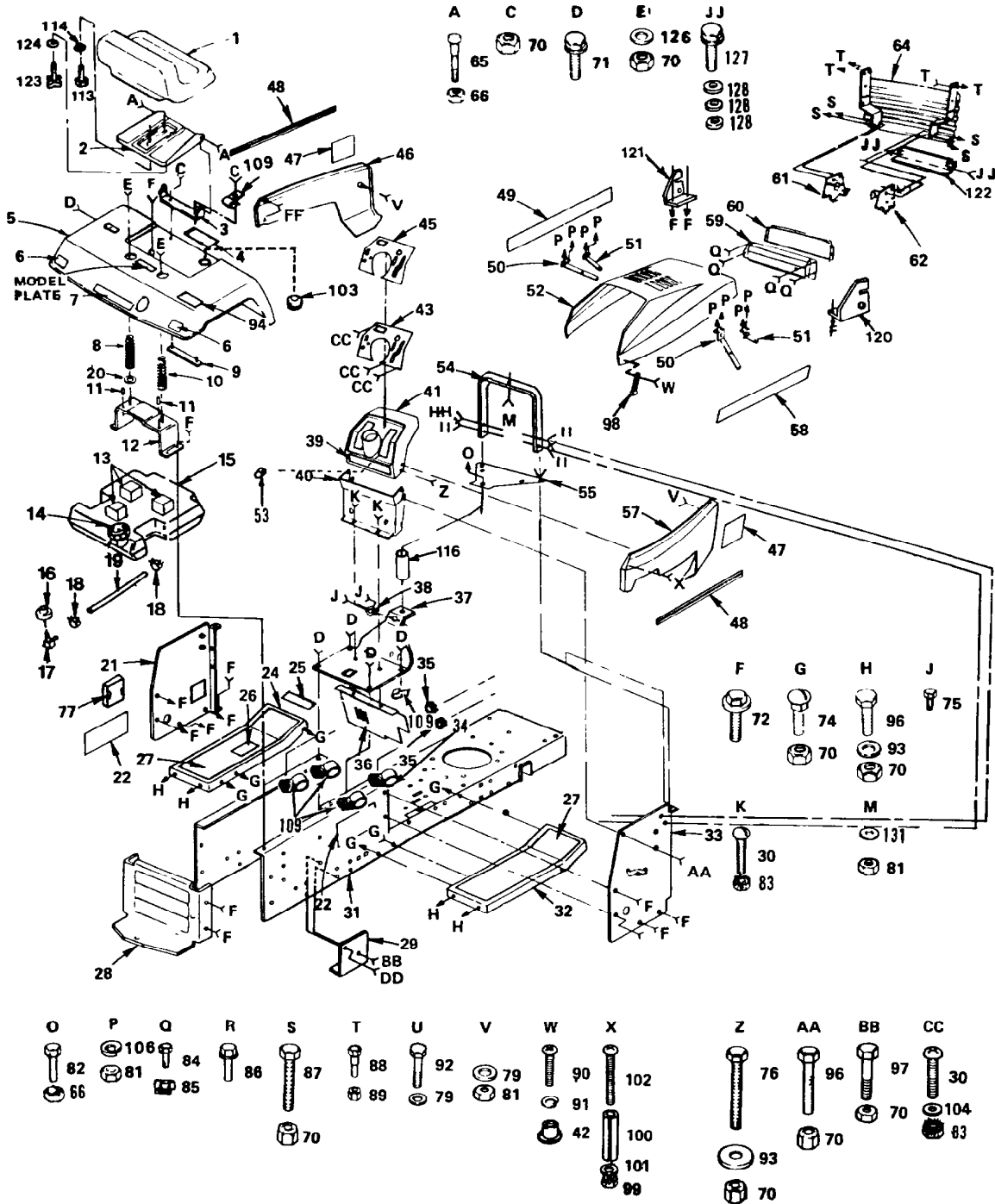


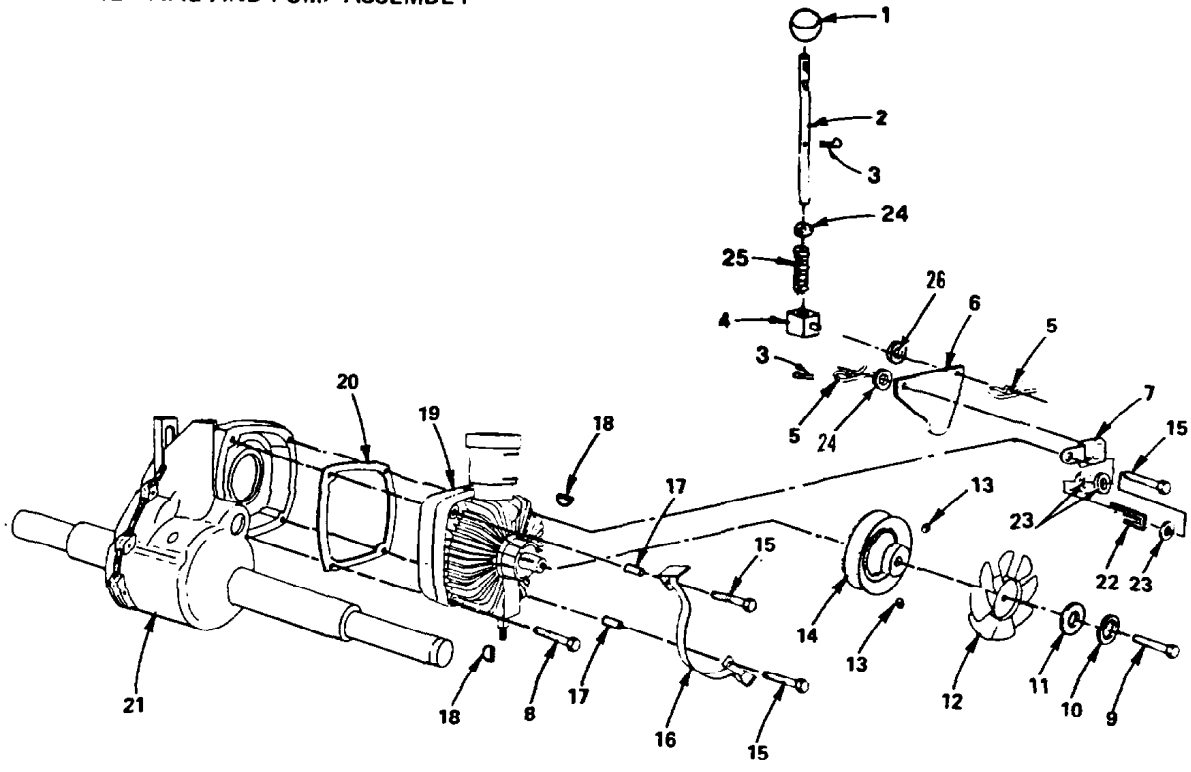
ROPER LT 12 HYDROSTATIC LAWN TRACTOR--MODEL NUMBER LTH120AR CHASSIS AND ENCLOSURES



Ref #	Part Number	Qty	Description
1	110839X		SUB= 140119
2	121069X		SUB= 155925
3	105513X		SUB= 140551
4	106974X		SUB= 133796
5	109593X388		SUB= 121642X417
6	106202X		REFLECTOR-TAIL YT
7	104810X		NLA
8	121068X		SPRING T
9	105511X		SUB= 140675
10	121067X		SPRING T
11	105531X		NUT-PUSH YT
12	105509X		SUB= 137113
13	6431J		PAD-SPACER T
14	109462X		SUB= 158990
15	106020X		SUB= 151346
16	3645J		BUSHING OUTLET T
17	8710J		FUEL TANK STEM GT
18	6999R		SUB= 123487X
19	5277J		SUB= 8543R
20	120609X		SHIM WASHER T
21	105523X		DASH PANEL T
22	104808X		NLA
24	105465X		SUB= 145244X417
25	4900J		DECAL T
26	109069X		NLA
27	109864X		SUB= 108256X
28	102481X		SUB= 145009
29	109219X		DEFLECTOR HYT
30	74180512		SCREW
31	109512X		CHASSIS T
32	105464X		SUB= 145243X417
33	110828X		SUB= 133748
34	5320R		INSUL CLIP T
35	110436X		SUB= 9151R
36	109252X		SHIELD HYT
37	108106X		SADDLE HYT
38	1554J		SUB= 155108
39	108635X		NLA
40	104805X		LOWER DASH
41	108396X		SUB= 121312X
42	2029J		WELDNUT
43	110846X		PLATE - DASH
45	120587X		DECAL - DASH
46	108372X388		SUB= 150302X505
47	120581X		NLA
48	106464X		SUB= 108249X
49	104643X		NLA
50	106784X		SUB= 155013
51	104618X		SUB= 155013
52	108370X388		SUB= 150301X505
53	5479J		PLUG BUTTON T
54	110829X		SUB= 124130X
55	106965X		SUB= 140181
57	108371X388		SUB= 140679X505
58	104644X		NLA
59	104613X		SUB= 147717
60	106395X		LENS LT
61	110855X		SUPPORT LH YTH
62	110854X		SUPPORT RH YTH
64	104628X		GRILL GT

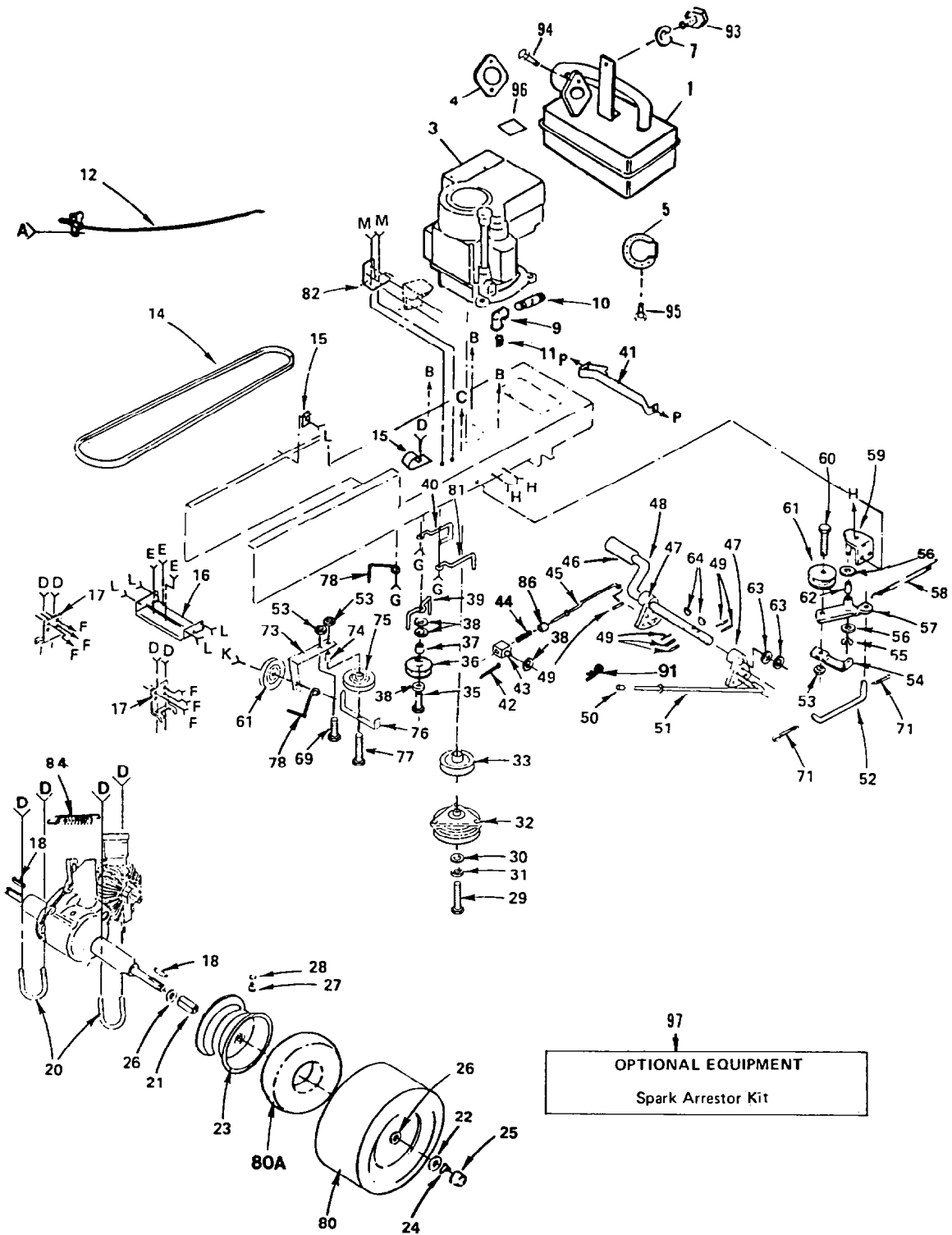
Ref #	Part Number	Qty	Description
64	104628X		GRILL GT
65	105529X		SUB= 139888
66	73680500		SUB= 73690500
70	73680600		SUB= 73690600
71	17490608		SCREW LT
72	17490612		SCREW
74	72140606		BOLT
75	17431008		SUB= 98000165
76	74760616		BOLT
77	105505X		SUB= 121794X
79	19091216		WASHER PM
81	73220400		SUB= 50675
82	74760532		BOLT
83	73510500		NUT
84	17211010		SCREW LT
85	104755X		""""J"" FASTENER LT"
86	17490512		SCREW
88	7605J		BOLT T
89	73680400		SUB= 73690400
90	74191008		SCREW
91	10071000		LOCKWASHER
92	17490412		SCREW HEX CRT
93	19131312		WASHER
94	7178J		DECAL-CAUTION
96	74760612		SUB= 74780612
97	74760610		BOLT
98	109808X		HOOD LATCH T
99	73731000		NUT
100	7206J		SPACER LT
101	19070818		WASHER
102	74981020		SCREW
103	109641X		GROMMET T
104	19111116		WASHER
106	10090400		SUB= 10040400
109	2751R		CLIP T
113	121094X		BOLT T
114	19151616		SUB= 19171616
116	102949X		SPACER-SPLIT YTV
120	110853X		SUPPORT RH YTH
121	110852X		SUPPORT LH YTH
122	104634X		SUB= 105419X388
123	120068X		"KNOB 1/2"" YT"
124	19171912		WASHER
126	19131614		WASHER
127	17190412		SCREW
128	19091216		WASHER PM
131	11050400		LOCKWASHER

**ROPER LT 12 HYDROSTATIC LAWN TRACTOR--MODEL NUMBER LTH120AR
DIFFERENTIAL AND PUMP ASSEMBLY**



Ref #	Part Number	Qty	Description
1	106932X		KNOB T(3/8 HOLE)
2	120345X		ROD YTH
3	76020412		COTTER PIN
4	108212X		TRUNION HYT
5	4921H		SPRING.RETAINER
6	108222X		CONTROL COAST HYT
7	108182X		BRKT ASSEM HYT
8	74760648		BOLT - HEX 3/8 - 16 X 3
9	74760412		BOLT LT
10	10040400		LOCKWASHER
11	19092016		WASHER
12	108833X		FAN HYDRO HYT
13	23200506		SET SCREW
14	108099X		PULLEY HYT
15	74760656		BOLT
16	108085X		KIT CENTERING Y
17	5648R		NLA
18	2898J		KEY T
19	108180X		PUMP HYDRO HYT
20	108179X		GASKET HYDRO HYT
21			REFER TO IMAGE
22	104777X		SUB= 140312
23	19131312		WASHER
24	19131212		WASHER T
25	102670X		SPRING GTV
26	19131614		WASHER

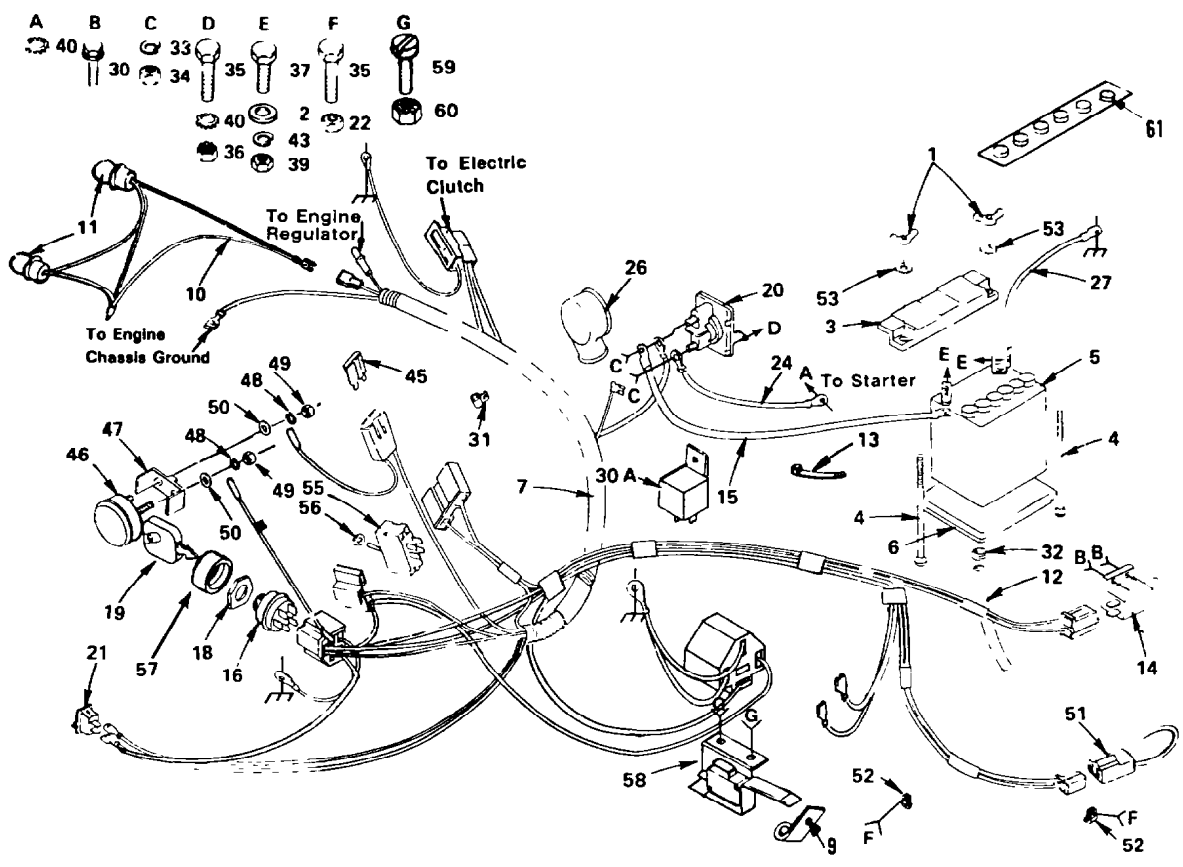
ROPER LT 12 HYDROSTATIC LAWN TRACTOR--MODEL NUMBER LTH120AR DRIVE



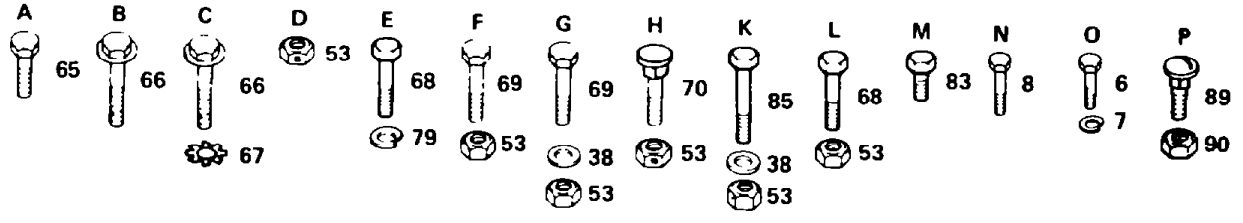
Ref #	Part Number	Qty	Description
1	120330X		MUFFLER LT
3	281707		ENGINE 12 H.P. TYPE 0201-01
4	2949R		SUB= 272293
5	101326L		DEFLECTOR.222573
7	10040400		LOCKWASHER
9	13200300		ELBOW
10	13280336		PIPE NIPPLE LT
11	91084		PLUG OIL DRAIN
12	120583X		SUB= 132764
14	120418X		V BELT T
15	2751R		CLIP T
16	108191X		NLA
17	108094X		BRKT, TRANSAXLE
18	9396E		SQ KEY STD
20	108093X		U-BOLT HYT
21	108097X		SPACER HYT
22	19332616		WASHER T
23	108457X		RIM HYD
24	12000053		E RING HYT
25	104757X		HUB CAP
26	19332416		WASHER
27	65139		VALVE STEM LT
28	59192		VALVE CAP
29	74610764		SUB= 71130768
30	108252X		WASHER T
31	10040700		LOCKWASHER
32	108218X		SUB= 142600
33	109842X		PULLEY YTH
35	74760644		BOLT
36	4859J		SUB= 123674X
37	4470J		SPACER T
38	19131312		WASHER
39	109070X		BELT KEEPER LT
40	120136X		KEEPER BELT HYT
41	109169X		SUB= 109172X
42	76020412		COTTER PIN
43	108212X		TRUNION HYT
44	108661X		SPRING BRAKE HYT
45	121091X		BRAKE ROD HY
46	8883R		PEDAL COVER T
47	106918X		ARM BRAKE LT
48	108096X		SHAFT, FOOT PEDAL
49	1572H		SUB= 2882J
50	71673		PLUNGER CAP T
51	105844X		SUB= 125637X
52	105710X		"LINK, CLUTCH T"
53	73680600		SUB= 73690600
54	106499X		SUB= 123205X
55	12000039		KLIP RING
56	110812X		WASHER LT
57	105705X		SUB= 125829X
58	105709X		"SPRING, RETURN LT"
59	105724X		SUB= 123102X
60	74760624		SUB= 74930624
61	106298X		SUB= 139245
62	105706X		"LY, BEARING"
63	19252016		SUB= 121749X
64	2228M		SUB= 2228M1
69	74760616		BOLT
71	7602041273		No Description for Part

Ref #	Part Number	Qty	Description
71	7602041273		No Description for Part
73	108214X		BRKT IDLER HYT
74	101279K		SPACER SPLIT LTV
75	105307X		IDLER.PULLEY.LT
76	108216X		KEEPER BELT HYT
77	74760648		BOLT - HEX 3/8 - 16 X 3
78	105597X		BELT RETAINER GT
80	106268X		SUB= 122074X
80A	7152J		TUBE.18X9.5-8
81	120443X		BELT KEEPER T
82	108236X		BRACKET LT
84	110422X		SUB= 146682
86	120622X004		No Description for Part
91	4939M		SUB= 85902
93	74780412		SUB= 74780414
94	71070510		SCREW LT
95	17450808		SCREW LT
96	120601X		DECAL.ENG.271967
97	673A223		SCREEN

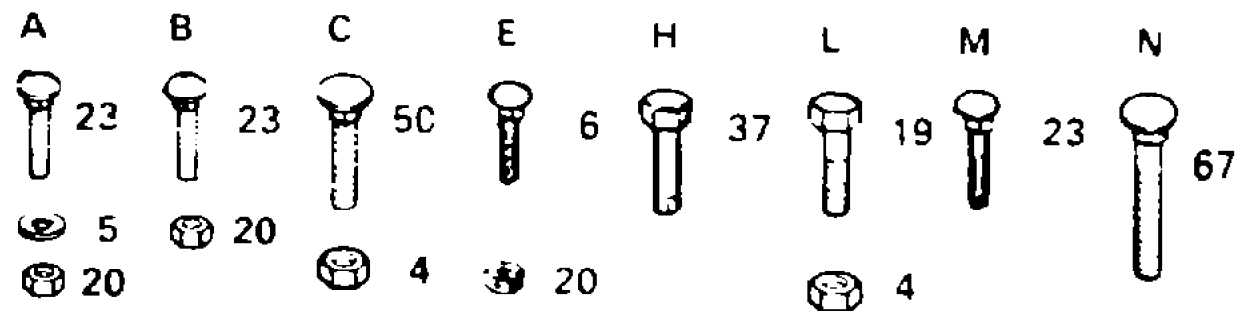
ROPER LT 12 HYDROSTATIC LAWN TRACTOR--MODEL NUMBER LTH120AR ELECTRICAL



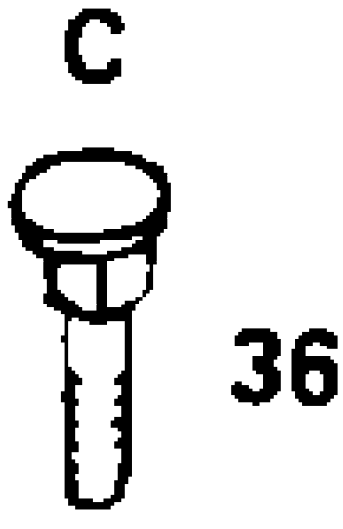
Ref #	Part Number	Qty	Description
1	73490400		SUB= 146525
2	19091016		WASHER
3	102476X		SUB= 150109
4	72240460		BOLT
5	227J		SUB= 123899X
6	7603J		"TRAY T, BATTERY"
7	120584X		HARNESS T
9	4171R		CLIP T
10	110859X		HARNESS T
11	7662J		SUB= 4152J
12	100541K		SUB= 7697J
13	7192J		WIRE TIE
14	104445X		SWITCH-INTER. GT
15	4206J		CABLE-BATTERY T
16	4406R		SUB= STD365402
18	109788X		SUB= 124211X
19	109434X		KEY MOLDED
20	109081X		SUB= 146154
21	110712X		SWITCH LT
22	73680400		SUB= 73690400
24	4206J		CABLE-BATTERY T
26	719J		SUB= 154336
27	4207J		CABLE T
30	17021008		SCREW
30A	109748X		RELAY ASSY T
31	2751R		CLIP T
32	109596X		HOSE CLAMP T
33	10090400		SUB= 10040400
34	73350400		NUT
35	74780408		BOLT
36	73510400		NUT
37	74760412		BOLT LT
39	73220400		SUB= 50675
40	11050400		LOCKWASHER
43	10040400		LOCKWASHER
45	108824X		FUSE HYT
46	9433R		AMMETER T
47	6009J		SUB= 532131708
48	10101000		SUB= 10071000
49	73911000		NUT
50	19070818		WASHER
51	102501X		SUB= 141940
52	235R		CLIPT
53	11030400		LOCKWASHER GT
55	4021J		SWITCH.PTO.T
56	4022J		HEX NUT T
57	109787X		SUB= 147626
58	121064X		SWITCH T
59	74641008		SUB= 71031008
60	73951000		"NUT,KEPS"
61	120353X		BATTERY CAPS
	101539X		SHEET INSTR LT
	120600X		NLA



Ref #	Part Number	Qty	Description
6	74780408		BOLT
7	10040400		LOCKWASHER
8	17210806		SCREW
38	19131312		WASHER
53	73680600		SUB= 73690600
65	17720408		SCREW
66	17490624		SCREW LT
67	11050600		LOCKWASHER
68	74760612		SUB= 74780612
69	74760616		BOLT
70	72140606		BOLT
79	10040600		LOCKWASHER
83	17021008		SCREW
85	74760636		BOLT
89	72140506		BOLT
90	73680500		SUB= 73690500



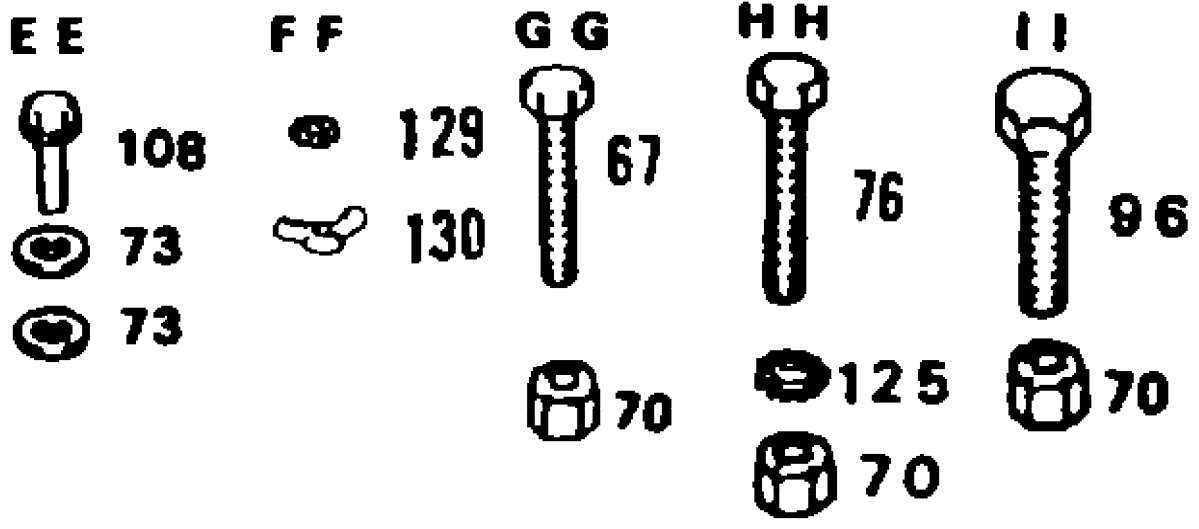
Ref #	Part Number	Qty	Description
4	73680600		SUB= 73690600
5	19111216		WASHER M
6	72140505		BOLT
19	74760612		SUB= 74780612
20	73680500		SUB= 73690500
23	72140506		BOLT
37	17490612		SCREW
50	72140606		BOLT
67	72140610		BOLT.3/8-14X1.25



Ref #	Part Number	Qty	Description
7	73680600		SUB= 73690600
10	105848X		"BOLT, SHOULDER LT"
36	72140606		BOLT

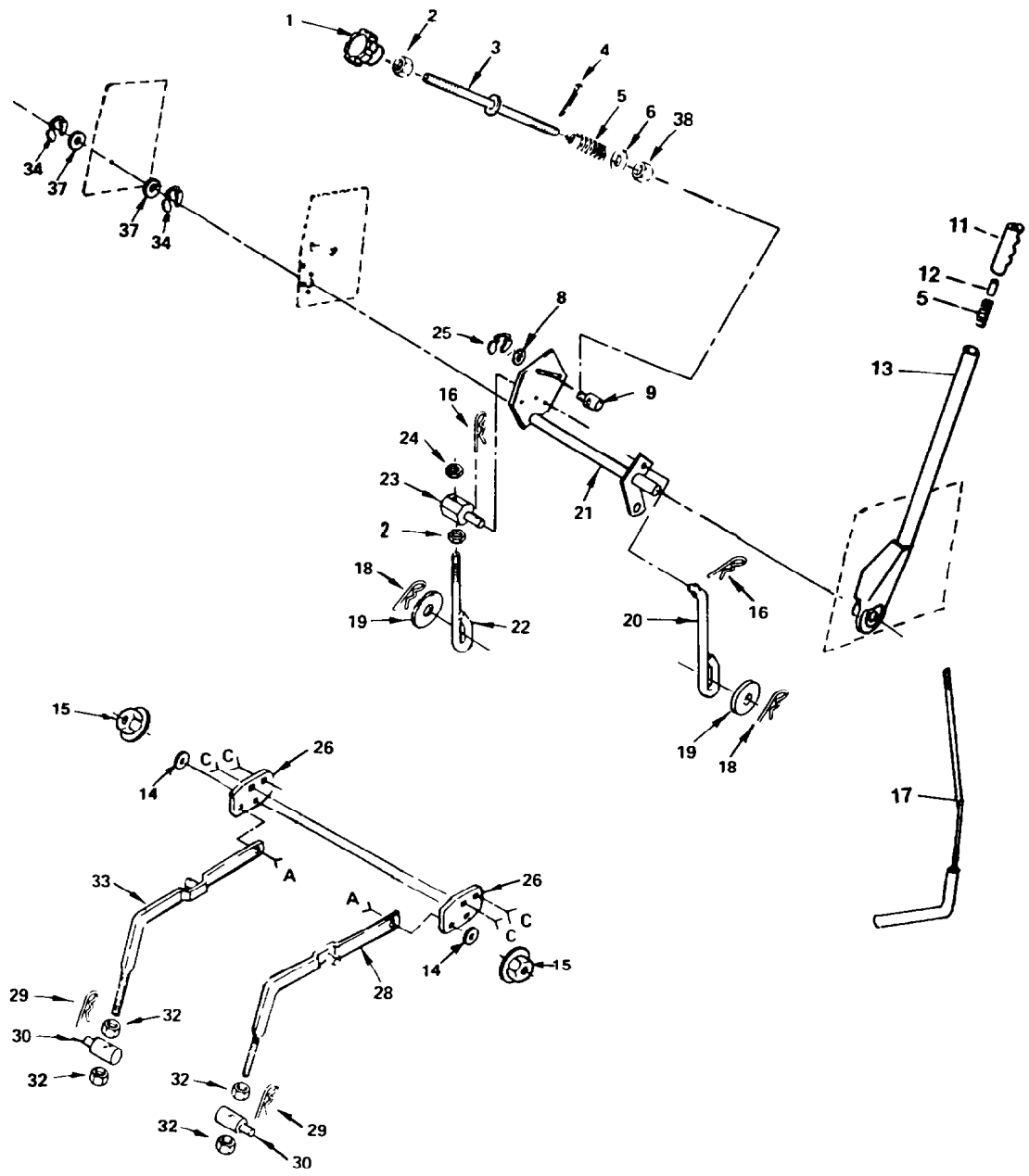


Ref #	Part Number	Qty	Description
31	73680600		SUB= 73690600
33	19131312		WASHER
70	17490612		SCREW
71	17490508		SCREW LT



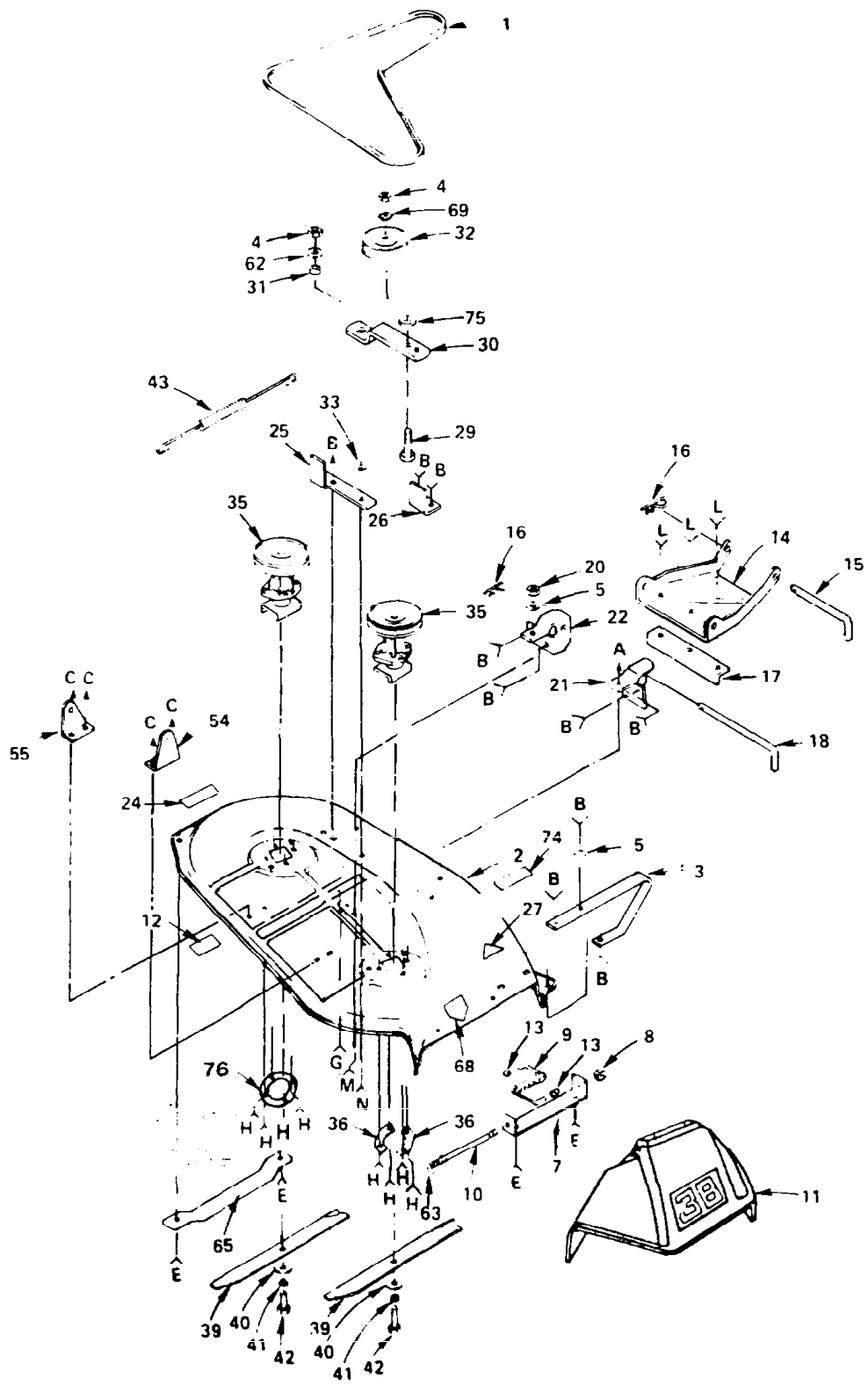
Ref #	Part Number	Qty	Description
67	74760612		SUB= 74780612
70	73680600		SUB= 73690600
73	19132012		WASHER
76	74760616		BOLT
96	74760612		SUB= 74780612
108	17490616		SCREW GTV
125	11050600		LOCKWASHER
129	11030400		LOCKWASHER GT
130	73490400		SUB= 146525

ROPER LT 12 HYDROSTATIC LAWN TRACTOR--MODEL NUMBER LTH120AR
LIFT ADJUSTMENT



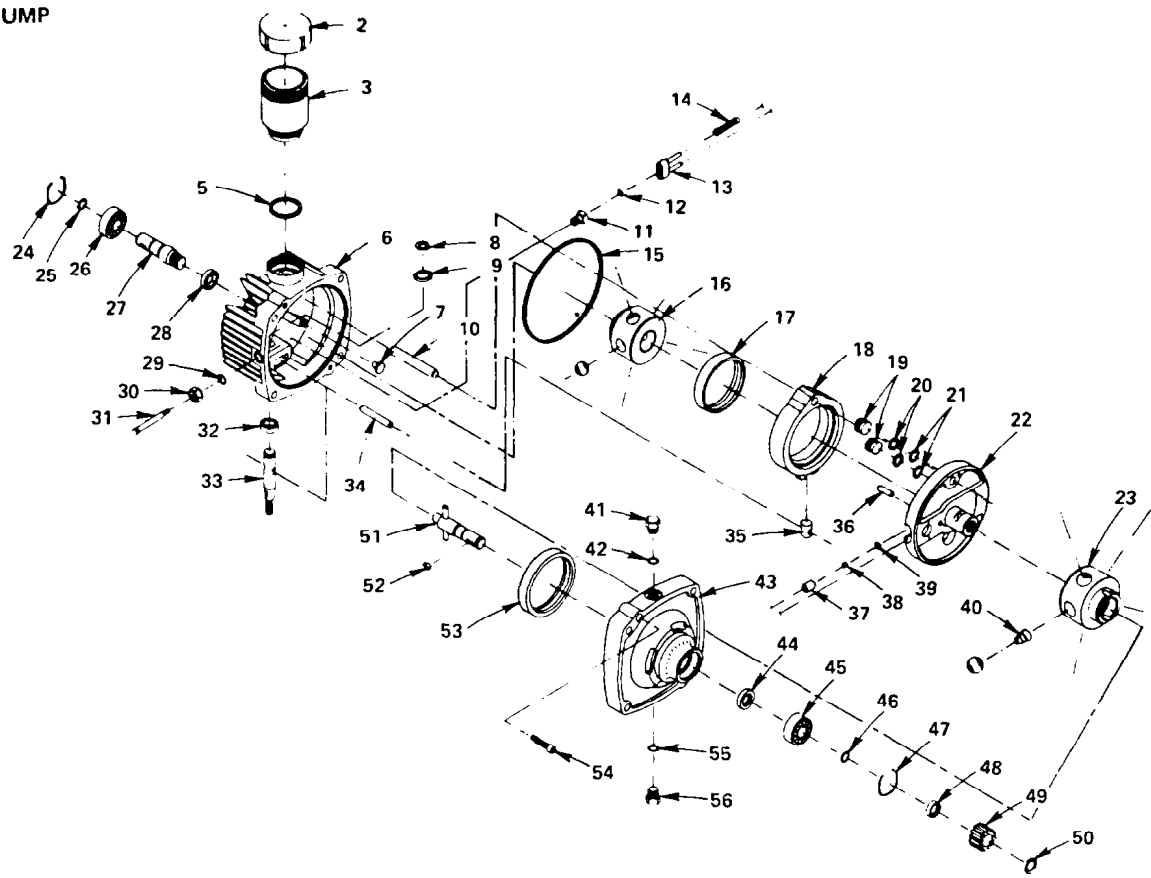
Ref #	Part Number	Qty	Description
1	100734K		SUB= 138057
2	73220600		NUT.HEX.3/8-16UNC
3	110729X		ROD LIFT LT
4	76020308		SUB= 3145
5	2876H		SPRING T
6	19131016		WASHER
7	73680600		SUB= 73690600
8	19151216		WASHER
9	110810X		TRUNION LT
10	105848X		"BOLT, SHOULDER LT"
11	109413X		GRIP
12	105723X		SUB= 125925X
13	121002X		SUB= 123096X
14	110739X		WASHER T
15	73980600		NUT SPECIAL T
16	4939M		SUB= 85902
17	121006X		LEVER ROD LT
18	4921H		SPRING.RETAINER
19	19171516		WASHER T
20	110029X		LIFT LINK LT
21	121031X		SHAFT YTH
22	105855X		LINK LIFT LT
23	106204X		SUB= 132793
24	73680600		SUB= 73690600
25	12000037		KLIP RING
26	105864X		"BRACKET, SUSPE T"
27	106854X		SUB= 121252X
28	105862X		SUB= 121598X
29	9135R		SPRING H
30	106308X		SUB= 130171
32	73220800		NUT
33	105863X		SUB= 121599X
34	12000022		E-RING
35	72140608		SUB= 72110608
36	72140606		BOLT
37	19292016		WASHER
38	110807X		NUT T

**ROPER LT 12 HYDROSTATIC LAWN TRACTOR--MODEL NUMBER LTH120AR
MOWER**



Ref #	Part Number	Qty	Description
1	106085X		BELT-V.79.1.MWR
2	108671X		SUB= 144726
3	8417J		SUB= 128772
4	73680600		SUB= 73690600
5	19111216		WASHER M
7	105896X		SUB= 137607
8	110452X		NUT PUSH M
9	106734X		SUB= 123713X
10	106735X		ROD-HINGE T
11	106736X		DEFLECTOR-SHLD T
12	108682X		NLA
13	105304X		CAP-SLEEVE LT
14	105662X		LINK.PARALLEL
15	105744X		"ROD, FRT. PARAL T"
16	4921H		SPRING.RETAINER
17	105872X		LINK STOP
18	109835X		HINGE PIN T
20	73680500		SUB= 73690500
21	109598X		BRACKET RH LT
22	109597X		BRACKET LH T
24	3713J		DECAL INSTRUCTION CAUTION
25	109503X		SUPPORT ARM T
26	109504X		STOP T
27			REFER TO IMAGE
29	74760632		SUB= 74930632
30	108674X		SUB= 127162X
31	106902X		SPACER RETAINER
32	102403X		IDLER-FLAT T
33	106513X		"WASHER, WEAR LT"
35	105891X		SUB= 121687X
36	100668L		SUPPORT PLATE LT
39	106634X		SUB= 25036
40	19132012		WASHER
41	10030600		SUB= 10040600
42	74610624		BOLT.3/8-24X1-1/2
43	102727X		"SPRING.EXT.8.5""
54	105857X		"BRKT,SUSP RH T"
55	108673X		"BRKT,SUSP REAR LH"
62	106514X		SUB= 106902X
63	19111016		WASHER
65	7631J		RUNNER-LH M
68	78850		SUB= 85463
69	19131316		WASHER
74	106679X		DECAL.WARNING.T
75	19131210		WASHER
76	110445X		SUPPORT T

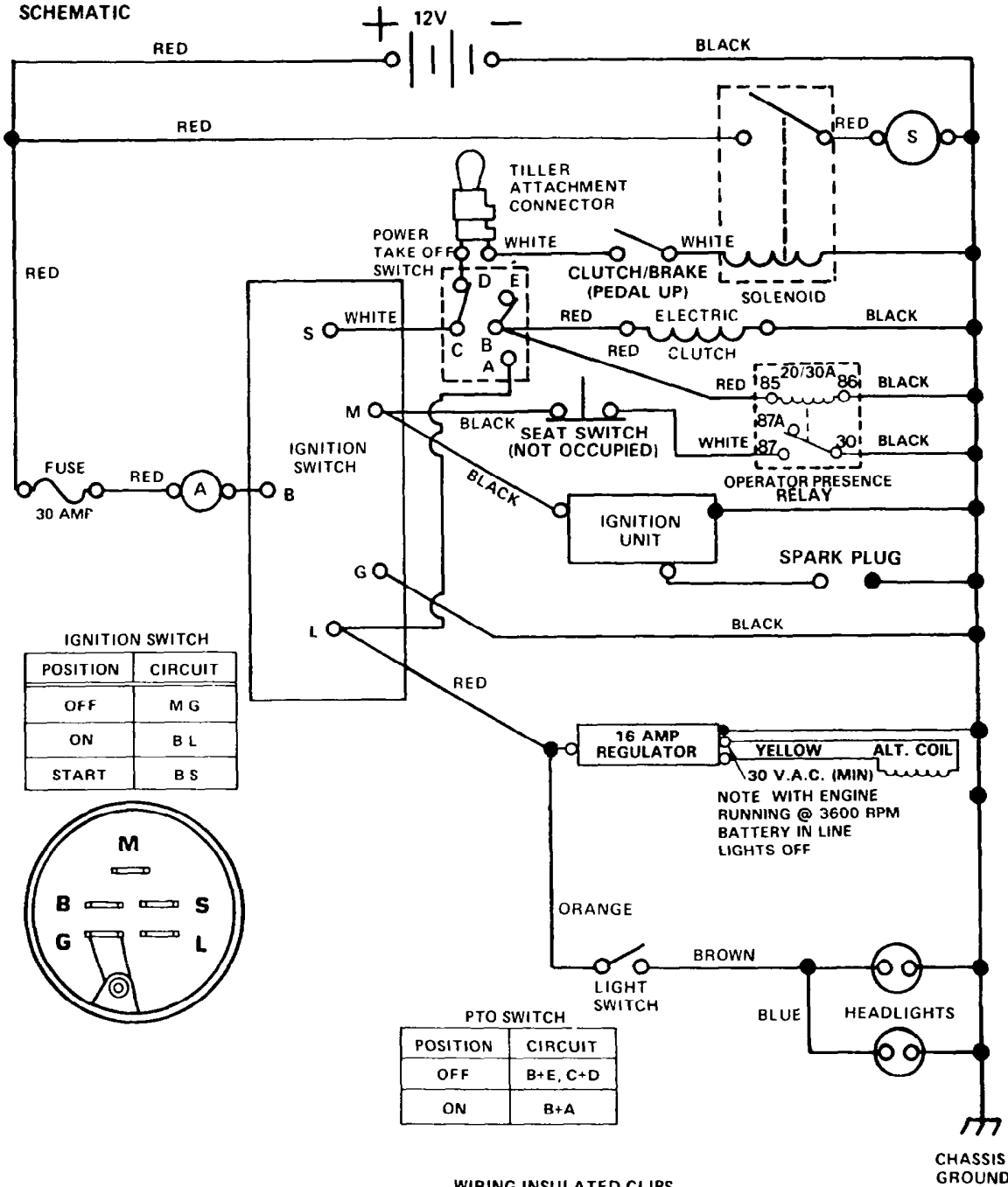
**ROPER LT 12 HYDROSTATIC LAWN TRACTOR--MODEL NUMBER LTH120AR
PUMP**



Ref #	Part Number	Qty	Description
2	108907X		RESERVOIR CVR HYT
3	108908X		RESERVOIR BDY HYT
5	108910X		SEAL RING HYT
6	108911X		COVER
7	108912X		PIN HYT
8	108913X		RETAINING RING
9	108914X		WASHER HYT
10	108915X		NLA
11	108916X		GUIDE FITTING HYT
12	108917X		NLA
13	108918X		NLA
14	108919X		SPRING HYT
15	108920X		SEAL RING HYT
16	108921X		PUMP ROTOR HYT
17	108922X		PUMP RACE HYT
18	108923X		NLA
19	108924X		PISTON HYT
20	108925X		NLA
21	108926X		O RING HYT
22	108927X		PINTLE
23	108928X		NLA
24	108929X		SUB= 108952X
25	108930X		SNAP RING
26	108931X		SUB= 108950X
27	108932X		INPUT SHAFT HYT
28	108933X		SUB= 108949X
29	108934X		O RING HYT
30	108935X		NUT&GASKET AS HYT
31	108936X		SHAFT DUMP HYT
32	108937X		SEAL HYT
33	108938X		CONTROL SHAFT
34	108939X		SUB= 108938X
35	108940X		NLA
36	108941X		NLA
37	108942X		VALVE BODY HYT
38	108943X		"HYT, BALL"
39	108944X		RETAINER RING HYT
40	108945X		SPRING HYT
41	108946X		SUB= 108961X
42	108947X		SUB= 108960X
43	108948X		BODY HYT
44	108949X		SEAL HYT
45	108950X		"HYT, BEARING"
46	108951X		SNAP RING
47	108952X		RETAINER RING HYT
48	108953X		NLA
49	108954X		NLA
50	108955X		RETAINER RING HYT
51	108956X		OUTPUT SHAFT
52	108957X		KEY HYT
53	108958X		MOTOR RACE HYT
54	108959X		CAP SCREW HYT
55	108960X		O RING HYT
56	108961X		PLUG HYT

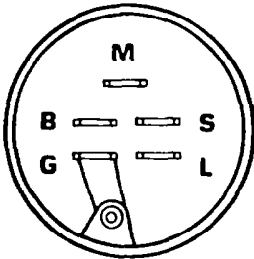
ROPER LT 12 HYDROSTATIC LAWN TRACTOR--MODEL NUMBER LTH120AR

SCHEMATIC



IGNITION SWITCH

POSITION	CIRCUIT
OFF	M G
ON	B L
START	B S



PTO SWITCH

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

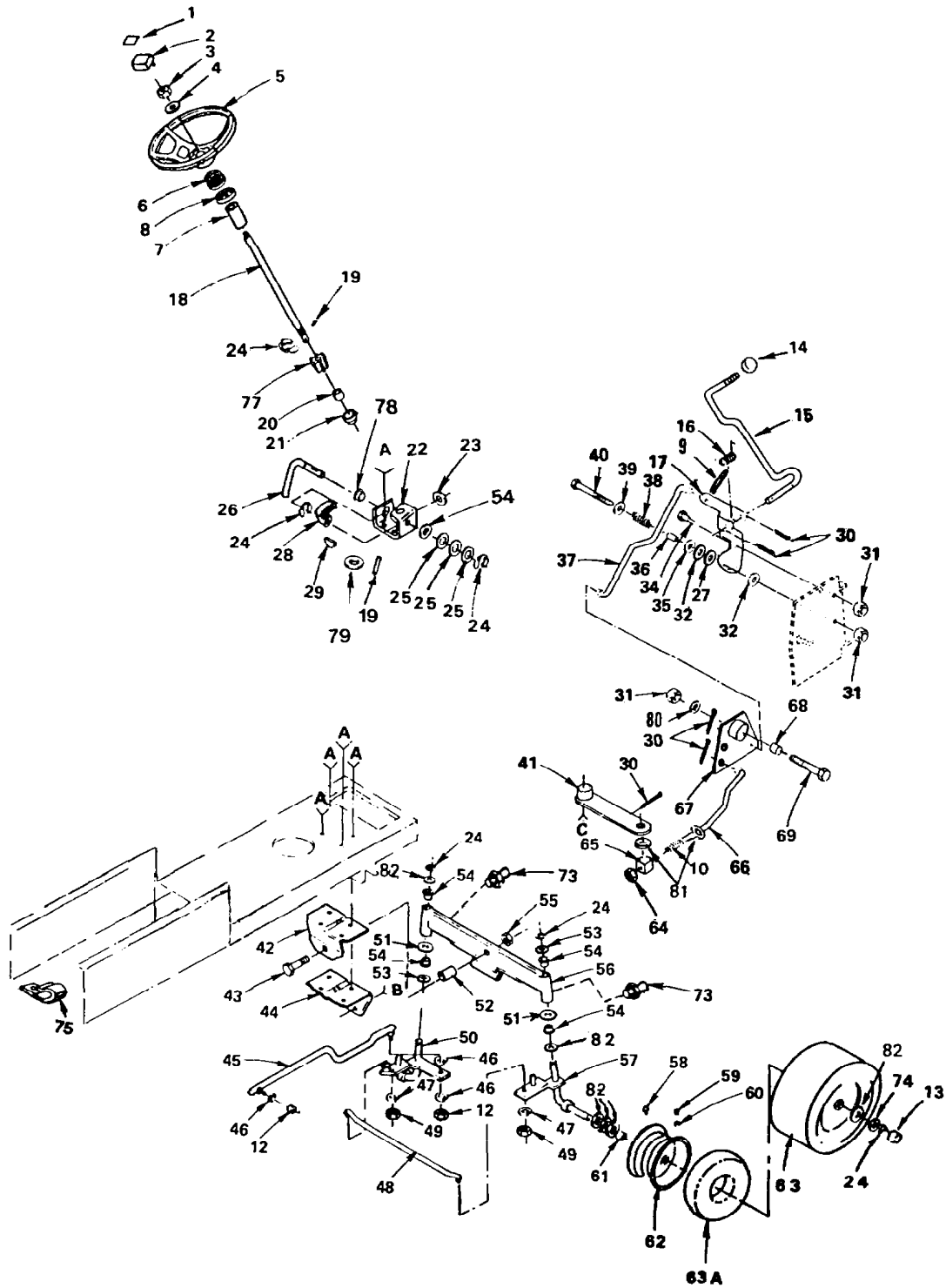
WIRING INSULATED CLIPS

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

- Removable Connectors
- Non-removable connections

Ref #	Part Number	Qty	Description
			REFER TO IMAGE

ROPER LT 12 HYDROSTATIC LAWN TRACTOR--MODEL NUMBER LTH120AR
STEERING ASSEMBLY

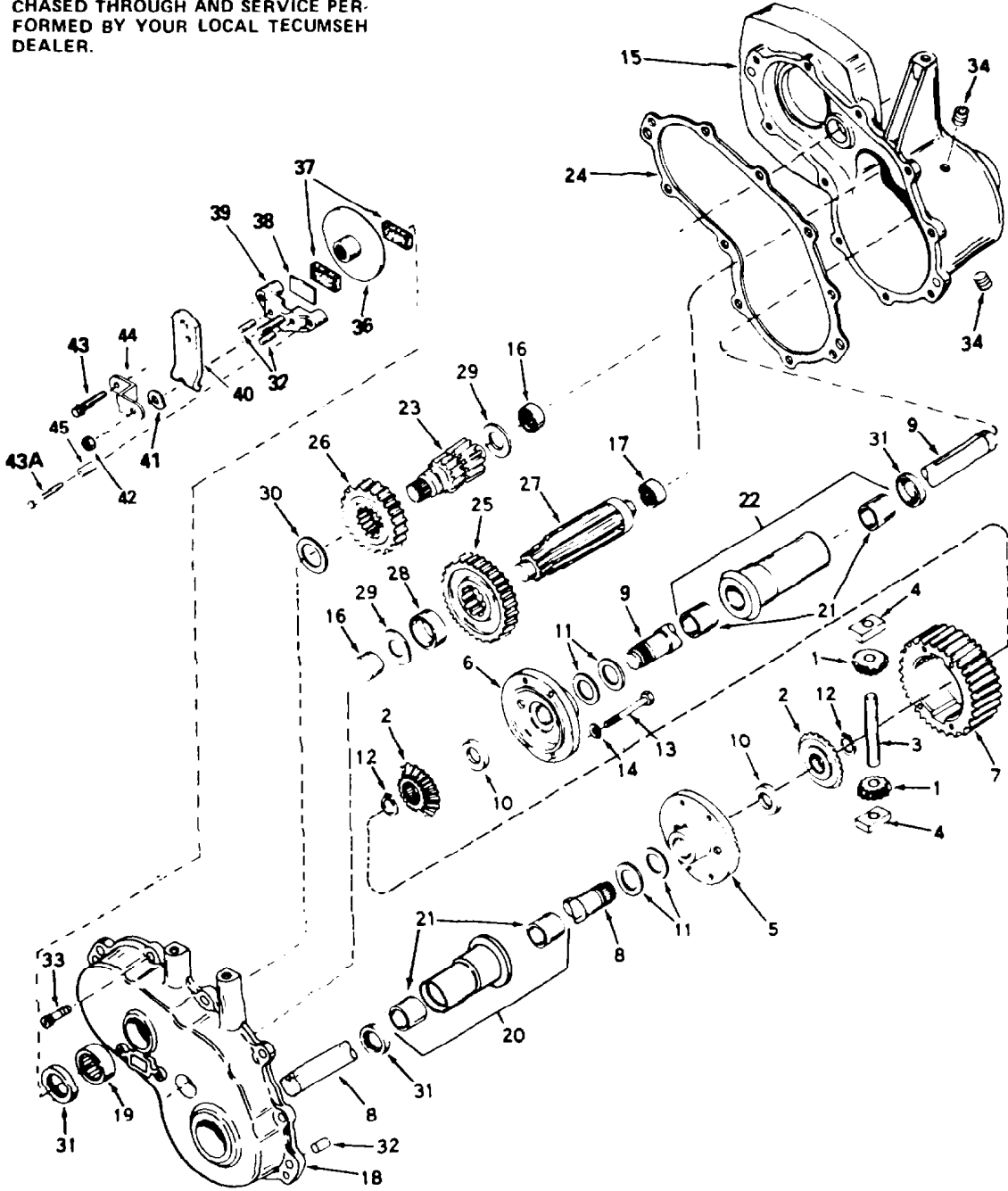


Ref #	Part Number	Qty	Description
1	104590X		DECAL - STEERING WHEEL
2	100710L		INSERT-WHEEL LT
3	73360800		NUT
4	100712K		WASHER
5	100713N		SUB= 150547
6	100711L		ADAPTER LT
7	106945X		TUBE YT
8	106943X		SPACER LT
9	4921H		SPRING.RETAINER
10	102670X		SPRING GTV
13	104757X		HUB CAP
14	106933X		KNOB T (1/2-HOLE)
15	110845X		ROD.YTH
16	108194X		NLA
17	108196X		BRKT CONTROL HYT
18	109557X		STEERING SHAFT T
19	2882J		DRIVE PIN
20	74580		SHAFT SPACER LT
21	71208		BUSHING
22	109432X		SUB= 110150X
23	19212016		WASHER D
24	12000029		RING
25	6266H		WASHER .T
26	108683X		ROD STEERING T
27	108672X		SUB= 144726
28	108684X		GEAR.SECTOR.HYT
29	106126X		KEY-WOODRUFF LT
30	76020412		COTTER PIN
31	73680600		SUB= 73690600
32	108200X		WASHER FRIC HYT
34	108518X		BOLT HYT
35	19212016		WASHER D
36	108201X		SPACER HYT
37	108397X		LINK CONTROL HY
38	108844X		SPRING HYT
39	19132012		WASHER
40	74760648		BOLT - HEX 3/8 - 16 X 3
41	108209X		ARM ASSEM HYT
42	105663X		SUPPORT-SADDL T
43	74761060		BOLT LT
44	105664X		SUPPORT.SADDLE.FT
45	105727X		LINK-DRAG LT
46	10040600		LOCKWASHER
47	10040500		LOCKWASHER
48	108110X		ROD TIE HYT
49	73610500		NUT
50	105655X		SPINDLE LH YT
51	19272016		WASHER
52	110438X		BEARING
53	6266H		WASHER .T
54	3366R		COL. SRTG. BEAR.
55	73901000		"NUT-LOC,FLANGE LT"
56	108075X		FRONT AXLE
57	105653X		SUB= 130897
58	278H		FITTING LT
59	65139		VALVE STEM LT
60	59192		VALVE CAP
61	9040H		"FLANGE, BEARING"
62	106732X		SUB= 106732X417
63	106222X		SUB= 122073X

Ref #	Part Number	Qty	Description
63	106222X		SUB= 122073X
63A	59904		TUBE.5.3/4.5/6
64	73350600		NUT
65	108212X		TRUNION HYT
66	120131X		NLA
67	108205X		"HYT, BELLCRANK"
68	108198X		SPACER HYT
69	74760624		SUB= 74930624
73	6855M		ZERK M
74	19252616		SUB= 121748X
75	5320R		INSUL CLIP T
77	108685X		GEAR PINION T
78	109816X		NYLINER T
79	109816X		NYLINER T
79	101930X		WASHER YTV
80	19131316		WASHER
81	19131212		WASHER T

**ROPER LT 12 HYDROSTATIC LAWN TRACTOR--MODEL NUMBER LTH120AR
TRANSAXLE**

ALL TRANSAXLE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL TECUMSEH DEALER.



Ref #	Part Number	Qty	Description
1	778197		PINION, 10T
2	778198		GEAR BEVEL
3	786019		PIN DRIVE
4	786027		BLOCK DRIVE
5	774028A		CARRIER, DIFFERENTIAL
6	774029A		CARRIER, DIFFERENTIAL
7	778033A		GEAR, RING
8	774526		AXLE
9	774527		AXLE
10	780107		WASHER
11	780042		WASHER THRUST
12	792018		RING STRAP
13	792020		SCREW, 1/4-20 X 2-1/4
14	792006		WASHER LOCK 1/4
15	770052		CASE ASSY
16	780013		BEARING, NEEDLE
17	780088		BEARING, NEEDLE
18	772085		COVER ASSY
19	780089		BEARING, NEEDLE
20	782041A		HOUSING & BUSHING ASSY
21	780054		BUSHING
22	782042A		HOUSING & BUSHING ASSY
23	776207		SHAFT, BRAKE
24	788044		GASKET
25	778036		GEAR, OUTPUT
26	778083		GEAR, IDLER
27	778041		SHAFT, OUTPUT
28	786017		SPACER
29	780001		WASHER
30	780090		WASHER, THRUST
31	788008		SEAL, OIL
32	786026		PIN DOWEL
33	792046		SCREW
34	792122		PLUG
36	790027		DISK, BRAKE
37	790006		PAD BRAKE
38	790007		PLATE BRAKE PAD
39	790025		HOLDER BRAKE PAD
40	790017		LEVER, BRAKE
41	792076		WASHER, FLAT
42	792075		LOCKNUT 5/16-24
43	792073		SCREW, 1/4-20 X 1-1/4
43A	792085		SCREW FLNG HEX 1/4-20 X 2-1/4
44	786086		BRKT BRAKE LEVER
45	786066		SPACER