

REPAIR PARTS

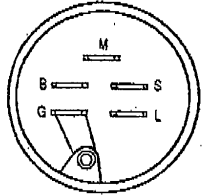
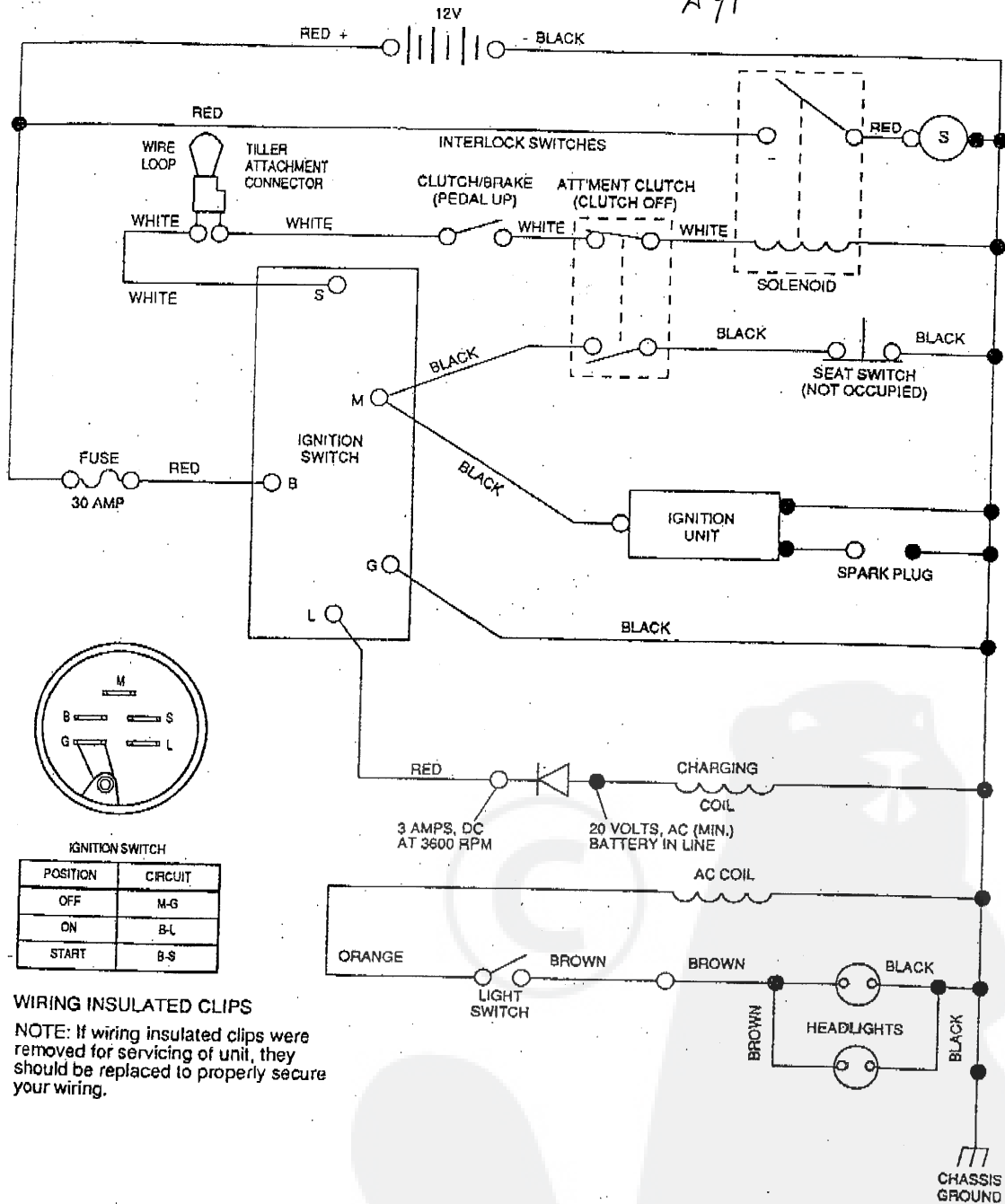
12 HP LAWN TRACTOR

SCHEMATIC DIAGRAM

MODEL = VK LT 120 D G

Series # 3539501039

A 4 P



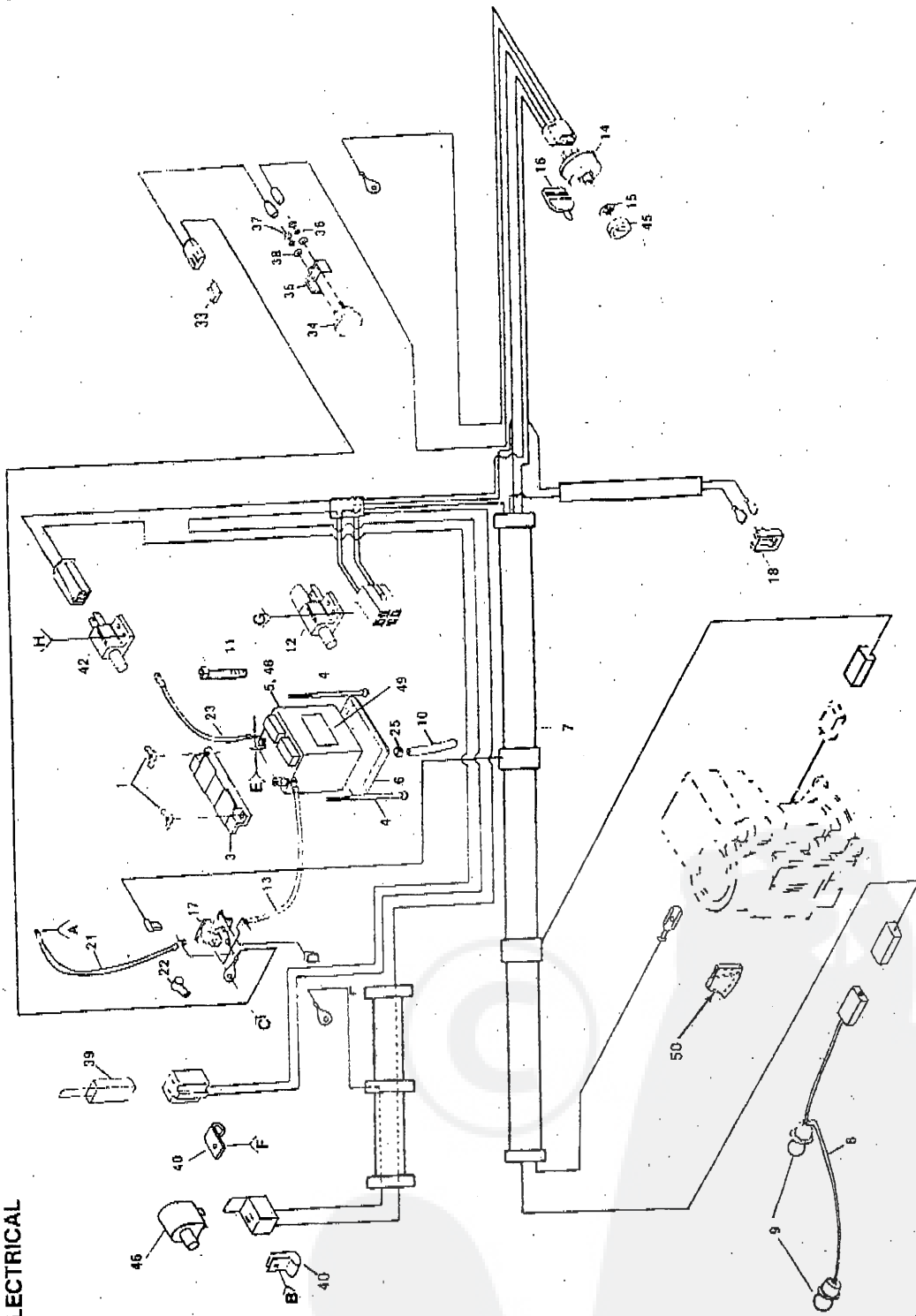
IGNITION SWITCH

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

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
12 HP LAWN TRACTOR
ELECTRICAL

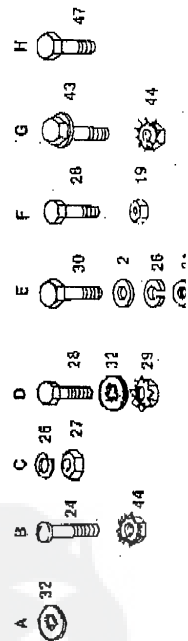


**REPAIR PARTS
12 HP LAWN TRACTOR**

ELECTRICAL

KEY. PART NO.	DESCRIPTION	KEY. PART NO.	DESCRIPTION
1 73490400	Wing Nut 1/4 - 20	30 74760412	Bolt, Hex 1/4 - 20 x 3/4
2 19091016	Washer 9/32 x 5/8 x 16 Ga.	31 73220400	Nut, Hex 1/4 - 20
3 102476X	Terminal Guard	32 11050400	Washer, Lock 1/4 - 20 Int. Tooth
4 72240460	Carriage Bolt 1/4 - 20 x 7 1/2	33 108824X	Fuse, 30 AMP
5 121265X	Battery 12V. (Shipped Dry, Purchase Battery Acid Locally)	34 9433R	Ammeter
6 7603J	Battery Tray	35 6009J	Bracket, Ammeter
7 125913X	Ignition Harness	36 10101000	Lockwasher
8 110859X	Harness, Light Socket	37 73911000	Nut
9 7662J	Light Bulb	38 19070618	Washer, 7/32 x 1/2 x 18 Ga.
10 7604J	Tube, Battery Tray	39 102501X	Loop, Wire
11 7192J	Cable Tie	40 235R	Clip, Insulated
12 109553X	Switch, Interlock, Attachment Clutch	42 104445X	Switch, Interlock, Clutch Pedal
13 4206J	Cable, Battery (Battery to Solenoid)	43 71031008	Hex Washer Head Screw
14 4406R	Switch, Ignition	44 73951000	Nut, Keps #10-32 UNF
15 109788X	Nut, Ignition	45 109787X	Bezel, Ignition
16 122147X	Key	46 121305X	Switch, Plunger
17 109081X	Solenoid	47 17021008	Screw, Hex Tapping #10-24 x 1/2
18 110712X	Switch, Light	48 121264X	Battery Caps Set
19 73680400	Nut, Hex 1/4 - 20	49 121549X	Decal, Battery Caution
20 4171R	Clip Wire	50 125760X	Stop, Plastic
21 4799J	Cable, Battery (Solenoid to Starter)	-- 126248X	Manual, Owners - English
22 719J	Terminal Cover (For Solenoid)	-- 126249X	Manual, Owners - German
23 4207J	Cable, Battery (Battery to Ground)	-- 101539X	Sheet, Inst. Tractor 15° Slope English
24 74841008	Screw 10/32 x 1/2 Pan Head UNF	-- 120663X	Sheet, Inst. Tractor 15° Slope German
25 109596X	Clamp, Hose		
26 10040400	Lockwasher 1/4		
27 73350400	Nut, Hex Jam 1/4 - 20		
28 74780408	Bolt, Hex 1/4 - 20 x 1/2 Gr. 5		
29 73510400	Nut, Keps, Hex 1/4 - 20		

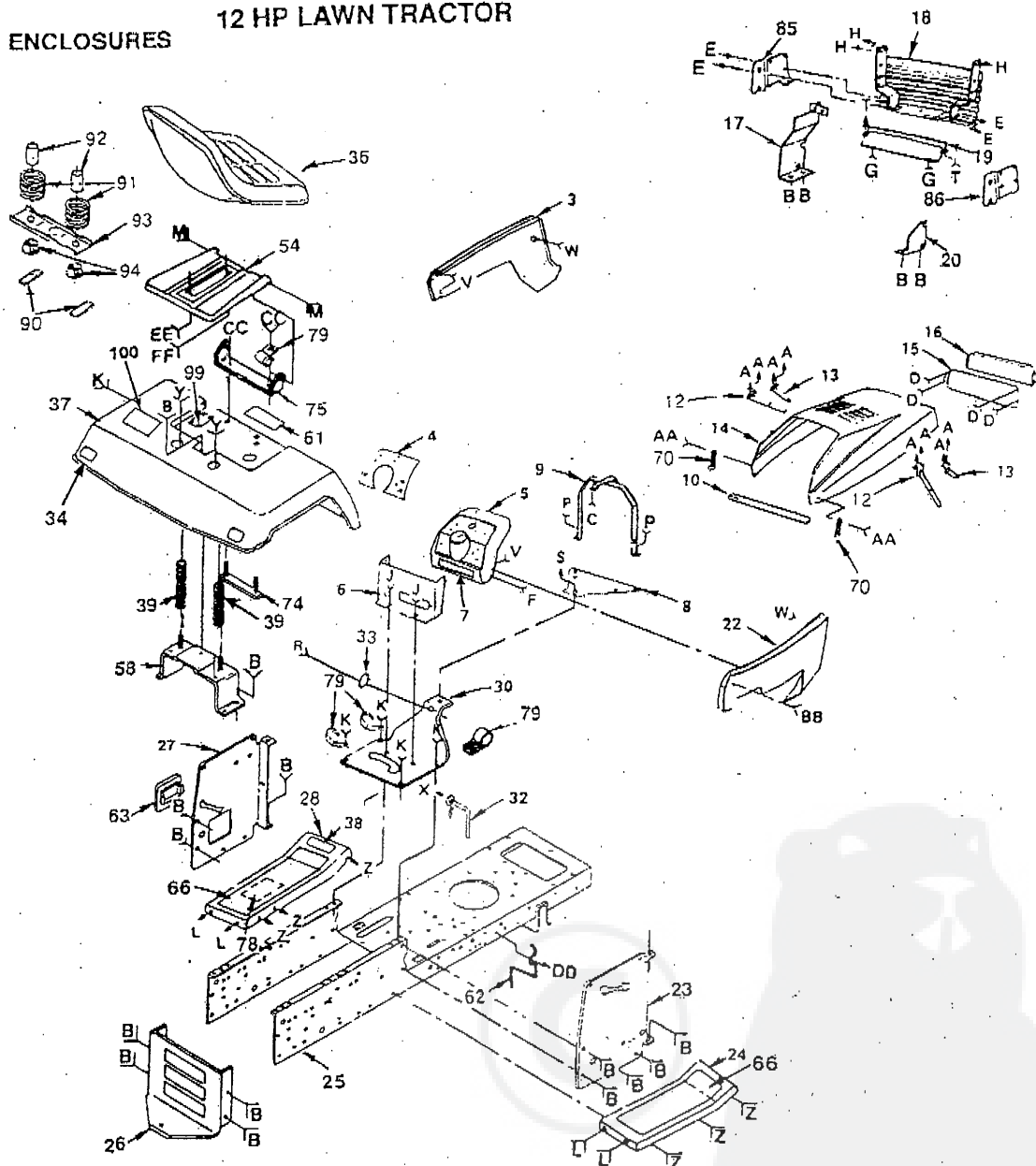
Note: All component dimensions given in U.S. inches. 1 in. = 25.4 mm



REPAIR PARTS

12 HP LAWN TRACTOR

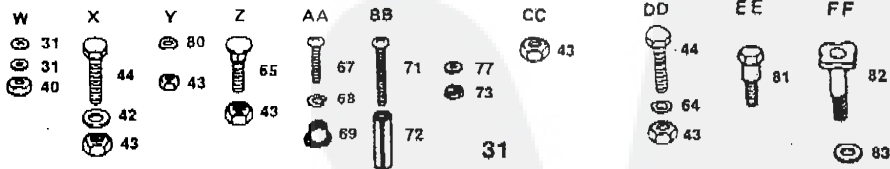
ENCLOSURES



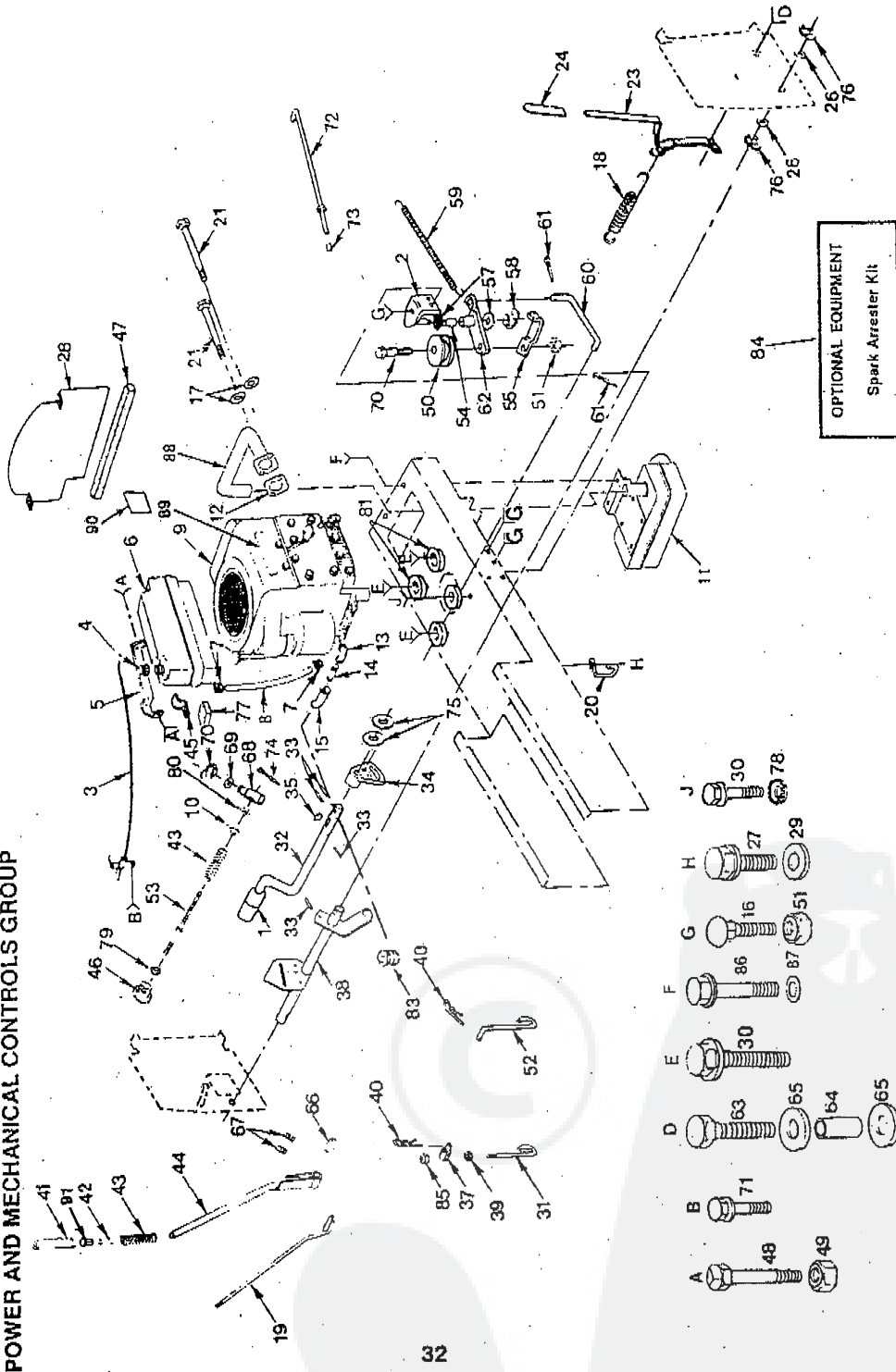
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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| A | B | C | D | E | F | G | H | J | K | L | M | P | R | S | T | V |
| 1 | 47 | 31 | 45 | 44 | 51 | 48 | 49 | 59 | 53 | 41 | 76 | 51 | 55 | 56 | 60 | 102 |
| 40 | 40 | 40 | 46 | 43 | 42 | 87 | 50 | 57 | 42 | 29 | 43 | 52 | 57 | 31 | 95 | |

REPAIR PARTS 12 HP LAWN TRACTOR ENCLOSURES

KEY. PART NO.	KEY. PART NO.	DESCRIPTION	KEY. PART NO.	DESCRIPTION
1 10040400	53 17490608	Washer, Lock 1/4		Screw - Hex Washer Hd. Thd. Forming
3 121890X392		Panel, Side L.H.	54 124294X431	3/8 - 16 x 1/2 Type TT
4 121286X013		Plate, Dashboard	55 17431008	Pan - Seat
5 121312X		Dashboard		Screw - Hex Head Self Tapping No. 10 - 16 x 1/2 ype B
6 104783X		Dash, Lower	56 74780512	Bolt - Hex 5/16 - 18 x 3/4 Gr. 5
7 120789X		Decal, Instruction	57 73510500	Nut - Keps 5/16 - 18
8 106965X		Plate, Support, Battery	58 105509X	Bracket Assembly - Fender
9 104786X		Support Assembly, Dash	59 74180512	Screw - Truss Hd. 5/16 - 18 x 3/4
10 105037X		Foam, Strip	60 17490412	Screw - Hex Washer Hd. 1/4 - 20 x 3/4
12 106784X		Strap Assembly, Hinge, Rear	61 120782X	Decal - Caution
13 104618X		Strap Assembly, Hinge, Front	62 121441X	Guide - Belt, Lower, Engine, Pulley, R.H.
14 121886X392		Hood	63 121794X	Cover - Access
15 104613X		Bezel Assembly	64 19132012	Washer 13/32 x 1 - 1/4 x 12 Ga.
16 106395X		Lens	65 72140606	Bolt - Carriage 3/8 - 16 x 3/4
17 121810X		Bracket Assembly Frame Pivot L.H.	66 108256X	Pad - Footrest
18 104801X		Grill Assembly	67 74191008	Screw - cross Recess Pan Hd. Mach. 10 - 24 x 1/2
19 105419X366		Strap, Grill	68 10071600	Washer - Lock No. 10
20 110852X		Bracket Assembly Frame Pivot R.H.	69 2029J	Nut - Weld
22 121889X392		Panel, Side, R.H.	70 109808X	Latch - Hood
23 106976X		Panel, Dash, R.H.	71 74981020	Screw - Machine Cross Recess 10 - 24 x 1 - 1/4
24 105464X392		Footrest, R.H.	72 7206J	Spacer - Split 10 x 3/4
25 124355X		Chassis	73 73731000	Nut - Keps 10 - 24
26 121306X		Drawbar	74 105511X	Strap Assembly - Fender
27 109665X		Panel-Dash,L.H.	75 105513X	Bracket - Pivot, Seat
28 105465X392		FootRest-L.H.	76 105529X	Bolt - Shoulder
29 73680500		Nut-Crownlock 5/16-18	77 19070818	Washer 7/32 x 1/2 x 18 Ga.
30 108263X019		Saddle	78 123588X	Decal - V - Belt Ground Drive
31 19091216		Washer 9/32 x 3/4 x 16 Ga.	79 2751R	Clip - Fuel Line
32 121440X		Guide-Belt, Lower, Engine Pulley, L.H.	80 19131614	Washer 13/32 x 1 x 14 Ga.
33 1554J		Bushing-Steering	81 121144X	Shoulder - Bolt 5/16 x 18 UNC
34 106202X		Reflector-Tailight	82 120068X	Knob - 1/2
36 123240X		Seat	83 19171912	Washer 17/32 x 1 3/16 x 12 Ga.
37 121663X392		Fender	84 19111116	Washer 11/32 x 11/16 x 16 Ga.
38 120784X		Decal-Clutch/Brake	85 110855X	Bracket Asm. L.H. Pivot
39 124181X		Spring,Seat	86 110854X	Bracket Asm. R.H. Pivot
40 73220400		Nut-Hex 1/4-20	87 19131210	Washer 13/32 x 3/4 x 10 Ga.
41 74760612		Bolt-Hex 3/8-16 x 3/4	88 72170410	Bolt Carriage 1/4 - 20 x 1 - 1/4
42 19131312		Washer 13/32 x13/16 x12 Ga.	89 73900400	Nut - Hex Flange 1/4 - 20
43 73680600		Nut-Crownlock 3/8-16	90 121251X	Foam Strip
44 74760616		Bolt-Hex 3/8-16 x 1	91 121250X	Spring
45 17211010		Screw-Hex Washer Hd. Tapping 10-16 x 5/8	92 121249X	Spacer
46 104755X		"J" Fastener	93 121246X	Bracket - Switch Mount
47 17490612		Screw-Hex Washer Hd. Thd. Rolling 3/8 - 16 3/4 Type TT	94 121245X	Snap Bushing
48 17490512		Screw - Hex Washer Hd. Thd. Rolling 5/16 - 18 x 3/4 Type TT	95 73490400	Wing Nut 1/4 - 20
49 7605J		Bolt - Shoulder 1/4 - 20	99 - - -	Plate Homologation
50 73680400		Nut - Crownlock 1/4 - 20	100 125690X	Decal
51 74760620		Bolt - Hex 3/8 - 16 x 1 - 1/4	102 11030400	Washer, Lock, Int./Ext. 1/4
52 73510600		Nut - Keps 3/8 - 16		



REPAIR PARTS
12 HP LAWN TRACTOR
POWER AND MECHANICAL CONTROLS GROUP



- A 48 49
- B 71
- D 63 65 64 65 51
- E 30
- F 86 87 51
- G 16 29
- H 27
- J 30 78

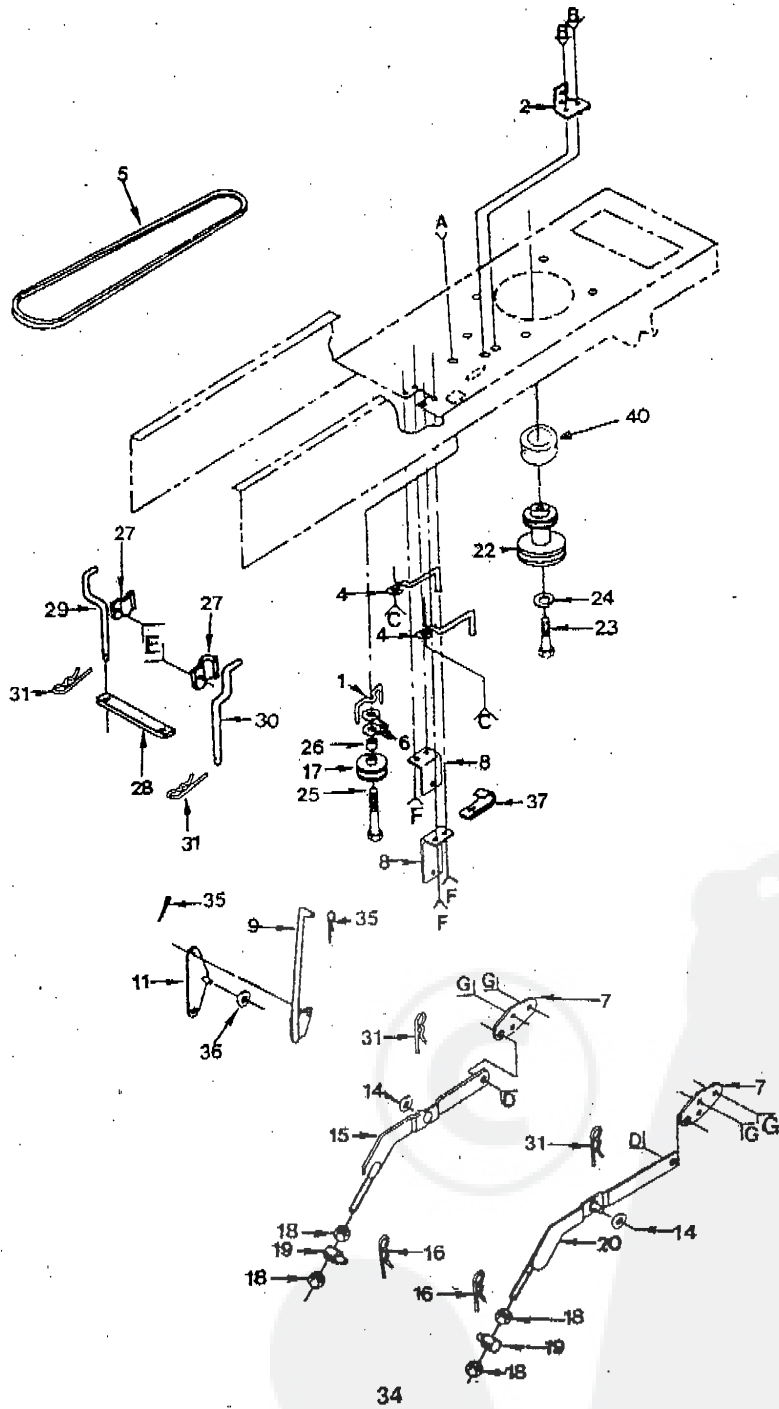
REPAIR PARTS
12 HP LAWN TRACTOR

POWER AND MECHANICAL CONTROLS GROUP

KEY. PART NO.	DESCRIPTION	KEY. PART NO.	DESCRIPTION	KEY. PART NO.	DESCRIPTION
1	8883R Pedal Cover	27	17490612 Screw, Hex Washer Thrd. Rolling 3/8 - 16 x 3/4	57	110812X Washer, Hardened
2	135724X Bracket Assembly, Clutch	28	109623X Ballie, Vertical	58	12000039 Ring, Klip
3	122272X Control, Throttle	29	19131312 Washer 13/32 x 13/16 x 12 Ga.	59	105709X Spring, Return Clutch
4	8504J Fuel Cap	30	17490628 Screw, Hex Washer Hd. Thread Rolling 3/8 - 16 x 1 - 3/4 Type TT	60	105710X Link, Clutch
5	121281X Support, Tank, Fuel	31	110448X Link, Lift, Adjustable	61	76020412 Pin, Cotter 1/8 x 3/4
6	121280X Tank, Fuel	32	109037X Shell, Pedal, Foot	62	105705X Bellcrank Assembly (Inc. Key No. 54)
7	6999R Hose Clamp	33	1572H Roll Pin 3/16 x 1	63	74760624 Bolt Hex 3/8 - 16 x 1 - 1/2
8	7833R Fuel Line	34	106918X Arm, Brake	64	108056X Bushing, Handle, Clutch
9	281707 Engine Briggs & Stratton, Type No. 0412-01	35	2228M Woodruff Key	65	19121612 Washer 3/8 x 1 x 12 Ga.
10	19131016 Washer 13/32 x 5/8 x 16 Ga.	37	110447X Trunnion, Lift	66	8330H Woodruff Key 1/4 x 1
11	123075X Muffler, Europe	38	120174X Shaft, Assembly Lift	67	23180606 Set Screw, Hex Socket Forged
12	125593X Gasket, Exhaust	39	73360700 Nut, Hex Jam 7/16 - 20		
13	13240300 90° Street Elbow 3/8 NPT	40	4930M Retainer Spring	68	110810X Headless 3/8 - 16 x 3/8
14	13280328 Std. Pipe Nipple 3/8 - 18 NPT x 3 - 1/2	41	109413X Grip, Handle	69	19151216 Washer 15/32 x 3/4 x 16 Ga.
15	13200300 90° Elbow 3/8 NPT	42	124526X Plunger, Lever, Hand	70	12000037 Klip Ring
16	72140606 Bolt, Carriage 3/8 - 16 x 3/4	43	2676H Spring	71	17080408 Screw Hex Washer Head Thread Cutting 1/4 - 20 x 1/2
17	10040500 Washer Lock 5/16	44	121718X Lever Assembly, Hand Kit (Inc. Key No's 42, 43 and 2 each 67)	72	105844X Rod, Brake, Park
18	102727X Spring, Extension	45	104799X Brace, Tank	73	71673 Plunger Cap
19	121719X Rod Assembly, Lever	46	121891X Handle, Adjust. Lift	74	78020308 Cotter Pin 3/32 x 1/2
20	104777X Retainer, Belt, Chassis L.H.	47	104915X Strip, Foam 14.5"	75	121749X Washer 25/32 x 1 - 1/4 x 16 Ga.
21	71070510 Screw, Hex.-Hd. Cap 5/16 - 18 x 5/8	48	74780512 Bolt, Hex 5/16 - 18 x 3/4 Gr. 5	76	12000022 E-Ring
22	106983X Handle, Clutch Attachment	49	73680500 Locknut 5/16 - 18 Gr. B	77	6431J Pad, Spacer
23	4617J Grip, Handle	50	106298X Pulley, Idler	78	11050600 Washer, Lock 3/8 - Exl. Tooth
24	19292016 Washer 29/32 x 1 - 1/4 x 16 Ga.	51	73680600 Locknut 3/8 - 16	79	73350600 Nut, Special
25		52	110029X Link, Lift	80	110807X Spacer
26		53	110729X Rod, Adjust. Lift	81	101200K Oil Drain Plug
		54	105706X Bearing	83	13290300 Spark Arrestor Kit
		55	106499X Retainer, Bolt	84	122083X Nut, Jam Crowlock 7/16 - 20
				85	73710700 Screw Hex Washer Hd Thread Rolling 5/16-18 x 3/4
				86	17490512 Washer 11/32 x 3/4 x 16 Ga.
				87	19111216 Pipe, Exhaust
				88	123073X Decal, Engine
				89	120601X Decal, Ergline
				90	121120X Button, Plunger
				91	122364X

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

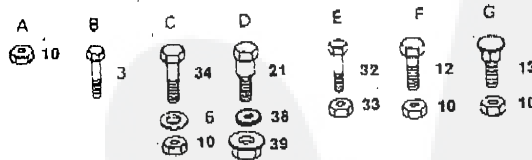
REPAIR PARTS DRIVE GROUP 12 HP LAWN TRACTOR



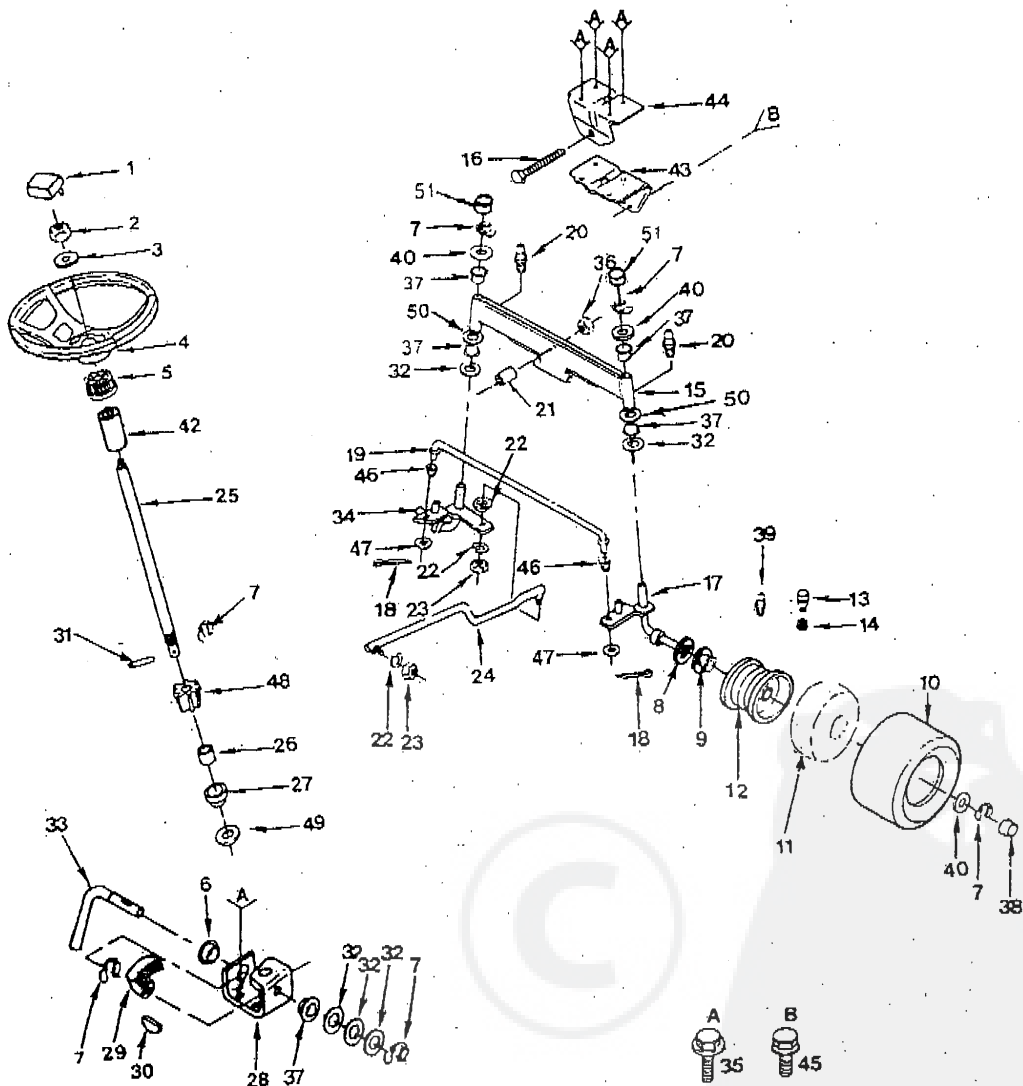
REPAIR PARTS
12 HP LAWN TRACTOR
DRIVE GROUP

KEY. PART NO.	PART NO.	DESCRIPTION
1	109070X	Keeper, Belt
2	108236X	Bracket, Switch
3	17021008	Screw, Tap. Hex Hd. 10 - 24 x 1/2
4	105730X	Keeper, Belt, Engine
5	125907X	V-Belt, Drive
6	19131312	Washer 13/32 x 13/16 x 12 Ga.
7	105864X	Bracket, Suspension
8	106444X	Bracket, Bellcrank
9	108451X	Rod Assembly, Clutch Primary
10	73680600	Nut, Crownlock 3/8 - 16
11	109728X	Bellcrank Assembly
12	74760612	Bolt, Hex 3/8 - 16 x 3/4
13	72140606	Bolt, Rd. Hd. Sq. Neck 3/8 - 16 x 3/4
14	19171516	Washer 17/32 x 15/16 x 16 Ga.
15	121599X	Arm Assembly, Suspension, L.H.
16	9135R	Retainer, Spring
17	4859J	Idler, Flat
18	73220800	Nut, Hex 1/2 - 13.
19	106308X	Trunnion, Lift Lower
20	121598X	Arm Assembly, Suspension R.H.
21	105848X	Bolt, Shoulder 3/8 - 16
22	105731X	Pulley, Engine
23	74770728	Bolt, Hex 7/16 - 20 x 1 - 3/4
24	10040700	Washer, Lock
25	74760644	Bolt, Hex 3/8 - 16 x 2 - 3/4
26	4470J	Spacer
27	106190X	Clamp
28	123770X	Strap, Locator
29	123662X	Keeper, Belt, L.H.
30	123663X	Keeper, Belt, R.H.
31	4921H	Spring, Retainer
32	74760512	Bolt, Hex 5/16 - 18 x 3/4
33	73680500	Nut, Lock 5/16 - 18
34	74760616	Bolt, Hex 3/8 - 16 x 1
35	76020412	Pin, Cotter 1/8 x 3/4
36	19131410	Washer, 13/32 x 7/8 x 10 Ga.
37	5320R	Clip, Insulated
38	110739X	Washer, Spring
39	73980600	Nut, Flange Lock 3/8
40	6404J	Spacer

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



REPAIR PARTS 12 HP LAWN TRACTOR STEERING, FRONT AXLE AND WHEELS

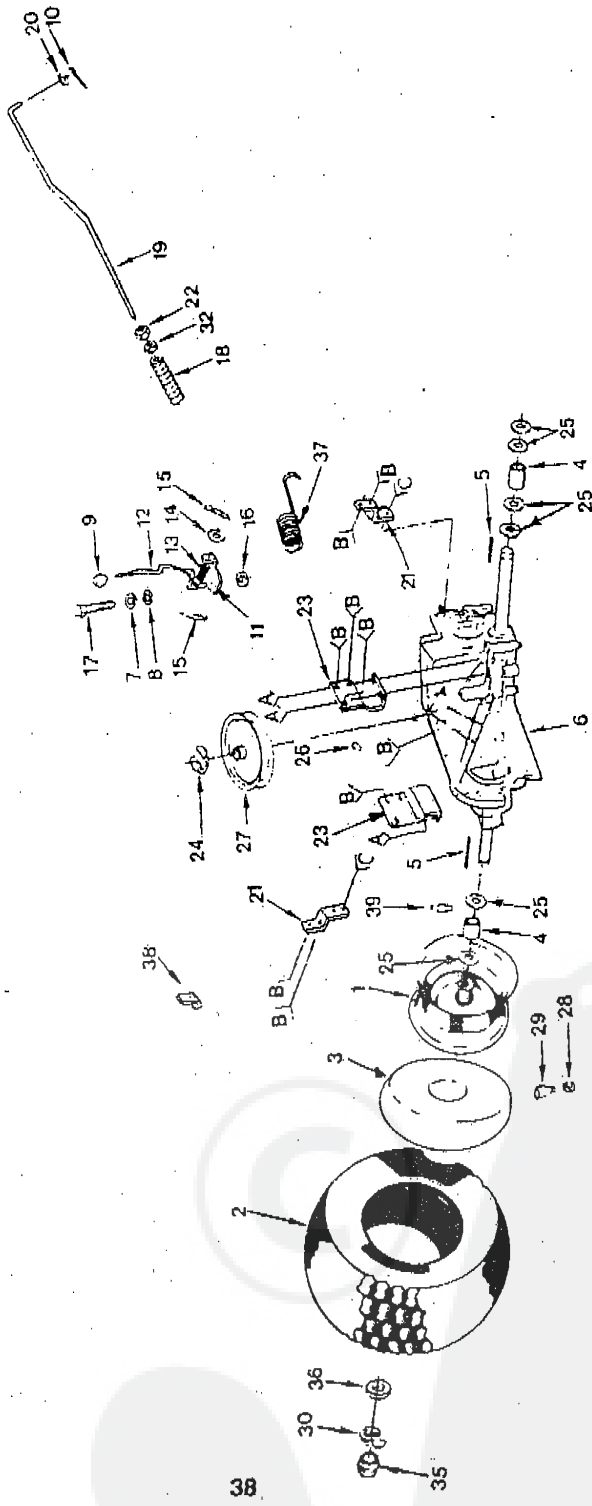


REPAIR PARTS
12 HP LAWN TRACTOR
STEERING, FRONT AXLE AND WHEELS

KEY. PART NO.	PART NO.	DESCRIPTION	KEY. PART NO.	PART NO.	DESCRIPTION
1	100710L	Insert, Steering Wheel	29	108684X	Gear, Sector
2	73940800	Nut, Hex Jam Toplock 1/2 - 20	30	108126X	Woodruff Key 3/16 x 3/4
3	100712K	Washer 17/32 x 2 - 1/4 x .160	31	2882J	Drive Pin 3/16 x 1
4	100713N	Steering Wheel	32	6266H	Bearing Thrust
5	110711L	Adapter, Steering Wheel	33	108683X	Rod, Steering
6	109816X	Nyliner, Snap-in	34	105656X	Spindle Assembly, L.H.
7	12000029	Klipring	35	17490612	Screw, Hex Washer Hd. Thread Forming Type TT 3/8 - 16 x 3/4
8	121749X	Washer 25/32 x 1 - 1/4 x 16 Ga.	36	73901000	Nut, Flange 5/8 - 11
9	9040H	Bearings, Wheel, Front	37	3366R	Bearing
10	106222X	Tire, 15 x 6.00 - 6 (Tubeless)	38	104757X	Cap, Hub, Front
11	59904	Tube, Tire (not furnished with Tractor)	39	278H	Grease Fitting
12	106732X	Rim Assembly - 6" Front (Inc. 2 each Key No. 9)	40	121748X	Washer 25/32 x 1 - 5/8 x 16 Ga.
13	65139	Stem, Valve	42	106944X	Tube, Shaft, Steering
14	59192	Cap, Valve	43	105664X	Support, Saddle, Front
15	108076X	Axle Assembly, Front	44	105663X	Support, Saddle, Rear
16	74761080	Bolt, Hex 5/8 - 11 x 3 - 3/4	45	17490508	Screw, Hex Washer Thd. Rolling 5/16 - 18 x 1/2
17	105654X	Spindle Assembly, R.H.	46	120754X	Bushing
18	76020412	Pin, Cotter 1/8 x 3/4	47	19131416	Washer 13/32 x 7/8 x 16 Ga.
19	105715X	Tie Rod	48	108685X	Gear, Pinion
20	6855M	Fitting, Grease	49	101930X	Washer, Hardened
21	110438X	Spacer Bearing, Front Axle	50	19272016	Washer 27/32 x 1 - 1/4 x 16 Ga.
22	10040600	Lockwasher 3/8	51	121232X	Spindle Cap
23	73610600	Nut, Hex 3/8 - 24			
24	105727X	Drag Link			
25	109556X	Shaft, Steering			
26	74580	Spacer			
27	71208	Bushing, Steering Rod			
28	109432X	Bracket Assembly, Steering			

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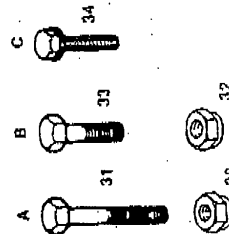
**REPAIR PARTS
12 HP LAWN TRACTOR
TRANSAXLE AND REAR WHEEL**



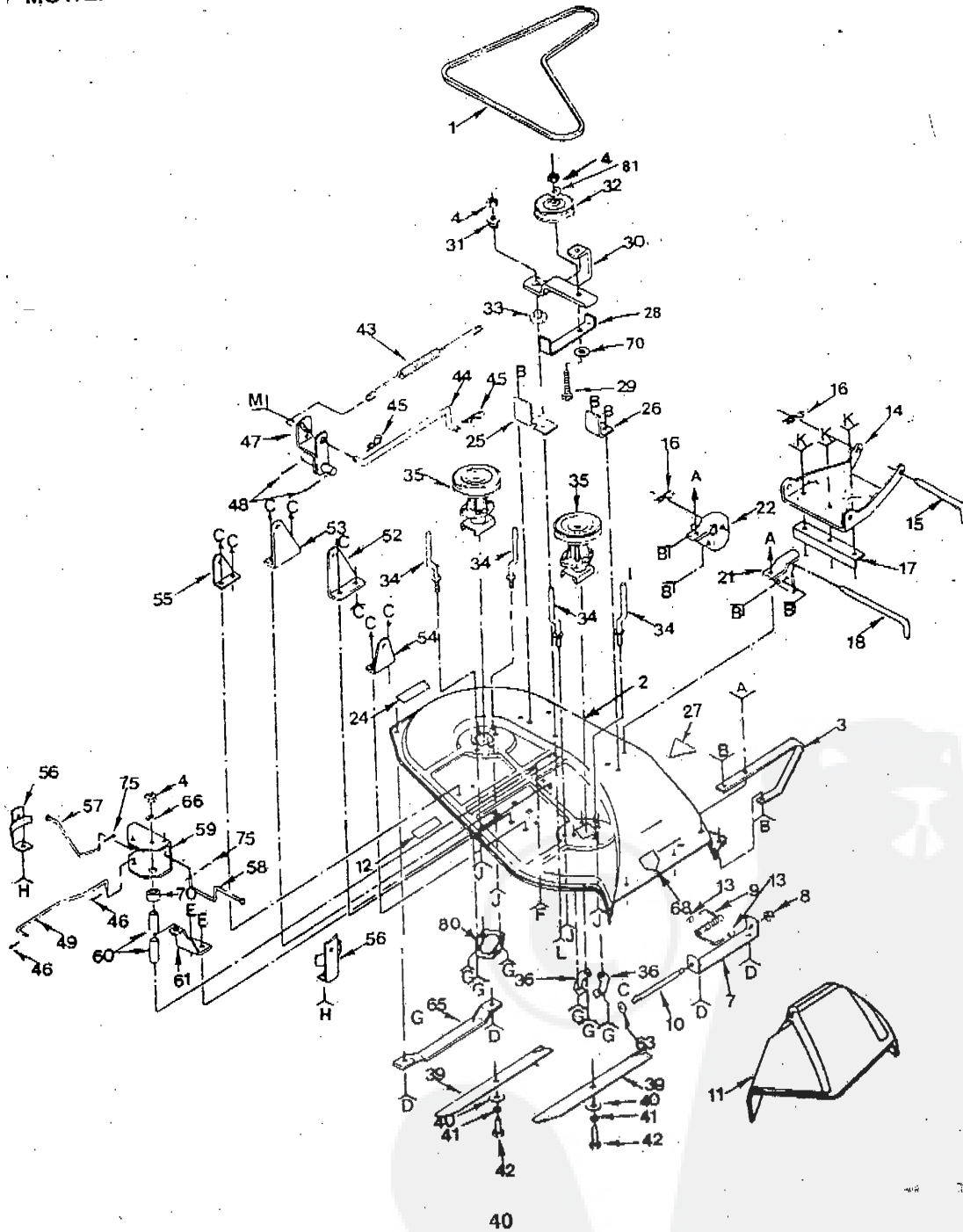
**REPAIR PARTS
12 HP LAWN TRACTOR
TRANSAXLE AND REAR WHEEL**

KEY. PART NO.	DESCRIPTION	KEY. PART NO.	DESCRIPTION
1 106108X	Rim Assembly - 8" Rear	21 121520X	Strap, Torque
2 108268X	Tire 18 x 9.50 - 8 (Tubeless)	22 73350600	Nut, Hex Jam 3/8 - 16
3 7152J	Tube, Tire (not furnished with Tractor)	23 109167X	Bracket, Transaxle.
4 109502X	Spacer, Split	24 12000028	Ring, Retainer
5 123583X	Key, Square 3/16 x 2	25 121749X	Washer 25/32 x 1 - 1/4 x 16 Ga.
6 4360-7	Transaxle Footie 6 Speed (see pages 42 and 43 for parts breakdown)	26 2228M	Woodruff Key 3/16 x 3/4
7 10040400	Washer, Lock 1/4	27 123866X	Pulley, Input Transaxle
8 19091210	Washer 9/32 x 3/4 x 10 Ga.	28 59192	Cap, Valve
9 121274X	Knob, Control	29 65139	Stem, Valve
10 76020412	Coiler Pin 1/8 x 3/4	30 12000001	E-Ring
11 106919X	Plate, Rod, Shift	31 74760644	Bolt, Hex 3/8 - 16 x 2 - 3/4
12 121728X	Rod, Shifter	32 73680600	Nut, 3/8 - 16
13 105700X	Spring, Torsion	33 74760612	Bolt, Hex 3/8 - 16 x 3/4
14 19151216	Washer 15/32 x 3/4 x 16 Ga.	34 17490512	Screw Hex Washer Hd. Thd. Form. Type TT 5/16 - 18 UNC x 3/4
15 76020416	Pin, Colter 1/8 x 1	35 104757X	Cap, Hub, Rear
16 105710X	Washer, Shift Plate	36 121748X	Washer 25/32 x 1 - 5/8 x 16 Ga.
17 71040412	Bolt, Hex 1/4 - 28 x 3/4 Gr. 8	37 110422X	Spring, Brake Return
18 106888X	Spring, Rod, Brake	38 2751R	Clip, Fuel Line
19 110437X	Rod, Brake	39 278H	Filling Grease
20 19131316	Washer 13/32 x 13/16 x 16 Ga.		

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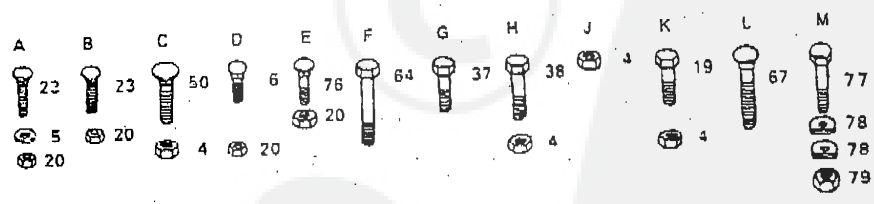
REPAIR PARTS
12 HP LAWN TRACTOR
" MOWER



REPAIR PARTS
38" MOWER 12 HP LAWN TRACTOR

KEY. NO.	PART NO.	DESCRIPTION	KEY. NO.	PART NO.	DESCRIPTION
1	106085X	V-Belt	39	122264X	Blade
2	121259X	Housing	40	19132012	Washer 13/32 x 1 - 1/4 x 12 Ga.
3	8417J	Runner R.H.	41	10030600	Washer, Lock 3/8
4	73680600	Nut, Lock 3/8 - 16	42	74610624	Bolt, Hex 3/8 - 24 x 1 - 1/2 Gr. 5
5	19111216	Washer 11/32 x 3/4 x 16 Ga.	43	108250X	Spring, Ext.
6	72140505	Bolt, Carr., 5/16 - 18 x 5/8	44	108235X	Rod, Clutch, Mower
7	105896X	Bracket, Deflector	45	4921H	Spring, Retainer
8	110452X	Push Nut	46	76020312	Pin, Cotter 3/32 x 3/4
9	106734X	Spring, Deflector	47	109892X	Rock Shaft Assembly
10	106735X	Rod, Hinge	48	76020616	Pin, Cotter 3/16 x 1
11	106736X	Deflector, Shield	49	108247X	Rod, Brake, Primary
12	123224X	Decal, V-Belt Mower Drive	50	72140606	Bolt, Carriage 3/8 - 16 x 3/4
13	105304X	Cap	52	108243X	Bracket, Pivot R.H.
14	105662X	Link, Parallel	53	108241X	Bracket, Pivot L.H.
15	105744X	Pin, Hinge, Front	54	105857X	Bracket, Susp., Rear R.H.
16	4921H	Spring, Retainer	55	108673X	Bracket, Susp., Rear L.H.
17	105872X	Stop, Link	56	106573X	Brake Assembly
18	109835X	Pin, Hinge, Rear	57	106463X	Rod, Brake, Secondary L.H.
19	74760612	Bolt 3/8 - 16 x 3/4	58	108249X	Rod, Brake, Secondary R.H.
20	73680500	Nut, Lock 5/16 - 18	59	106456X	Bracket, Brake, Pivot
21	109598X	Bracket, Lift R.H.	60	100672K	Spacer, Brake
22	109597X	Bracket, Lift L.H.	61	100673L	Bracket, Support
23	72140506	Bolt, Carriage 5/16 - 18 x 3/4	63	19111016	Washer 11/32 x 5/8 x 16 Ga.
24	120787X	Instruction, Caution, Decal	64	74760688	Bolt 3/8 - 16 x 5 - 1/2
25	109503X	Support, Arm	65	7631J	Runner L.H.
26	109504X	Stop, Deck, Front	66	19131614	Washer 13/32 x 1 x 14 Ga.
27	---	Decal, Safety Standard -Not Serviced	67	72140610	Bolt, Carriage 3/8 - 16 x 1 - 1/4
28	121317X	Guide, Belt	68	122566X	Decal, Warning
29	74760632	Bolt 3/8 - 16 x 2	70	122314X	Spacer
30	108832X	Arm, Idler Assembly	75	76020308	Pin, Cotter 3/32 x 1/2
31	106902X	Spacer	76	72110506	Bolt, Carriage 5/16 - 18 x 3/4
32	121316X	Pulley, Idler	77	74760412	Bolt Hex 1/4 x 20 x 3/4
33	106513X	Washer, Wear 1/16	78	109893X	Washer, Special
34	102669X	Keeper, Belt	79	73680400	Nut, Lock 1/4 - 20
35	121687X	Mandrel, Assembly	80	110445X	Plate, Support L.H.
36	100668L	Plate, Support, Mandrel	81	19131316	Washer, 13/32 x 13/16 x 16 Ga.
37	17490612	Screw, Hex Washer Hd. 3/8 - 16 x 3/4			
38	17490620	Screw, Hex Washer Hd. 3/8 - 16 x 1 - 1/4			

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

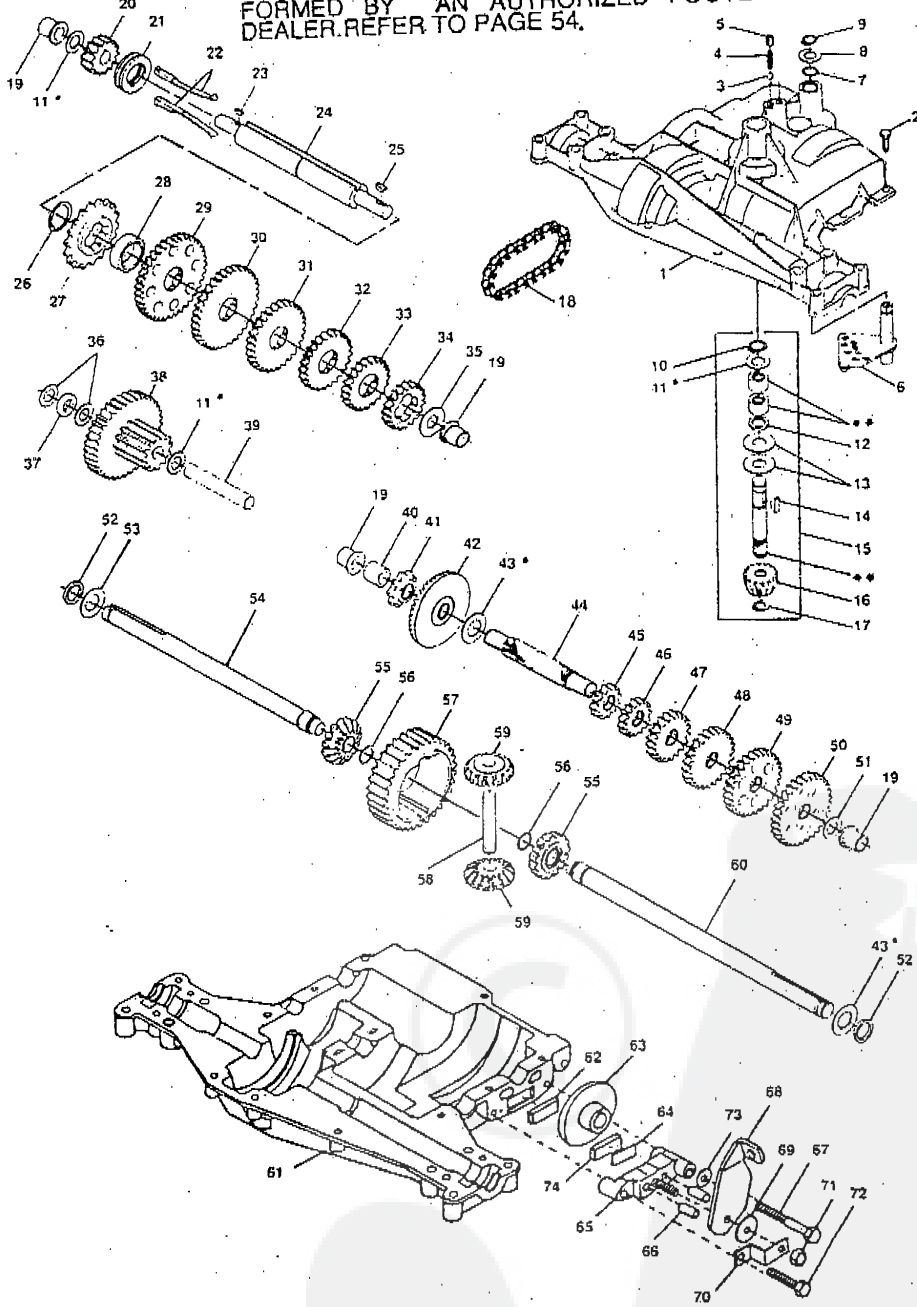


REPAIR PARTS

12 HP LAWN TRACTOR
TRANSAXLE FOOTE-MODEL NUMBER 4360-7

TRANSAXLE

ALL WARRANTY REPAIRS MUST BE PERFORMED BY AN AUTHORIZED FOOTE DEALER. REFER TO PAGE 54.



REPAIR PARTS

12 HP LAWN TRACTOR

TRANSAXLE FOOTE--MODEL NUMBER 4360-7

TRANSAXLE

KEY. PART NO.	PART NO.	DESCRIPTION	KEY. PART NO.	PART NO.	DESCRIPTION
1	3865	Housing, Upper	41	3645	Sprocket, 9T.
2	1919	Screw, Tapping 1/4 - 20 x .734 Lg.	42	3853	Gear, Bevel, 42T.
3	1151	Ball, Detent	43	3749	* Washer, Plain, .758 x 1.12 x .010
4	3626	Spring, Detent	43	3652	* Washer, Plain, .758 x 1.12 x .015
5	3623	Screw, Set	43	3693	* Washer, Plain, .758 x 1.12 x .020
6	4336	Assembly, Shifter	43	3653	* Washer, Plain, .758 x 1.12 x .025
7	3884	O-Ring	43	3408	* Washer, Plain, .758 x 1.25 x .020
8	3885	* Washer, Plain, .505 x .942 x .006	43	3732	* Washer, Plain, .758 x 1.25 x .025
8	3886	* Washer, Plain, .505 x .942 x .010	43	3184	* Washer, Plain, .758 x 1.25 x .031
8	3887	* Washer, Plain, .505 x .942 x .015	43	3733	* Washer, Plain, .758 x 1.25 x .035
8	3888	* Washer, Plain, .505 x .942 x .020	43	3198	* Washer, Plain, .758 x 1.25 x .040
8	3889	* Washer, Plain, .505 x .942 x .026	43	3734	* Washer, Plain, .758 x 1.25 x .045
8	3121	* Washer, Plain, .505 x .942 x .030	43	3735	* Washer, Plain, .758 x 1.25 x .050
8	3890	* Washer, Plain, .505 x .942 x .040	43	3736	* Washer, Plain, .758 x 1.25 x .055
9	1100	Ring, Retaining	43	3180	* Washer, Plain, .758 x 1.25 x .062
10	1099	Ring, Retaining	44	3882	Shaft, Drive
11	1959	* Washer, Plain, .632 x 1.00 x .010	45	3646	Gear, Spur, 12T.
11	1441	* Washer, Plain, .632 x 1.00 x .020	46	3707	Gear, Spur, 15T.
11	1423	* Washer, Plain, .632 x 1.00 x .026	47	3866	Gear, Spur, 20T.
11	1082	* Washer, Plain, .632 x 1.00 x .031	48	3719	Gear, Spur, 25T.
11	1424	* Washer, Plain, .632 x 1.00 x .036	49	3868	Gear, Spur, 28T.
11	1068	* Washer, Plain, .632 x 1.00 x .041	50	3683	Gear, Spur, 31T.
11	1425	* Washer, Plain, .632 x 1.00 x .046	51	1145	Washer, Plain, .632 x 1.00 x .060
11	1358	* Washer, Plain, .632 x 1.00 x .050	52	3191	Seal, Felt
11	1145	* Washer, Plain, .632 x 1.00 x .060	53	3180	Washer, Plain, .758 x 1.25 x .062
11	1319	* Washer, Plain, .632 x 1.00 x .082	54	3880	Axle, L.H.
12	3312	O-Ring	55	3780	Gear, Miter, 15T.
13	3876	Washer, Plain, .632 x 1.38 x .046	56	3656	Ring, Retaining
14	1374	Key, Woodruff, #9	57	3839	Gear, Spur, 32T.
15	4134	Assembly Kit, Input Shaft	58	3919	Shaft, Cross
16	3590	Pinion, Bevel, 14T.	59	3781	Gear, Miter, 15T.
17	3624	Ring, Retaining	60	3881	Axle, R.H.
18	3625	Chain, 24 Pitches	61	3864	Housing, Lower
19	1542	Bearing, Flange	62	3920	Puck, Friction
20	3773	Gear, Spur, 14T.	63	3276	Disc, Brake
21	3631	Collar, Clutch	64	3758	Spacer
22	3828	Key, Clutch	65	3916	Jaw, Brake
23	1369	Key, Woodruff, #3	66	3843	Pin, Dowel
24	3883	Shaft, Intermediate	67	3915	Screw, Tapping 5/16 - 18 x 2.25
25	1375	Key, Woodruff, #61	68	3768	Lever, Actuating
26	3627	Ring, Retaining	69	3760	Washer, Plain, .321 x 1.00 x .055
27	3830	Sprocket, 18T.	70	3917	Bracket, Anti-Rotation
28	3841	Spacer	71	3847	Nut, Lock 5/16 - 24
29	3786	Gear, Spur, 37T.	72	3724	Screw, Tapping 5/16 - 18 x 1.44 Lg
30	3785	Gear, Spur, 35T.	73	3906	Washer, Plain, .343 x .81 x .059
31	3867	Gear, Spur, 30T.	74	3907	Puck, Friction
32	3783	Gear, Spur, 25T.	75	4300	Grease
33	3869	Gear, Spur, 22T.			
34	3741	Gear, Spur, 19T			
35	3628	Washer, Plain, .640 x 1.37 x .061			
36	1423	Washer, Plain, .632 x 1.00 x .026			
37	3422	Spacer, .630 x 1.00 x .169			
38	4286	Assembly, Gear, Combo., 12T. & 35T.			
39	3877	Shaft, Idler			
40	3901	Spacer, .635 x .875 x .755			

* Use in various combinations to maintain proper clearances.

** Order Key No. 15.

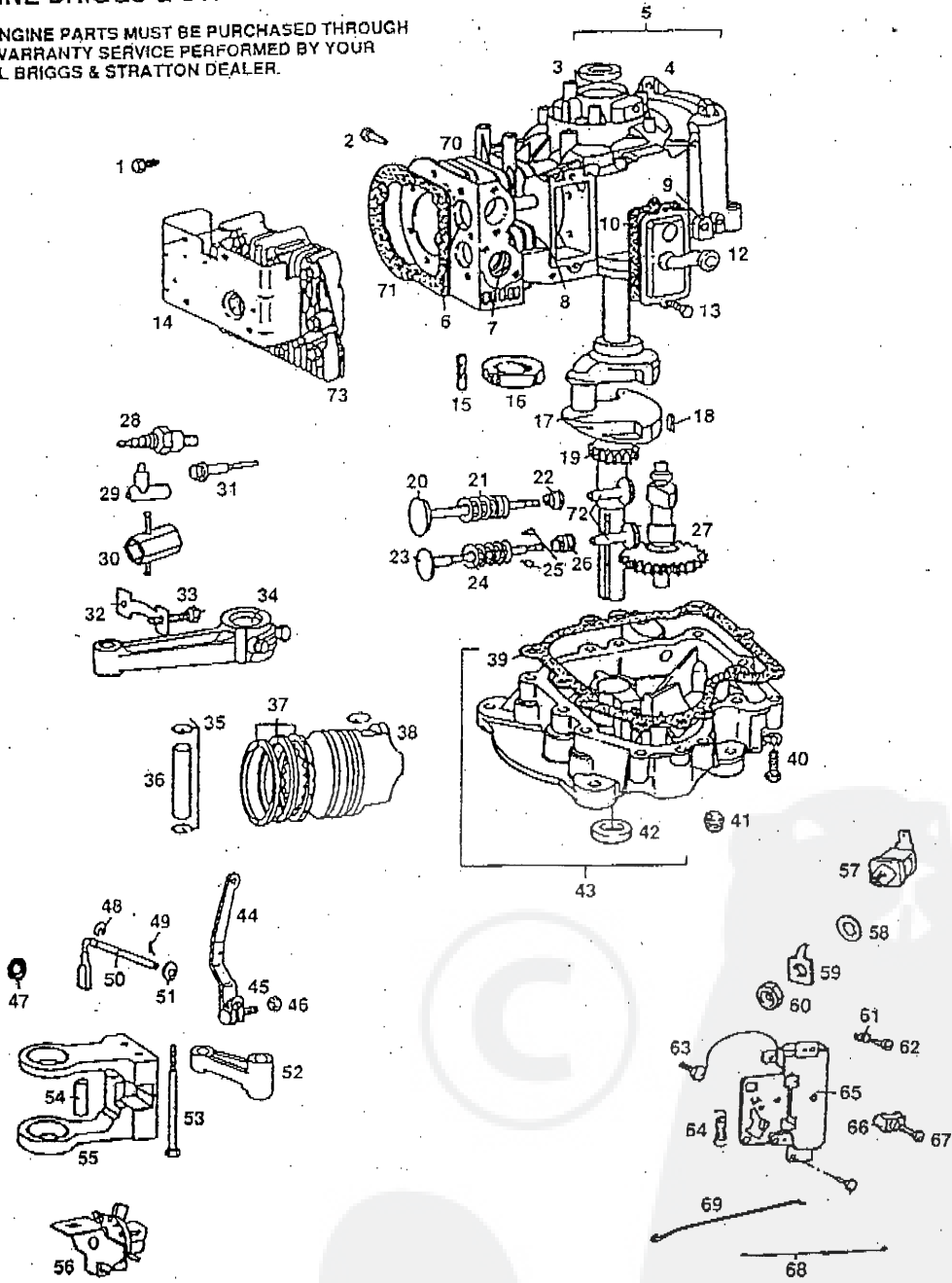
NOTE: All component dimensions given in U.S. inch
1 inch = 25.4 mm

REPAIR PARTS

12 H.P. RIDING LAWN TRACTOR

ENGINE BRIGGS & STRATTON - MODEL NUMBER 281707, TYPE NUMBER 0412-01

ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND WARRANTY SERVICE PERFORMED BY YOUR LOCAL BRIGGS & STRATTON DEALER.



REPAIR PARTS

12 H.P. RIDING LAWN TRACTOR
ENGINE BRIGGS & STRATTON - MODEL NUMBER 281707, TYPE NUMBER 0412-01

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	93158	Screw, Blower Housing Mounting Sem	37	391665	Ring Set, Piston - Standard
				391781	Ring Set, Piston - .010" O.S.
2	93163	Screw, Cylinder Shield Mtg. Sem		391782	Ring Set, Piston - .020" O.S.
3	399265	Bearing, Cylinder Note: Requires special tools for installation	38	391783	Ring Set, Piston - .030" O.S.
				391661	Piston Assembly Standard
4	391086	Seal, Oil		391662	Piston Assembly - .010 O.S.
5	490450	Cylinder Assembly		391663	Piston Assembly - .020" O.S.
6	261463	Seat, Intake Valve (Standard)		391664	Piston Assembly - .030" O.S.
7	210940	Seat, Exhaust Valve (Standard)			
8	261961	Guide, Exhaust Valve Note: 231218 Guide - Intake Valve (Brass)	39	271916	Piston Ring Sets Note: For Chromé Ring Set - Standard size - Order No. 392331 Gasket, Crankcase Cover (1/64" thick)
9	231597	Bushing, Governor Crank (1/4" ID)	40	91005	Screw, Base Mounting Sem
10	27803	Gasket, Valve Cover	41	91084	Plug, Oil Drain
11	391406	Breather Assembly	42	291675	Seal, Oil
12	280100	Tube, Breather	43	490452	Base, Engine
13	93394	Screw, Sem	44	490927	Lever Assembly, Governor (For 1/4 dia. Crank)
14	491490	Cover, Cylinder Head			Bolt, Governor Lever
15	94160	Pin, Eccentric	45	92613	Nut, Hex 10 - 24
16	262243	Eccentric	46	231082	Seal, Oil
17	490466	Crankshaft Note: Order Part Number 94196 for Timing Gear Key	47	491323	Retainer, E-Ring
			48	93007	Cotter, Hairpin
18	222698	Key, Flywheel	49	93306	Crank, Governor (1/4" dia.)
19	262135	Gear, Timing	50	231058	Washer, Governor Crank (1/4" I.D.)
20	262247	Valve, Intake	51	222450	Link, Counterweight
21	65906	Spring, Intake Valve	52	212359	Screw, Counterweight (1)
22	221596	Retainer, Intake Valve	53	93875	Pin, Counterweight (1)
23	262246	Valve, Exhaust	54	298809	Counterweight Assembly
24	26828	Spring, Exhaust Valve	55	399891	Oil Slinger, Governor
25	93630	Retainer, Exhaust Valve Rotocoil (2)	56	490815	Insulator Assembly
			57	398525	Washer, Lock, Shake-proof
26	292260	Rotocoil, Exhaust Valve	58	92791	Terminal, Spade
27	212897	Gear, Cam	59	93722	Nut, Hex 8 - 32
28	293918	Plug, Spark (1 1/2" high - 37-42 mm)	60	90578	Spring, Throttle Adjustment
			61	26157	Screw, Machine Fil. Hd. 8 - 32 x 1
29	66538	Elbow, Spark Plug	62	90000	Screw, Carburetor
30	89838	Wrench, Spark Plug	63	93572	Spring, Governor
31	93723	Screw, Cylinder Head (3" long)	64	260695	Plate, Governor Control (Choke-Matic)
32	222299	Lock, Connecting Rod Screw	65	390784	Clamp, Casing
33	92909	Screw, Connecting Rod	66	221535	Screw, Sem
34	490348	Rod Assembly, Connecting Note: For Connecting Rod with .020" undersize Crankpin Bore - Order No. 490469	67	93486	Spring, Governor Link
			68	260584	Link, Governor
			69	267348	Shield, Cylinder
			70	220715	Gasket, Cylinder Head
35	260924	Lock, Piston Pin	71	271866	Tappet Valve
36	299691	Pin Assembly, Piston - Standard	72	260748	Head, Cylinder
	391286	Pin Assembly, Piston - .005 O.S.	73	491491	

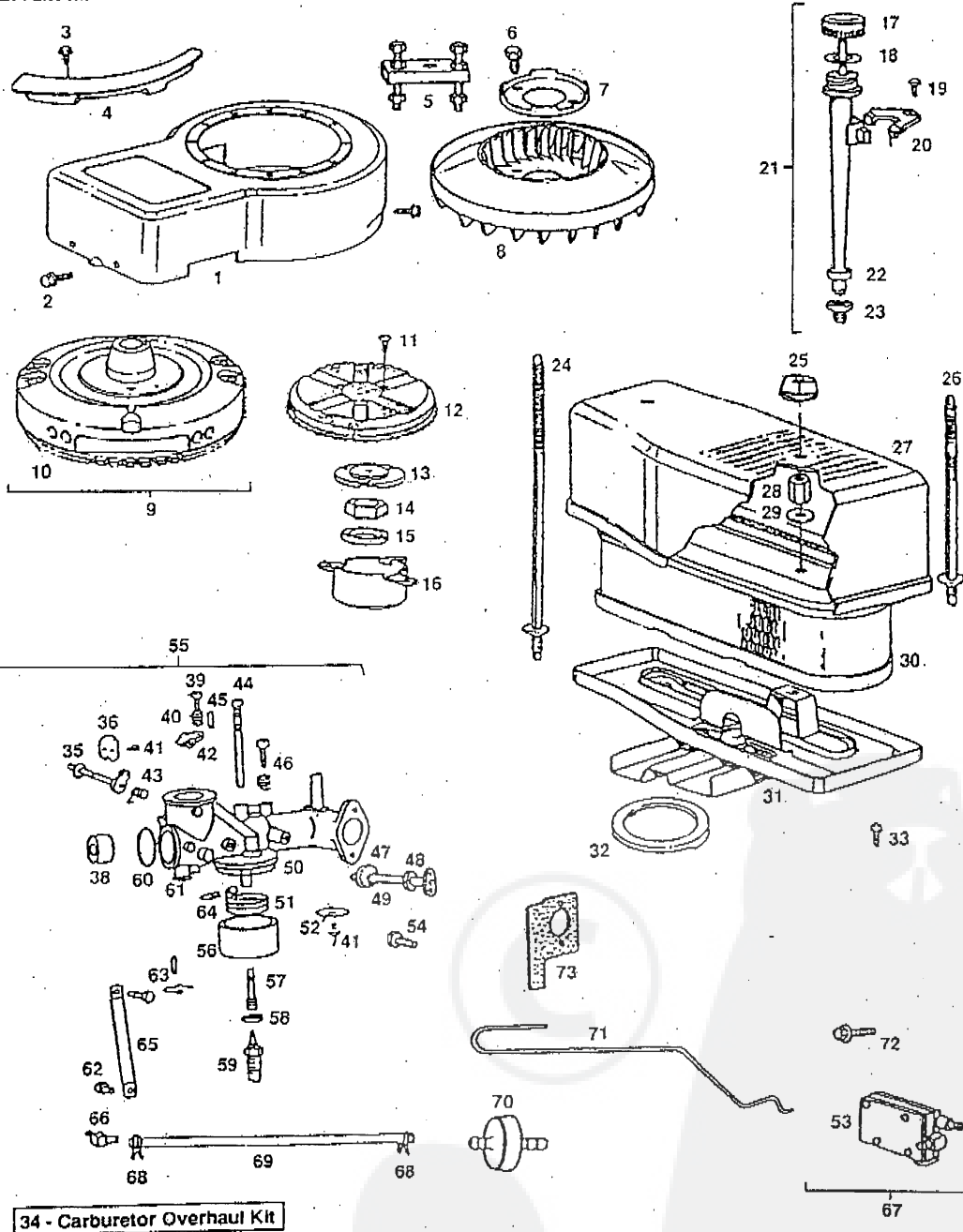
ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND WARRANTY SERVICE PERFORMED BY YOUR LOCAL BRIGGS & STRATTON DEALER.

REPAIR PARTS

ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND WARRANTY SERVICE PERFORMED BY YOUR LOCAL BRIGGS & STRATTON DEALER.

12 H.P. RIDING LAWN TRACTOR

ENGINE BRIGGS & STRATTON - MODEL NUMBER 281707, TYPE NUMBER 0412-01



REPAIR PARTS

12 H.P. RIDING LAWN TRACTOR
ENGINE BRIGGS & STRATTON - MODEL NUMBER 281707, TYPE NUMBER 0412-01

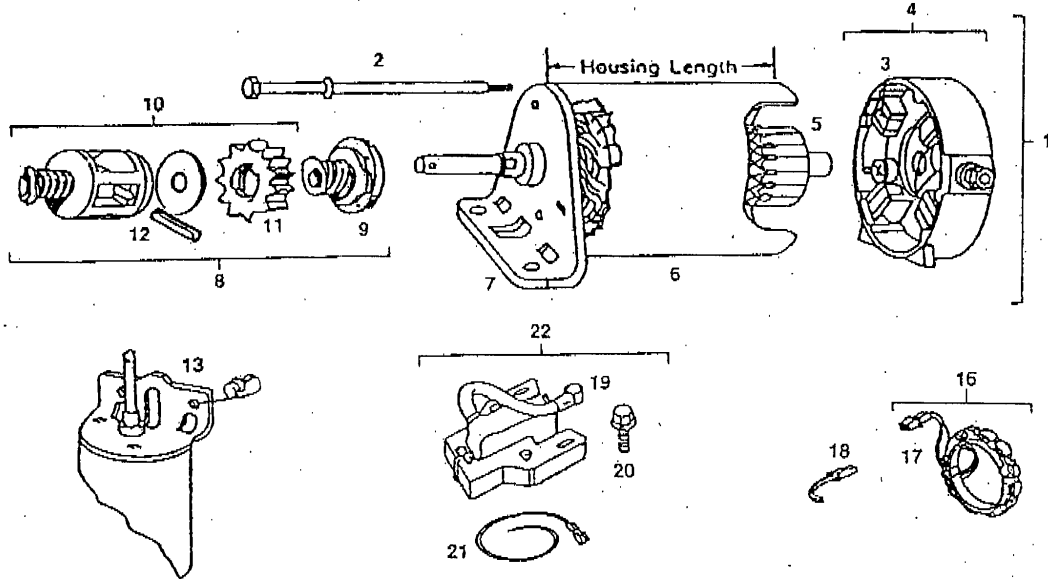
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	490689	Housing, Blower	37	390684	Shaft and Lever, Choke
2	93158	Screw, Blower Housing Mounting Sem	38	211960	Venturi, Carburetor
3	93705	Screw, Hex Hd.	39	91920	Screw, Machine Fil Hd. 8-32 x 5/8"
4	223752	Guard, Flywheel	40	26157	Spring, Throttle Adjustment
5	19203	Puller, Flywheel	41	93499	Screw, Throttle and Choke Valve Mtg. Sem
6	93535	Screw, Sem 3/4" Long	42	211712	Stop, Throttle
7	223726	Retainer, Fan	43	261116	Spring, Choke Return
8	280687	Fan, Flywheel	44	299740	Nozzle, Carburetor
9	492326	Flywheel and Ring Gear Assy. - Magneto	45	93043	Pin, Throttle Stop
10	392134	Gear, Ring (Includes Mounting Parts)	46	292681	Valve Assembly, Carburetor Idle
11	93805	Screw, Sem	47	271853	Washer, Throttle Shaft Seal (Foam)
12	222562	Screen, Flush Rotating	48	398970	Seal, Throttle Shaft
13	280848	Spacer	49	491006	Shaft and Lever, Throttle
14	92284	Nut, Hex	50	270511	Gasket, Flat Bowl
15	220865	Washer, Spring	51	299707	Float, Carburetor
16	222561	Cup, Screen Mounting	52	222433	Valve, Throttle
17	490327	Cap and Dipstick, Oil Filter	53	390818	Pump, Impulse
18	270920	Seal, Oil Filler Cap	54	93357	Screw, Carburetor
19	93572	Screw, Clamp Mounting	55	491031	Carburetor Assembly
20	223721	Clamp, Oil Filler Tube	56	221995	Bowl, Float
21	490474	Fill Group, Oil	57	231323	Screw, Nozzle
22	280741	Tube, Oil Filler	58	222014	Washer, Float Bowl
23	68838	Seal, Filler Tube	59	396568	Valve, Needle
24	94248	Stud, Air Cleaner	60	221997	Plug, Welch
25	212706	Knob, Air Cleaner	61	490473	Body Assembly, Carburetor
26	94246	Stud, Air Cleaner	62	93572	Screw, Carburetor
27	223700	Cover, Air Cleaner	63	394682	Valve, Fuel Inlet
28	231532	Nut, Air Cleaner Mtg.	64	230896	Pin, Float Hinge
29	94249	Washer, Air Cleaner	65	222311	Bracket, Carburetor
30	491519	Cartridge, Air Cleaner	66	67218	Connector, Fuel Pipe
31	490332	Body, Air Cleaner	67	394462	Repair Kit, Pump
32	270853	Gasket, Air Cleaner	68	93053	Clamp, Fuel Pipe
33	94018	Screw, Air Cleaner Sem	69	393815	Fuel Line (11" Long)
4	394698	Carburetor Overhaul Lit	70	289090	Filter, Fuel (In Fuel Line)
5	270382	Washer, Choke Shaft	71	261610	Link, Choke
3	222010	Valve, Choke	72	93621	Screw, Sem
			73	270872	Gasket, Carburetor Mounting

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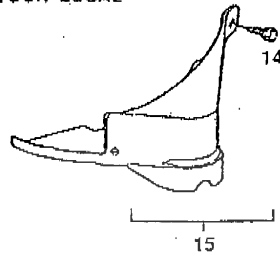
REPAIR PARTS

12 H.P. RIDING LAWN TRACTOR

ENGINE BRIGGS & STRATTON - MODEL NUMBER 281707, TYPE NUMBER 0412-01



ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND WARRANTY SERVICE PERFORMED BY YOUR LOCAL BRIGGS & STRATTON DEALER.



23 LABEL KIT

24 GASKET SET

KEY PART NO.	PART NO.	DESCRIPTION
1	394805	Motor and Drive Assembly 12V, 4-3/8" Housing Length
2	94003	Thru Bolt Assembly
3	395538	Brush Assembly
4	395537	End Cap Assembly Commutator
5	390837	Armature Assembly
6	393825	Housing Assembly
7	394857	Drive End Cap Assembly
8	490421	Drive Assembly
9	398003	Clutch Assembly
10	490467	Retainer and Pin
11	280104	Gear
12	94288	Roll Pin
13	93535	Screw, Sem
14	93984	Screw, Sem

KEY PART NO.	PART NO.	DESCRIPTION
15	490324	Cover, Starter (Includes Mounting Screws)
16	393474	Stator, Alternator (Dual Circuit)
17	393456	Diode and Connector Assembly (Dual Circuit)
18	393362	Alternator Harness Assembly (Dual Circuit)
19	221798	Terminal, Ignition
20	93381	Screw, Armature Mounting Sem
21	398808	Wire, Ground
22	492341	Armature, Magneto
23	491252	Decal, Label Kit
24	490525	Gasket Set

* Includes Brush Set