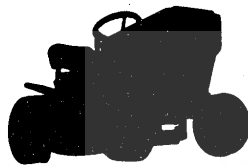
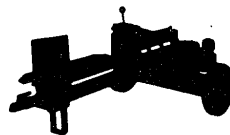
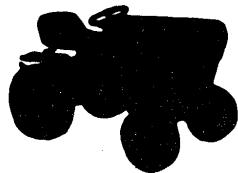

OWNER'S MANUAL

1988

12 H.P. YARD TRACTOR
MODEL NUMBER YT120BT



LAWN AND GARDEN
OUTDOOR POWER EQUIPMENT

ROPER

OUTDOOR POWER EQUIPMENT

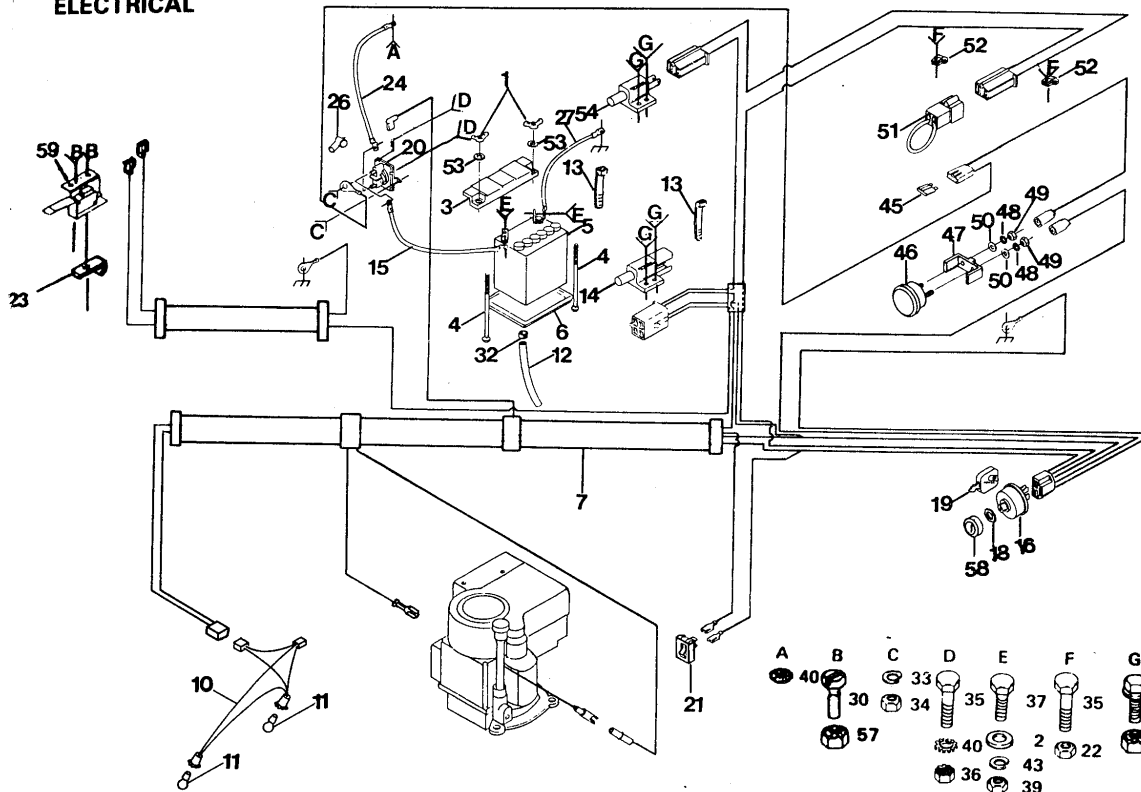
DIVISION OF ROPER CORPORATION

12052 MIDDLEGROUND ROAD
SAVANNAH, GEORGIA 31419

REPAIR PARTS

ROPER YARD TRACTOR--MODEL NUMBER YT120BT

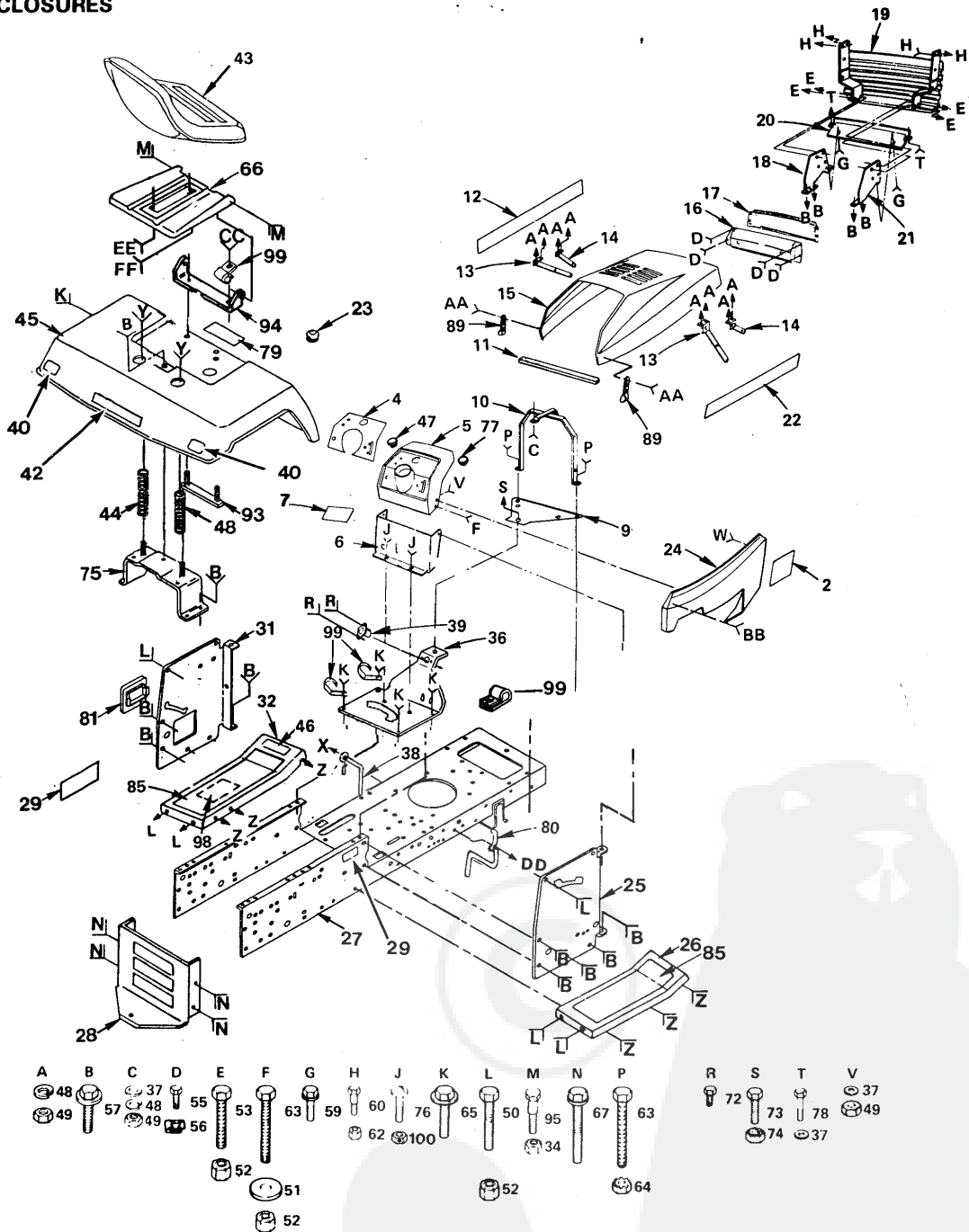
ELECTRICAL



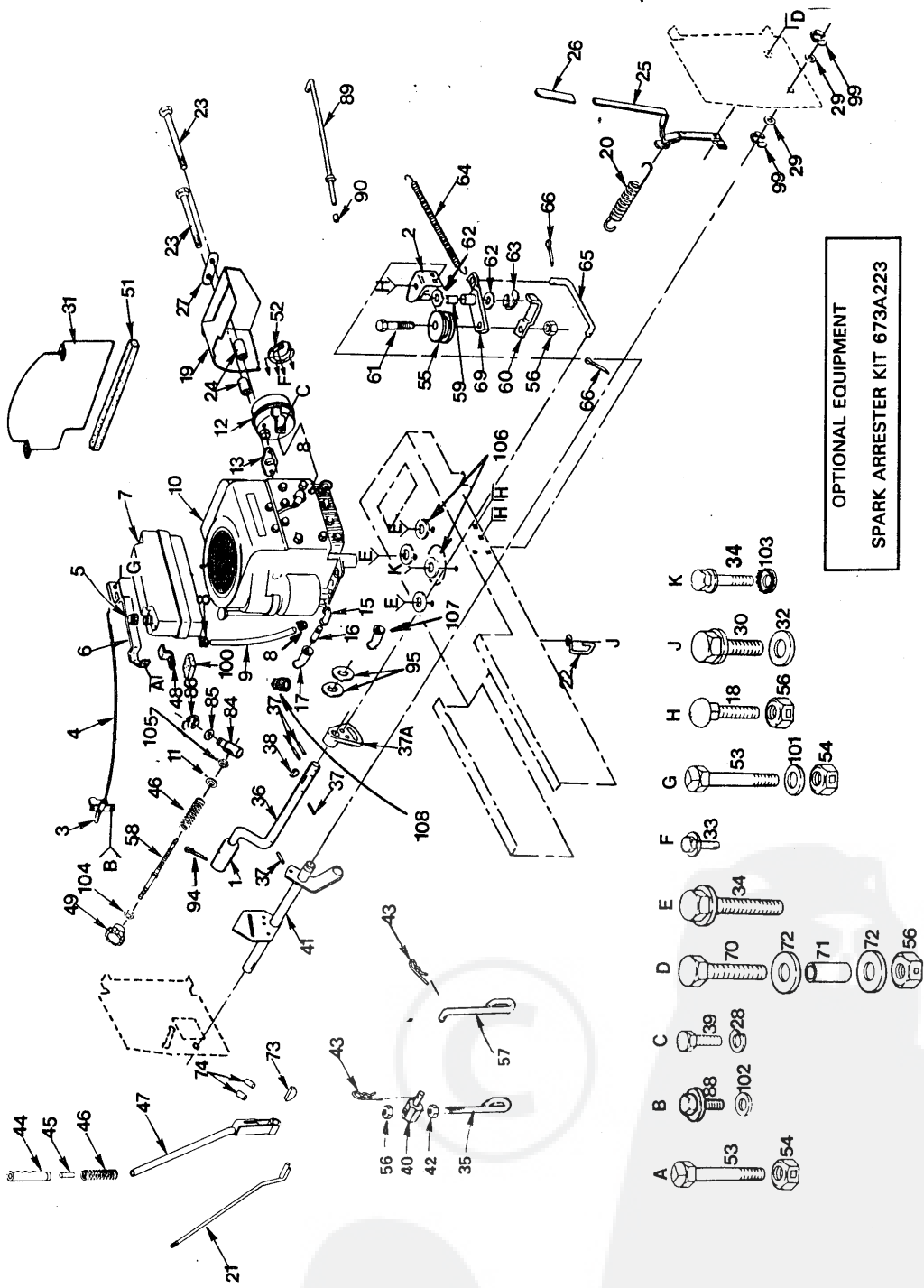
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	73490400	*Wing Nut 1/4-20	34	73350400	*Nut - Hex Jam 1/4-20
2	19091016	Washer 9/32 x 5/8 x 16 Ga.	35	74780408	*Bolt - Hex 1/4-20 x 1/2 Gr. 5
3	102476X	Guard Terminal	36	73510400	Nut - Keps, Hex 1/4-20
4	72240460	Battery Bolt (Bolt - Carriage, Rd. Hd. Sq. Neck 1/4-20 x 7 - 1/2)	37	74760412	*Bolt - Hex 1/4-20 x 3/4
5	228J	Battery	39	73220400	*Nut - Hex 1/4-20
6	7603J	Battery Tray	40	11050400	Washer - Lock 1/4-20 Int. Tooth
7	120130X	Harness - Ignition	43	10040400	*Lockwasher 1/4
10	110859X	Harness - Light Socket	45	108824X	Fuse - 30 AMP
11	7662J	Bulb - Light	46	9433R	Ammeter
12	7604J	Tube - Battery Tray	47	6009J	Bracket - Ammeter
13	7192J	Cable Tie	48	10101000	Lockwasher
14	109553X	Switch - Interlock, Attachment Clutch	49	73911000	Nut
15	4206J	Cable - Battery (Battery to Solenoid)	50	19070818	Washer 7/32 x 1/2 x 18 Ga.
16	4406R	Ignition Switch	51	102501X	Loop - Wire
18	109788X	Nut - Ignition	52	235R	Clip - Insulated
19	109434X	Key	53	11030400	Washer - Int./Ext. 1/4
20	109081X	Solenoid	54	104445X	Switch - Interlock, Clutch Pedal
21	110712X	Switch - Light	56	71021008	Hex Washer Head Screw 10-32 x 1/2
22	73680400	Nut - Hex 1/4-20	57	73951000	Nut - Keps #10-32 UNF
23	4171R	Clip Wire	58	109787X	Bezel - Ignition
24	4799J	Cable - Battery (Solenoid to Starter)	59	121064X	Switch - Seat
26	719J	Terminal Cover (For Solenoid)	---	101539X	Sheet - Instruction, Tractor 15° Slope - English
27	4207J	Cable - Battery (Battery to ground)	---	121019X	Owners Manual - English
30	74681008	Screw 10-32 x 1/2 Pan Head UNF	---	101572X	Sheet - Instruction, Tractor 15° Slope - French
32	109596X	Clamp - Hose	---	120134X	Owners Manual - French
33	10090400	Lockwasher 1/4	23	*STANDARD HARDWARE--PURCHASE LOCALLY	

**REPAIR PARTS
ENCLOSURES**

ROPER YARD TRACTOR--MODEL NUMBER YT120BT



REPAIR PARTS **ROPER YARD TRACTOR--MODEL NUMBER YT120BT**
ENGINE BRIGGS & STRATTON--MODEL NUMBER 281707, TYPE NUMBER 0133-01
POWER & MECHANICAL CONTROLS GROUP



REPAIR PARTS

ROPER YARD TRACTOR--MODEL NUMBER YT120BT

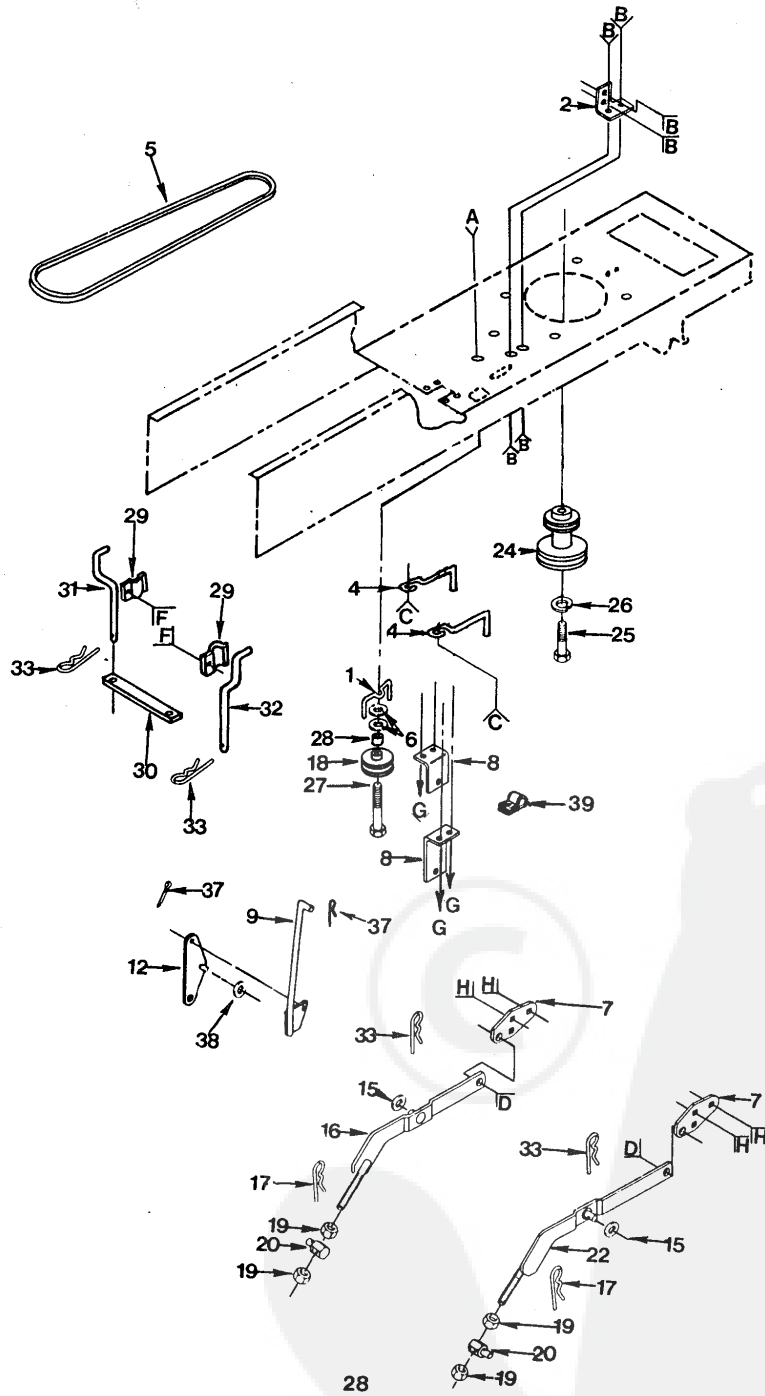
POWER & MECHANICAL CONTROLS GROUP

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	8883R	Petal Cover	47	104597X	Lever Assembly Hand Kit (Inc. Key No. 45, 46 and 2 each 74)
2	105724X	Bracket Assembly - Clutch	48	104799X	No. 5, 46 and 2 each 74
3	61159	Knob - Throttle Control	49	100734K	Brace - Tank
4	101336K	Control - Throttle (Inc. Key No. 3)	51	104915X	Handle - Adjust, Lift
5	8504J	Fuel Cap	52	101326L	Strip - Foam 14.5"
6	104800X	Support - Tank, Fuel	53	74780512	Deflector - Muffler
7	3615J	Tank - Fuel	54	73680500	* Bolt - Hex 5/16 - 18 x 3/4 Gr. 5
8	6999R	Hose Clamp	55	106298X	Locknut 5/16 - 18 Gr. B
9	7833R	Fuel Line	56	73680600	Pulley - Idler
10	281707	Engine Briggs & Stratton, Type no. 0133-01	57	110029X	Locknut 3/8 - 16
11	19131016	Washer 13/32 x 5/8 x 16 Ga.	58	110729X	Link - Lift
12	101273M	Muffler	59	105706X	Rod - Adjust, Lift
13	1407J	Gasket - Exhaust	60	106499X	Bearing
15	13240300	90° Street Elbow 3/8 NPT	61	74760624	Retainer - Belt
16	13280328	Std. Pipe Nipple 3/8 - 18 NPT x 3 - 1/2	62	110812X	* Bolt - Hex 3/8 - 16 x 1 - 1/2
17	13200300	90° Elbow 3/8 NPT	63	12000039	Washer - Hardened
18	72140606	Bolt - Rd. Hd. Sq. Neck 3/8 - 16 x 3/4	64	105709X	Ring - Klip
19	104910X	Baffle Assembly - Muffler	65	105710X	Spring - Return, Clutch
20	102727X	Spring - Extension	66	76020412	Link - Clutch
21	104598X	Rod Assembly - Lever	69	105705X	Pin - Cotter 1/8 x 3/4
22	104777X	Retainer - Belt, Chassis, L.H.	70	74760624	Bellcrank Assembly (Inc. Key No. 59)
23	74780572	Bolt - Hex 5/16 - 18 x 4 - 1/2	71	108056X	* Bolt Hex 3/8 - 16 x 1 - 1/2
24	101496X	Spacer - Split	72	19121612	Bushing - Handle, Clutch
25	106983X	Handle - Clutch Attachment	73	8330H	Washer 3/8 x 1 x 12 Ga.
26	4617J	Grip - Handle	74	23180606	Woodruff Key 1/4 x 1
27	104909X	Clip - Muffler			Set Screw - Hex Socket Forged Headless 3/8 - 16 x 3/8
28	10040400	Lockwasher 1/4	84	110810X	Trunion - Stop, Depth
29	19292016	Washer 29/32 x 1 - 1/4 x 16 Ga.	85	19151216	Washer 15/32 x 3/4 x 16 Ga.
30	17490612	Screw - Hex Washer Thd. Rolling 3/8 - 16 x 3/4	86	12000037	Klip Ring
31	109623X	Baffle - Vertical	88	17720408	Screw Hex Washer Head Thread Cutting 1/4 - 20 x 1/2
32	19131312	Washer 13/32 x 13/16 x 12 Ga.			Rod - Brake, Park
33	17450808	Screw - Hex Washer Hd. No. 8-32 x 1/2	89	105844X	Plunger Cap
34	17490628	Rolling 3/8 - 16 x 1 - 3/4 Type TT	90	71673	Cotter Pin 3/32 x 1/2
35	105855X	Link - Lift, Adjustable	94	76020308	Washer 25/32 x 1 - 1/4 x 16 Ga.
36	109037X	Shaft - Pedal, Foot	95	19252016	E-Ring
37	1572H	Roll Pin 3/16 x 1	99	12000022	Pad - Spacer
37A	106918X	Arm - Brake	100	6431J	Washer 11/32 x 7/8 x 16 Ga.
38	2228M	Woodruff Key	101	19111416	Washer
39	74780408	* Bolt - Hex 1/4 - 20 x 1/2 Gr. 5	102	110457X	Washer - Lock 3/8 - Ext. Tooth
40	106204X	Trunion, Lift	103	11050600	Nut - Hex Jam 3/8 - 16
41	120174X	Shaft Assembly - Lift	104	73350600	Nut - Special
42	73220600	* Nut Hex Fin 3/8 - 16 UNC	105	110807X	Spacer
43	4939M	Retainer Spring	106	101200K	45° Street Elbow 3/8 Npt.
44	109413X	Grip - Handle	107	13310300	Oil Drain Plug
45	105723X	Plunger - Lever, Hand	108	13290300	
46	2876H	Spring			

*STANDARD HARDWARE--PURCHASE LOCALLY

REPAIR PARTS
DRIVE GROUP

ROPER YARD TRACTOR--MODEL NUMBER YT120BT



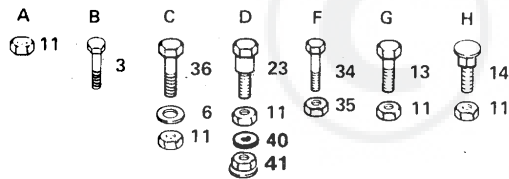
REPAIR PARTS

ROPER YARD TRACTOR--MODEL NUMBER YT120BT

DRIVE GROUP

KEY 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	120302X	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
11	73680600	Nut - Crownlock 3/8 - 16
12	109728X	Bellcrank Assembly
13	74760612	* Bolt - Hex 3/8 - 16 x 3/4
14	72140606	Bolt - Rd, Hd, Sq, Neck 3/8 - 16 x 3/4
15	19171516	Washer 17/32 x 15/16 x 16 Ga.
16	105863X	Arm Assembly - Suspension - L.H.
17	9135R	Retainer - Spring
18	4859J	Idler - Flat
19	73220800	* Nut - Hex 1/2 - 13
20	106308X	Trunnion - Lift Lower
22	105862X	Arm Assembly - Suspension - R.H.
23	105848X	Bolt - Shoulder 3/8 - 16
24	105731X	Pulley - Engine
25	74770728	Bolt - Hex 7/16 - 20 x 1 - 3/4
26	10040700	* Washer - Lock 7/16
27	74760644	* Bolt - Hex 3/8 - 16 x 2 - 3/4
28	4470J	Spacer
29	106190X	Clamp
30	109370X	Strap - Locator
31	109368X	Keeper, Belt, L.H.
32	109369X	Keeper, Belt, R.H.
33	4921H	Spring - Retainer
34	74760512	* Bolt, Hex 5/16 - 18 x 3/4
35	73680500	* Nut, Lock 5/16 - 18
36	74760616	* Bolt - Hex 3/8 - 16 x 1
37	76020412	Pin - Cotter 1/8 x 3/4
38	19131410	Washer 13/32 x 7/8 x 10 Ga.
39	5320R	Clip, Insulated
40	110739X	Washer, Spring
41	73980600	Nut - Flanglock 3/8

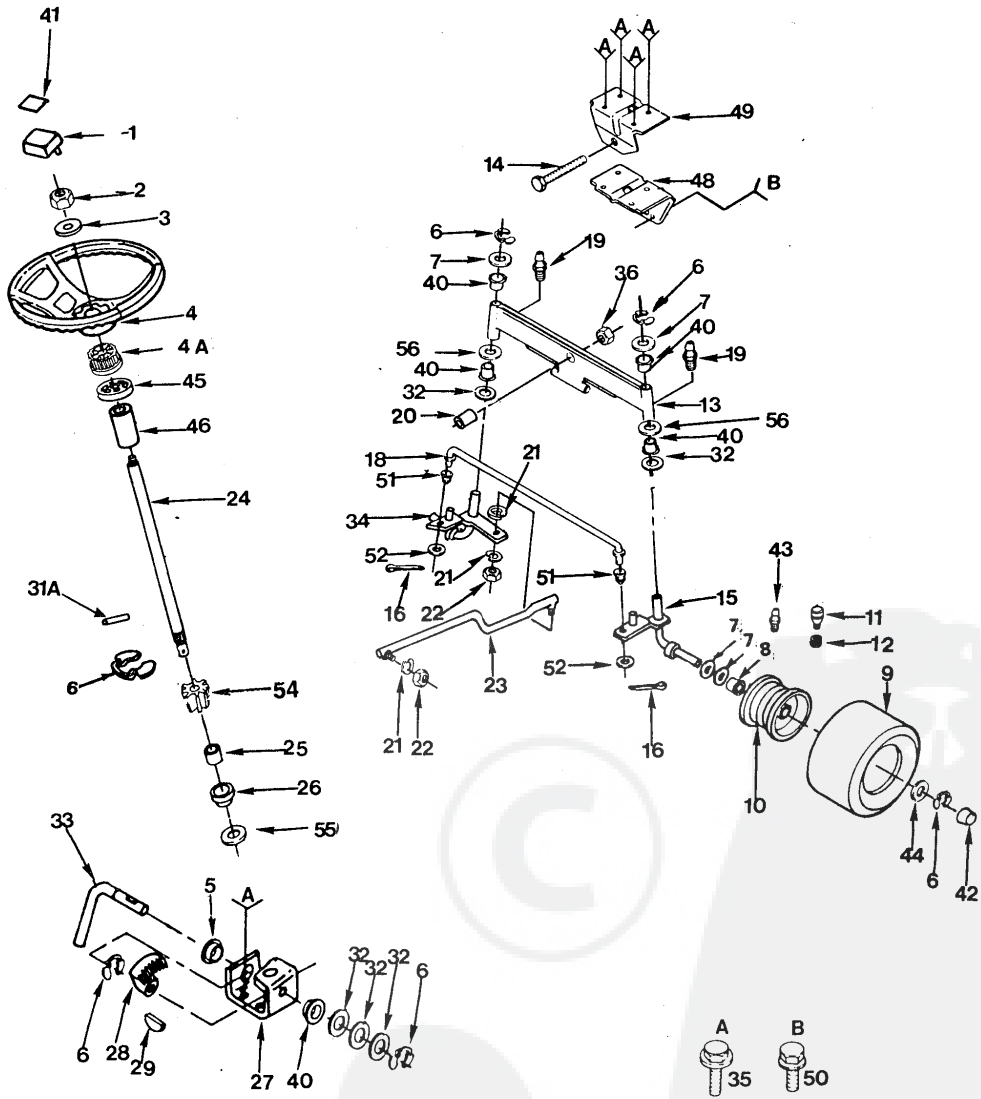
*STANDARD HARDWARE--PURCHASE LOCALLY



REPAIR PARTS

ROPER YARD TRACTOR--MODEL NUMBER YT120BT

STEERING, FRONT AXLE AND WHEELS



REPAIR PARTS

ROPER YARD TRACTOR--MODEL NUMBER YT120BT

STEERING, FRONT AXLE AND WHEELS

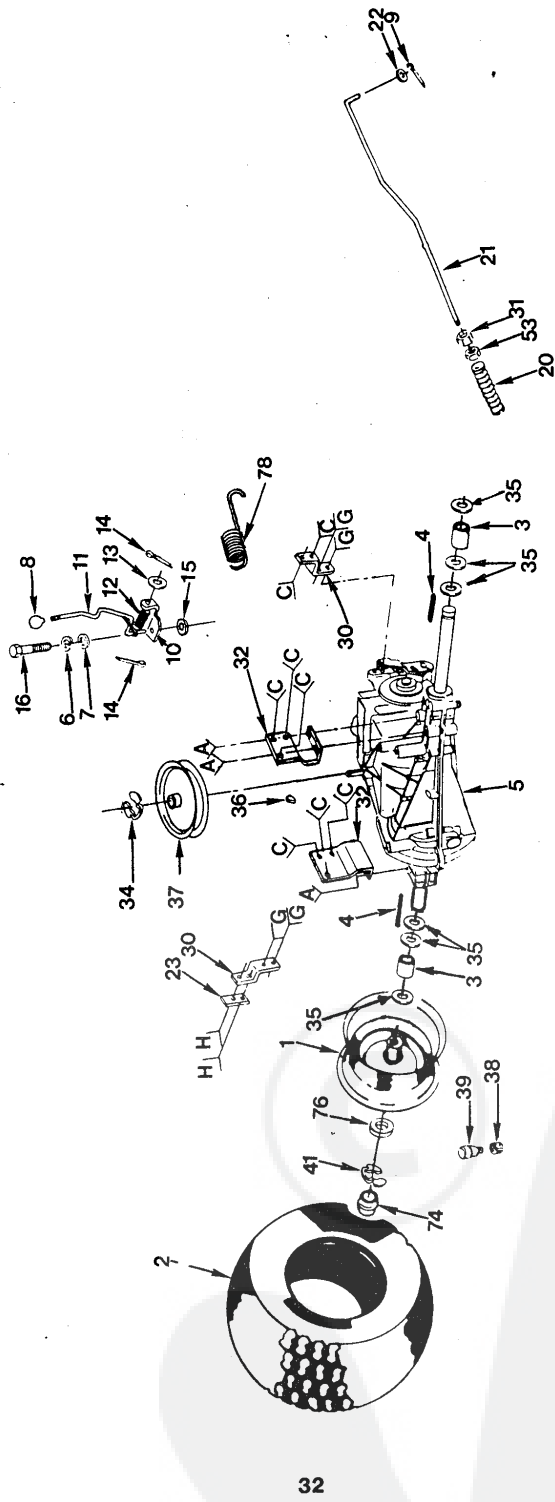
KEY NO.	PART NO.	DESCRIPTION
1	100710L	Insert - Steering Wheel
2	73940800	*Nut - Hex Jam Toplock 1/2 - 20
3	100712K	Washer 17 32 x 2 - 1/4 x .160
4	100713N	Steering Wheel 13"
4A	100711L	Adapter - Wheel, Steering
5	109816X	Nyliner - Snap-In
6	12000022	E-Ring
7	19252016	Washer 25/32 x 1 - 1/4 x 16 Ga.
8	9040H	Bearings - Wheel, Front
9	106222X	Tire - 15 x 6.00 - 6 (Tubeless)
...	59904	Tube - Tire (not furnished with Tractor)
10	106732X	Rim Assembly - 6" Front (Inc, 2 each Key No. 8)
11	65139	Stem - Valve
12	59192	Cap - Valve
13	108075X	Axle Assembly - Front
14	74761060	Bolt - Hex 5/8 - 11 x 3 - 3/4
15	105654X	Spindle Assembly - R.H.
16	76020412	Pin - Cotter 1/8 x 3/4
18	105715X	Tie Rod
19	6855M	Fitting - Grease
20	110438X	Spacer Bearing - Front Axle
21	10040600	*Lockwasher 3/8
22	73610600	*Nut - Hex 3/8 - 24
23	105727X	Drag Link
24	109556X	Shaft Steering
25	74580	Spacer
26	71208	Bushing - Steering Rod
27	109432X	Bracket Assembly - Steering
28	108684X	Gear - Sector
29	106126X	Woodruff Key 3/16 x 3/4
31A	2882J	Drive Pin 3/16 x 1
32	6266H	Bearing Thrust
33	108683X	Rod - Steering
34	105656X	Spindle Assembly - L.H.
35	17490612	Screw - Hex Washer Hd, Thread Forming Type TT 3/8 - 16 x 3/4
36	73901000	Nut - Lock Flange, 5/8 - 11
40	3366R	Bearing
41	104590X	Decal - Steering Wheel
42	104757X	Cap - Hub, Front
43	278H	Grease Fitting
44	19252616	Washer 25/32 x 1 - 5/8 x 16 Ga.
45	106943X	Spacer - Shaft, Steering
46	106944X	Tube - Shaft, Steering
48	105664X	Support - Saddle, Front
49	105663X	Support - Saddle, Rear
50	17490508	Screw - Hex Washer Thd, Rolling 5/16 - 18 x 1/2
51	120382X	Bushing
52	19131416	Washer 13/32 x 7/8 x 16 Ga.
54	108685X	Gear - Pinion
55	101930X	Washer - Hardened
56	19272016	Washer - 27/32 x 1 - 1/4 x 16 Ga.

*STANDARD HARDWARE--PURCHASE LOCALLY

REPAIR PARTS

ROPER YARD TRACTOR--MODEL NUMBER YT120BT

DRIVE GROUP

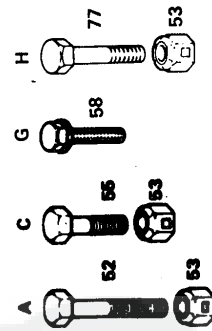


REPAIR PARTS

ROPER YARD TRACTOR--MODEL NUMBER YT120BT

TRANSAXLE AND REAR WHEEL

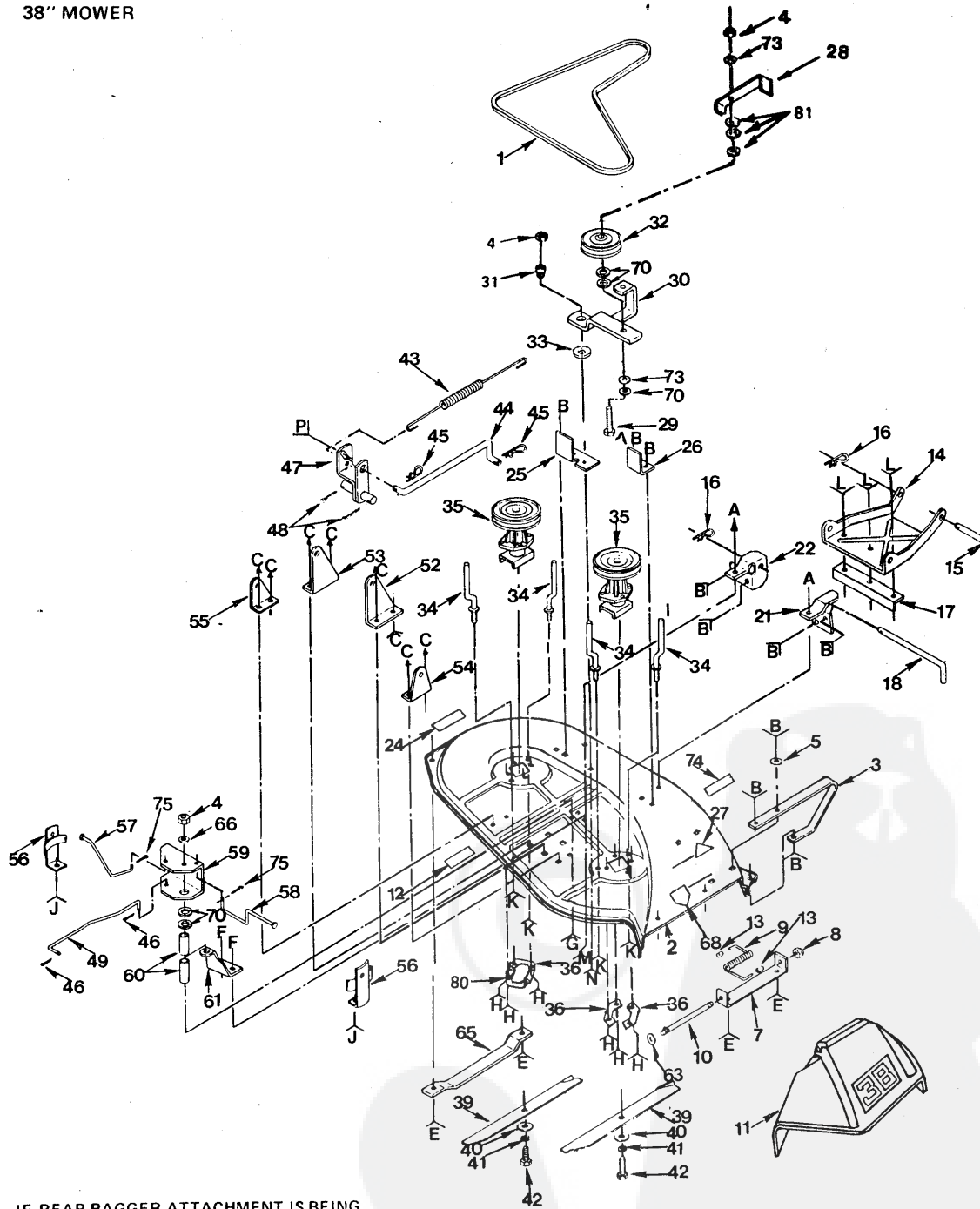
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	106108X	Rim Assembly - 8" Rear	30	105842X	Strap Torque
2	106268	Tire - 18 x 9.50 - 8 (Tubeless)	31	73350600	Nut - Hex Jam 3/8 - 16
3	7152J	Tube - Tire (not furnished with Tractor)	32	109167X	Bracket - Transaxle
3	109502X	Spacer - Split	34	12000028	Ring - Retainer
4	2703J	Key - Square 3/16 x 2	35	19252016	Washer 25/32 x 1 - 1/4 x 16 Ga. (2 to 4 as required)
5	4150-50	Transaxle Foot, 5 Speed, (see pages 36 and 37 for parts breakdown)	36	2228M	Woodruff Key 3/16 x 3/4
6	10040400	*Washer - Lock 1/4	37	105703X	Pulley - Input Transaxle
7	19091210	Washer 9/32 x 3/4 x 10 Ga.	38	59192	Cap - Valve
8	106933X	Knob - Control	39	65139	Stem - Valve
9	76020412	Cotter Pin 1/8 x 3/4	41	12000001	E-Ring
10	106919X	Plate - Rod, Shift	52	74760644	*Bolt - Hex 3/8 - 16 x 2 - 3/4
11	105699X	Rod - Shift	53	73680600	Nut - Crownlock, 3/8 - 16
12	105700X	Spring - Torsion	55	74760612	*Bolt - Hex 3/8 - 16 x 3/4
13	19151216	Washer 15/32 x 3/4 x 16 Ga.	58	17490512	Screw Hex Washer Hd, Thd. Form. Type TT 5/16 - 18 UNC x 3/4
14	76020416	*Pin, Cotter 1/8 x 1	74	104757X	Cap - Hub, Rear
15	105701X	Washer - Shift Plate	76	19252616	Washer 25/32 x 1 - 5/8 x 16 Ga.
16	71040412	Bolt - Hex 1/4 - 28 x 3/4 Gr. 8	77	74760616	*Bolt - Hex 3/8 - 16 x 1
20	106888X	Spring - Rod, Brake	78	110422X	Spring - Brake Return
21	110437X	Rod - Brake			
22	19131316	*Washer 13/32 x 13/16 x 16 Ga.			
23	106157X	Plate - Strap, Torque			



REPAIR PARTS

ROPER YARD TRACTOR--MODEL NUMBER YT120BT

38" MOWER



IF REAR BAGGER ATTACHMENT IS BEING USED, REFER TO REAR BAGGER OWNERS MANUAL FOR BLADE PART NO.

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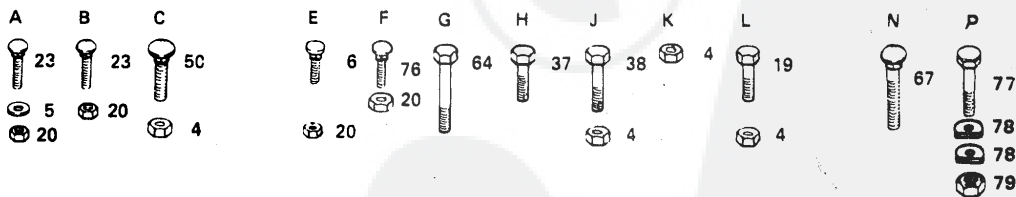
REPAIR PARTS

ROPER YARD TRACTOR--MODEL NUMBER YT120BT

38" MOWER

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	106085X	V-Belt	39	106634X	Blade, 38"
2	105689X	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	105814X	Decal	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	106578X	Brake Assembly
18	105743X	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	109820X	Instruction - Caution Decal	64	74760684	Bolt, 3/8-16 x 5-1/4
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	109984X	Decal - Safety Standard	67	72140610	Bolt, Carr., 3/8-16 x 1-1/4
28	106461X	Guide, Belt	68	107339X	Decal-Warning
29	74760636	* Bolt 3/8 - 16 x 2 1/4	70	19131316	*Washer 13/32 x 13/16 x 16 Ga.
30	108832X	Arm, Idler Assembly	73	19132012	Washer, 13/32 x 1-1/4 x 12 Ga.
31	106902X	Spacer	74	109819X	Decal-Warning
32	102403X	Pulley, Idler	75	76020308	Pin Cotter 3/32 x 1/2
33	106513X	Washer, Wear, 1/16	76	72110506	Bolt, Carriage 5/16-18 x 3/4
34	102669X	Keeper, Belt	77	74760412	Bolt Hex 1/4x 20 x 3/4
35	105891X	Mandrel, Assembly	78	109893X	Washer-Special
36	100668L	Plate, Support, Mandrel	79	73680400	Nut Lock 1/4-20
37	17490612	Screw, Hex Washer Hd. 3/8-16 x 3/4	80	110445X	Plate - Support L.H.
38	17490620	Screw, Hex Washer Hd. 3/8-16 x 1-1/4	81	19131407	Washer - 13/32 x 7/8 x 7 Ga.

*STANDARD HARDWARE--PURCHASE LOCALLY

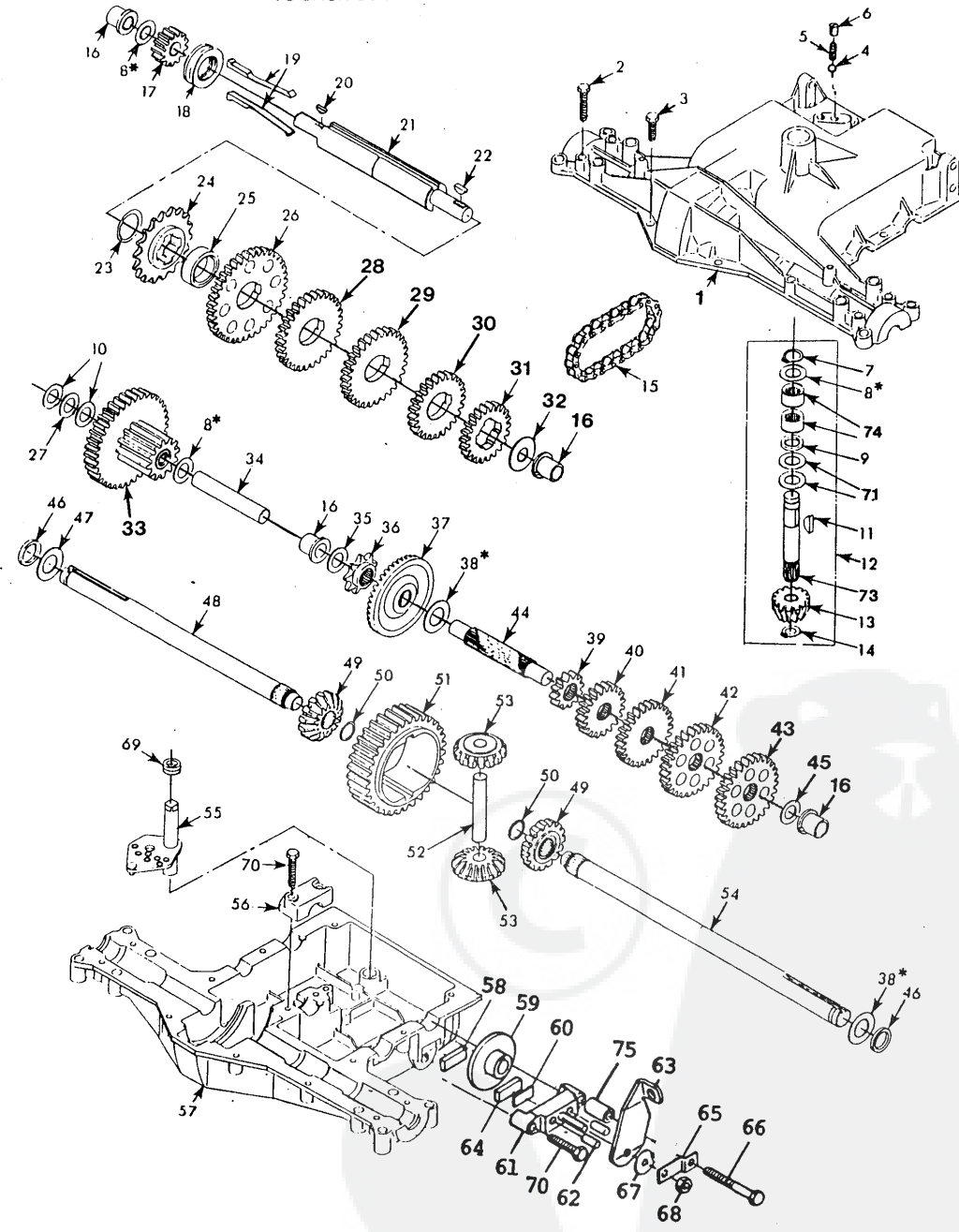


REPAIR PARTS

ROPER YARD TRACTOR--MODEL NUMBER YT120BT TRANSAXLE FOOTE--MODEL NUMBER 4,150-50

TRANSAXLE

ALL REPAIRS MUST BE PERFORMED BY
AN AUTHORIZED FOOTE DEALER. REFER
TO BACK COVER.



REPAIR PARTS

ROPER YARD TRACTOR--MODEL NUMBER YT120BT TRANSAXLE FOOTE--MODEL NUMBER 4150- 50

TRANSAXLE

KEY NO.	PART NO.	DESCRIPTION	PART NO.	PART NO.	DESCRIPTION
1	3655-B	Housing, Upper	37	3853	Gear, Bevel, 42T
2	1360	Screw, Tapping, 1/4-20 x 1.31 Lg.	38	3749	Washer, Plain, .758 x 1.12 x .010
3	3396	Screw, Tapping, 1/4-20 x .875 Lg.	38	3652	Washer, Plain, .758 x 1.12 x .015
4	1151	Ball, Detent	38	3693	Washer, Plain, .758 x 1.12 x .020
5	3626	Spring, Detent	38	3653	Washer, Plain, .758 x 1.12 x .025
6	3623	Screw, Set	38	3408	Washer, Plain, .758 x 1.25 x .020
7	1099	Ring, Retainer	38	3732	Washer, Plain, .758 x 1.25 x .025
8	1441	Washer, Plain, .632 x 1.00 x .020	38	3184	Washer, Plain, .758 x 1.25 x .031
8	1423	Washer, Plain, .632 x 1.00 x .026	38	3733	Washer, Plain, .758 x 1.25 x .035
8	1082	Washer, Plain, .632 x 1.00 x .031	38	3198	Washer, Plain, .758 x 1.25 x .040
8	1424	Washer, Plain, .632 x 1.00 x .036	38	3734	Washer, Plain, .758 x 1.25 x .045
8	1068	Washer, Plain, .632 x 1.00 x .041	38	3735	Washer, Plain, .758 x 1.25 x .050
8	1425	Washer, Plain, .632 x 1.00 x .046	38	3736	Washer, Plain, .758 x 1.25 x .055
8	1358	Washer, Plain, .632 x 1.00 x .050	38	3180	Washer, Plain, .758 x 1.25 x .062
8	1145	Washer, Plain, .632 x 1.00 x .060	39	3646	Gear, Spur, 12T
8	1319	Washer, Plain, .632 x 1.00 x .082	40	3866	Gear, Spur, 20T
9	3312	O-Ring	41	3719	Gear, Spur, 25T
10	1425	Washer, Plain, .632 x 1.00 x .046	42	3868	Gear, Spur, 28T
11	1374	Key, Woodruff, No. 9	43	3683	Gear, Spur, 31T
12	4134	Assembly, Kit, Input Shaft (Inc's. Key No's 7, 8, 9, 11, 13, 14, 73 and 2 each Key No's 71 & 74)	44	3657	Shaft, Drive
			45	1145	Washer, Plain, .640 x 1.00 x .060
13	3590	Pinion Bevel 14T	46	3191	Seal, Felt
14	3624	Ring, Retaining	47	3184	Washer, Plain, .758 x 1.25 x .031
15	3625	Chain, 24 Pitches	48	3846	Axle, L.H.
16	1542	Bearing, Flange	49	3780	Gear, Miter, 15T.
17	3773	Gear, Spur, 14T	50	3656	Ring, Retaining
18	3631	Collar, Clutch	51	3839	Gear, Spur, 32T.
19	3676	Key, Clutch	52	3840	Shaft, Cross
20	1369	Key, Woodruff, No. 3	53	3781	Gear, Miter, 15T.
21	3663	Shaft, Intermediate	54	3845	Axle, R.H.
22	1375	Key, Woodruff, No. 61	55	4192	Assembly, Shifter
23	3627	Ring, Retaining	56	3775	Cap, Support
24	3640	Sprocket, 18T	57	3654-B	Housing, Lower
25	3841	Spacer	58	3757	Puck, Friction
26	3786	Gear, Spur, 37T	59	3276	Disc, Brake
27	3422	Spacer, .630 x 1.00 x .169	60	3758	Spacer
28	3867	Gear, Spur, 30T	61	4280	Jaw, Brake
29	3783	Gear, Spur, 25T	62	3754	Pin, Dowel
30	3869	Gear, Spur, 22T	63	3768	Lever, Actuating
31	3741	Gear, Spur, 19T.	64	3757	Puck, Friction
32	3628	Washer, Plain, .640 x 1.37 x .061	65	3842	Bracket, Anti-Rotation
33	4286	Assembly, Gear, Comb., 12T. & 35T.	66	3771	Screw, Tapping, 5/16 - 18 x 2.25 Lg.
34	3658	Shaft, Idler	67	3760	Washer, Plain .321 x 1.00 x .055
35	1959	Washer, Plain, .631 x 1.00 x .010	68	73810500	Nut, Lock, 5/16 - 24
36	3645	Sprocket, 9T.	69	3789	V-Ring
			70	3724	Screw, Tapping 5/16 - 18 x 1.44 Lg.
			71	3876	Washer, Plain .632 x 1.38 x .046
			72	4300	Grease
			73	----	Input Shaft (Order Key No. 12)
			74	----	Bearing, Needle (Order Key No. 12)
			75	3752	Spacer

*USE IN VARIOUS COMBINATIONS TO MAINTAIN PROPER CLEARANCE.

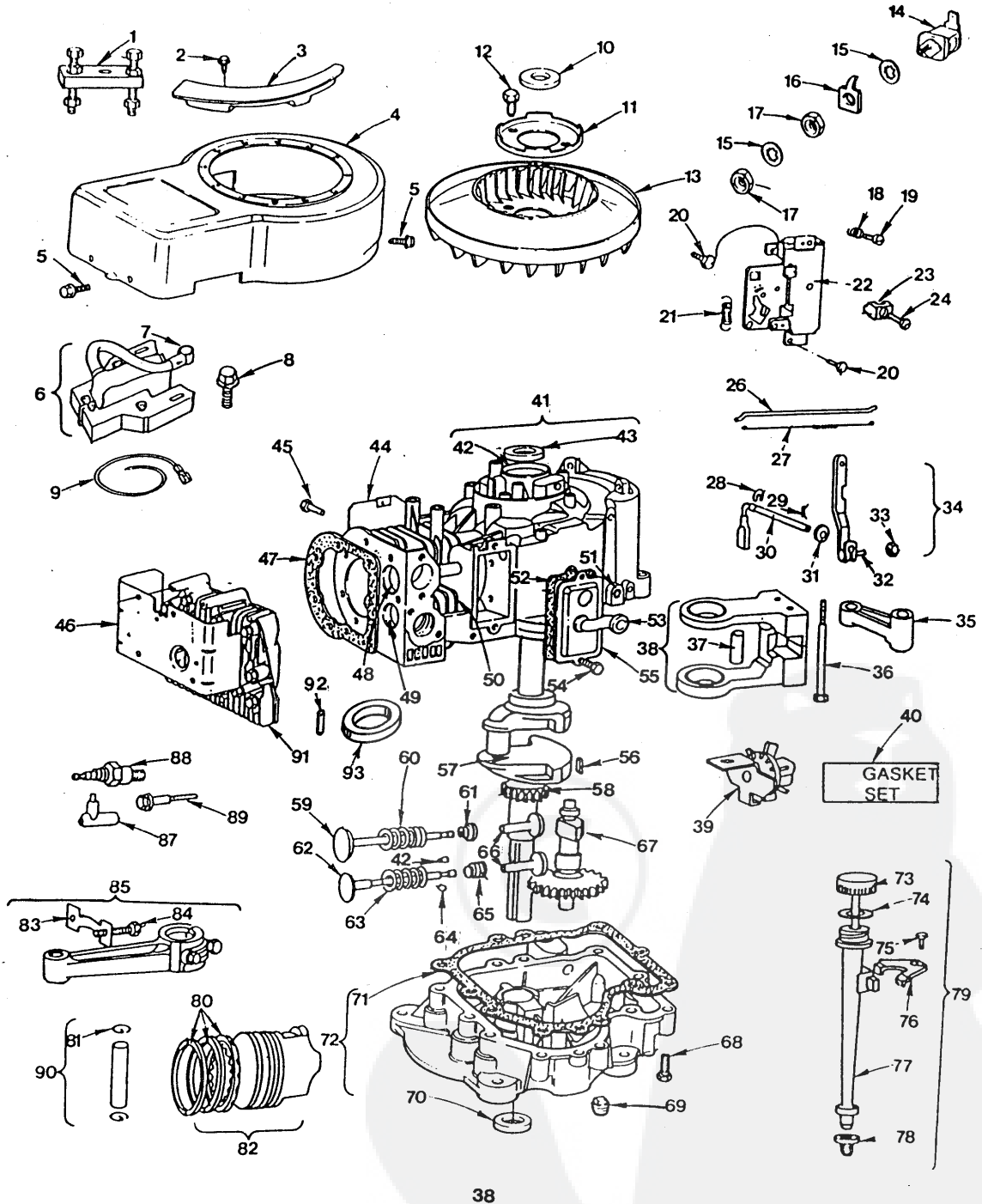
+ NOT SOLD SEPARATELY--ORDER KEY NO. 12

REPAIR PARTS

ROPER YARD TRACTOR--MODEL NUMBER YT120BT

ENGINE BRIGGS & STRATTON--MODEL NUMBER 281707,TYPE NUMBER 0133-01

CYLINDER BLOCK GROUP



REPAIR PARTS

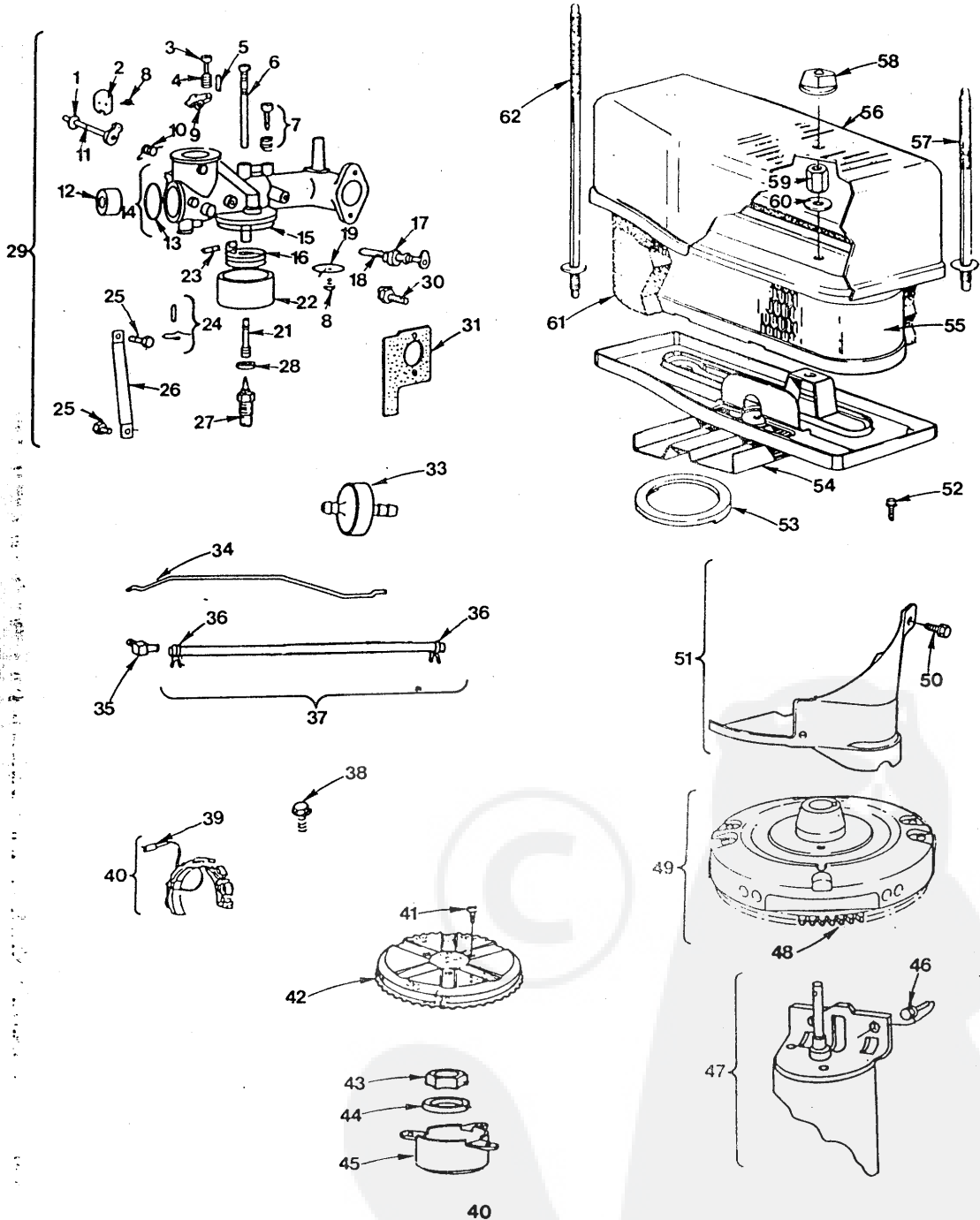
ROPER YARD TRACTOR--MODEL NUMBER YT120BT

ENGINE BRIGGS & STRATTON--MODEL NUMBER 281707, TYPE NUMBER 0133-01

CYLINDER BLOCK GROUP

KEY NO	PART NO.	DESCRIPTION	KEY NO	PART NO.	DESCRIPTION
			52	27803	*Gasket - Valve Cover
1	19203	Pulley - Flywheel	53	280100	Tube - Breather
2	93705	Screw - Sem	54	93394	Screw Sem
3	223752	Guard - Flywheel	55	391406	Breather Assy
4	490689	Housing - Blower	56	222698	Key - Flywheel
5	93158	Screw - Blower Housing Mtg. Sem	57	490466	Crankshaft (NOTE: Order Part No. 94196 for Timing Gear Key)
6	398811	Armature - Magneto (Inc. Key No. 7)			Gear - Timing
7	221798	Terminal - Ignition Cable	58	262135	Valve - Intake
8	93381	Screw - Armature Mounting Sem	59	262247	Spring - Intake Valve
9	398808	Wire - Ground	60	65906	Retainer - Intake Valves
10	231531	Spacer - Clutch	61	221596	Valve - Exhaust
11	223726	Retainer - Fan	62	262246	Spring - Exhaust Valve
12	93535	Screw - Sem	63	26828	Retainer - Exhaust Valve Rotocoil
13	280687	Fan - Flywheel	64	93630	Rotocoil - Exhaust Valve
14	398525	Insulator Assembly	65	292260	Tappet - Valve
15	92791	Washer - Lock, Shakeproof	66	262248	Gear - Cam
16	93722	Terminal - Spade	67	212897	Screw - Base Mtg. Sem
17	90576	Nut - Hex 8-32	68	94305	Plug - Oil Drain
18	26157	Spring - Throttle Adjustment	69	91084	Seal - Oil
19	90200	Screw - Machine Fill. Hd. 8-32 x 1/2"	70	291675	*Gasket - Crankcase Cover 1/64" thick
20	93572	Screw	71	271916	*Gasket - Crankcase Cover .005" thick
21	260695	Spring - Governor			*Gasket - Crankcase Cover .009" thick
22	390784	Plate - Governor Control	71	271997	Base - Engine (Inc. Key No.'s 70 & 71)
23	221535	Clamp - Casing			Cap and Dipstick - Oil Filler
24	93496	Screw - Sem	72	490452	Seal - Oil Filler Cap
26	262348	Link - Governor	73	490327	Screw - Clamp Mtg.
27	260584	Spring - Governor Link	74	270920	Clamp - Oil Filler Tube
28	93307	Retainer - E-Ring	75	93804	Tube - Oil Filler
29	93306	Cotter - Hair Pin	76	223721	Seal - Filler Tube
30	231058	Crank - Governor	77	280741	Fill Group - Oil (Inc. Key No.'s 73, 74, 75, 76, 77, & 78)
31	222450	Washer - Governor Crank	78	68838	Ring Set - Piston - Std.
32	92613	Bolt - Governor lever	79	490474	Ring Set - Piston - .010" O.S.
33	231082	Nut - Hex 10-24	80	394665	Ring Set - Piston - .020" O.S.
34	490927	Lever Assy - Governor (Inc. Key No.'s 32 & 33) (For 1/4" Dia. Crank)	80	391781	Ring Set - Piston - .030" O.S.
35	212359	Link - Counterweight	80	391782	Lock - Piston Pin
36	93875	Screw - Counterweight	80	391783	Piston Assy - Std. (Inc. Key No.'s 80 & 81)
37	298909	Pin - Counterweight	81	260924	Piston Assy - .010" O.S.
38	399891	Counterweight Assy (Inc. Key No. 37)	82	394661	Piston Assy - .020" O.S.
39	490815	Oil Slinger, Governor Gear and Bracket Assy	82	394662	Piston Assy - .030" O.S.
40	490525	Gasket Set	82	394663	Lock - Connecting Rod Screw
41	490450	Cylinder Assy (Inc. Key No.'s 42 & 43)	82	394664	Screw - Connecting Rod
42	261623	+Bearing - Cylinder	83	222299	Rod Assy - Connecting (Inc. Key No.'s 83 & 84) (For Connecting Rod with .020" Undersize Crank Pinbore Order No. 490469)
43	391086	Seal - Oil	84	92909	Elbow - Spark Plug
44	223715	Shield - Cylinder	85	490348	Plug - Spark
45	93163	Screw - Cylinder Shield Mtg. Sem			Screw - Cylinder Head
46	223718	Cover - Cylinder Head	87	66538	Pin Assy - Piston - Std. (Inc. Key No. 81)
47	271866	Gasket - Cylinder Head	88	293918	Pin Assy Piston .005" O.S.
48	261463	+Seat - Intake Valve	89	93723	Head - Cylinder
49	210940	+Seat - Exhaust Valve	90	299691	Pin - Eccentric
50	261961	+Guide - Exhaust Valve			Eccentric
51	231055	NOTE: 231218 Guide - Intake Valve (Brass) Bushings - Governor Crank	90	391286	+ Special Tools Required to Install
			91	213181	*Included in Gasket Set - Part No. 393411
			92	94160	
			93	262243	

REPAIR PARTS
ROPER YARD TRACTOR--MODEL NUMBER YT120BT
ENGINE BRIGGS & STRATTON--MODEL NUMBER 281707, TYPE NUMBER 0133-01
CARBURETOR



REPAIR PARTS

ROPER YARD TRACTOR--MODEL NUMBER YT120BT

ENGINE BRIGGS & STRATTON--MODEL NUMBER 281707, TYPE NUMBER 0133-01

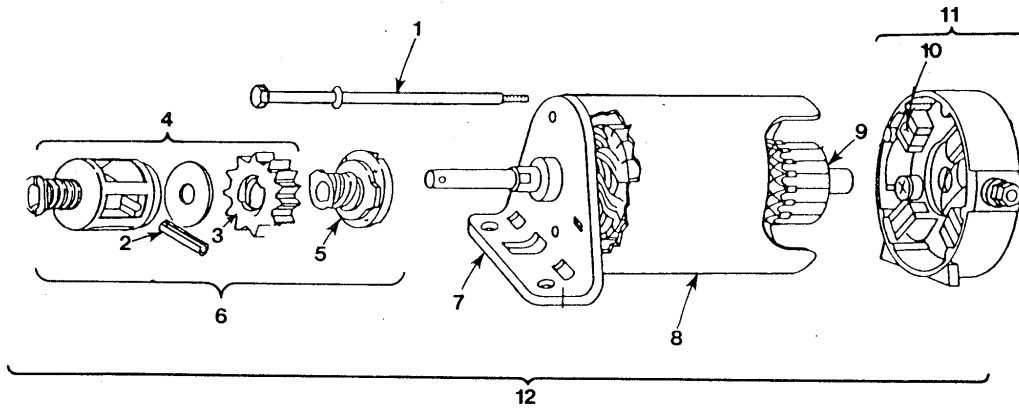
ARBURETOR

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	270382	Washer - Choke Shaft	31	270872	* Gasket - Carburetor Mounting
2	222010	Valve Choke	33	298090	Filter - Fuel
3	91920	Screw - Machine, Fill. Hd. 8 32 x 5/8"	34	261610	Link - Choke
			35	67218	Connector - Fuel Pipe
4	26157	Spring - Throttle Adjustment	36	93053	Clamp - Fuel Pipe
5	93043	Pin - Throttle Shop	37	393815	Line - Fuel (Inc. Key No. 36)
6	299740	+Nozzle - Carburetor	38	93621	Screw - Sem
7	292681	+Valve Assy - Carburetor Idle	39	393814	Diode and Connector Assy
8	93499	Screw - Throttle and Choke Valve Mtg. Sem	40	391529	Stator Assembly - Alternator (Inc. Key No. 39)
9	211712	Stop - Throttle	41	93805	Screw - Sem
0	261116	Spring - Choke Return	42	223713	Screen - Flush Rotating
1	390684	Shaft and Lever - Choke	43	92284	Nut - Hex
2	211960	Venturi - Carburetor	44	220865	Washer - Spring
3	221997	Plug - Welch	45	222561	Cup - Screen Mounting
4	490473	Body Assy Carburetor (Inc. Key No. 13)	46	93535	Screw - Sem
			47	490420	Motor & Drive Assy (Inc. Key No. 46)
5	270511	Gasket - Float Bowl	48	392134	Gear - Ring
6	299707	Float - Carburetor	49	399917	Flywheel and Ring Gear Assy
7	398970	Seal - Throttle Shaft			Magneto (Inc. Key No. 48)
8	491006	Shaft and Lever - Throttle	50	93984	Screw - Sem
9	222433	Valve - Throttle	51	490324	Cover - Starter (Inc. Key No. 50)
1	231323	+Screw - Nozzle	52	94018	Screw - Sem
2	221995	Bowl - Float	53	270853	Gasket - Air Cleaner
3	230896	+ Pin - Float Hinge	54	490332	Body - Air Cleaner
4	394681	+ Valve - Fuel Inlet	55	399806	Cartridge - Air Cleaner
5	93572	Screw	56	223700	Cover - Air Cleaner
6	222311	Bracket - Carburetor	57	94246	Stud - Air Cleaner
7	396568	+Valve - Needle	58	212706	Knob - Air Cleaner
8	222014	+Washer - Float Bowl	59	231532	Nut - Air Cleaner Mtg.
9	491031	Carburetor Assy (Inc. Key No.'s 1,2,3,4,5,6,7,8,&28)	60	94249	Washer - Air Cleaner
0	93357	Screw Carburetor Mtg.	61	271962	Element - Air Cleaner
			62	94248	Stud - Air Cleaner
			...	394698	Carburetor Overhaul Kit

+Included in Carburetor Overhaul Kit - Part No. 394698
 *Included in Gasket Set - Part No. 393411

REPAIR PARTS

ROPER YARD TRACTOR--MODEL NUMBER YT120BT
 ENGINE BRIGGS & STRATTON--MODEL NUMBER 281707, TYPE NUMBER 0133-01
 STARTER - MOTOR



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	94004	Thru Bolt Assembly	7	394857	End Cap Assembly Drive
2	94288	Roll Pin	8	394544	Housing Assembly
3	280104	Gear	9	391160	Armature Assembly
4	490467	Retainer Kit (Inc. Key No.'s 2 & 3)	10	395538	Brush Assembly
5	398003	Clutch Assembly	11	395537	End Cap Assy Commutator (Inc. Key No. 10)
6	490421	Drive Assembly (Inc. Key No.'s 2,3,4,& 5)	12	490420	Motor & Drive Assy (Inc. Key No.'s 1,2,3,4,5,6,7,8,9,10, & 11)