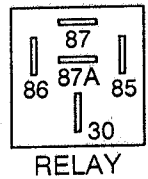
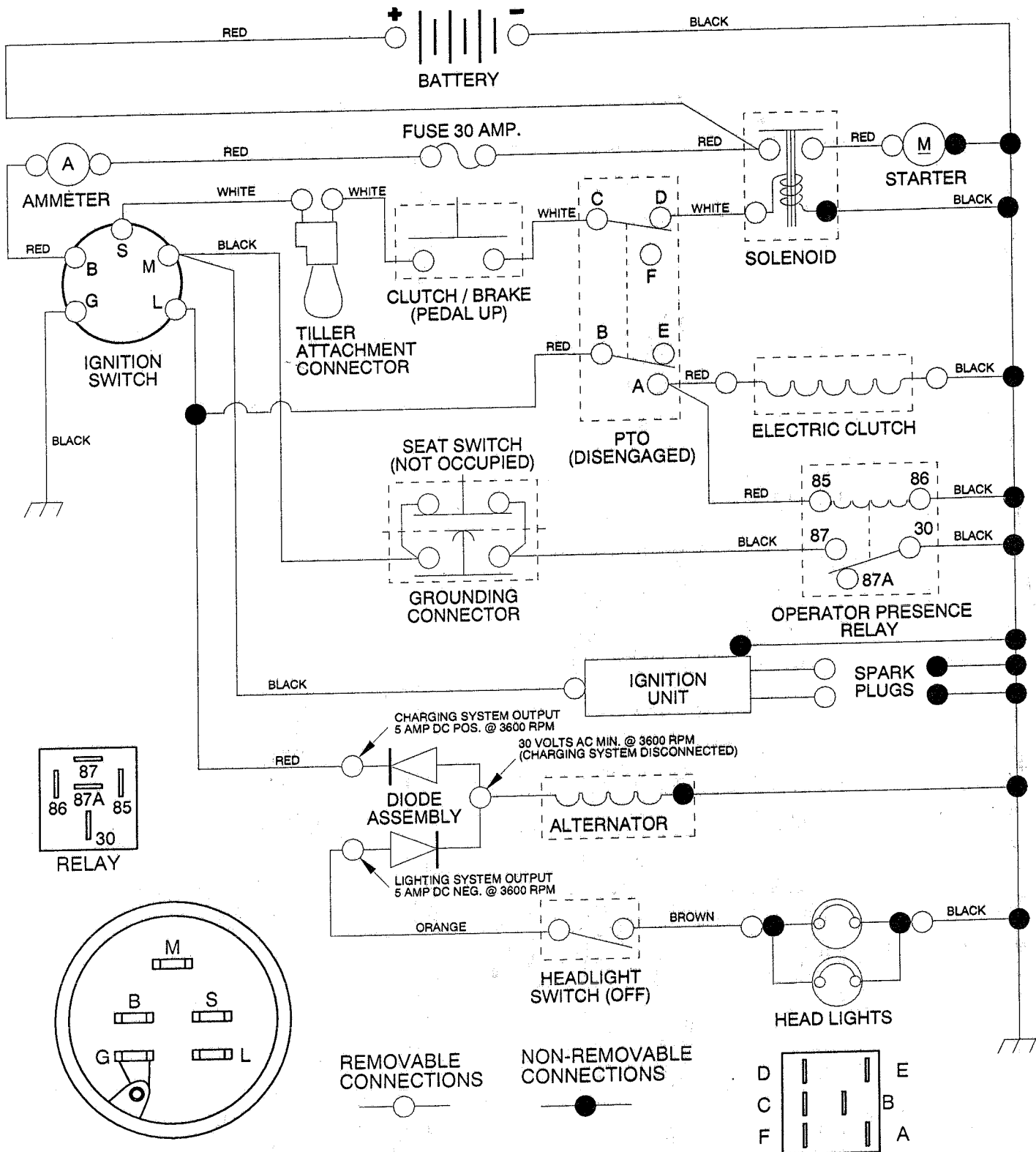
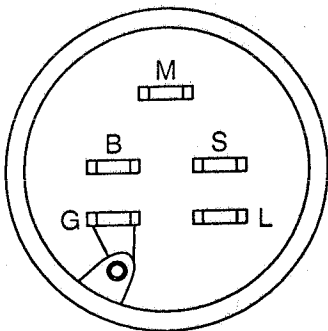


18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

SCHEMATIC



RELAY



IGNITION SWITCH

POSITION	CIRCUIT
OFF	M + G
ON	B + L
START	B + S

REMOVABLE CONNECTIONS

NON-REMOVABLE CONNECTIONS

WIRING INSULATED CLIPS

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

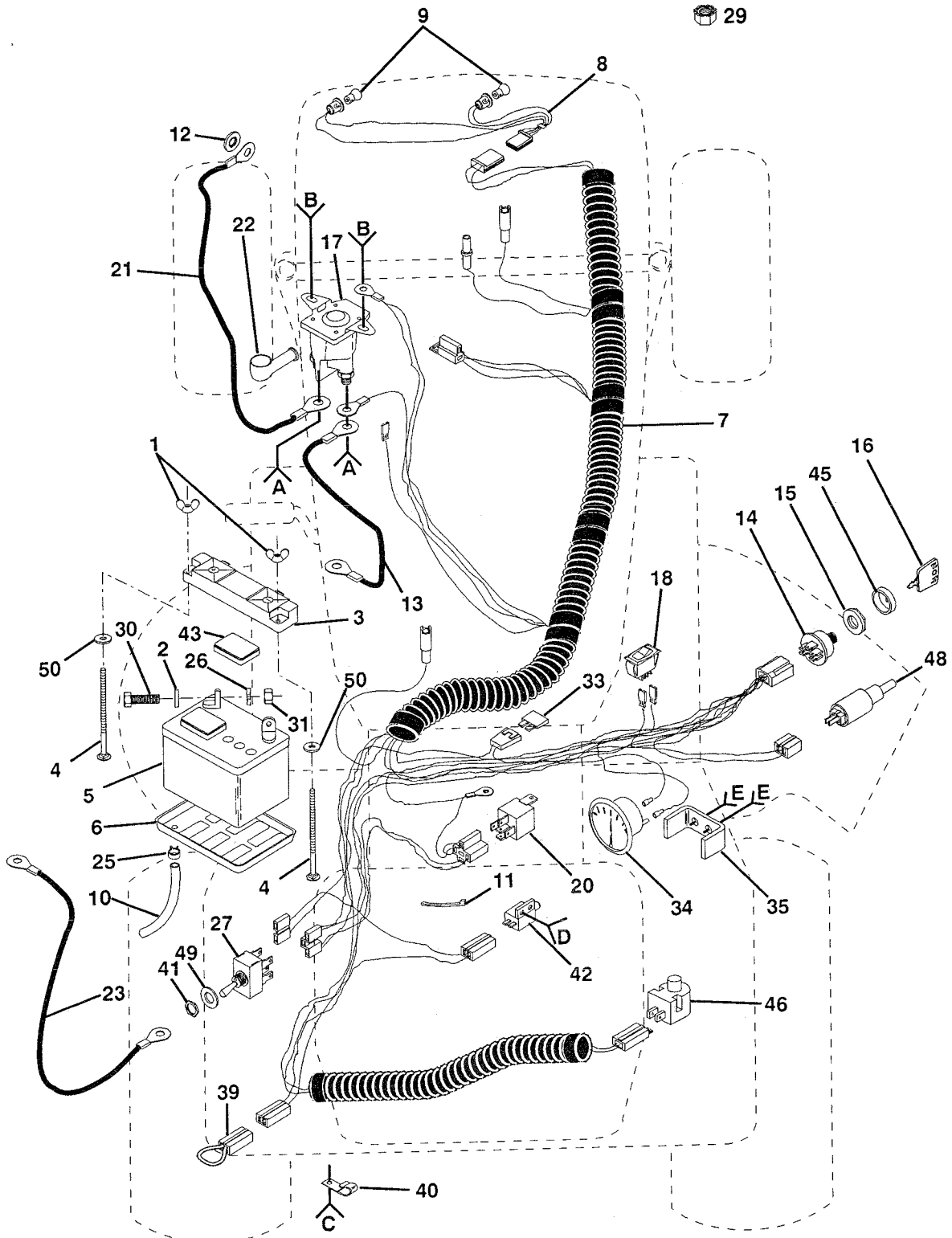
POSITION	CIRCUIT
OFF	B + E, C + D
ON	B + A, C + F

REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

ELECTRICAL

- | A | B | C | D | E |
|----|----|----|----|----|
| 24 | 28 | 28 | 47 | 38 |
| 44 | 32 | 19 | | 36 |
| | 29 | | | 37 |



REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

ELECTRICAL

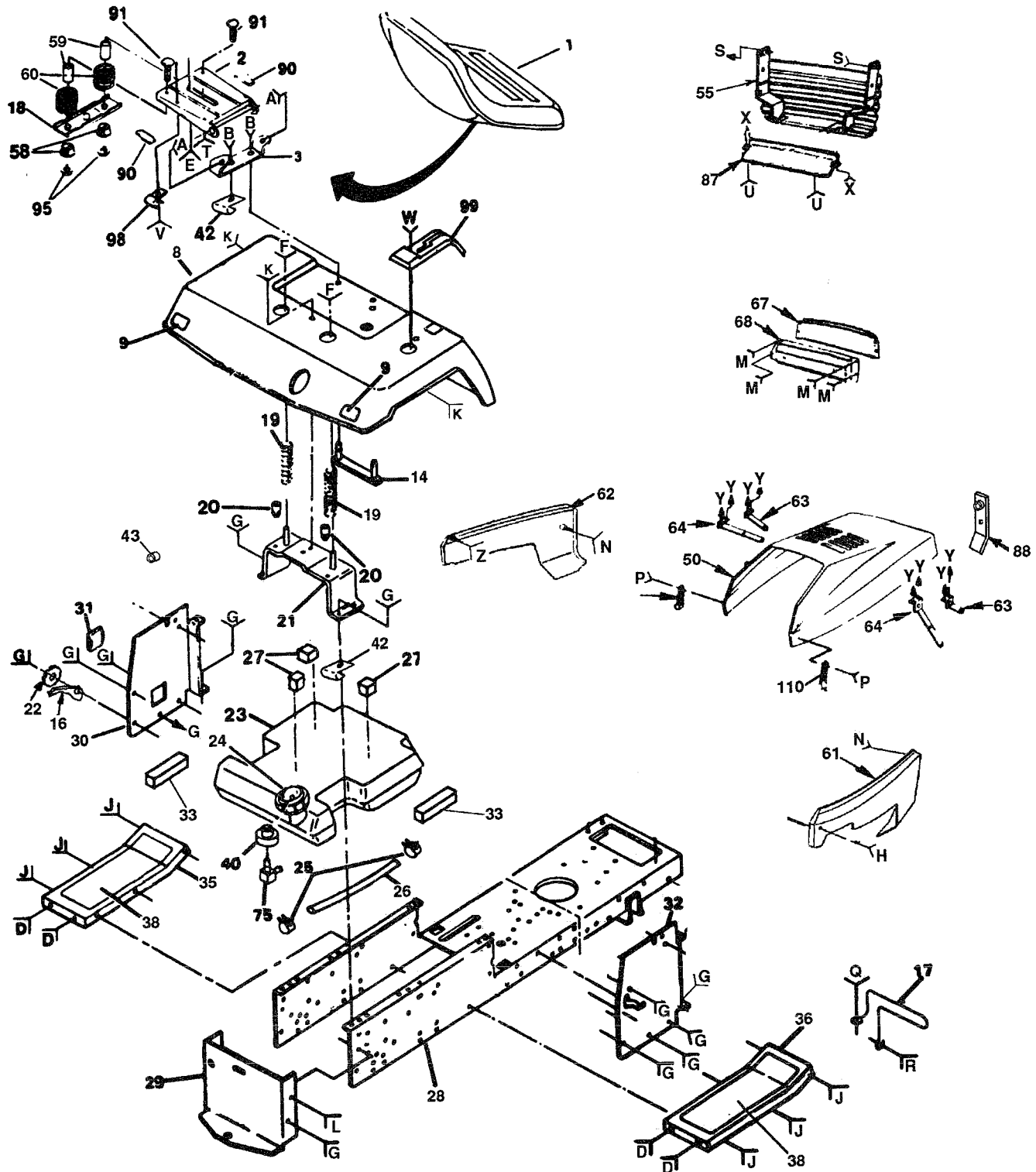
KEY NO.	PART NO.	DESCRIPTION
1	123198X	Wingnut 1/4-20
2	19091016	Washer 9/32 x 5/8 x 16 Ga.
3	102476X	Guard, Terminal
4	72240460	Bolt, Carriage 1/4-20 x 7-1/2
5	121537X	Battery
6	7603J	Tray, Battery
7	138803	Harness, Ignition
8	136850	Harness, Light Socket
9	4152J	Bulb, Light
10	7697J	Tube, Battery Tray
11	7192J	Cable Tie
12	11150400	Washer, Lock Internal Tooth 1/4
13	4206J	Cable, Battery (Battery to Solenoid)
14	4406R	Switch, Ignition
15	124211X	Nut, Ignition
16	122147X	Key, Molded
17	138406	Solenoid
18	110712X	Switch, Light
19	73680400	Nut, Hex 1/4-20
20	109748X	Relay
21	4799J	Cable, Battery (Solenoid to Starter)
22	131563	Cover, Terminal (For Solenoid)
23	4207J	Cable, Battery (Battery to Ground)
24	10090400	Washer, Lock, External Tooth 1/4
25	109596X	Clamp, Hose
26	10040400	Washer, Lock 1/4
27	126016X	Switch, PTO
28	74780408	Bolt, Hex 1/4-20 x 1/2 Gr. 5
29	73510400	Nut, Keps, Hex 1/4-20
30	74760412	Bolt, Hex 1/4-20 x 3/4
31	73220400	Nut, Hex 1/4-20
32	11050400	Washer, Lock, External Tooth 1/4
33	108824X	Fuse, 30 AMP
34	9433R	Ammeter
35	131708	Bracket, Ammeter
36	10101000	Washer, Lock #10
37	73911000	Nut
38	19070818	Washer 7/32 x 1/2 x 18 Ga.
39	102501X	Loop, Wire
40	235R	Clip, Insulated
41	4022J	Nut, Hex
42	104445X	Switch, Interlock, Clutch
43	121264X	Cap, Battery
44	73350400	Nut, Keps #10-32 UNF
45	123620X	Bezel, Ignition
46	121305X	Switch, Plunger
47	17021008	Screw, Hex, Tapping #10-24 UNC x 1/2 Type T
48	135665	Diode Assembly
49	19171216	Washer 17/32 x 3/4 x 16 Ga.
50	19121618	Washer 3/4 x 1" x 18 Ga.

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

REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

CHASSIS AND ENCLOSURES



A	B	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z
4	5	13	10	124	11	119	37	39	74	111	54	113	83	100	116	93	123	96	103	125	127	128
6	85	12	34	7	15	120	7	7	7	112	54	114	84	7	117	115	124	97	102	126		
						121													86			
						122																

REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

CHASSIS AND ENCLOSURES

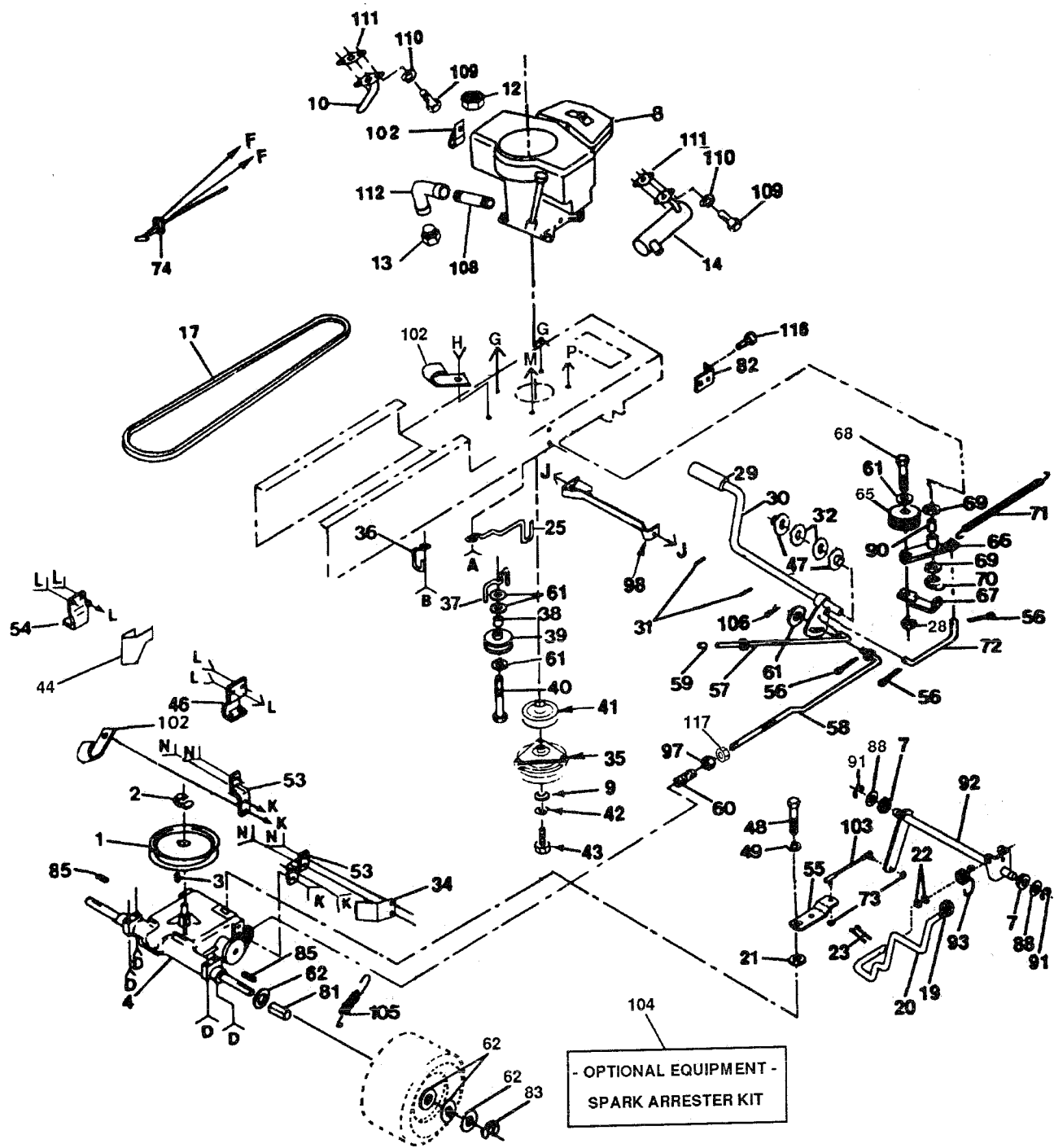
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	127440	Seat	60	123740X	Spring, Compression
2	131451	Pan, Seat	61	137655X418	Panel, Side, R.H.
3	126656X	Bracket, Pivot, Seat	62	132637X418	Panel, Side, L.H.
4	105529X	Bolt, Shoulder 5/16 - 18	63	104618X	Strap Asm, Hinge, Front
5	17490508	Screw Thdrol 5/16-18 x 1/2 TYT	64	106784X	Strap Asm, Hinge, Rear
6	73680500	Nut, Crownlock 5/16-18	67	106395X	Lens, Headlight, Bar
7	73680600	Nut, Crownlock 3/8-16	68	124392X417	Bezel, Headlight
8	123784X505	Fender	74	74760612	Bolt, Hex 3/8-16 x 3/4
9	106202X	Reflector, Rear	75	139227	Stem, Tank, Fuel
10	74780814	Bolt, Hex 1/2-13 x 7/8 Gr. 5	83	17490616	Screw 3/8-16 x 1" Thd Rolling
11	17490612	Screw, Hex Washer Thd. Roll 3/8-16 x 3/4	84	19131616	Washer 13/32 x 1 x 16 Ga.
12	19131312	Washer 13/32 x 13/16 x 12 Ga.	85	19131614	Washer 13/32 x 1 x 14 Ga.
13	74760612	Bolt, Hex 3/8-16 x 3/4	86	19060718	Washer 3/16 x 7/16 x 18 Ga.
14	105511X	Strap, Fender	87	105419X418	Strap, Grille
15	19171912	Washer 11/32 x 13/16 x 12 Ga.	88	132644	Bracket, Grille
16	123933X505	Pointer, Height Indicator	90	121251X	Strip, Foam
17	135029	Guard, Muffler	91	72050411	Bolt, Carr. 1/4-20 x 1-3/8
18	121246X	Bracket, Switch, Seat	93	127018X	Shoulder Bolt
19	124181X	Compression, Spring, R.H.	95	123976X	Nut, Hex Large Flange
20	105531X	Nut, Push	96	74641008	Screw, Std. Pan Head #10-24 x 1/4
21	137113	Bracket, Fender	97	73951000	Nut, Keps #10-24
22	120529X	Washer, Nylon	98	4171R	Clip, Insulated
23	127334X	Tank, Fuel	99	123825X	Console, Shifter
24	123549X	Cap, Fuel	100	72110608	Bolt, Carriage 3/8-16 UNC x 1
25	123487X	Clamp, Hose	102	10100800	Washer, Lock #8
26	8543R	Line, Fuel	103	74640806	Screw #8 x 3/8
27	106082X	Pad, Spacer	110	109808X	Latch, Chute
28	127166X	Chassis Assembly	111	17211010	Screw, Hex, Washer Hd. Tapping
29	123785X	Drawbar	112	104755X	"J" Fastener
30	138644	Panel, Dash, L.H.	113	74191008	Screw, Machine #10-24 x 1/2
31	121794X	Cover, Access	114	10071000	Washer, Lock
32	138643	Panel, Dash, R.H.	115	2029J	Nut, Weld #10-24
33	109227X	Pad Idler	116	123481X	Bolt, Shoulder 1/4-20
34	10040800	Lockwasher	117	73680400	Nut, Crownlock 1/4-20
35	105465X505	Footrest, L.H.	118	73220400	Nut, Fin, Hex 1/4-20
36	105464X505	Footrest, R.H.	119	74981020	Screw, Machine #10-24 x 1-1/4
37	72110606	Bolt, Carr. 3/8-16 x 3/4	120	7206J	Spacer, Split
38	133671	Pad, Footrest	121	19070818	Washer 7/32 x 1/2 x 18 Ga.
39	17490608	Screw Thd. 3/8-16 x 1/2	122	73731000	Nut, Keps #10-24
40	3645J	Bushing	123	17490512	Screw, Thrd. Rolling 5/16-18 x 3/4
42	2751R	Clip, Insulated	124	19131210	Washer 13/32 x 3/4 x 10 Ga.
43	110436X	Grommet, Split	125	17490412	Screw, Hex, Washer Hd, Thrd. Rolling
50	132635X505	Hood	126	19091016	Washer 9/32 x 5/8 x 16 Ga.
54	19091216	Washer 9/32 x 3/4 x 16 Ga.	127	73510400	Nut, Keps 1/4-20
55	131716	Grill	128	123198X	Nut, Plastic, Locking Wing 1/4-20
58	121248X	Bushing, Snap			
59	121249X	Spacer, Split			

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

REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

DRIVE



REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

DRIVE

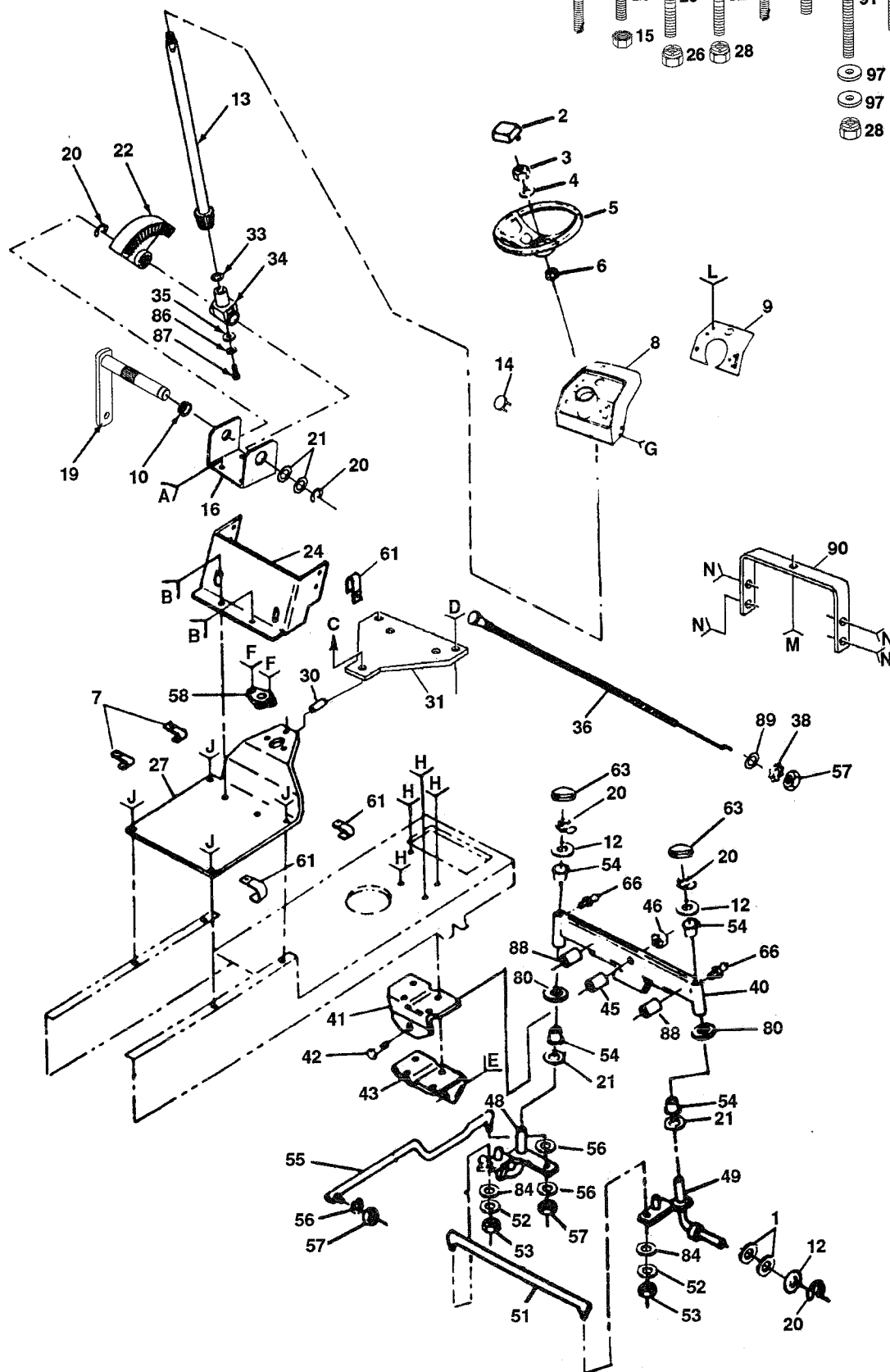
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	121327X	Pulley, Transaxle (Driven)	55	123794X	Shift Arm
2	12000004	Ring, Retainer	56	76020412	Pin, Cotter 1/8 x 3/4
3	2228M	Key, Woodruff #9	57	133261	Rod, Brake, Park
4	138788	Transaxle, Peerless Model No. 820-016B	58	123786X	Rod, Brake
5	72140506	Bolt, Carriage 5/16-18 x 3/4	59	71673	Cap, Plunger
6	19111012	Washer 11/32 x 5/8 x 12 Ga.	60	126909X	Spring, Rod, Brake
7	71208	Bushing, Rod, Steering	61	19131316	Washer 13/32 x 13/16 x 16 Ga.
8	-----	Engine (See Breakdown)	62	123800X	Washer 1-1/32 x 1-5/8 x 16 Ga.
9	126197X	Washer 15/32 x 1-3/4 x 1/4	65	127783	Pulley, Idler
10	100229L	Tube Assembly, Exhaust	66	123789X	Arm, Idler
11	17490628	Screw, Hex Wsh. Thdrol 3/8-16 x 1-3/8	67	123205X	Retainer, Belt
12	73510600	Nut, Keps 3/8-16	68	74760624	Bolt, Hex 3/8-16 x 1-1/2
13	-----	Plug, Oil Drain (Order from Engine Mfg.)	69	110812X	Washer, Hardened
14	108373X	Muffler	70	12000039	Ring, Clip
17	123796X	V-Belt, Drive	71	105709X	Spring, Return, Clutch
19	106933X	Knob	72	105710X	Link, Clutch
20	123781X	Rod, Shifter	73	73530400	Nut 1/4-28
21	105701X	Washer, Shift Plate	74	132747	Control, Throttle
22	19171216	Washer 17/32 x 3/4 x 16 Ga.	75	17720410	Screw, Hex, Thread Cutting 1/4-20 x 5/8
23	76020416	Pin, Cotter 1/8 x 1	81	108097X	Spacer, Split
24	17490612	Screw, Hex Washer Hd.Thd. Roll. 3/8-16 x 3/4	82	108236X	Bracket, Switch
25	129921	Keeper, Belt, Engine, LH	83	12000053	E-Ring
26	74760616	Bolt, Hex 3/8-16 x 1	85	9396E	Key Square 1/4 x 2
27	19131312	Washer 13/32 x 13/16 x 12 Ga.	87	17490624	Bolt, Hex, Washer, Thread Rolling 3/8-16 x 1-1/2
28	73680600	Nut, Crownlock 3/8-16	88	19212016	Washer 21/32 x 1-1/4 x 16 Ga.
29	8883R	Cover, Foot Pedal	89	74760612	Bolt Hex 3/8-16 x 3/4
30	122424X	Shaft, Foot Pedal	90	105706X	Bearing
31	1572H	Pin, Roll 3/16 x 1	91	12000008	Ring, Klip
32	19211616	Washer 21/32 x 1 x 16 Ga.	92	123772X	Shaft Assembly, Shifter
34	123792X	Keeper, Belt, Transaxle, R.H.	93	123782X	Spring, Torsion
35	137140	Clutch, Electric	94	11050600	Washer, Lock, Ext. Tooth 3/8
36	136715	Retainer, Belt	97	73800600	Locknut 3/8-16
37	109070X	Keeper, Belt	98	137141	Bracket Assembly, Clutch
38	4470J	Spacer	101	17490512	Screw, Hex, Washer, Thread Rolling 5/16-18 x 3/4
39	123674X	Idler, Flat	102	2751R	Clip, Fuel Line
40	74760644	Bolt, Hex 3/8-16 x 2-3/4	103	123793X	Rod, Tie
41	136906	Pulley, Engine	104	132922	Spark Arrester Kit
42	10040700	Washer, Lock 7/16	105	110422X	Spring, Brake Return
43	71170768	Bolt, Hex 7/16-20 x 4-1/4	106	4497H	Clip, Hair Pin
44	123791X	Keeper, Belt, Transaxle, L.H.	108	13280336	Nipple, Pipe
46	123776X	Bracket Transaxle, R.H.	109	74780412	Bolt, Hex 1/4-20 x 3/4
47	120183X	Bearing Nylon	110	10040400	Washer, Lock 1/4
48	71040412	Bolt, Hex 1/4-28 x 3/4	111	8545J	Gasket
49	19091216	Washer 9/32 x 3/4 x 16 Ga.	112	13200300	Elbow, Pipe STD 90°
51	73680500	Nut, Crownlock 5/16-18	116	17021008	Screw, Tap Hex Hd. #10-24 x 1/2
52	74760540	Bolt, Hex 5/16 -18 x 2-1/2	117	73350600	Nut, Hex Jam 3/8-16
53	123787X	Strap, Torque			
54	123780X	Bracket, Transaxle, L.H.			

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

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

Technical drawing of various screws and bolts, labeled A through N, with their respective dimensions in millimeters:

- A**: 18
- B**: 25, 15
- C**: 29, 26
- D**: 32, 28
- E**: 47
- F**: 59
- G**: 91, 97, 97, 28
- H**: 82
- J**: 11
- L**: 77, 78, 79
- M**: 94, 86, 95
- N**: 91, 28



REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

STEERING ASSEMBLY

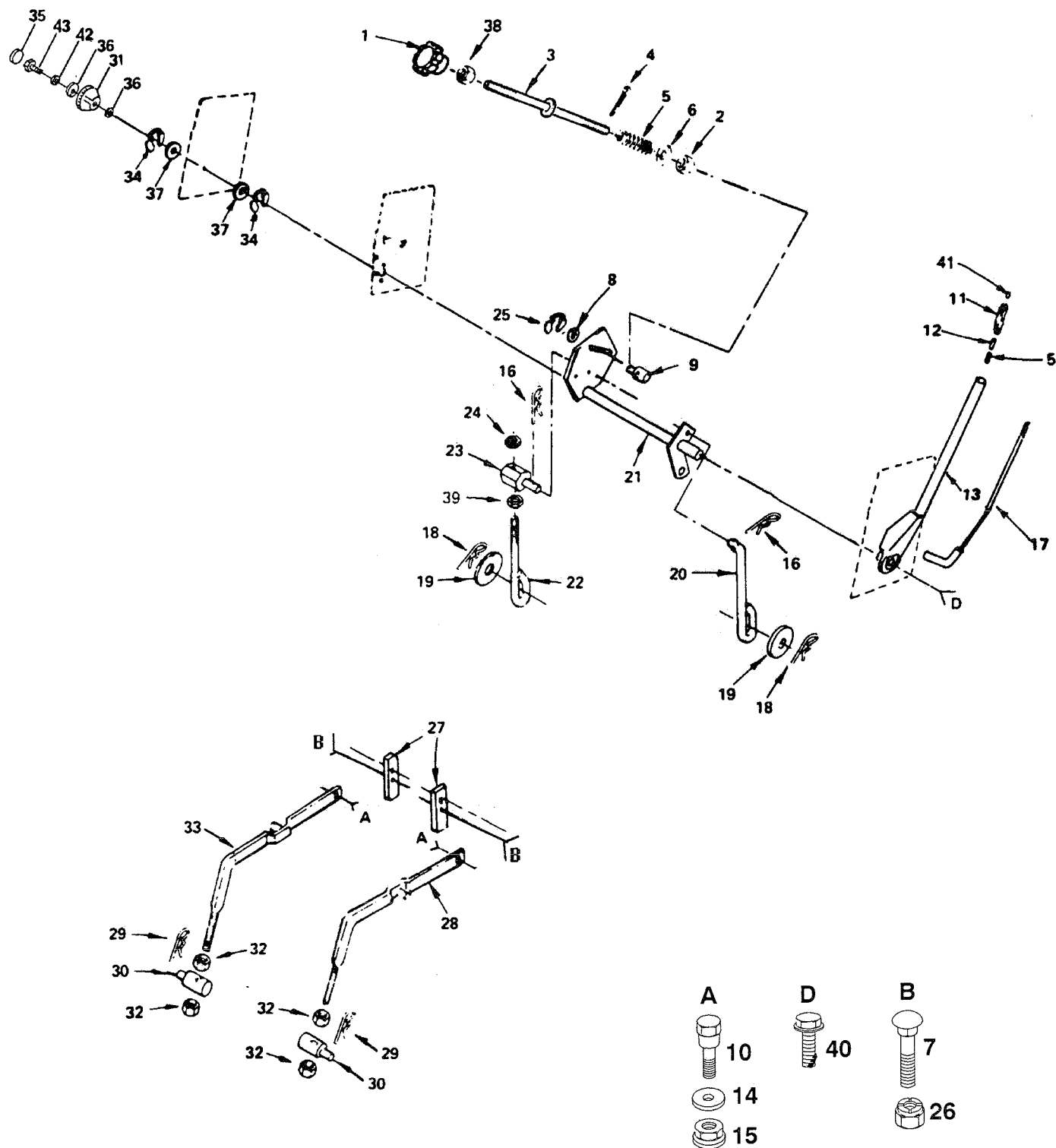
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	121749X	Washer, 25/32 x 1-1/4 x 16 Ga.	40	108075X	Axle, Front
2	133742	Insert, Steering Wheel	41	105663X	Support, Saddle, Rea
3	73940800	Nut, Hex Jam Top Lock 1/2-20 UNF	42	74761060	Bolt, Hex 5/8-11 x 3-3/4
4	100712K	Washer	43	105664X	Support, Saddle, Front
5	133741	Wheel, Steering	45	110438X	Spacer, Bearing, Front Axle
6	100711L	Adapter, Steering Wheel	46	73901000	Locknut, Hex w/wsh 5/8 - 11 UNC
7	126471X	Clip Insulator	47	17490508	Screw, Hex Washer Thd. Rolling 5/16-18 x 1/2
8	124252X	Dash	48	135227	Spindle, L.H.
9	121444X028	Dash Plate	49	135228	Spindle, R.H.
10	109816X	Nyliner, Snap-In	51	130467	Rod, Tie
11	17490608	Screw, Hex Washer Thd. Rolling 3/8-16 x 1/2	52	10040500	Washer, Lock 5/16
12	121748X	Washer 25/32 x 1-5/8 x 16 Ga.	53	73810500	Nut, Hex 5/16-24
13	128758	Shaft, Steering	54	3366R	Bearing
14	8022J	Plug Dash	55	130468	Link, Drag
15	73510500	Nut Keps 5/16-18 UNC	56	10040600	Washer, Lock 3/8
16	124036X	Bracket, Steering	57	73610600	Nut, Hex 3/8-24
18	17490612	Screw, Hex Washer Thd. Rolling 3/8-16 x 3/4	58	1554J	Bushing, Steering
19	127501	Shaft, Pitman	59	17431008	Screw, Hex #10-16 x 1/2
20	12000029	Klip Ring	61	2751R	Clip, Fuel Line
21	6266H	Bearing, Thrust	63	121232X	Spindle, Cap
22	136874	Gear, Sector	66	6855M	Grease Zerk
24	104783X	Dash, Lower	77	74180512	Screw, Pan Head 5/16-18 x 3/4
25	74180512	Screw, Crown Truss Hd. 5/16-18 x 3/4	78	19111116	Washer 13/32 x 11/16 x 16 Ga.
26	73680500	Nut, Crownlock 5/16-18	79	73510500	Nut, Keps 5/16-18
27	123783X016	Saddle	80	19272016	Washer 27/32 x 1-1/4 x 16 Ga.
28	73680600	Nut, Crownlock 3/8-16	82	122819X	Screw, Special 3/8-16 x 3/4
29	74760532	Bolt, Hex 5/16-18 x 2	84	19111216	Washer 11/32 x 3/4 x 16 Ga.
30	121236X	Spacer	86	10040400	Washer, Lock 1/4
31	137654	Support, Battery	87	71070410	Screw, Socket, Hex 1/4 x 20 x 5/8
32	74760612	Bolt, Hex 3/8-16 x 3/4	88	132624	Pin, Axle 5/8 x 1.55/1.54
33	57079	Washer	89	19131316	Washer 13/32 x 13/16 x 16 Ga.
34	124035X	Shaft, Support	90	124130X	Support, Dash
35	126684X	Washer 5/8 x 1/4 x 16 Ga.	91	74760612	Bolt, Fin, Hex 3/8-16 x 3/4
36	132781	Control, Choke	94	19091216	Washer 9/32 x 3/4 x 16 Ga.
38	11050600	Washer, Lock, Int./Ext. Tooth 3/8	95	73220400	Nut, Fin, Hex 1/4-20
			97	19131312	Washer 13/32 x 13/16 x 12 Ga

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

REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

LIFT ADJUSTMENT



REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

LIFT ADJUSTMENT

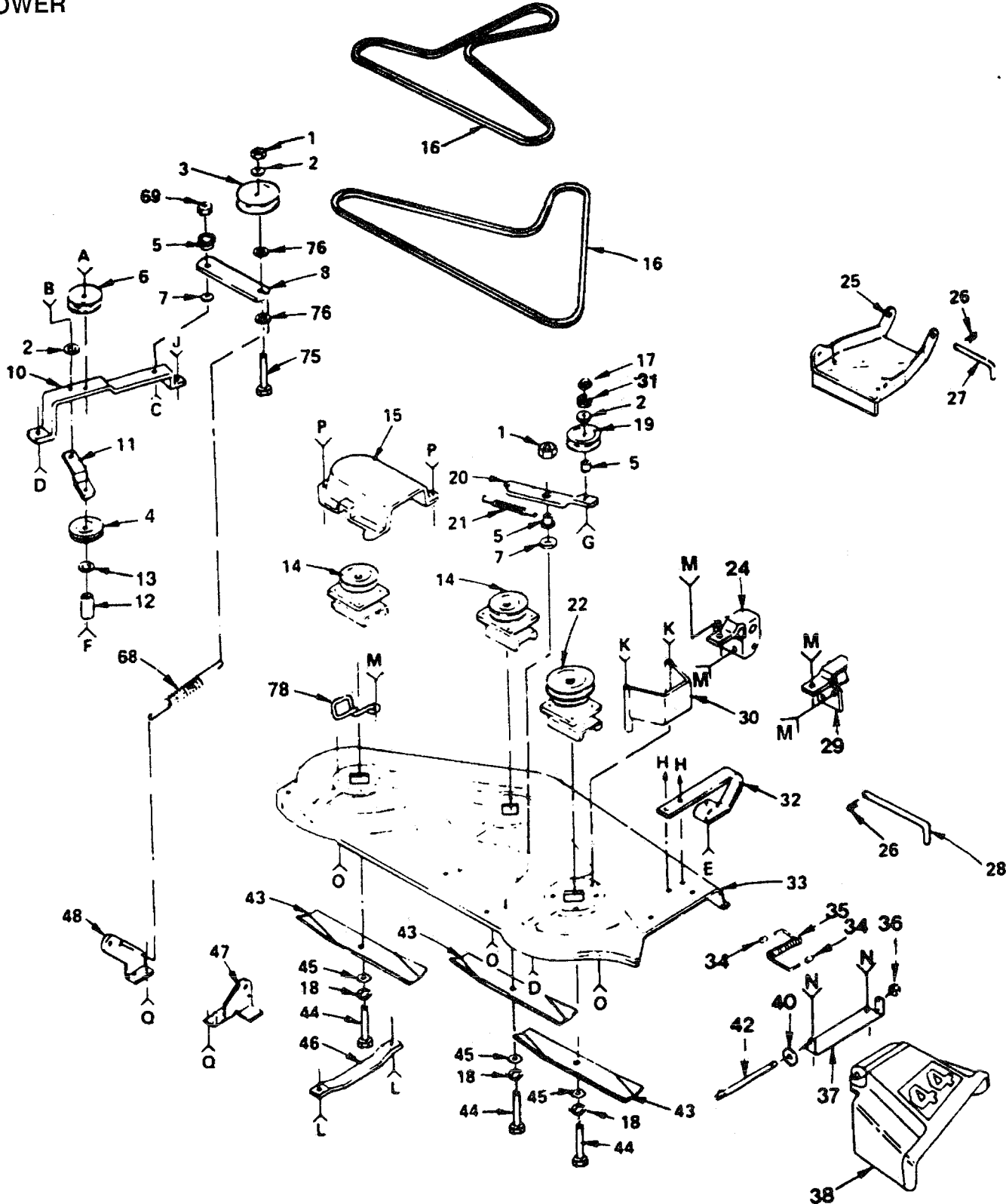
KEY NO.	PART NO.	DESCRIPTION
1	138057	Knob, Infinite Adjustment
2	110807X	Nut, Hex Special
3	110729X	Rod, Adjust, Lift
4	76020308	Pin, Cotter 3/32 x 1/2
5	2876H	Spring
6	19131016	Washer 13/32 x 5/8 x 16 Ga.
7	72140608	Bolt, Carriage 3/8-16 x 1
8	19151216	Washer 15/32 x 3/4 x 16 Ga.
9	110810X	Trunnion
10	105848X	Bolt, Shoulder 3/8 - 16
11	109413X	Grip, Handle
12	122364X	Plunger, Lever
13	121002X	Lever, Lift (Includes Key No. 17)
14	110739X	Washer, Spring
15	73980600	Nut, Flangelock 3/8 - 16
16	4939M	Retainer, Spring
17	121006X	Rod, Lever
18	4921H	Retainer, Spring
19	19171516	Washer 17/32 x 15/16 x 16 Ga.
20	110029X	Link, Lift
21	131926	Shaft, Lift
22	110448X	Link, Lift, Adjust
23	110447X	Trunnion, Lift
24	73710700	Nut, Crownlock 7/16-20 UNF
25	12000037	Klip Ring
26	73680600	Nut, Crownlock 3/8-16
27	121252X	Upstop Mower
28	121598X	Arm, Suspension, R.H.
29	9135R	Retainer Spring
30	106308X	Trunnion, Lift, Lower
31	123934X	Scale, Height Indicator
32	73220800	Nut, Hex Fin. 1/2-13
33	121599X	Arm, Suspension, L.H.
34	12000022	E-Ring
35	123935X	Plug, Hole
36	19112410	Washer 11/32 x 1-1/2 x 10 Ga.
37	19292016	Washer 29/32 x 1-1/4 x 16 Ga.
38	73350600	Nut, Hex Jam 3/8-16
39	73360700	Nut, Hex Jam 7/16-20
40	74780624	Bolt, Hex 3/8-16 x 1-1/2
41	124526X	Button, Plunger
42	10040500	Washer, Lock, Hvy Helical Spring 5/16-18 x 1
43	74780516	Bolt, Hex 5/16-18 x 1

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

REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

MOWER



- | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| A | B | C | D | E | F | G | H | J | K | L | M | N | O | P | Q |
| 51 | 52 | 53 | 54 | 55 | 58 | 59 | 55 | 23 | 62 | 79 | 55 | 55 | 66 | 70 | 67 |
| 77 | 1 | | | 56 | | | 72 | 1 | 61 | 57 | 61 | 57 | | 56 | 1 |
| 2 | | | | 72 | 1 | | | | 61 | | 57 | | | 57 | |
| 1 | | | | | | | | | 57 | | | | | | |

REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

MOWER

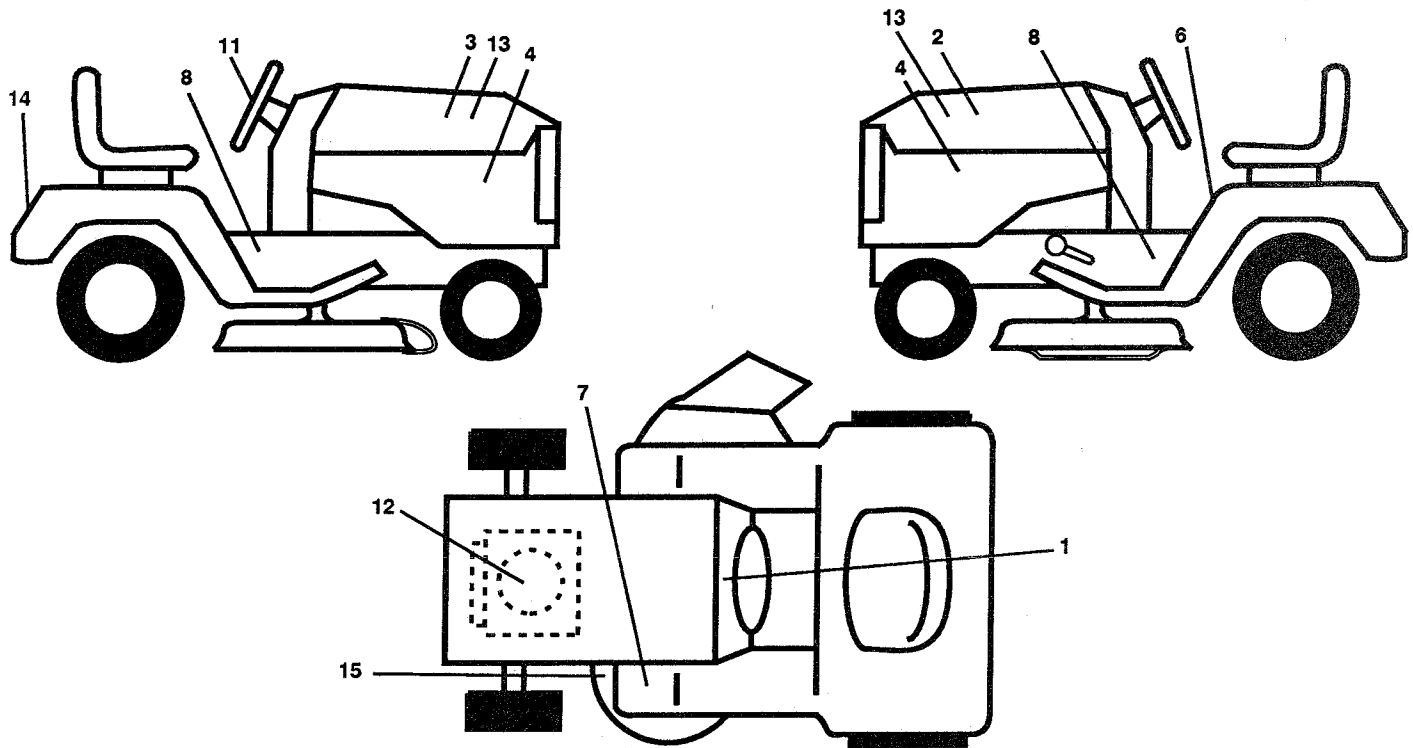
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	73680600	Nut, Crownlock 3/8-16	40	19111016	Washer 11/32 x 5/8 x 16 Ga.
2	19131614	Washer 13/32 x 1 x 14 Ga.	42	106735X	Rod Hinge
3	121316X	Pulley Idler	43	106635X	Blade
4	102403X	Pulley, Idler	44	74610624	Bolt, Hex 3/8-24 x 1- 1/2 Gr. 5
5	106902X	Spacer	45	19132012	Washer 13/32 x 1-1/4 x 12 Ga.
6	677A451	Pulley Idler	46	7631J	Runner, L.H.
7	106513X	Washer - Wear	47	123807X	Bracket Suspension, Rear, R.H.
8	121425X	Arm, Idler	48	123808X	Bracket, Suspension, Rear, L.H.
10	106523X	Bar Support, Idler	51	72140614	Bolt, Carriage 3/8-16 x 1-3/4
11	106522X	Brace, Idler, Deck	52	72140608	Bolt, Carriage 3/8-16 x 1
12	121236X	Spacer	53	72140612	Bolt, Carriage 3/8 16 x 1-1/2
13	19131316	Washer, 13/32 X 13/16 X 16 Ga.	54	74760620	Bolt, Hex 3/8-16 x 1-1/4
14	136818	Mandrel, Secondary	55	72140506	Bolt, Carriage 5/16- 18 x 3/4
15	106214X	Guard	56	19111116	Washer 11/32 x 11/16x 16 Ga.
16	106085X	V Belt	57	73680500	Nut, Crownlock 5/16-18
17	73220600	Nut, Hex 3/8-16	58	74760648	Bolt, Hex 3/8-16 x 3
18	10030600	Washer, Lock 3/8	59	74110632	Screw, Flat Head 3/8-16 x 2
19	102932X	Idler, Flat	61	19111216	Washer 11/32 x 3/4x 16 Ga.
20	106526X	Arm, Idler, Deck	62	74760580	Bolt, Hex 5/16-18 x 5
21	7644J	Spring, Extension	66	17490612	Screw, Hex Washer Thread Rolling 3/8 16 x 3/4
22	121704X	Mandrel, Primary	67	72140606	Bolt, Carriage 3/8 - 16 x 3/4
23	74760616	Bolt, Hex 3/8-16 x 1	68	102727X	Spring, Extension
24	106511X	Bracket Lift L.H.	69	73930600	Nut, Centerlock 3/8 -16
25	129762	Link Parallel	70	72110506	Bolt, Carriage 5/16-18 x 3/4
26	4921H	Retainer, Spring	72	1685H	Nut, Crownlock 5/16-18
27	105744X	Pin, Front Hinge	75	72140620	Bolt, Carriage 3/8-16 X 2 1/2
28	109835X	Pin, Rear Hinge	76	19131210	Washer 13/32 x 3/4 x 10 Ga.
29	106512X	Bracket Lift, R.H.	77	19131410	Washer, 13/32 X 7/8 X 10 Ga.
30	108119X	Guard Belt, R.H.	78	121352X	Keeper, L.H. Mandrel
31	10040600	Washer, Lock Hvy. Hel. Spring	79	72110505	Bolt, Carriage 5/16 - 18 X 5/8
32	136321	Runner, R. H.	—	121826X	Mower Deck, Complete
33	121423X	Housing, Mower			
34	105304X	Cap Sleeve			
35	123713X	Spring			
36	110452X	Nut, Push			
37	137607	Bracket, Deflector			
38	109785X	Guard, Discharge			

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

REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

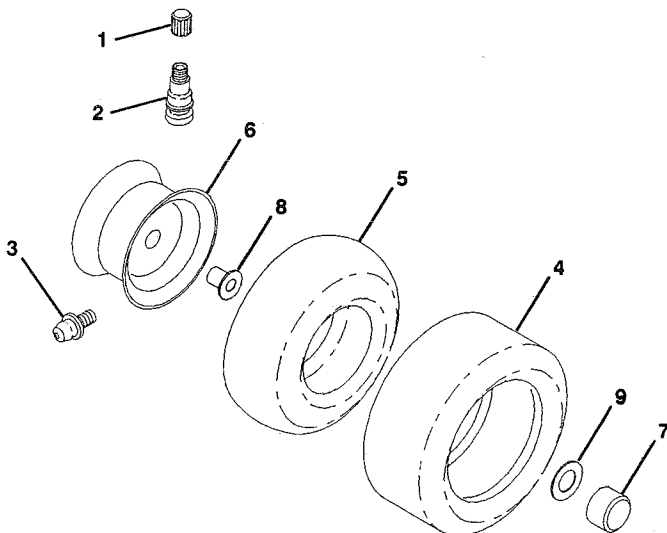
DECALS



KEY NO.	PART NO.	DESCRIPTION
1	138955	Decal Operating Instruction
2	133869	Decal Hood Lh
3	133868	Decal Hood Rh
4	134275	Decal Panel Side
6	133796	Decal Caution English
7	4900J	Decal Clutch/brake English
8	134217	Decal Chassis

KEY NO.	PART NO.	DESCRIPTION
11	133870	Decal Steering Wheel Insert
12	135426	Decal Engine HP
13	133780	Nameplate Hood Wizard
14	127520	Decal USA White
15	136834	Decal V-Belt Sch.
--	138311	Decal Handle Lift (Lift Handle)
--	139855	Manual Owners Ayp8186b39 Eng

WHEELS AND TIRES



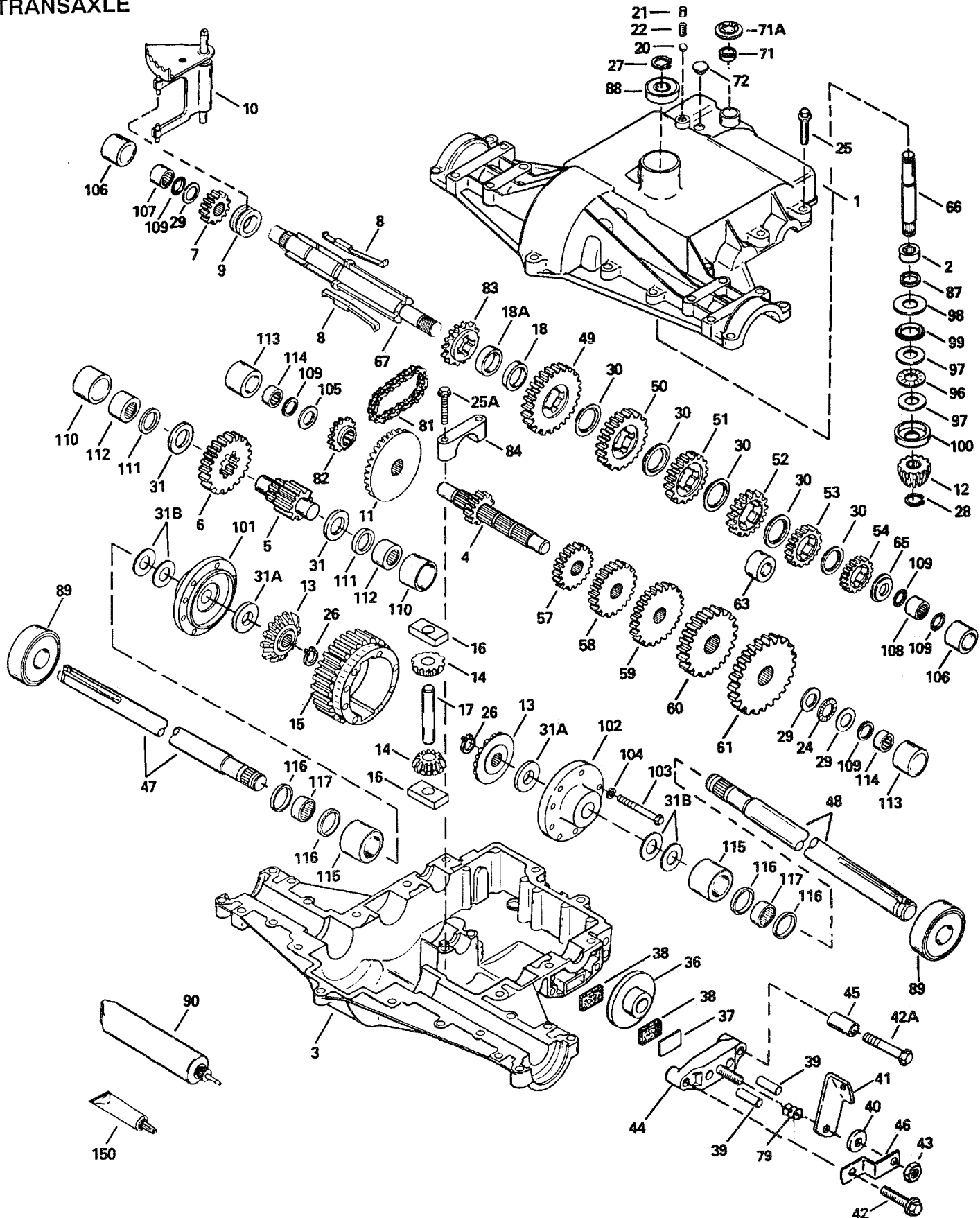
KEY NO.	PART NO.	DESCRIPTION
1	59192	Cap Valve Tire (Front & Rear)
2	65139	Stem Valve (Front & Rear)
3	278H	Fitting Grease (Front Wheel Only)
4	106222X	Tire F Ts 15 X 6.0 - 6 Service
4	124106X	Tire R Ts
5	59904	Tube Front (Service Item Only)
5	7154J	Tube Rear (Service Item Only)
6	106732X311	Rim Asm 6" front White Service
6	124074X311	Rim Asm rear
7	104757X	Cap Axle Blk 1.50 X 1.00
8	9040H	Bearing Flange (Front Wheel Only)
9	121748X	Washer

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

REPAIR PARTS

18 HP 44" TRACTOR -- MODEL NUMBER AYP8186B39
PEERLESS TRANSAXLE -- MODEL NUMBER 820-016B

TRANSAXLE



REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

PEERLESS TRANSAXLE - - MODEL NUMER 820-016B

TRANSAXLE

REF PART NO. NO.	DESCRIPTION	REF PART NO. NO.	DESCRIPTION
-- 794513	Transaxle, Complete	53 778203A	Spur Gear, Steel, 22 Teeth
1 772098A	Transaxle Cover	54 778273	Spur Gear, Steel, 19 Teeth
2 780155	Needle Bearing	57 778136	Spur Gear, Steel, 15 Teeth
3 770088	Transaxle Case	58 778200	Spur Gear, Steel, 20 Teeth
4 776291	Countershaft and Gear, 9 Teeth	59 778201	Spur Gear, Steel, 25 Teeth
5 776275	Output Shaft	60 778202	Spur Gear, Steel, 28 Teeth
6 778247	Output Gear, Steel, 35 Teeth	61 778208	Spur Gear, Steel, 31 Teeth
7 778253	Spur Gear, Steel, 15 Teeth	65 780139	Washer
8 792138	Shift Key	66 776274	Input Shaft
9 784216	Shift Collar	67 776313	Shifter and Brake Shaft
10 784342	Shift Fork	71 788069	Square Cut Ring
11 778246	Bevel Gear, Steel, 33 Teeth	71A 792145	Pushnut
12 778245	Input Bevel Pinion, Steel, 13 Teeth	72 792074	Threaded Plug 9/16-18
13 778198	Bevel Gear, Steel, 16 Teeth	79 792144	Spring
14 778197	Bevel Pinion, Steel, 10 Teeth	81 786081	Roller Chain (Number 41 Chain, 24 Links)
15 778248	Ring Gear	82 786082	Sprocket, 9 Teeth
16 786027	Drive Block	83 786123	Reverse Sprocket, 18 Teeth
17 786019	Drive Pin	84 786131	Bearing Cap
18 786121	Neutral Spacer, .350/.340 Thick	87 788042	Oil Seal 3/4
18A 786122	Neutral Spacer, .276/.268 Thick	88 780119	Ball Bearing
20 792077	Steel Ball, 5/16" Diameter	89 780050	Ball Bearing
21 792078	Set Screw, 3/8-16 x 3/8"	90 788067B	Grease, Bentonite, 32 Ounce Bottle
22 792079	Spring	96 780084	Thrust Bearing
24 780071	Thrust Bearing	97 780051	Washer
25 792129	Screw 5/16-18 x 1-1/4"	98 780165	Washer
25A 792073	Screw 1/4-20 x 1-1/4"	99 788077	"O" Ring
26 792018	Retaining Ring	100 780166	Cupped Washer
27 792018	Retaining Ring	101 774833	Differential Carrier
28 788040	Retaining Ring	102 774834	Differential Carrier
29 780072	Washer	103 792020	Screw 1/4-20 x 2-1/4
30 780108	Washer	104 792006	Lock Washer
31 780128	Washer	105 780153	Washer
31A 780107	Washer	106 786144	Sleeve
31B 780042	Washer	107 780152	Needle Bearing
36 790043	Brake Disk	108 780150	Needle Bearing
37 790007	Brake Pad Plate	109 792001	"O" Ring
38 799021	Brake Pad (Package of 2)	110 786142	Sleeve
39 786026	Dowel Pin	111 788071	Square Cut Ring
40 792076A	Washer	112 780168	Needle Bearing
41 790047	Brake Lever	113 786143	Sleeve
42 792073	Screw 1/4-20 x 1-1/4	114 780151	Needle Bearing
42A 792085A	Screw 1/4-20 x 2-1/4	115 786145	Sleeve
43 792075	Locknut 5/16-24	116 788070	Square Cut Ring
44 790025	Brake Pad Holder	117 780031	Needle Bearing
45 786067	Spacer	150 510334	Gasket Eliminator (Loctite Number 515)
46 786086	Brake Lever Bracket		
47 774832	Axle, 12-5/16" Long		
48 774831	Axle, 16-3/16" Long		
49 778216A	Spur Gear, Steel, 41 Teeth		
50 778206A	Spur Gear, Steel, 35 Teeth		
51 778205A	Spur Gear, Steel, 30 Teeth		
52 778204A	Spur Gear, Steel, 25 Teeth		

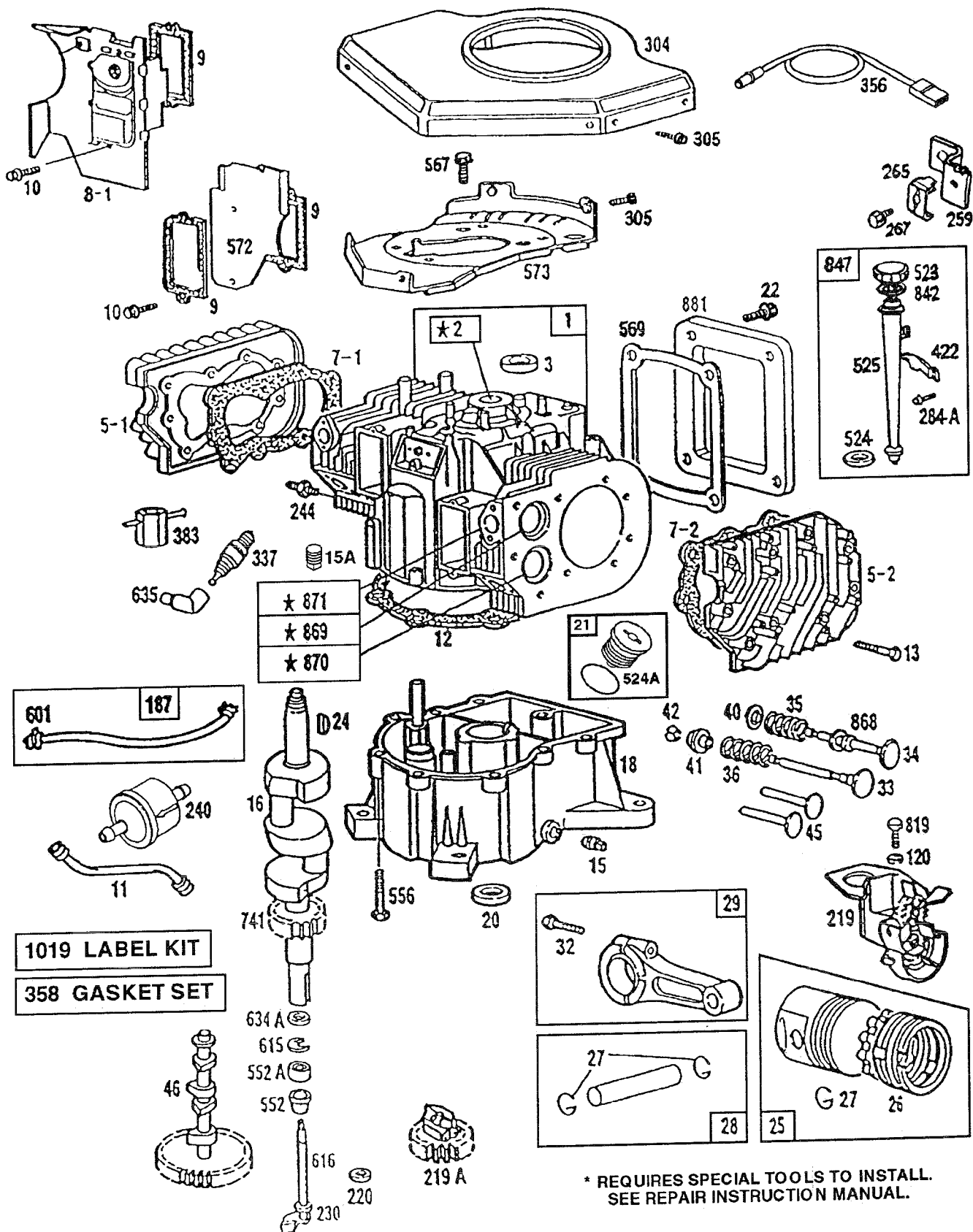
Parts must be ordered from Tecumseh Products Co.

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

REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

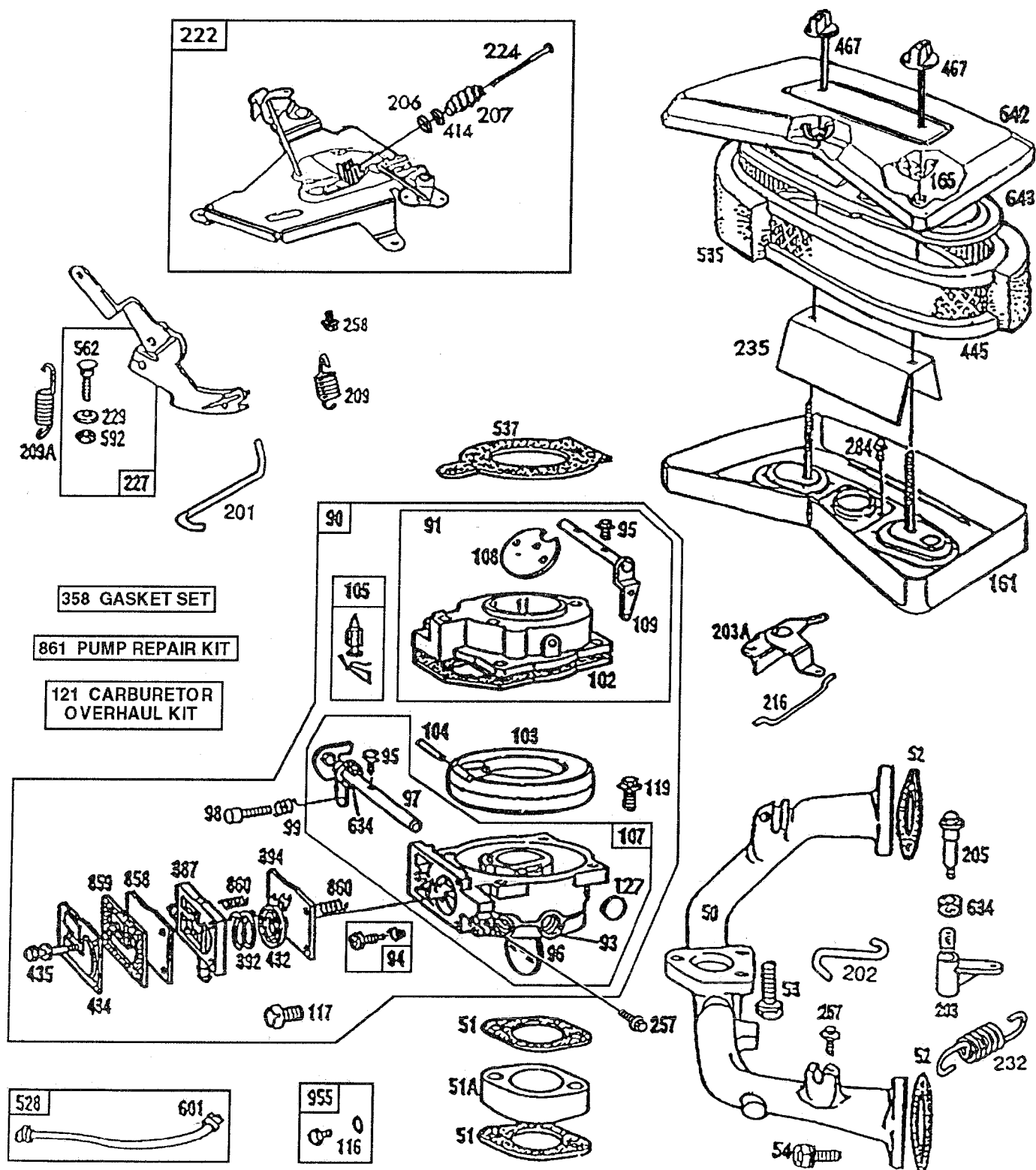
ENGINE BRIGGS & STRATTON - - MODEL NUMBER 422707, TYPE 1253-01



REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

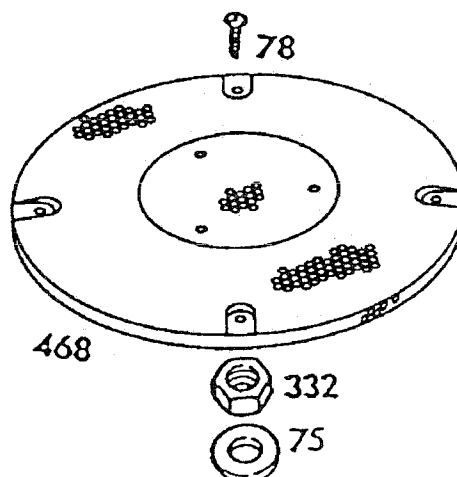
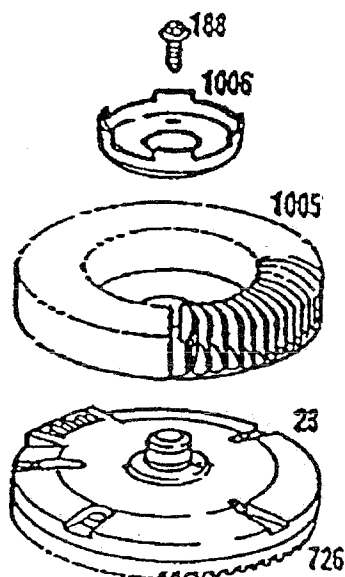
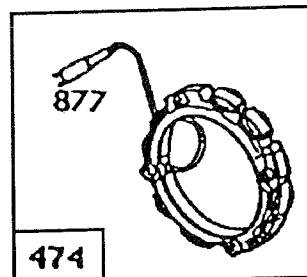
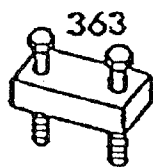
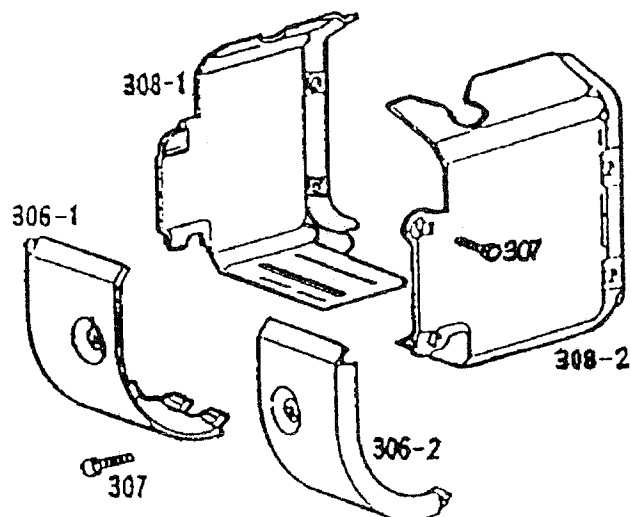
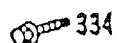
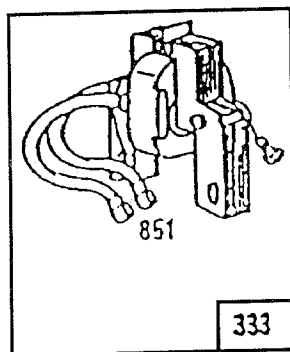
ENGINE BRIGGS & STRATTON - - MODEL NUMBER 422707, TYPE 1253-01



REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

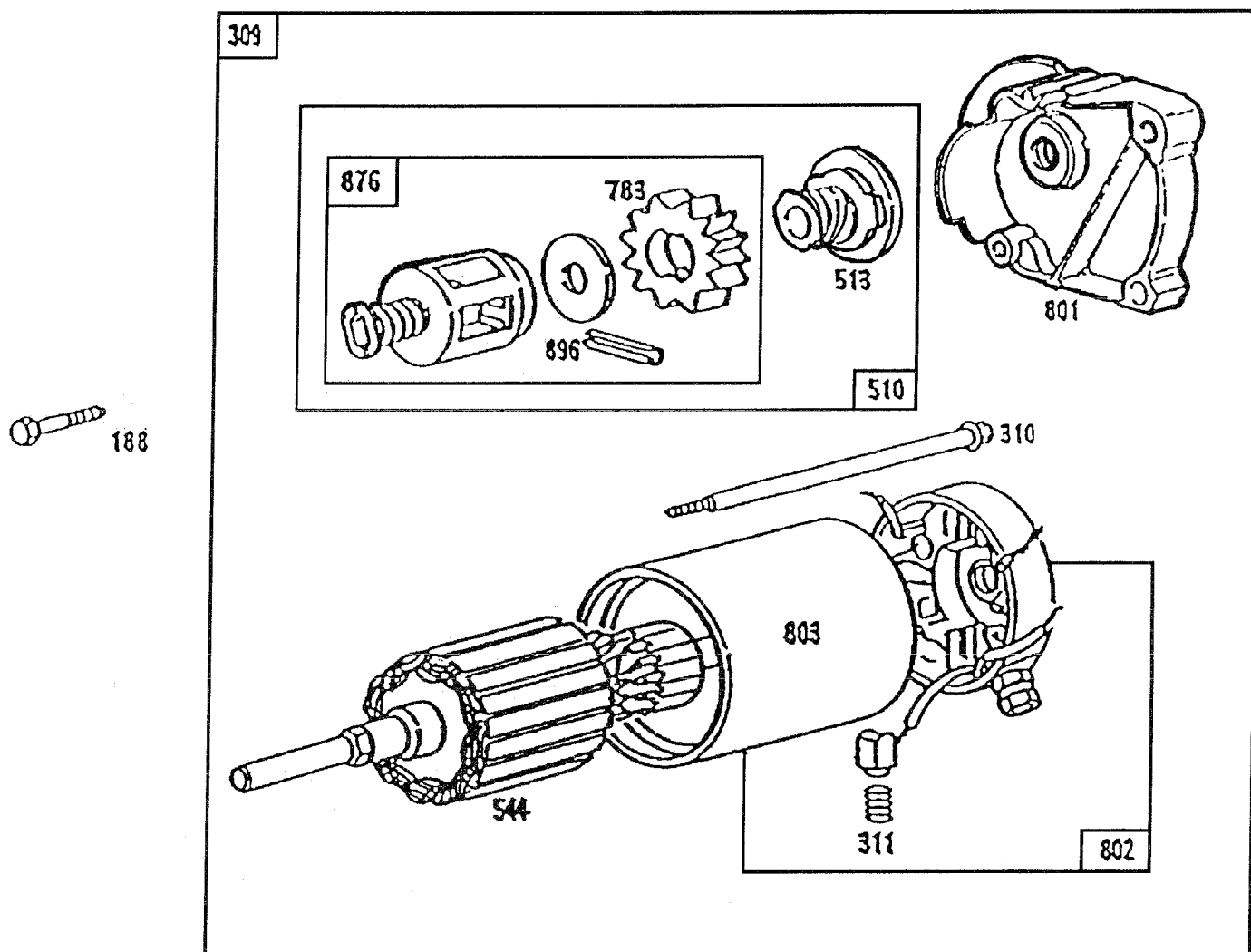
ENGINE BRIGGS & STRATTON - - MODEL NUMBER 422707, TYPE 1253-01



REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

ENGINE BRIGGS & STRATTON - - MODEL NUMBER 422707, TYPE 1253-01



Reference Number		309	310	311	544	801	802	803
Manufacturer		Motor and Drive Ass'y.	Thru Bolt Assembly	Brush Assembly	Armature Assembly	Drive End Cap Assembly	End Cap Ass'y. Commutator	Housing Assembly
Briggs & Stratton	Housing Length							
12V	3-5/8"	394808	94003	395538	390837	394860	395537*	398159

*Includes Brush Set

Reference Number	510	513	783	876	896
Starter Motor Mfr.	Starter Drive Group	Clutch Assembly	Gear	Pinion Spring Kit	Roll Pin
Briggs & Stratton					
12V	490421	398003	280104	490467	94288(Copper)

REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

ENGINE BRIGGS & STRATTON - - MODEL NUMBER 422707, TYPE 1253-01

KEY PART NO. NO.	DESCRIPTION
1 494533	Cylinder Assembly
2 399265	Bearing, Cylinder
3 391086	Seal, Oil
5-1 493457	Head, Cylinder Number 1
5-2 493458	Head, Cylinder Number 2
7-1 271867	* Gasket, Cylinder Head Number 1
7-2 271868	* Gasket, Cylinder Head Number 2
8-1 398065	Breather Assembly Number 1
8-2 222892	Cover, Breather, Cylinder Number 2 (Use with Key Number 572, Air Baffle with Mounting Holes)
9 27803	* Gasket, Valve Cover
10 94382	Screw, Sems
11 280225	Tube, Breather
12 271703	* Gasket, Crankcase Cover 1/64"
271188	* Gasket, Crankcase Cover .005"
271189	* Gasket, Crankcase Cover .009"
13 94565	Screw, Cylinder Head
15 94239	Plug, Oil Drain
15A 94497	Plug, Pipe
16 394028	Crankshaft
94196	Key, Timing Gear
18 493304	Base Assembly, Crankcase
20 291675	Seal, Oil
21 399195	Seal Assembly, Cylinder Plug
22 94724	Screw, Sems, Crankcase Cover Mounting
23 491180	Flywheel and Ring Gear Assembly, Magneto
24 222698	Key, Flywheel
25 394955	Piston Assembly, Standard Size
394956	Piston Assembly .010" Oversize
394957	Piston Assembly .020" Oversize
394958	Piston Assembly .030" Oversize
26 394959	Ring Set, Piston, Standard Size
394960	Ring Set, Piston .010" Oversize
394961	Ring Set, Piston .020" Oversize
394962	Ring Set, Piston .030" Oversize
27 260924	Lock, Piston Pin
28 299691	Pin Assembly, Piston, Standard
391286	Pin Assy., Piston .005" Oversize
29 394306	Rod Assembly, Connecting
397158	Rod Assembly, Connecting, .020" Undersize Crankpin Bore
32 94671	Screw, Connecting Rod
33 390420	Valve, Exhaust
34 261528	Valve, Intake Uses: 393606 Seal Assembly and Retainer (Key Number 868)
35 65906	Spring, Intake Valve
36 26828	Spring, Exhaust Valve
40 221596	Retainer, Intake Valve
41 292260	Rotocoil, Exhaust Valve
42 93630	Retainer, Exhaust Valve Rotocoil(2)
45 261368	Tappet, Valve

KEY PART NO. NO.	DESCRIPTION
46 213520	Gear, Cam
50 213290	Manifold, Intake
51 271412	*** Gasket, Carburetor & Intake Elbow
51A 280319	Spacer, Carburetor
52 270884	* Gasket, Intake Manifold Mounting
53 93970	Screw, Sems, Carburetor Mounting
54 93208	Screw, Sems, Intake Manifold Mnt.
75 222511	Washer, Spring
78 94326	Screw, Sems
81 223016	Lock, Muffler Screw
90 495181	Carburetor Assembly
91 495035	Body Assembly, Upper Carburetor
93 231209	Bushing, Throttle Shaft
94 491538	** Valve Assembly, Carburetor Idle
95 93499	Screw, Sems, Throttle and Choke Valve Mounting
96 221939	Valve, Throttle
97 392672	Shaft and Lever, Throttle
98 91920	Screw, Machine, Fillister Head
99 26157	Spring, Throttle Adjustment
102 271607	** Gasket, Carburetor Body
103 298514	Float, Carburetor
104 230896	** Pin, Float Hinge
105 394683	** Valve, Fuel Inlet
107 491543	Body, Lower Carburetor
108 223534	Valve, Choke
109 392673	Shaft and Lever, Choke
116 280474	* O-Ring
117 231338	Jet, Needle Valve
119 94152	Screw, Sems, Hex Head
120 92290	Washer, Lock
121 491539	Carburetor Overhaul Kit
127 223472	Plug, Welch
161 398826	Body, Air Cleaner
165 94289	Nut, Wing
187 299146	Line, Fuel, 28" (Cut to Suit)
188 93535	Screw, Hex Head
201 262683	Link, Governor
202 262684	Link, Throttle
203 280997	Crank, Bell
203A 490207	Crank, Bell
205 93971	Screw, Shoulder
206 94298	Nut, Square
207 262337	Spring, Compression
209 262351	Spring, Governor
209A 261563	Spring, Governor Idle
216 262375	Link
*	Included in Gasket Set (495868)
**	Included in Carburetor Overhaul Kit (491539)
***	Included in both Gasket Set (495868), and Carburetor Overhaul Kit (491539)

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

REPAIR PARTS

18 HP 44" TRACTOR - - MODEL NUMBER AYP8186B39

ENGINE BRIGGS & STRATTON - - MODEL NUMBER 422707, TYPE 1253-01

KEY PART NO. NO.	DESCRIPTION	KEY PART NO. NO.	DESCRIPTION
219 393415	Oil Slinger Assembly	528 393815	Impulse Line and Clamp Assembly
219A 394348	Gear, Governor	535 271271	Element, Air Cleaner
220 222773	Washer, Thrust	537 271411	*** Gasket, Air Cleaner
222 491282	Plate Assembly, Governor Control	552 262332	Lower Bushing, Governor
224 94297	Screw, Pan Head	552A 262331	Upper Bushing, Governor
227 491297	Lever Assembly, Governor	556 93585	Screw, Sems, Hex Head
229 62199	Washer	562 93853	Bolt, Governor Lever
230 223882	Washer, Governor Crank, Inside	567 93777	Screw, Hex Head, Back Plate to Cylinder
232 262539	Spring, Governor Control	569 272645	* Gasket, Crankcase
235 224039	Shield, Spitback	572 224580	Baffle, Air, Cylinder Number 2
240 493629	Filter, Fuel (In Fuel Line to Tank)	573 491304	Back Plate Assembly
244 230318	Connector, Impulse Pump	592 92278	Nut, Hex
257 93897	Screw, Sems	601 93053	Clamp, Fuel Line
258 93949	Screw, Sems	615 94296	Retainer, E-Ring
259 223890	Bracket, Cable	616 491530	Crank, Governor
265 221535	Clamp, Casing	634 271013	** Washer, Throtte Shaft
267 93496	Screw, Hex Head	634A 491287	Seal, Governor Shaft
284 94264	Screw, Hex Head	635 66538	Elbow, Spark Plug
284A 93469	Screw, Hex Head	642 223579	Cover, Air Cleaner
304 492656	Housing, Blower	643 223714	Cartridge Plate, Air Cleaner
305 94608	Screw, Sems 1/2	726 391362	Gear, Flywheel Ring (Includes Mounting Parts)
94513	Screw, Sems 3/4	741 262694	Gear, Timing
306-1 222846	Shield, Cylinder	819 94675	Screw, Hex Head
306-2 223734	Shield, Cylinder	842 271170	Seal, Oil Filler Cap
307 94386	Screw, Sems	847 394394	Dipstick and Tube Assembly
308-1 222848	Cover, Air Guide	851 221798	Terminal, Ignition Cable
308-2 222849	Cover, Air Guide	858 270989	**** Diaphragm, Damping
309 - - -	Motor, Starting (See Chart on Illustrated Pages for Part Numbers)	859 271025	**** Gasket, Carburetor Pump
319 394988	Armature Assembly	860 261358	**** Spring (2)
332 230674	Nut, Hex	861 393397	Repair Kit, Pump
333 394891	Armature Group, MAGNETRON® Ignition	868 393606	Seal Assembly and Retainer
334 93381	Screw, Sems, Armature Mounting	869 261463	Seat, Intake Valve, Standard
337 802592	Plug, Spark, Resistor (with Gasket)	870 213316	Seat, Exhaust Valve, Standard
356 494705	Wire, Ground	871 261961	Guide, Exhaust Valve
358 495868	Gasket Set	231218	Guide, Intake Valve (See Manual)
363 19203	Puller, Flywheel (Optional Accy.)	877 393537	Connector Assembly, Tri-Circuit
383 89838	Wrench, Spark Plug	881 212455	Cover Plate, Crankcase
387 280197	Body, Pump	955 397882	Plug and Seal, Solenoid
392 261395	**** Spring, Pump	1005 280815	Fan, Flywheel
394 270988	**** Diaphragm	1006 224413	Retainer, Fan
414 223882	Washer	1019 491262	Decal Kit
422 222875	Clamp, Oil Filler		
432 221377	**** Cap, Spring		
434 223688	Cover, Diaphragm		
435 93829	Screw, Diaphragm Cover		
445 394019	Cartridge, Air Cleaner		
467 493903	Knob, Air Cleaner		
468 224521	Screen, Flush Rotating		
474 392595	Stator, Alternator, Tri-Circuit		
482 93621	Screw, Sems		
523 494927	Cap and Dipstick, Oil Filler		
524 271157	Seal, Filler Tube		
524A 271485	Seal, Tube		
525 495348	Tube, Oil Filler		

RPM Settings: Low: 1200 - 1600
High: 3500 - 3700

- * Included in Gasket Set (495868)
- ** Included in Carburetor Overhaul Kit (491539)
- *** Included in both Gasket Set (495868), and
Carburetor Overhaul Kit (491539)
- **** Included in both Carburetor Overhaul Kit (491539),
and Pump Repair Kit (393397)

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