110452X	Nut, Push	131	STD533710	Bolt, Rdhd Sqnk 3/8-16 UNC
27	130968X428	Shield, Deflector	142	165890	Arm Spring Brake Mower
28	19111016	Washer 11/32 x 5/8 x 16 Ga.	143	157109	Bracket Arm Idler 42"
29	131491	Rod, Hinge	144	158634	Keeper Belt 42" Clutch Cable
30	173984	Screw Thd Roll DOD PT. Hex	145	165888	Pulley Idler Flat
31	129963	Washer, Spacer	146	171977	Bolt Carriage Idler
32	153535	Pulley, Mandrel	147	131335	Spring Extension
33	178342	Nut, Toplock, Flanged	148	169022	Spring Return Idler
34	STD533717	Bolt Rdhd 3/8-16 x 1-3/4	149	165898	Retainer Spring Yellow Zinc
36	131494	Pulley, Idler, Flat	150	19091216	Washer 9/32 x 3/4 x 16 Ga.
37	STD551037	Washer 13/32 x 13/16 x 16 Gauge	151	169670	Bracket Clutch
40	STD541437	Nut Crownlock 3/8-16 UNC	152	181555	Cable Clutch 42 In
44	140088	Guard, Mandrel, L.H.	153	169674	Washer Flat 3/8" Type B
45	STD624003	Retainer	154	169675	Spring Retainer
46	137729	Screw, Thd. Roll 1/4-20 x 5/8	155	169671	Spring Retention Lever
48	133944	Washer, Hardened	156	169672	Spacer
49	174284	Roller Assembly, Cam Follower	157	169669	Rod Clutch
50	131340	Bolt, Shoulder #10-24 Grade 5	158	17720408	Screw Hex Thd Cut 1/4-20 x 1/2
51	STD541410	Locknut	159	72140614	Bolt Rdhd Sqn 3/8-16unc x 1-3/4
52	139888	Bolt, Shoulder 5/16-18 UNC	--	130794	Mandrel Assembly (Includes Housing, Shaft and Shaft Hardware Only - Pulley Not Included)
53	131845	Arm Assembly, Pad, Brake	--	181281	Replacement Mower, Complete

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REPAIR PARTS

TRACTOR - - MODEL NUMBER 917.277060

LIFT



REPAIR PARTS

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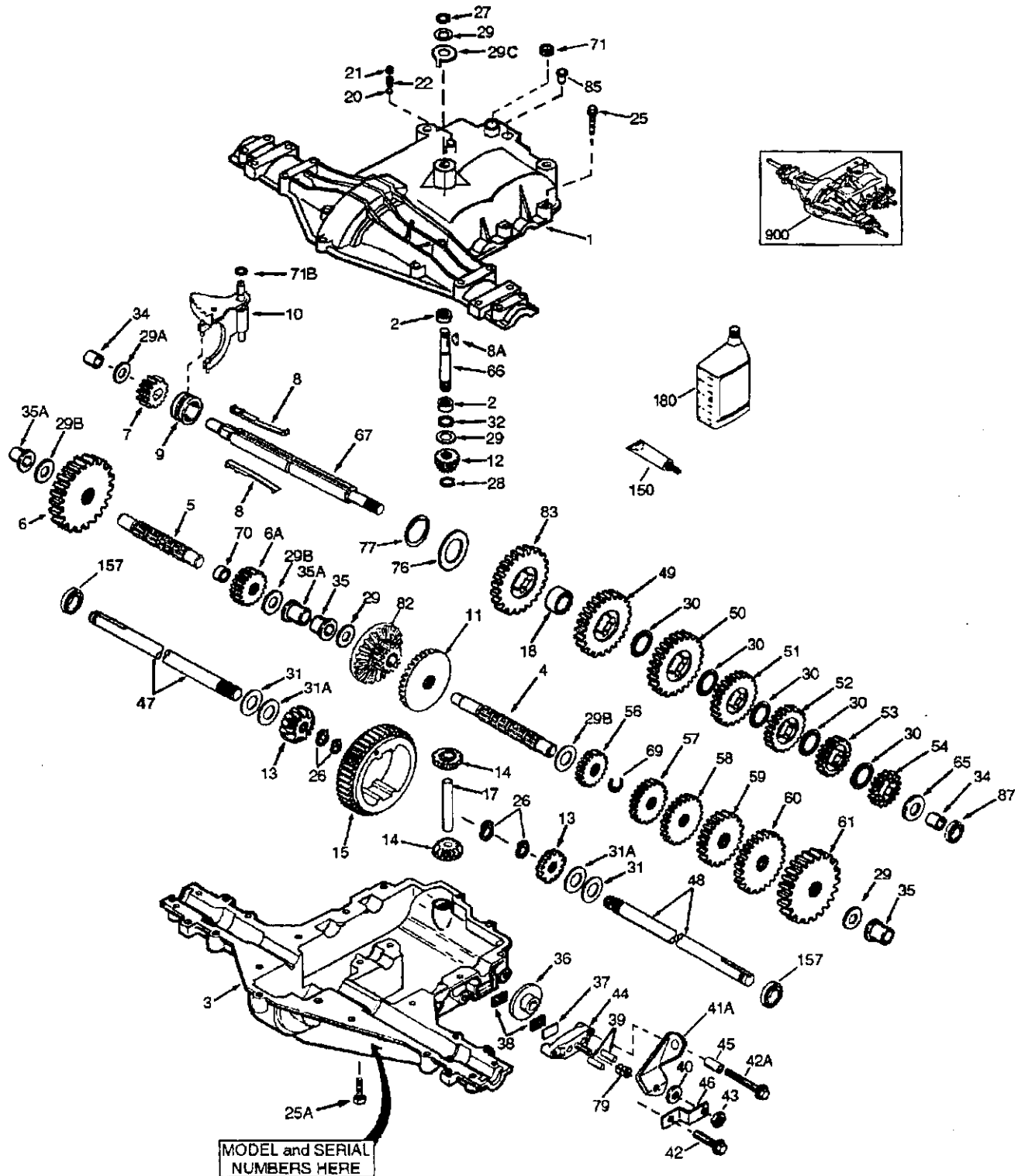
LIFT

KEY NO.	PART NO.	DESCRIPTION
1	159460	Wire Asm Inner/Sprg W/plunger LT
2	159471	Shaft Asm Lift RH w/Inf
3	105767X	Pin Groove 1 500 Zinc
4	12000002	E Ring #5133-62
5	19211621	Washer 21/32 X 1 X 21 Ga
6	120183X	Bearing Nylon Blk 629 Id
7	125631X	Grip Handle
8	122365X	Button Plunger Red
11	139865	Link Lift LH Fixed Length
12	139866	Link Lift RH Fixed Length
13	4939M	Retainer Spring
15	173288	Link Front
16	73350800	Nut Jam Hex 1/2-13 Unc
17	173689	Trunnion Blk Zinc
18	73800800	Nut Lock w/Wsh 1/2-13 Unc
19	139868	Arm Suspension Rear
20	163552	Retainer Spring
23	110807X	Nut Special
24	19131016	Washer 13/32 X 5/8 X 16 Ga
25	2876H	Spring 2-1/8"
26	169484	Retainer Clip
27	126971X	Rod Adj Lift Zinc 7.49 Wrk Lg
28	73350600	Nut Hex Jam 3/8-16 Unc
29	138057	Knob Inf 3/8-16 Unc Blk W/sym
30	150233	Trunnion Infin Height
31	169865	Bearing Pvt Lift
32	73540600	Nut Crownlock 3/8 - 24
36	155097	Pointer Height Indicator
37	123935X	Plug Hole Blk 1.485/1.515 Dia.
38	17060516	Screw Thdrol 5/16-18 x 1
40	19112410	Washer 11/32 x 1-1/2 10 Ga.
41	155098	Indicator Height STLT
49	145212	Nut Hex Flange Lock
50	110452X	Nut PUsH Phos & Oil

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

REPAIR PARTS

TRACTOR - - MODEL NUMBER 917.277060
PEERLESS PMST TRANSAXLE - MODEL NUMBER 206-545C



REPAIR PARTS

TRACTOR - - MODEL NUMBER 917.277060

PEERLESS PMST TRANSAXLE - MODEL NUMBER 206-545C

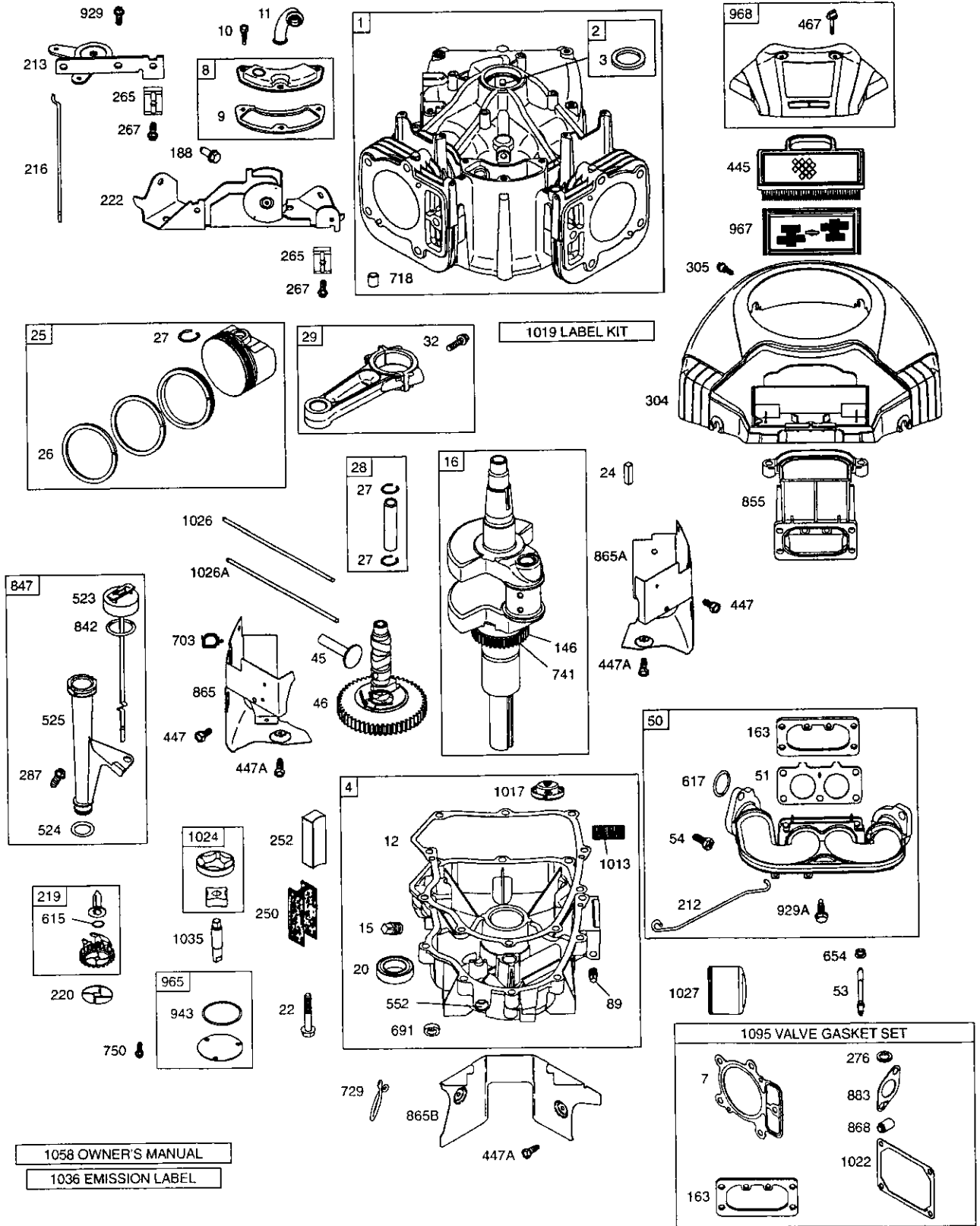
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	772147	Transaxle Cover	41A	790079	Brake Lever
2	780086A	Needle Bearing 5/8"	42	792073A	Screw 1/4 - 20 x 1-1/4"
3	770128	Transaxle Case	42A	792085A	Screw 1/4 - 20 x 2 1/4"
4	776395	Countershaft	43	792075	Locknut 5 / 16 - 24
5	776409	Output Shaft	44	790025	Brake Pad Holder
6	778364	Spur Gear (38 teeth)	45	786066	Spacer .2625 x 1.0
6A	778369	Spur Gear (15 teeth)	46	786086	Brake Lever Bracket
7	778330	Spur Gear (11 teeth)	47	774690	Axle (11-15 / 16" Long)
8	792180	Shift Key	48	774691	Axle (16 - 1 / 2" long)
8A	792047	Woodruff Key #9	49	778356	Spur Gear (29 teeth)
9	784352	Shift Collar	50	778338	Spur Gear (27 teeth)
10	784378	Shift Rod & Fork	51	778354	Spur Gear (23 teeth)
11	778334	Bevel Gear (30 teeth)	52	778352	Spur Gear (19 teeth)
12	778309	Input Bevel Pinion (13 teeth)	53	778350	Spur Gear (16 teeth)
13	778368	Bevel Gear (13 teeth) (Include. 14)	54	778346	Spur Gear (15 teeth)
14	778368	Bevel Pinion (13 teeth) (Include. 13)	56	778355	Spur Gear (11 teeth)
15	778370	Ring Gear (43 teeth)	57	778337	Spur Gear (13 teeth)
17	786188	Drive Pin	58	778353	Spur Gear (17 teeth)
18	786102	Spacer 1.130 X .695	59	778351	Spur Gear (21 teeth)
20	792077A	Ball 5/16" dia	60	778349	Spur Gear (24 teeth)
21	792078	Set Screw 3/8 - 16 x 3/8"	61	778345	Spur Gear (25 teeth)
22	792079	Spring .310 OD x .625 L	65	780189	Flat Washer .563 ID x .062W
25	792073A	Screw 1/4 - 20 x 1-1/4"	66	776422	Input Shaft
25A	792177	Screw 1/4-20 x 1-3/8"	67	776396	Shifter & Brake Shaft
26	792125	Retaining Ring (pkg of 2)	69	792170	Retaining Ring
27	792035	Retaining Ring	70	786187	Spacer .890
28	788040	Retaining Ring	71	788069	Square Cut Ring
29	780072	Thrust Washer .627 ID x .031W	71B	788092	"O" Ring
29A	780160	Thrust Washer .762 ID x .031W	76	780090	Flat Washer 1.128 ID x .058W
29B	780051	Thrust Washer .762 ID x .031W	77	788078A	Inverted Retaining Ring
29C	780199	Anti-Rotation Washer .632	79	792144	Spring .430 OD x .5000 L
30	780108	Cup Washer 1.127 ID x .032W	82	778333	Bevel & Spur Gear (30 & 13 teeth)
31	780001	Flat Washer .750 ID x .056W (Use As Needed)	83	778338	Spur Gear (27 teeth)
31A	780195	Flat Washer .750 ID x .062W	85	792154	Oil Fill Plug
32	788083	Oil Seal 5/8"	87	788089A	Oil Seal 9 / 16"
34	780194	Bushing .563	150	788093A	Liquid Gasket RTV Silicone
35	780193	Flanged Bushing 5 / 8" ID	157	788088A	Oil Seal 3 / 4"
35A	780197	Flanged Bushing .751	180	730229A	Gear Oil 80W90
36	790075	Brake Disk	900	794712	Replacement MST - 206-545C Transaxle
37	790007	Brake Pad Plate			
38	799021	Brake Pad (pkg of 2)			
39	786026	Dowel Pin			
40	792076A	Flat Washer .312 ID x .059W			

NOTE: All component dimensions given in U.S. inches
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REPAIR PARTS

TRACTOR - - MODEL NUMBER 917.277060

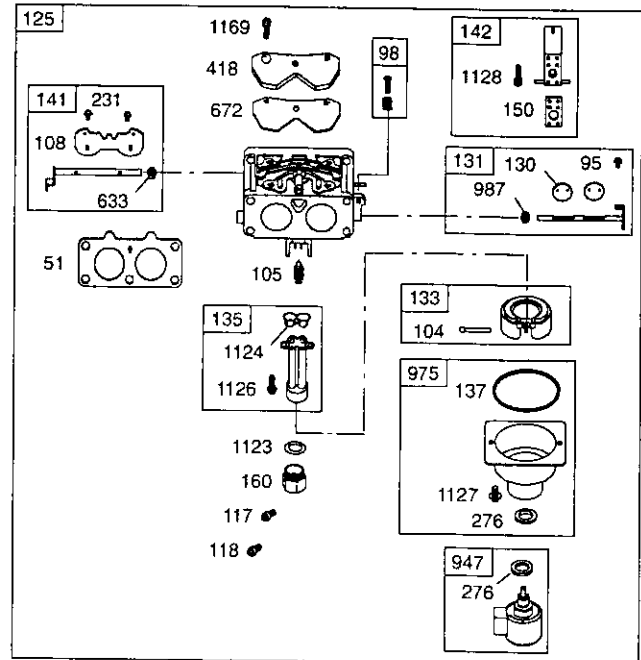
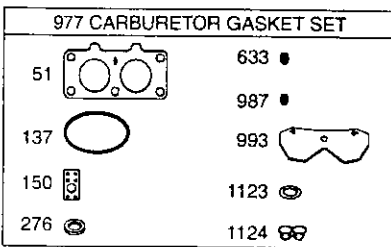
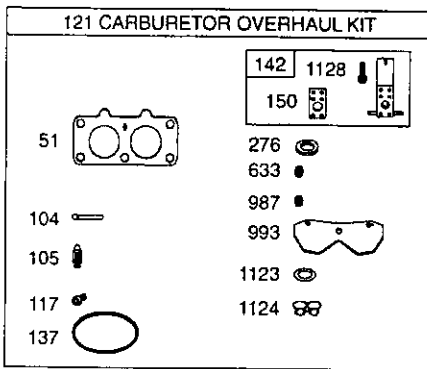
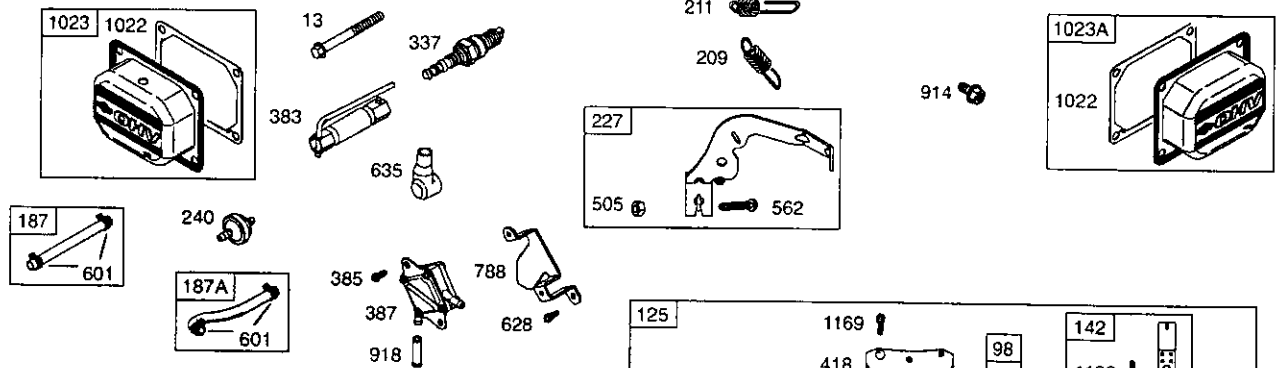
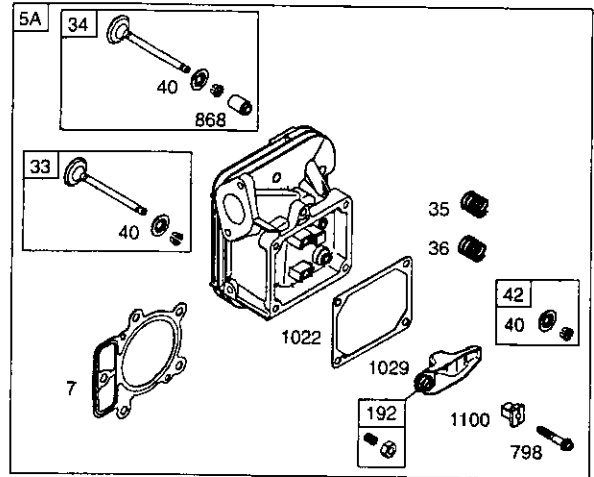
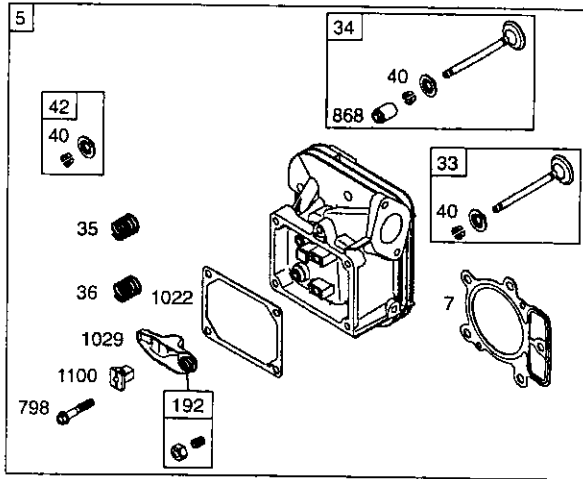
BRIGGS & STRATTON ENGINE - - MODEL NUMBER 407777, TYPE NUMBER 0204-E1



REPAIR PARTS

TRACTOR - - MODEL NUMBER 917.277060

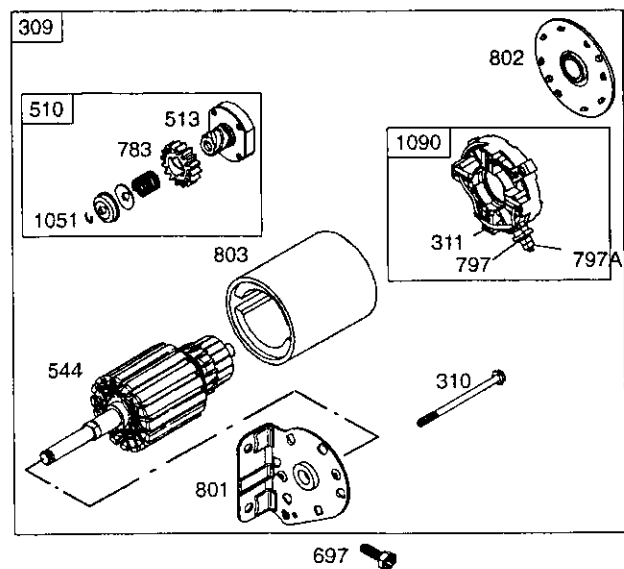
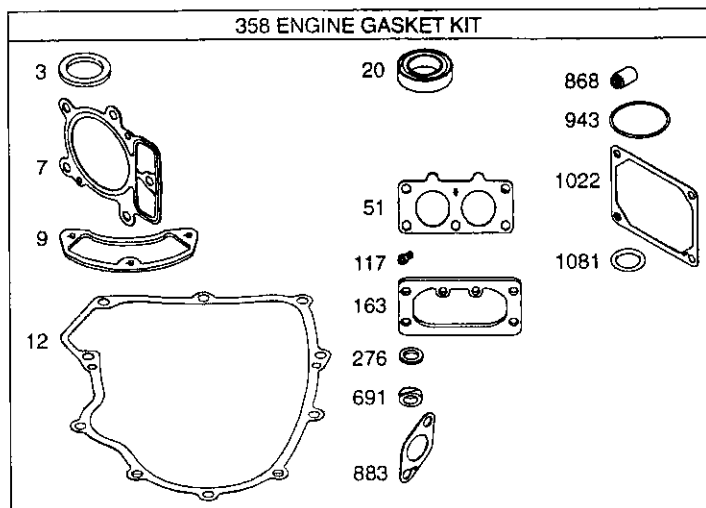
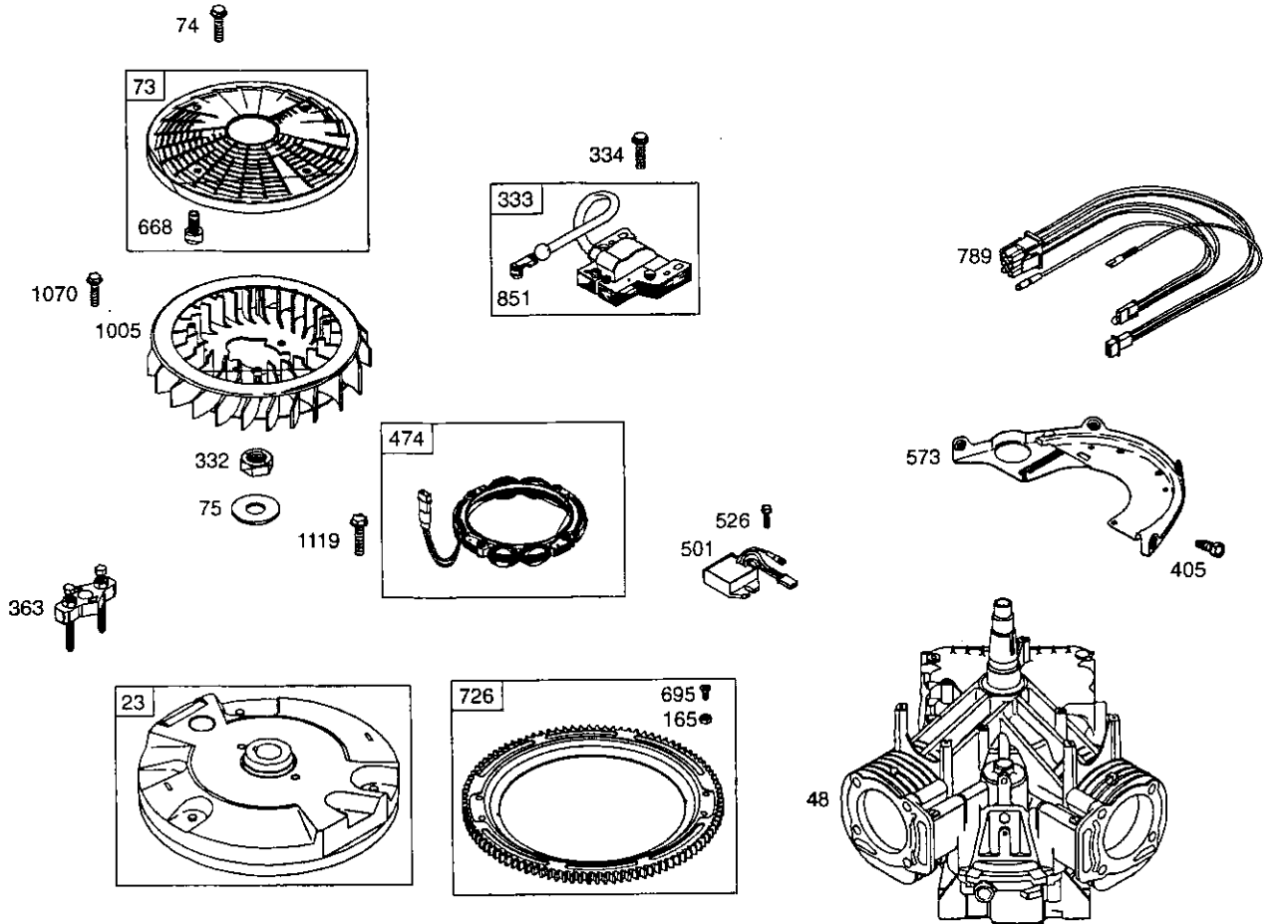
BRIGGS & STRATTON ENGINE - - MODEL NUMBER 407777, TYPE NUMBER 0204-E1



REPAIR PARTS

TRACTOR - - MODEL NUMBER 917.277060

BRIGGS & STRATTON ENGINE - - MODEL NUMBER 407777, TYPE NUMBER 0204-E1



REPAIR PARTS

TRACTOR - - MODEL NUMBER 917.277060

BRIGGS & STRATTON ENGINE - - MODEL NUMBER 407777, TYPE NUMBER 0204-E1

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	690231	Cylinder Assembly	117	690232	Ø Jet-Main (Standard)
2	499585	Kit-Bushing/Seal (Magneto Side)	118	690989	Jet-Main (High Altitude)
3	391086	• Seal-Oil (Magneto Side)	121	499811	Kit-Carburetor Overhaul
4	690069	Sump-Engine	125	499804	Carburetor
5	693998	Head-Cylinder (Cylinder 1)	130	690993	Valve-Throttle
5A	693999	Head-Cylinder (Cylinder 2)	131	499805	Kit-Throttle Shaft
7	690962	•+ Gasket-Cylinder Head	133	499806	Float-Carburetor
8	499601	Breather Assembly	135	499803	Tube-Fuel Transfer
9	690937	• Gasket-Breather	137	690994	Ø‡ Gasket-Float Bowl
10	690960	Screw (Breather Assembly)	141	499807	Kit-Choke Shaft
11	690942	Tube-Breather	142	499808	Ø Nozzle-Carburetor
12	697227	• Gasket-Crankcase	146	690979	Key-Timing
13	690360	Screw (Cylinder Head)	150	690995	Ø‡ Gasket-Nozzle
15	690946	Plug-Oil Drain	160	690996	Retainer-Solenoid
16	691046	Crankshaft	163	691001	•+ Gasket-Air Cleaner
20	690947	• Seal-Oil (PTO Side)	165	693148	Nut (Ring Gear)
22	694966	Screw (Engine Sump)	187	691050	Line-Fuel (Cut to Required Length)
23	691053	Flywheel	187A	691049	Line-Fuel (Molded)
24	222698	Key-Flywheel	188	690960	Screw (Control Bracket)
25	499588	Piston Assembly (Standard)	192	690083	Adjuster-Rocker Arm
25	499589	Piston Assembly (.010" Oversize)	209	697674	Spring-Governor
25	499590	Piston Assembly (.020" Oversize)	211	691019	Spring-Governed Idle
25	499591	Piston Assembly (.030" Oversize)	212	695238	Link-Throttle
26	499604	Ring Set-Piston (Standard)	213	691021	Bracket-Choke Control
26	499605	Ring Set-Piston (.010" Oversize)	216	691022	Link-Choke
26	499606	Ring Set-Piston (.020" Oversize)	219	696376	Gear-Governor
26	499607	Ring Set-Piston (.030" Oversize)	220	690412	Washer (Governor Lever)
27	690975	Lock-Piston Pin	222	697678	Bracket-Control
28	690229	Pin-Piston	227	691048	Lever-Governor Control
29	499583	Rod-Connecting	231	690718	Screw (Choke Valve)
32	690976	Screw (Connecting Rod)	240	691035	Filter-Fuel
33	499596	Valve-Exhaust	250	690957	Retainer-Breather
34	499597	Valve-Intake	252	690956	Collector-Oil
35	690963	Spring-Valve (Intake)	265	691024	Clamp-Casing
36	690963	Spring-Valve (Exhaust)	267	695134	Screw (Casing Clamp)
40	690964	Retainer-Valve	276	690997	Ø+ Washer-Sealing
42	499586	Keeper-Valve	287	690960	Screw (Dipstick Tube)
45	690977	Tappet-Valve	304	695277	Housing-Blower
46	690978	Camshaft	305	691005	Screw (Blower Housing)
48	692714	Short Block (446777-0027-E2 Replacement Engine)	309	691262	Motor-Starter
50	695241	Manifold-Intake	310	691263	Bolt-Starter Motor
51	690950	• Ø‡ Gasket-Intake	311	497608	Brush Set
53	690951	Stud (Carburetor)	332	691059	Nut (Flywheel)
54	695240	Screw (Intake Manifold)	333	691060	Armature-Magneto
73	691055	Screen-Rotating	334	691061	Screw (Magneto Armature)
74	691057	Screw (Rotating Screen)	337	691043	Spark Plug
75	691056	Washer (Flywheel)	358	694012	Set-Engine Gasket
89	690283	Plug-Oil			
95	690718	Screw (Throttle Valve)			
98	499802	Kit-Idle Speed			
104	690984	Ø Pin-Float Hinge			
105	690985	Ø Valve-Float Needle			
108	690986	Valve-Choke			

RPM Settings: Low Speed: 1900-2100
High Speed: 3000-3200

- Included in Engine Gasket Set, Key. No. 358
- Ø Included in Carburetor Overhaul Kit, Key. No. 121
- ‡ Included in Carburetor Gasket Set, Key. No. 977
- + Included in Valve Gasket Set, Key. No. 1095

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

REPAIR PARTS

TRACTOR - - MODEL NUMBER 917.277060

BRIGGS & STRATTON ENGINE - - MODEL NUMBER 407777, TYPE NUMBER 0204-E1

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
363	691062	Flywheel Puller	847	499602	Dipstick/Tube Assembly
383	690966	Wrench-Spark Plug	851	493880	Terminal-Sparkplug
385	690960	Screw (Fuel Pump)	855	691011	Adapter-Air
387	808656	Pump-Fuel	865	691012	Cover-Air Guide
404	690442	Washer (Governor Crank)	865A	691014	Cover-Air Guide
405	690960	Screw (Back Plate)	865B	691015	Cover-Air Guide
418	690999	Plate-Carburetor	868	690968	*+ Seal-Valve
445	499486	Filter-Air Cleaner Cartridge	914	691127	Screw (Rocker Cover)
447	691003	Screw (Air Guide Cover)	918	694000	Hose-Vacuum
447A	690960	Screw (Air Guide Cover)	929	695239	Screw (Choke Control Bracket)
467	691008	Knob-Air Cleaner	929A	691003	Screw (Choke Control Bracket)
474	696458	Alternator	943	690589	• Seal-O Ring (Oil Pump Cover)
501	691185	Regulator	947	499809	Solenoid-Fuel
505	691029	Nut (Governor Control Lever)	965	499613	Cover-Oil Pump
510	497606	Drive-Starter	967	272638	Filter-Pre Cleaner
513	692024	Clutch-Drive	968	499788	Cover-Air Cleaner
523	691036	Dipstick	975	499810	Bowl-Float
524	691032	• Seal-Dipstick Tube	977	499812	Gasket Set-Carburetor
525	691037	Tube-Dipstick	987	691000	Ø‡ Seal-Throttle Shaft
526	690960	Screw (Regulator)	1005	499603	Fan-Flywheel
544	-----	Armature-Starter (Service with 691262 Starter Motor)	1013	690954	Nipple-Oil Filter
552	690552	Bushing-Governor Crank	1017	690770	Screen-Oil Pump
552A	690553	Bushing-Governor Crank	1019	690103	Kit-Label
562	690311	Bolt (Governor Control Lever)	1022	690971	*+ Gasket-Rocker Cover
573	691009	Plate-Back	1023	499599	Cover-Rocker (Cylinder 1)
601	691038	Clamp-Hose	1023A	499600	Cover-Rocker (Cylinder 2)
615	690317	Retainer-Governor Shaft	1024	499054	Pump-Oil
616	691045	Crank-Governor	1026	690981	Rod-Push (Steel)
617	691917	Seal-O Ring (Intake Manifold)	1026A	690982	Rod-Push (Aluminum)
628	690960	Screw (Fuel Pump Bracket)	1027	492932	Filter-Oil
633	690998	Ø‡ Seal-Choke/Throttle Shaft	1029	690972	Arm-Rocker
635	66538	Boot-Sparkplug	1035	691042	Shaft-Pump
654	690958	Nut (Carburetor)	1036	695704	Label-Emission
668	691215	Spacer	1051	691265	Ring-Retaining
672	690234	Ø‡ Gasket-Carburetor Plate	1058	274794	Owner's Manual
691	690657	• Seal-Governor Shaft	1070	691674	Screw (Flywheel Fan)
695	693149	Screw (Ring Gear)	1090	691293	Retainer-Brush
697	690372	Screw (Drive Cap)	1095	694013	Kit-Valve Overhaul
703	691010	Clip	1100	690973	Pivot-Rocker Arm
718	690959	Pin-Locating	1119	691183	Screw (Alternator)
726	499612	Gear-Ring	1123	690987	Ø ‡ Seal-O Ring (Solenoid Retainer)
729	694123	Clip-Wire	1124	690988	Ø ‡ Seal-O Ring (Fuel Transfer Tube)
741	690980	Gear-Timing	1126	690991	Screw (Fuel Transfer Tube)
742	690328	Retainer-E Ring	1127	690992	Screw (Float Bowl)
750	691033	Screw (Oil Pump Cover)	1128	690990	Ø Screw (Carburetor Nozzle)
783	693058	Gear-Pinion	1169	693140	Screw (Carburetor Cover Plate)
788	691039	Bracket-Fuel Pump			RPM Settings: Low Speed: 1900-2100
789	695050	Harness-Wiring			High Speed: 3000-3200
797	691029	Nut (Brush Retainer)			
797A	693167	Nut (Brush Retainer)			
798	690967	Screw (Rocker Arm)			
801	691283	Cap-Drive			
802	691286	Cap-End			
803	-----	Housing-Starter (Service with 691262 Starter Motor)			
842	691031	• Seal-Dipstick/Tube			

- Included in Engine Gasket Set, Key. No. 358
- Ø Included in Carburetor Overhaul Kit, Key. No. 121
- ‡ Included in Carburetor Gasket Set, Key. No. 977
- + Included in Valve Gasket Set, Key. No. 1095

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