

# MASTER PARTS MANUAL

## GARDEN TRACTORS

### MODELS:

T82251R0  
T02251R0  
T32241R4  
T32341R0  
T62241R3  
T63241R5  
T63361R0  
T63361R1  
T93261R0

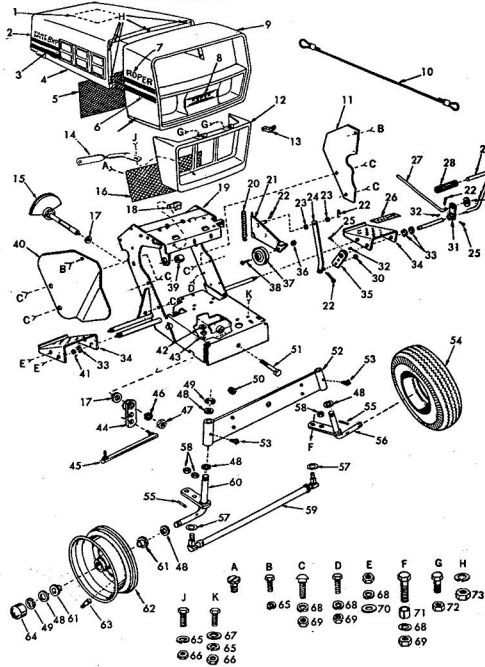
LAWN AND GARDEN  
POWER EQUIPMENT

**ROPER** SALES

1905 WEST COURT STREET  
KANKAKEE, ILLINOIS 60901

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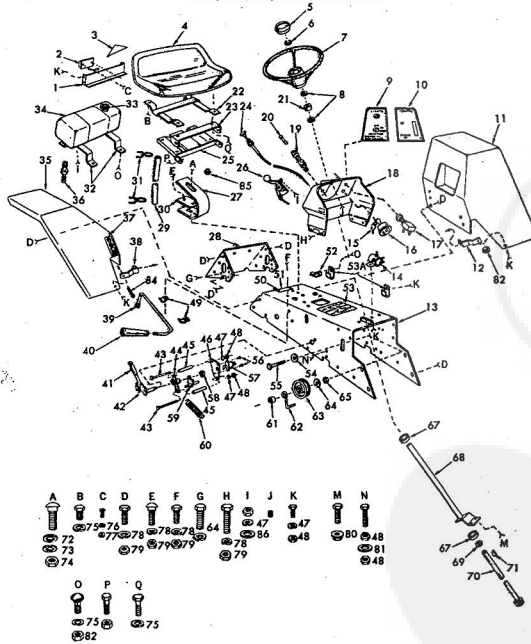
repair parts ROPER RT-8 GARDEN TRACTOR- HOOD, GRILL & FRONT FRAME



ROPER RT-8 GARDEN TRACTOR- HOOD, GRILL & FRONT FRAME

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	4821R	Decal	40	8212H	Belt Guard
2	6966R	Decal (8 Speed 8 H.P.)	41	1549P	Washer 41/64 x 1/2 Co.
3	7000R	Hood & Grill Strip	42	1506P	Washer 9/32 x 5/8 x 16 Co.
4	636A39I	Hood Assembly	43	6842M	Grease Fitting
5	3831R	Grill Screen-Upper	44	626A254	Steering Arm Assembly
6	7001R	Hood & Grill Strip	45	6137H	Steering Link
7	6956R	Grill Decal	46	1544P	Washer 15/32 x 15/16 x 16 Co.
8	6955R	Lower Decal	47	7762H	Lock Nut 7/16-14 UNC
9	3821R	Grill-Upper	48	1552P	Washer 49/64 x 1/2 x 16 Co.
10	6654R	Grill Cable	49	3006P	E-Ring
11	846R	Tie Plate Cover	50	6764H	Hydlock Nut 5/8-11 UNC
12	4332R	Grill Base	51	3217P	Hex Bolt 5/8-11 x 3/8
13	4171R	Insulated Clip (For Hood Light Wires)	52	626A244	Roller Bar (Front Axle) Assembly
14	5571R	Grill Brace	53	6855H	Grease Fitting
15	626A253	Intermediate Shaft Assembly	54	4410R	Front Tire-Tubeless
16	3294R	Grill Screen-Base	55	5142H	Roll Pin
17	9002H	Thrust Washer	56	626A193	King Pin Assembly-L.H.
18	2231R	Clip-Fuel Line	57	2315R	Hidden Washer
19	626A348	Engine Mount and Tie Plate Assembly	58	7810H	Griggs Centerlock Nut 3/8-24
20	3100H	Idler Spring	59	816R	Tie Rod-Adjustable
21	626A241	Idler Bracket Assembly	60	626A194	King Pin Assembly-R.H.
22	2250P	Center Pin 1/8 x 1/2	61	9040H	Flanged Bearing
23	1533P	Washer 13/32 x 13/16 x 11 Co.	62	3941R	Front Wheel
24	626A195	Clutch Rod Assembly	64	2118R	Dust Cap
25	4301P	Set Screw, Sq. Hd. 3/16-18 x 1/2	65	1007P	Lockwasher 5/16
26	1064R	Clutch	66	504P	Hex Nut 5/16-18
27	8811H	Brake Rod-Front	67	1537P	Washer 11/32 x 11/16 x 16 Co.
28	1154H	Idler Bracket	68	1004P	Lockwasher 3/8
29	1793R	Foot Pedal Shaft	69	501P	Hex Nut 3/8-16
30	1513P	Washer 13/32 x 13/16 x 16 Co.	70	1554P	Washer 13/32 x 7/8 x 14 Co.
31	626A33A	Brake Arm Assembly	71	3204R	Bushing
32	9658M1	Woodruff Key 3/16 x 5/8	72	1603H	Lock Nut 1/2-20 UNC
33	5011P	Pin	73	5035P	Hex Nut 1/2-20 UNC
34	8172H	Foot Rest	A	3554P	Phillips Pan Hd. Thread Cutting Screw No. 10-16 H.T. Thd. x 1/2
35	626A31A	Steering Arm Assembly	B	3010P	Hex Bolt 5/16-18 x 1
36	548P	Hex Jam Locknut 3/8-24	C	8P	Carriage Bolt 3/8-16 x 1
37	1342R	Idler Pulley	D	3022P	Hex Bolt 3/8-16 x 1
38	1345R	Idler Stud	E	501P	Hex Nut 3/8-16
39	8094H	Bearing	F	3028P	Hex Bolt 3/8-16 x 1 1/2
			G	3031P	Hex Bolt 3/8-16 x 1 1/4
			H	1002P	Lockwasher 1/2
			I	3010P	Hex Bolt 5/16-18 x 1/2
			J	3012P	Hex Bolt 5/16-18 x 3/4
			K	6064R	Owners Manual

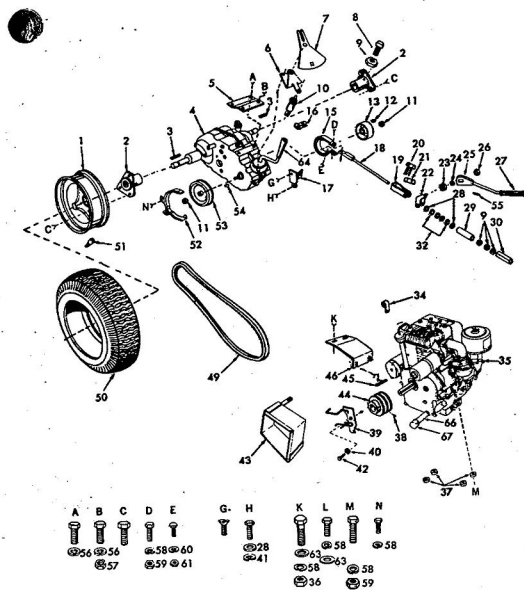
ROPER RT-8 GARDEN TRACTOR- SEAT, FENDERS, DASH & REAR FRAME



ROPER RT-8 GARDEN TRACTOR SEAT, FENDERS, DASH & REAR FRAME

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	3625R	Tail Light Bracket	54	1544P	Washer 15/32 x 59/64 x 16 Co.
2	4063R	Tail Light	55	3197P	Hex Bolt 7/16-14 x 3/4
3	3299R	Safety Std. Sticker	56	5501P	Pin Hd. Phillips Thrd. Cutting Screw Type 1 No. 10-24 x 3/8
4	4987R	Seat	57	2256R	Adjustment Safety Switch
5	3000P	E-Ring	58	7810H	Griggs Centerlock Nut 3/8-24
6	6561R	Steering Wheel	59	626A348	Clutch Lever Stop Weldment
7	9007H	Cap	60	2255R	Clutch Return Spring
8	3819R	Dash Panel L.H.	61	8209H	Idler Spacer
9	3818R	Dash Panel R.H.	62	6479H1	Belt Guide Finger
10	626A397	Fender and Insert L.H.	63	6633P	Flat Idler
11	4164R	Fender Bracket L.H.	64	1001P	Lockwasher 7/16
12	6405R	Chassis Channel	65	500P	Hex Nut 7/16-14
13	103R	Solenoid	67	4437H	Steering Bushing
14	7252H	Key Set	68	626A109	Steering Column Assembly
15	2210R	Ignition and Starter Switch	69	1552P	Washer 47/64 x 1/2 x 16 Co.
16	7251H	Light Switch	70	626A79	Steering Shaft Assembly
17	2213R	Dashboard less Panels	71	9658M1	Woodruff Key
18	2211R	Fuse Holder	72	1560P	Washer 17/32 x 11-11 Co.
19	2212R	Fuse 15 amp.	73	1006P	Lockwasher 1/2
20	5949H	Rubber Bushing	74	503P	Hex Nut 3/8-16
21	626A332	Seat Bracket Weldment	75	1007P	Lockwasher 5/16
22	2663R	Bracket Seat Pivot	76	1006P	Lockwasher No. 2
23	626A333	Seat Plate	77	503P	Hex Nut 3/8-16
24	626A333	Seat Plate	78	1004P	Lockwasher 3/8
25	6392R	Throttle Control	79	501P	Hex Nut 3/8-16
26	6393R	Seat Spring	80	8679H	Flange Locknut
27	6394R	Drawer and Weldments	81	1405P	Internal Tooth Lockwasher
28	634A101	Fuel Line	82	504P	Hex Nut 5/16-18
29	3566R	Fuel Line	83	5744H	Locknut 1/2-20
30	8141H	Seat Spring Reinforcement	84	2511P	Carriage Bolt 1/2-16 x 1
31	9772H	Fuel Line Clip	85	5404R	Recessed Bumper
32	6407R	Bracket Fuel Tank	86	1506P	Washer 9/32 x 5/8 x 16 Co.
33	6355R	Fuel Gauge	A	25P	Hex Bolt 3/8-16 x 1 1/2
34	6277R	Fuel Tank	B	3009P	Hex Bolt 3/8-16 x 1 1/8
35	626A395	Fender and Insert R.H.	C	3073P	Sloped, Texas Hd. Nuts, Screw No. 10-24 x 1/2
36	8100R	Fender Bracket R.H.	D	3072P	Hex Bolt 3/8-16 x 1 1/8
37	8101R	Shift Rod	E	8P	Carriage Bolt 3/8-16 x 1
38	4165R	Shift Rod	F	3072P	Hex Bolt 3/8-16 x 1 1/8
39	4672H	Control Knob	G	3035P	Hex Bolt 7/16-14 x 1 1/4
40	4462R	Hand Grip	H	3072P	Hex Bolt 3/8-16 x 1 1/8
41	4279H	Hand Grip	I	503P	Hex Nut 3/8-16
42	626A347	Clutch Lever Weldment	J	4502P	Hex Socket Hdless. Set Screw 5/16-18 x 5/16 Nylock
43	3254P	Hex Bolt 1/2-20 x 3/8	K	3114P	Hex Bolt 1/2-20 x 1/2
44	626A345	Clutch Hd. Weldment	L	3022P	Hex Bolt 3/8-16 x 1 H.T.
45	2215R	Spacer	M	3035P	Hex Bolt 5/16-18 x 1 1/4
46	2218R	Lockwasher 1/2	N	1535P	Carriage Bolt 5/16-18 x 1/2
47	503P	Hex Nut 3/8-16	O	16P	Hex Bolt 3/8-16 x 7/8
48	6402H	Shift Rod Bracket	Q	3010P	Hex Bolt 5/16-18 x 1/2
49	9521H	Drive Rivet			
50	9522H	Model Number Plate			
51	2521R	Insulated Clip			
52	6365R	Shift Pattern Plate			
53	2751R	Clip-Fuel Line			

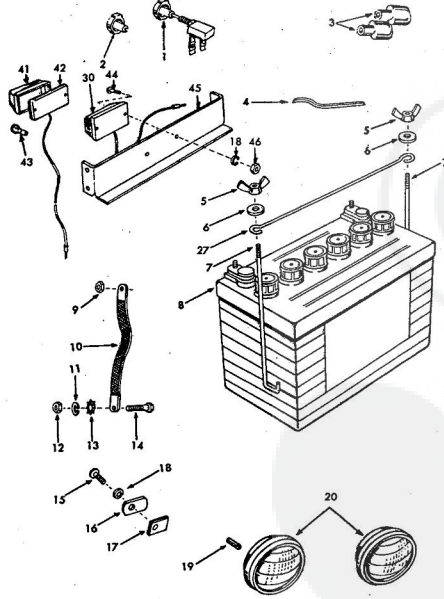
ROPER RT-8 GARDEN TRACTOR-  
TRANSAXLE, BRAKE & ENGINE



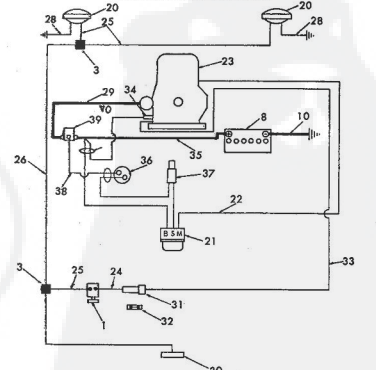
ROPER RT-8 GARDEN TRACTOR  
TRANSAXLE, BRAKE & ENGINE

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	7226H	Rear Wheel	40	1000P	Lockwasher 1/2
2	8827H	Wheel Hub-Rear	41	1004P	Lockwasher 3/8
3	8327H	Sq. Key 1/2x3	42	3001P	Hex Bolt 1/2x20x3/8
4	633A45	Transmission (Transmission) with Brake Drum	43	626A288	Heat Shield Assembly
5	6459H	Transmission Bracket	44	6154A0	Engine Pulley
6	634A535	Neutral Safety Support Assembly	45	9396E	Square Key 1/2x2
7	634A534	Neutral Safety Arm Assembly (Use on Model Number TR2251R1 Only)	46	1759R	Engine Tie Bracket
8	4524P	Set Screw-Std. Hd. 3/8-16x1/2	47	8853H	Yd.Bolt (Engine to Trans axle-Transmission)
9	501P	Hex Nut 3/8-16	50	3783R	Rear Tire-Tubeless
10	2229R	Neutral Safety Switch (Use on Model Number TR2251R1 Only)	51	795R	Rear Ball Guard Assem
11	9204I	Locknut 1/2	52	626A209	Transmission (Transmission)
12	2229H	Woodruff Key	53	8640H	Pulley
13	7648H1	Brake Drum and Lining	54	9858M1	Woodruff Key 3/16x5/8
14	634A167	Brake Band and Lining	55	175H	Roll Pin (In Channel & Parking Brake Stop)
15	232R	Insulated Clip	56	1001P	Lockwasher 7/16
16	626A208	Brake Bracket Assembly	57	500P	Hex Nut 7/16-14
17	626A265	Brake Rod Assembly	58	1007P	Lockwasher 5/16
18	2197R	Park Brake Yoke	59	1685H	Locknut 5/16-18
19	3254P	Hex Bolt 3/8-16x3/8 Heat Treated	60	1002P	Lockwasher 1/2
20	9071H	Hublock Nut 3/8	61	503P	Hex Nut 1/2-20
21	634A489	Lock Bracket Assembly	63	1537P	Washer 1/2x2x11/16x
22	2221R	Park Brake Spacer	64	4462R	Control Knob
23	3099H	Spring Washer	65	4011P	Pipe
24	626A394	Fastening Lock Handle Assembly	67	4010P	Pipe Cap
25	7810H	Griplock Centerlock Nut 3/8-24	A	3034P	Hex Bolt 7/16-14x1
26	4379H	Handle Grip	B	3034P	Hex Bolt 7/16-14x1
27	1537P	Washer 17/32x13/16x11 Go.	C	1304H	Hub Bolt
28	2201R	Bushing	D	3129P	Hex Bolt 5/16-18x7/8
29	6417H	Turnbuckle	E	119P	Carriage Bolt 1/2x20x5/8
30	2263R	Spring Washer	G	3164P	Under-Cut Flat Hd. Me Screw 3/8-18x3/8
31	9776H	Choke Control Clip	H	3022P	Hex Bolt 3/8-16x7/8
32	196407	Engine 8 H.P. (Order from your local Briggs and Stratton service dealer)	K	3129P	Hex Bolt 5/16-18x7/8
33	504P	Hex Nut 5/16-18	L	3129P	Hex Bolt 5/16-18x7/8
34	844R	Mounting Spacer	M	3016P	Hex Bolt 5/16-18x2 1/2
35	4525P	Set Screw, Hex Socket Headless 3/8-16x3/8	N	3016P	Hex Bolt 5/16-18x3/8
36	104P	Hex Nut 5/16-18			
37	844R	Mounting Spacer			
38	4525P	Set Screw, Hex Socket Headless 3/8-16x3/8			
39	626A267	Belt Guide Assembly			

ROPER RT-8 GARDEN TRACTOR-  
ELECTRICAL & WIRING DIAGRAM

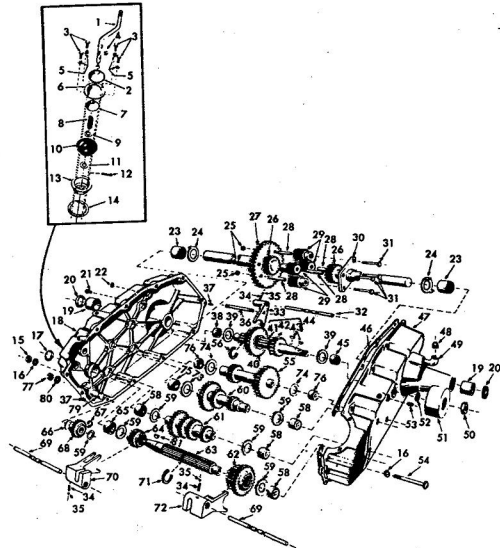


ROPER R.T.-8 H.P. GARDEN TRACTOR  
ELECTRICAL & WIRING DIAGRAM



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	5239H	Light Switch	23	190407	Engine 8 H.P. (Order from your local Briggs and Stratton service dealer)
2	9367H	Black Knob (for light switch)	24	2224R	Electrical Wire (Type No. 0826)
3	5746P	Wire Connector	25	6136H	Electrical Wire
4	6441H	Wing Nut	26	3827E	Lead Wire
5	3748H	Washer 5/16x16 Go.	27	5110H	Battery Clamp
6	1207H	Battery	28	2954E	Ground Wire
7	5072H	Battery	29	2226R	Battery Cable
8	6623H	Ground Strap	30	4063R	Fuse
9	503P	Hex Nut 3/20	31	2211R	Fuse Holder
10	5114I	Lockwasher 5/16	32	2212R	Fuse
11	1007P	Hex Nut 5/16-18	33	2233R	Electrical Wire
12	204P	Lockwasher-External	34	2232R	Electrical Wire
13	1402P	Hex Bolt 5/16-18x3/8	35	626A244	Cable and Cover
14	2159P	*Phillips Pan Hd. Three-Flange Phillips Pan Hd. Thread Cutting Screw No. 10-16 Hi-Lo Thread 1/2 Blunt Point	36	2256R	Insulation Safety Switch
15	5554P	Phillips Pan Hd. Three-Flange Phillips Pan Hd. Thread Cutting Screw No. 10-16 Hi-Lo Thread 1/2 Blunt Point	37	2329R	Neutral Safety Switch (Use on Model Number TR2251R1 Only)
16	8269H	Lockwasher No. 10	38	2239R	Neutral Safety Switch (Use on Model Number TR2251R1 Only)
17	8794H1	Hublock Spacer	39	104P	Solenoid
18	1096P	Lockwasher No. 10	40	2211R	Electrical Wire
19	9197H	Head Light	41	3849R	Lens - Tail Light
20	7549H	Head Light	42	3849R	Mounting Tail Light
21	2210R	Starter Switch (Inc. Key Listed Below)	43	3847R	Bulb - Tail Light
22	2222R	Electrical Wire	44	3073P	Stripped Frust Hd. Me Screw No. 10-24x1/2
		*If you need the upper wires leading the ground wire order 5555P Phillips Pan Hd. Thread Cutting Screw No. 10-16 Hi-Lo Thread 1/2 Blunt Point	45	3675R	Tail Light - Bracket
			46	505P	Hex Nut No. 10-24

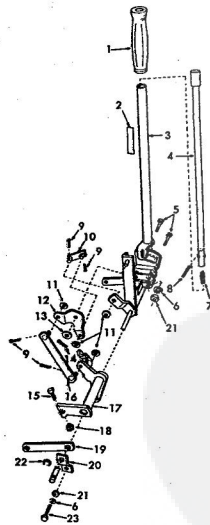
ROPER RT-8 GARDEN TRACTOR-  
TRANSAXLE



ROPER RT-8 GARDEN TRACTOR  
TRANSAXLE

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
—	633A45	Transaxle Assembly w/Brake Drum	36	6215H	High-Low Range Shift Shaft
1	8735H1	Gear Shift Lever-Bent	37	6277H	Dowel Pin
2	4659H1	Gear Shift Cap	38	8118H	Needle Bearing
3	3159P	Hex Bolt 5/16-18 x 7/8	39	6366H	Thrust Bearing Race
4	7835H	Woodruff Key 1/8 x 1/2	40	633A14	High-Low Range Gears and Hub
5	1003P	Lockwasher 5/16	41	6221H	3rd Reduction Gear Shaft
6	633A39A	Gear Shift Ball Cover and Pin	42	8659H	4th Reduction Pinion
7	8739H1	Shift Lever Guide Ball-Keyed	43	2220H	Woodruff Key 5/16 x 3/4
8	4924H	Spring	44	633A32	3rd Reduction Shaft and Gear
9	1564P	Washer 15.02 x 59.64 x 16 Ga.	45	8119H	Needle Bearing
10	6273H	Shift Mechanism Seal	46	6275H	Gasket-Gearcase
11	1569P	Washer 9/16 x 15/16 x 11 Ga.	47	633A41	Gear Case and Bearings
12	2505P	Center 1/8 x 3/4	48	4002P	Pipe Plug 3/4 N.P.T.
13	633A19	Gear Shift Gate and Reinforcement	49	4003P	90° Street Elbow 1/2-14 N.P.T.
14	6274H	Gasket-Shift Ball Cover	50	9204H	Lock Nut
15	384P	Hex Nut 5/16-18	51	7648H1	Brake Drum
16	1007P	Lockwasher 5/16 Extra Heavy	52	6271H	Oil Seal
17	6270H	Oil Seal	55	633A33	4th Reduction Shaft and Gears
18	633A42A	Gear Case, Reverse Idler Shaft Bearings R.H.	56	6270H	Snap Ring-Crescent Type
19	992R1	Sintered Iron Bearing	58	4895H	Needle Bearing
20	7882H	DI Seal	59	1370H	Thrust Bearing Race
21	3825H	Pressure Relief Valve	60	633A31	2nd Reduction Shaft and Gears
22	8269H	Oil Seal	61	633A30	Speed Change Gears and Shaft
23	8745H1	Sintered Iron Bearing	62	633A11	Intermediate and High Speed Pinions
24	4256H	Axle Thrust Washer	63	6218H	Input Shaft
25	7810H	Compressed Gripco Nut 3/8-24	64	6221H	Low Speed Pinion
26	633A43	Axle Shaft and Gear-Case	65	4894H	Needle Bearing
27	8662H	Final Drive Gear	66	7392H	Reverse Idler Thrust Washer
28	6329H1	Bushing-Differential Pinion	67	5001P	E-Ring
29	8657H	Differential Pinion	68	1152H	Reverse Idler Gear
30	6263H1	Differential Carrier	69	6216H	Shift Fork Shaft
31	3056P	Hex Bolt 3/8-24 x 3 1/2	70	6262H	Shift Fork-R.H.
32	6217H	1" Thread Length Shift Fork Shaft	71	4726H	Snap Ring-Crescent Type
33	6264H	Shift Fork, High-Low Range	72	4219H	Shift Fork-L.H.
34	6272H	Shift Fork Detent	73	7393H	Thrust Bearing Race
35	7392H	Steel Ball	74	7394H	Thrust Bearing Race
			75	7395H	Needle Bearing
			76	8117H	Needle Bearing
			77	541P	Hex Jam Nut 7/16-20
			79	7384H	Reverse Idler Shaft
			80	1167R	Sealing Washer
			81	9858H	Woodruff Key

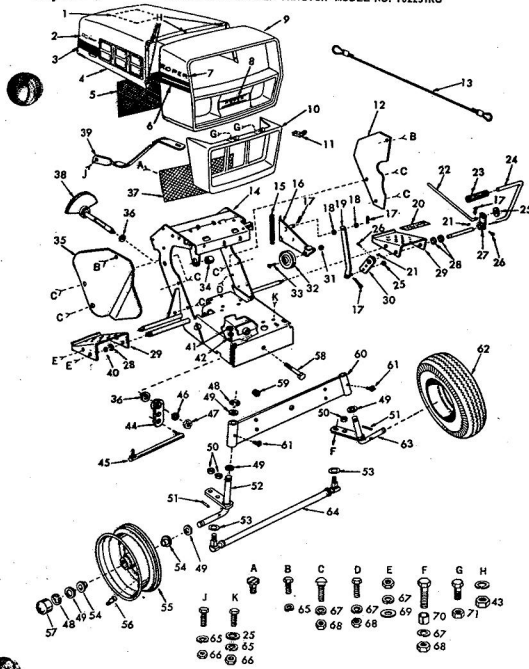
ROPER RT-8 GARDEN TRACTOR-  
MOWER LIFT LEVER



ROPER RT-8 GARDEN TRACTOR  
MOWER LIFT LEVER

KEY NO.	PART NO.	DESCRIPTION
1	2895H	Handle Grip
2	4304R	Decal
3	626A360	Lifter Arm Assembly
4	626A336	Lever Plunger and Button
5	3137P	Hex Bolt 3/8-16 x 1 1/2 H.T.
6	1004P	Lockwasher 3/8
7	2874H	Lifter Spring
8	9465H	Roll Pin
9	2585P	Center Pin 1/8 x 1/2
10	626A358	Connecting Link Assembly
11	1513P	Washer 13.22 x 13/16 x 16 Ga.
12	2369R	Ball Crown
13	1517P	Washer 17.32 x 1-1/16 x 13 Ga.
14	1511P	Center Pin 3/16 x 1/2
15	4524P	Sq. Hd. Set Screw C.P. 3/8-16 x 1/2
16	626A373	Lift Link Weldment
17	626A357	Lifter Arm and Tube
18	508P	Hex Jam Nut 3/8-16
19	8720H	Pivot Link Rear
20	5086H	Lifter Bracket
21	501P	Hex Nut 3/8-16
22	6005P	E-Ring Tractor 5133-75
23	3091P	Hex Bolt 3/8-16 x 1 H.T.

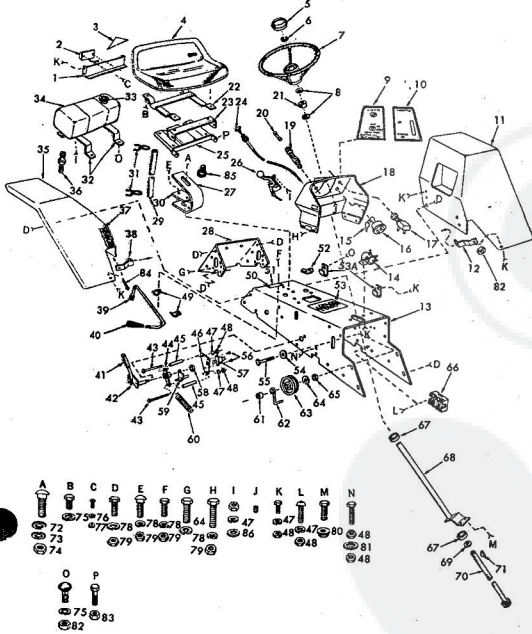
repair parts ROPER RT-10 GARDEN TRACTOR—MODEL NO. T02251R0



ROPER RT-10 GARDEN TRACTOR—MODEL NO. T02251R0

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	4821R	Decal	42	6827M	Grease Fitting
2	8967R	Decal (8 Speed 10 H.P.)	43	853P	Hex Nut 1/20 UNC
3	7000R	Hood and Grill Strip	44	626A254	Steering Arm Assem
4	626A391	Hood Assembly	45	3137H	Steering Link
5	3631R	Grill Screen-Upper	46	1544P	Washer 15/32x15/16
6	2001R	Hood and Grill Strip	47	7762H	Lock Nut 7/16-14 L
7	6956R	Grill Decal	48	5000P	E-Ring
8	6953R	Rear Decal	49	1552P	Washer 49/64x1 1/4
9	3632R	Grill-Upper	50	7810H	Gripes Centerlock 1
10	2897R	Grill Base	51	3142H	Roll Pin
11	4171R	Insulated Clip (For Hood)	52	626A194	King Pin Assembly
12	664R	Light Wire	53	2513R	Hood Washer
13	5654R	Grill Cable	54	5040H	Flanged Bearing
14	626A349	Engine Mount and Tie Plate Assembly	55	9411R	Front Wheel
15	5102H	Idler Spring	56	795R	Valve
16	626A241	Idler Bracket Assembly	57	2118R	Dust Cap
17	2925P	Center Pin 1/8x3/8	58	3217P	Hex Bolt 5/8-11x3/8
18	1527P	Washer 13/32x13/16x11 Ga.	59	4764H	Huglock Nut 5/8-11
19	626A196	Clutch Rod Assembly	60	106A244	Rocker Bar(Front A Assembly)
20	1064R	Decal Clutch-Break	61	685M	Grease Fitting
21	9858M1	Woodruff Key 3/16x3/8	62	4410R	Front Tire-Tubeless
22	8811H1	Brake Rod-Front	63	626A193	King Pin Assembly-1
23	1315H1	Foot Pedal Sleeve	64	816R	The Rod-Adjustable
24	1795R	Foot Pedal Shaft	65	1007P	Lockwasher 5/16
25	1315P	Washer 13/32x13/16x16 Ga.	66	664P	Hex Nut 5/16-18
26	4501P	Set Screw, Sec. Hd. 5/16-18x3/8	67	1004P	Lockwasher 3/8
27	626A338	Brake Arm Assembly	68	1555P	Hex Nut 3/8-16
28	8001P	Foot Rest	69	1004P	Washer 13/32x7/8x1 1/2
29	8172H	Foot Rest	70	3204R	Bushing
30	626A37A	Hex Jam Locknut 3/8-24	71	1403H	Lock Nut 1/2-20 UNC
31	548P	Steering Arm Assembly	A	5554P	Phillips Pan Hd. Tin Cutting Screw No. 10, 1/4x3/8 Blue Point
32	1342R	Idler Stud	B	3010P	Hex Bolt 5/16-18x3/8
33	1342R	Idler Stud	C	8P	Carriage Bolt 3/8x3/8
34	8094H	Bearing	D	3022P	Hex Bolt 3/8-16x1 1/2
35	8012H	Ball Guard	E	501P	Hex Bolt 3/8-16x1 1/2
36	9000H	Thrust Washer	F	3028P	Hex Bolt 3/8-16x1 1/2
37	3374H	Grill Screen-Base	G	3207P	Hex Bolt 3/8-16x1 1/2
38	626A253	Intermediate Shaft Assembly	H	1002P	Lockwasher 1/2
39	4429R	Grill Brace	I	1002P	Hex Bolt 5/16-18x1 1/2
40	1549P	Washer 41/64x1 1/2 Ga.	J	3010P	Hex Bolt 5/16-18x1 1/2
41	1506P	Washer 9/32x5/8x16 Ga.	K	3012P	Hex Bolt 5/16-18x1 1/2

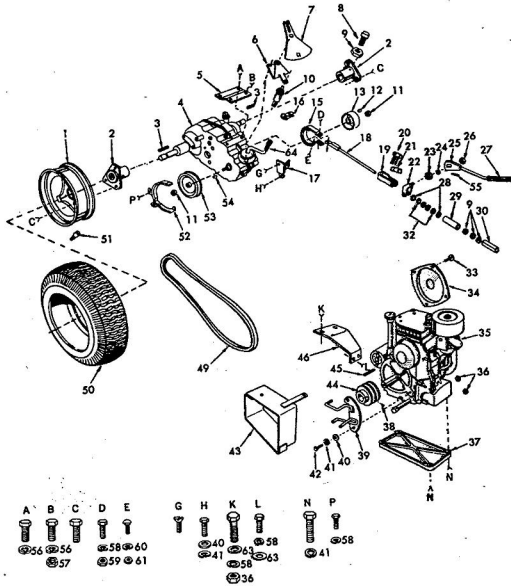
ROPER RT-10 GARDEN TRACTOR—MODEL NO. T02251R0



ROPER RT-10 GARDEN TRACTOR—MODEL NO. T02251R0

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	3625R	Tail Light Bracket	54	1544P	Washer 15/32x59/64x16
2	4063R	Tail Light	55	3197P	Hex Bolt 7/16-14x3/4
3	3239R	Safety Std. Sticker	56	3501P	Pan Hd. Phillips Thrd. C.
4	4987R	Seat	57	2256R	Screw Type T No. 10x2 1/2
5	6951R	Steering Wheel Cap	58	7810H	Implement Safety Switch
6	5000P	E-Ring	59	626A346	Clutch Lever Stop Washer
7	9027H	Steering Wheel	60	2255R	Clutch Return Spring
8	3819R	Cap	61	6209H	Idler Spacer
9	3819R	Dash Panel L.H.	62	6479H1	Belt Guide Finger
10	3819R	Dash Panel R.H.	63	6655H	Flat Idler
11	626A397	Fender and Insert L.H.	64	1001P	Lockwasher 7/16
12	4144R	Fender Bracket L.H.	65	500P	Hex Nut 7/16-14
13	6406R	Chassis Choment	66	5426R	Rectifier
14	1038R	Solenoid	67	6437H	Steering Bushing
15	7520R1	Key-Set	68	626A109	Steering Column Assembly
16	4406R	Ignition and Starter Switch	69	1552P	Washer 49/64x1 1/4x16 Ga.
17	3738H	Light Switch	70	626A29	Steering Shaft Assembly
18	2213R	Dashboard Inss Panels	71	9858M1	Woodruff Key
19	2211R	Fuse Holder	72	1566P	Washer 17/32x15x11 Ga.
20	2212R	Fuse 15 amp.	73	1000P	Lockwasher 5
21	5949H	Rubber Bushing	74	5026	Hex Nut 5-11
22	634A532	Seat Bracket Weldment	75	1007P	Lockwasher 5/16
23	2663R	Bracket-Seat Pivot	76	1006P	Lockwasher No. 10
24	6392R	Seat Plate	77	505P	Hex Nut No. 10x24
25	634A533	Clake Control	78	1004P	Lockwasher 3/8
26	6392R	Throttle Control	79	1004P	Hex Bolt 3/8-16
27	6089R	Seat Spring	80	8698H	Flange Locknut
28	634A101	Drawer and Weldments	81	1405P	Internal Tooth Lockwasher
29	3664R	Fuel Line	82	824P	Hex Nut 5/16-18
30	8141H	Seat Spring Reinforcement	83	5394H	Locknut 3/8-16
31	2231R	Fuel Line Clip	84	2511P	Cotter Pin 3/16x1
32	6407R	Bracket Fuel Tank	85	5424R	Recessed Washer
33	6365R	Fuel Gauge	86	1506P	Washer 9/32x5/8x16 Ga.
34	6277R	Fuel Tank	A	25P	Carriage Bolt 3/8x1 1/2
35	4764396	Fender and Insert R.H.	B	3009P	Hex Bolt 5/16-18x5/8
36	4764396	Fender and Insert R.H.	C	3073R	Stained Tena 3/4 Mech. Screw No. 10x2 1/2
37	3919R	Fuel Line Fitting	D	3023P	Hex Bolt 3/8-16x1 1/2
38	4165R	Fender Bracket R.H.	E	8P	Carriage Bolt 3/8x1 1/2
39	6477H	Shift Range Rod	F	3022P	Hex Bolt 3/8-16x1 1/2
40	4482R	Control Knob	G	3035P	Hex Bolt 3/8-16x1 1/2
41	4279H	Handle Grip	H	3027P	Hex Bolt 3/8-16x1 1/2
42	626A347	Clutch Lever Weldment	I	503P	Hex Bolt 3/8-16
43	3254P	Hex Bolt 1/2-20x3/8	J	4502P	Hex Socket Hdless Set Screw
44	626A345	Clutch Hub Weldment	K	3114P	5/16-18x5/16 Nylock
45	2218R	Spacer	L	3153P	Hex Bolt 1/2-20x1 1/2 H.T.
46	2218R	Switch Plate	M	3023P	Hex Bolt 3/8-16x1 1/2
47	1002P	Lockwasher 1/2	N	3023P	Hex Bolt 3/8-16x1 1/2
48	503P	Hex Nut 1/2-20	O	16P	Carriage Bolt 5/16x1 1/2
49	6442H1	Shift Rod Bracket	P	3022P	Hex Bolt 3/8-16x7/8
50	9521H	Drive Rivet			
51	2521R	Model Number Plate			
52	2521R	Insulated Clip			
53	6945R	Shift Pattern Plate			
53A	2751R	Clip-Fuel Line			

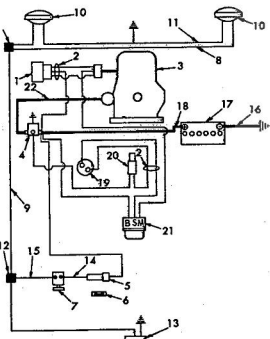
ROPER RT-10 GARDEN TRACTOR--MODEL NO. T02251RO



ROPER RT-10 GARDEN TRACTOR--MODEL NO. T02251RO

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	7226H	Rear Wheel	38	4525P	Set Screw, Hex Socket Headless, 3/8x16x3/8
2	8827H	Wheel Hub-Rear	39	626A18B	Belt Guide Assembly
3	8327H	Sq. Key 1/2x3	40	1513P	Washer 13/32x13/16x16 Ga.
4	633A45	Transaxle (1 Transmission) with Brake Drum	41	1004P	Lockwasher 3/8
5	6459H	Transaxle Bracket	42	3021P	Hex Bolt 3/8-16x3
6	634A535	Neutral Safety Support Assembly	43	626A317	Heat Shield Assembly
7	634A534	Neutral Safety Arm Assembly	44	626A221	Engine Pulley
8	4524P	Set Screw-5/16, 3/8-16x1 1/4	45	9256E	Sq. Key 1/2
9	501P	Hex Nut 3/8-16	46	1796R	Engine Tie Bracket
10	2229S	Neutral Safety Switch	49	8853H	V-Belt (Engine to Transaxle-Transmission)
11	9204H	Locknut 1/2-20	50	3795R	Rear Tire-Tubeless
12	2229H	Woodruff Key	51	7955R	Valve-Tire
13	7648H1	Brake Drum	52	626A209	Rear Belt Guard Assembly
14	634A167	Brake Band and Lining	53	8840H	Transaxle (Transmission) Pulley
15	235R	Insulated Clip	54	9859H	Woodruff Key 3/16x3/8
16	626A208	Brake Bracket Assembly	55	175H	Roll Pin (In Channel for Parking Brake Stop)
17	626A265	Brake Rod Assembly	56	1001P	Lockwasher 7/16
18	2197R	Park Brake Yoke	57	503P	Hex Nut 7/16-14
19	3256P	Hex Bolt 1/2-28 x 5/8	58	1007P	Lockwasher 5/16
20	9071H	Heat Tracer	59	1685H	Locknut 5/16-18
21	634A489	Muglock Nut 1/2-28	60	1002P	Lockwasher 3/4
22	2221R	Lock Bracket Assembly	61	503P	Hex Nut 1/2-20
23	5979H	Park Brake Spacer	62	1337P	Washer 11/22x11/16x16 Ga.
24	626A394	Parking Lock Handle Assembly	63	4462R	Control Knob
25	7810H	Washer 1/2x22 x 3/8-24	A	3034P	Hex Bolt 7/16-14x1
26	4379H	Handle Grip	B	3034P	Hex Bolt 7/16-14x1
27	1557P	Washer 13/32x13/16 x 11 Ga.	C	1304H	Hub Bolt
28	2201R	Spring Washer	D	2159P	Hex Bolt 5/16-18x7/8
29	6471H	Turbocharger	E	11P	Carriage Bolt 1/2-20 x 5/8
30	2253R	Spring Washer	G	3164P	Under-Cut Flat Hd. Mech. Screw 3/8x1x3
31	6040P	Slotted Flat Hd. Mech. Screw with Seal Lockwasher 1/2-28x3	H	3022P	Hex Bolt 3/8-16 x 7/8
32	704R	Screen Guard	K	3010P	Hex Bolt 5/16-18x3
33	H1100	Engine 10 H.P. (Order from your local Tecumseh service dealer)	L	3010P	Hex Bolt 5/16-18x3
34	504P	Hex Nut 5/16-18	M	3010P	Hex Bolt 5/16-18x3
35	668R	Engine Mounting Block	N	3010P	Hex Bolt 5/16-18x3

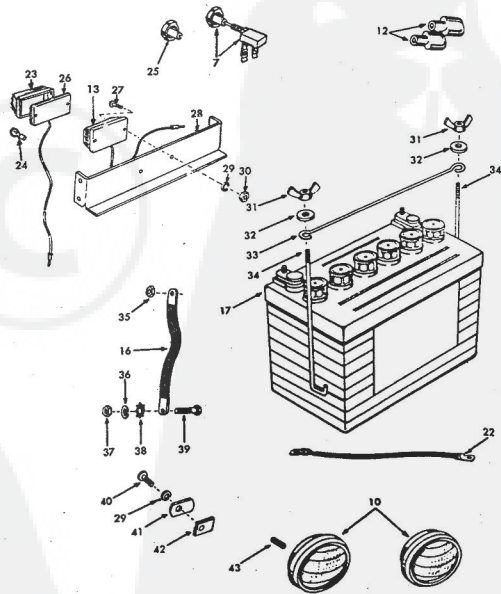
ROPER RT-10 GARDEN TRACTOR--MODEL NO. T02251RO



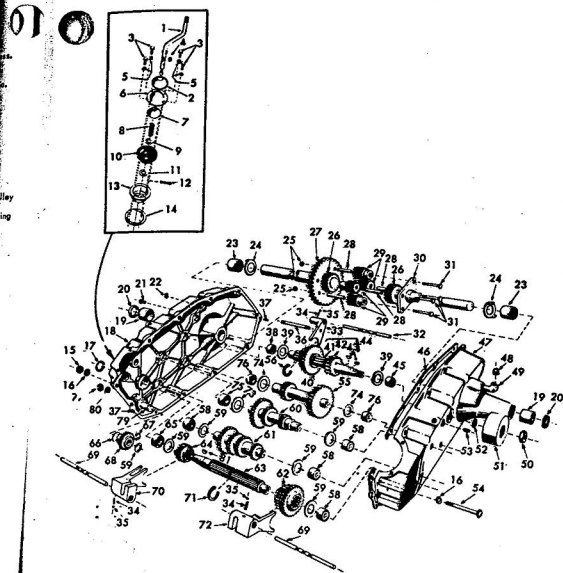
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	5436R	Rectifier	26	3869R	Housing, Tail Light
2	6812R	Electrical Wire (Harness)	27	3073P	Slotted T-nut Hd. Mech. Screw No. 10-24x5
3	H1100	Engine, 10 H.P. (Order from your local Tecumseh dealer)	28	3625R	Tail Light Bracket
4	115207E	Shield	29	1006P	Lockwasher No. 10
5	103R	Fuse Holder	30	505P	Hex Nut No. 10-24
6	2211R	Fuse	31	3748A	Wing Nut
7	2212R	Light Switch	32	1509P	Washer 5/16x3/8x16 Ga.
8	3735H	Lead Wire	33	5110H	Battery Clamp
9	6136H	Lead Wire	34	5072H	Battery Bolt
10	3837R	Head Light	35	505P	Hex Nut 1/2-20
11	2894R	Ground Wire	36	1007P	Lockwasher 5/16
12	5740H	Wire Connector	37	504P	Hex Nut 5/16-18
13	4052R	Tail Light	38	1462P	Lockwasher-External
14	2234R	Electrical Wire	39	3159P	Hex Bolt 5/16-18x7/8
15	227R	Electrical Wire	40	5554P	*Phillips Pan Hd. Thread Cutting Screw No. 10-16 Hd. Lo. Thread x 1/2 Blunt Point
16	2114H	Ground Strap	41	8748H	Mounting Clip
17	9855H	Battery	42	8748H1	Rubber Spacer
18	626A344	Cable and Cover	43	9197H	Hose
19	2256R	Implement Safety Switch			
20	2257R	Neutral Safety Switch			
21	4405R	Starter Switch & Ignition			
22	2235R	Battery Cable			
23	3866R	Lens, Tail Light			
24	3867R	Bulb, Tail Light			
25	9207H	Black Knob (for light switch)			

\*If you need the upper screw holding the ground wire (Key No. 11) order 5555P Phillips Pan Hd. Thread Cutting Screw No. 10-16 Hd. Lo. Thread x 5/8 Blunt Point.

ROPER RT-10 GARDEN TRACTOR--MODEL NO. T02251RO



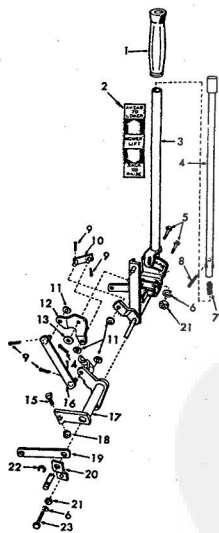
ROPER RT-10 GARDEN TRACTOR--MODEL NO. T02251RO



ROPER RT-10 GARDEN TRACTOR--MODEL NO. T02251RO

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
---	633A45	Transmission Assembly w/Brake Drum	36	6215H	High-Low Range Shaft
1	6725H1	Gear Shift Lever-Bent	37	6227H	Down Pin
2	4867H1	Gear Shift Cap	38	8118M	Needle Bearing
3	3137P	Hex Bolt 5/16-18x7/8	39	6266H	Thrust Bearing R.
4	7832M	Woodruff Key 1/2x1/2	40	633A14	High-Low Range 1 and Hub
5	1002P	Lockwasher 5/16	41	6221H	3rd Reduction Gear
6	633A39A	Gear Shift Ball Cover and Pin	42	8659H	4th Reduction Pin
7	8739H1	Shift Lever Guide Ball-Keyed	43	2228M	Woodruff Key 3/16
8	4924H	Spring	44	633A32	3rd Reduction Sha
9	1564P	Washer 15/32x59/64x16 Gs.	45	8119M	Needle Bearing
10	6272H	Shift Mechanism Seal	46	6275H	Gasket-Geacase
11	1569P	Washer 9/16x15/16x11 Gs.	47	633A41	Gear Case and Be
12	2305P	Cotter 1/8x3/4	48	4002P	Pipe Plug 1/2-14 N.
13	633A19	Gear Shift Gate and Reinforcement	49	4003P	90° Street Elbow )
14	6274H	Gasket-Shift Ball Cover	50	9204H	Lock Nut
15	504P	Hex Nut 5/16-18	51	7648H1	Brake Drum
16	1007P	Lockwasher 5/16 Extra Heavy	52	6271H	Oil Seal
17	6270H	Oil Seal	53	4001P	Pipe Plug 1/2-18 N.
18	633A42A	Gear Case, Reverse Idler	54	3092P	Hex Bolt 5/16-18x Grade 5 H.T.
19	9036R	Shift Bearings R.H.	55	633A33	4th Reduction Shaft
20	7862R	Sintered Iron Bearing	56	6276H	Snap Ring-Crescent
21	8552H	Oil Seal	57	4892H	Needle Bearing
22	6369H1	Pressure Relief Valve	58	1570H	Thrust Bearing R.
23	9040R	Sintered Iron Bearing	60	633A31	2nd Reduction Sha
24	6256H	Axle Thrust Washer	61	633A30	Speed Change Gear
25	7810H	Centerlock Gripco Nut 2/8-24	62	632A11	Intermediate and H Pinions
26	633A43	Axle Shaft and Gear-Custom	63	6210H	Input Shaft
27	8662H	Final Drive Gear	64	6231H	Low Speed Pinion
28	6220H1	Bushing-Differential Pinion	65	4894H	Needle Bearing
29	8637H	Differential Pinion	66	7292H	Reverse Idler Thru E-Ring
30	6363H1	Differential Carrier	67	5001P	Reverse Idler Gear
31	3056P	Hex Bolt 3/8-24x3/4 Thread Length	68	1153R	Shift Fork Shaft
32	6219H	High-Low Range Shift Fork Shaft	69	6216H	Shift Fork-L.H.
33	6269H	Shift Fork, High-Low Range	70	6262H	Shift Fork-R.H.
34	6272H	SpringShaft Fork Detent	71	4924H	Snap Ring-Crescent
35	7392M	Steel Ball	72	4219H	Shift Fork-L.H.
			73	7392M	Thrust Bearing R.
			74	7396H	Thrust Bearing R.
			75	6209H	Needle Bearing
			76	6117M	Needle Bearing
			77	541P	Hex Jam Nut 7/16-
			78	7384H	Reverse Idler Shaft
			79	1167R	Sealing Washer
			81	9858M1	Woodruff Key

ROPER RT-10 GARDEN TRACTOR--MODEL NO. T02251RO

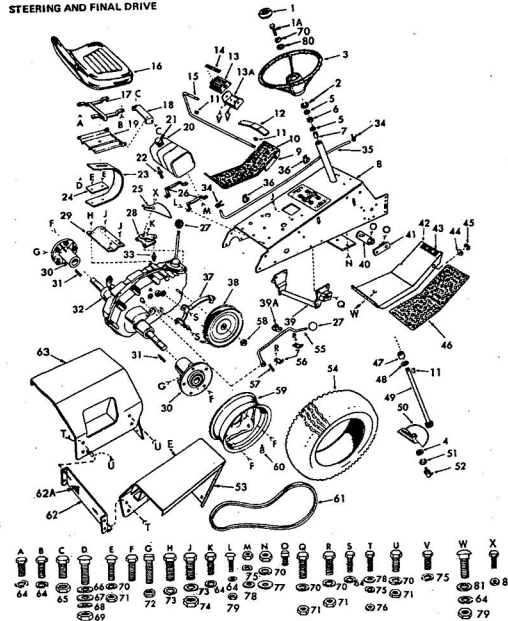


ROPER RT-10 GARDEN TRACTOR--MODEL NO. T02251RO

KEY NO.	PART NO.	DESCRIPTION
1	2895H	Handle Grip
2	4306R	Decal
3	626A360	Lifter Arm Assembly
4	626A326	Lever Plunger and Button
5	3137P	Hex Bolt 3/8-16x1 1/4 H.T.
6	1004P	Lockwasher 3/8
7	2876H	Lifter Spring
8	7465M	Roll Pin
9	2505P	Cotter Pin 1/8x3/4
10	626A358	Connecting Link Assembly
11	1513P	Washer 13/32x13/16x16 Gs.
12	2308R	Bell Crank
13	1577P	Washer 17/32x1-1/16x13 Gs.
14	2511P	Cotter Pin 3/16x1
15	4524P	Sq. Hd. Set Screw C.P. 3/8-16 x 1/4
16	626A373	Lift Link Weldment
17	626A357	Lifter Arm and Tube
18	506P	Hex Jam Nut 3/8-16
19	8720H	Pivot Link Rear
20	6366H	Lifter Bracket
21	501P	Hex Nut 3/8-16
22	5000P	E-Ring Taurc 3132-75
23	3091P	Hex Bolt 3/8-16x1 H.T.

**repair parts**  
**ROPER RT-13 GARDEN TRACTOR**  
**MODEL NO. T32241R4**

STEERING AND FINAL DRIVE



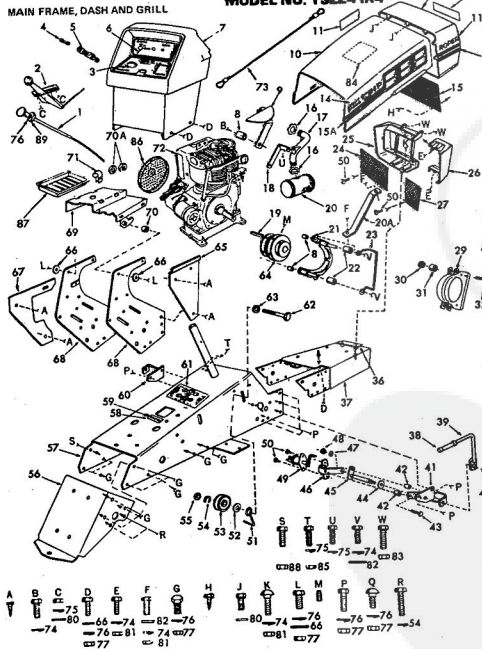
**ROPER RT-13 GARDEN TRACTOR**  
**MODEL NO. T32241R4**

STEERING AND FINAL DRIVE

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	6961R	Steering Wheel Cap	51	5000P	E-Ring
1A	5022P	Hex Bolt 3/8-16x1	52	6842M	Grease Fitting
2	3444S	E-Ring	53	634A593	Fender and Inter-R.H.
3	1552P	Steering Wheel	54	3795R	Rear Tire-Tubes 23 x 8.50
4	9097H	Washer #9/64 x 1/8 x 16 Co.	55	6471H	Rings Shift Rod
5	9949H	Cap	56	6442H	Shift Rod Bracket
6	4468H	Rubber Bushing	57	2511P	Cotter Pin 3/16x1
7	4468H	Bushing	58	9204H	Locknut 5/20
8	634A743	Chassis Ass'y w/Bearings	59	9635R	Rear Wheel
9	634A569	Foot Rest w/Bolts L.H.	60	795R	Tire Valve
10	3641E	Foot Rest Pad-R.H.	61	2295R	V-Belt (Ground Drive)
11	9838M1	Woodruff Key 3/16 x 5/8	62	3625R	Bracket-Tail Light
12	9028H	Spring	63	3235R	Safety Std. Striker
13	1062R	Foot Pedal	64	634A594	Fender and Inter-L.H.
13A	1244S	Foot Pedal Bracket	65	1000P	Lockwasher 5/16
14	8765H	Foot Pedal Flange	65	2594E	Locknut 3/8-16
15	8761H	Foot Pedal Shaft	66	1578P	Washer 5/16 x 1/8 x 11 Co.
16	4988R	Seat	67	1600P	Washer 17/32 x 1/8 x 11 Co.
17	634A532	Seat Bracket Weldment	68	1000P	Lockwasher 5/8
18	2623R	Seat Pivot Bracket	69	502P	Hex Nut 3/8-16
19	634A533	Seat Flange Weldment	70	1000P	Lockwasher 3/8
20	2693R	Fuel Tank	71	501P	Hex Bolt 3/8-16
21	7292R	Fuel Tank Cap and Gouge	72	588P	Hex Jam Nut 3/8-16
22	815R	Fuel Line Fitting	73	1001P	Lockwasher 7/16
23	5404R	Seat Spring	74	500P	Hex Nut 7/16-14
24	8141H	Seat Spring Reinforcement	75	1002P	Lockwasher 3/4
25	2650R	Bracket-Fuel Tank	76	503P	Hex Nut 1/2-20
26	2650R	Bracket-Fuel Tank	77	1515P	Washer 13/32 x 13/16 x 16 Co.
27	634A731	Neutral Safety Support Ass'y	78	1506P	Washer 9/32 x 5/8 x 16 Co.
28	6499H	Transmission Bracket	79	504P	Hex Nut 5/16-18
29	8778H	Wheel Hub-Rear	80	1535P	Washer 7/16 x 1/4 x 10 Co.
30	8327H	Sq. Key 3 x 3	81	1537P	Washer 11/32 x 1/16 x 16 f
31	634A538	Transmission (Transaxle)	82	357P	Hex Jam Locknut 5/16-18
32	634A538	Less Brake Drum	83	5000P	Hex Bolt 5/16-18 x 5/8
33	3249R	Neutral Safety Switch	84	3010P	Hex Bolt 5/16-18 x 5/8
34	7365R	Fuel Line Clamp	85	3022P	Hex Bolt 3/8-16 x 1 1/8
35	8543R	Fuel Line	86	28P	Carriage Bolt 7/16 x 1 1/2
36	6794R	Clip-Fuel Line	87	25P	Carriage Bolt 3/8-16 UNC
37	634A72A	Belt Guide	88	N.T. Gr. S	H.T. Gr. S
38	6401H2	Transmission (Transaxle)	89	1304H	Hub Bolt
39	634A362	Hanger-Rear	90	3034P	Hex Bolt 7/16-14 x 1
40	634A362	Insulated Clip	91	3034P	Hex Bolt 7/16-14 x 1
41	634A362	Brake Arm Ass'y	92	3010P	Hex Bolt 5/16-18 x 5/8
42	634A370	Foot Rest w/Bolts R.H.	93	3010P	Hex Bolt 5/16-18 x 5/8
43	2267R	Decal (Attach. Clutch)	94	501P	Hex Nut 3/8-16
44	1371P	Washer 3/4 x 7/8 x 16 Co.	95	4501P	Hex Nut 3/20
45	5001P	E-Ring	96	3022P	Hex Bolt 3/8-16 x 1
46	4642R	Foot Rest Pad R.H.	97	3022P	Hex Bolt 3/8-16 x 7/8
47	4766H	Bearing 57/64 x 1 1/8 x 16 Co.	98	3003P	Hex Bolt 5/16-18 x 5/8
48	1533P	Washer 27/64 x 1 1/8 x 16 Co.	99	3021P	Hex Bolt 3/8-16 x 5/8
49	634A626	Steering Shaft & Pinion	100	50P	Hex Bolt 1/2-20 UNC
50	634A813	Steering Gear Sector & Arm	101	50P	Carriage Bolt 5/16-18 x 5/8
			102	3011P	Hex Bolt 5/16-18 x 1

**ROPER RT-13 GARDEN TRACTOR**  
**MODEL NO. T32241R4**

MAIN FRAME, DASH AND GRILL



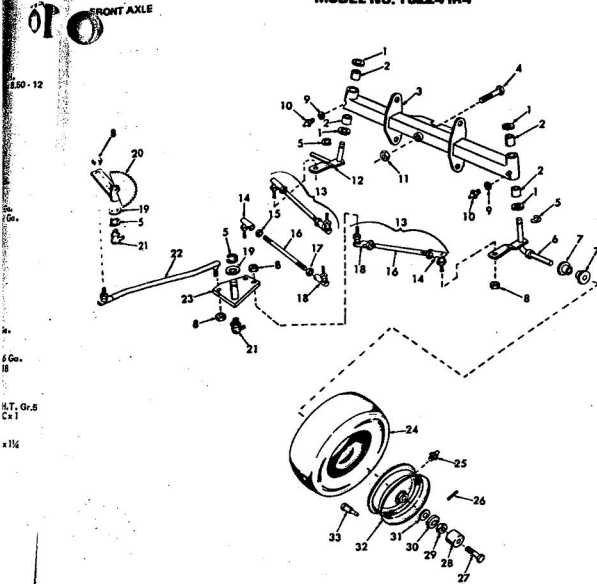
**ROPER RT-13 GARDEN TRACTOR**  
**MODEL NO. T32241R4**

MAIN FRAME, DASH AND GRILL

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	9764H	Choke Control	58	6321H	Model Number Plate
2	6252R	Throttle Remote Control	60	634A355	Drive Rover for Model p
3	6252R	Decal-Dash Lower	61	6905R	Hanger Weldment-L.H.
4	2212R	Fuse	62	3155P	Hex Bolt 7/16-14 x 2 1/2
5	2211R	Fuse Holder	63	1518P	Washer 15/32 x 1/16 x 1 1/8
6	6251R	Decal-Dash Upper	64	634A404	Engine Pulley w/Gear Sec. (Inc. Key Letter M)
7	6405P	Dashboard	65	1360R	Bushing
8	2500R	Bushing	66	1511P	Washer 13/32 x 12/16 x 1
9	634A408	Heat Shield Weldment	67	1663R	Cover-L.H.
10	634A397	Head Weldment	68	634A581	Tank and Battery Support Bracket
11	6926R	Decal-Grill	69	634A575	Battery Support Weldment
12	7011R	Head & Grill Strip Short	70	2489R	Bearing
13	6955R	Scotchies-Roper	71	9776H	Lock Nut
14	3623R	Grill-Upper	72	302437	Choke Control Clip
15	8602R	Decal-Speed 13 H.P.	73	9776H	Engine, 13 H.P. Strip and Stratton - Type 014501
16	5631R	Grill Screen-Upper	74	3029H	Grill Cable
17	7000R	Head & Grill Strip-Med.	75	1003P	Lockwasher 5/16
18	9540H	Lock Nut	76	1004P	Lockwasher 3/8
19	648R	Exhaust Pipe	77	501P	Hex Nut 3/8-16
20	4096R	Muffler Support	78	1506P	Washer 9/32 x 5/8 x 16 Co.
21	9396E	Sq. Key 1/2 x 2	79	804P	Hex Nut 5/16-18 UNC
22	4443R	Grill Brace	80	1537P	Washer 11/32 x 1/16 x 1 1/8
23	634A394	Belt Guide Assembly	81	1609H	Lock Nut 1/2-20 UNC
24	8704H1	Spacer	82	1609H	Lock Nut 1/2-20 UNC
25	640R	Belt Retainer	83	4821R	Maintenance Decal
26	2674R	Grill Screen-L.H.	84	5025P	Hex Nut 1/2-20 UNC
27	2677R	Grill-Lower	85	5263R	Stationary Screens
28	2678R	Grill-Side	86	2668R	Battery Tray
29	2673R	Grill Screen-R.H.	87	5394H	Locknut
30	4929W	Retainer Spring	88	515P	Hex Nut 3/8 - 24 UNF
31	634A459	Belt Guard Weldment	89	5351P	Hex Washer Hd. Thd. C Screw 1/2-20 UNC x 3/4
32	347H	Huglock Nut	90	501P	Hex Bolt 5/16-18 x 1 1/4
33	8283H	Splice Spacer	91	3010P	Hex Bolt 3/8-16 x 1 1/8
34	3154P	Slotted Filler/Hd. Machine Screw 1/2 x 24	92	3021P	Hex Bolt 3/8-16 UNC
35	634A409	Grill Spacer	93	3021P	Hex Bolt 3/8-16 UNC
36	634A389	Engine Mount Assembly	94	3010P	Hex Bolt 1/2-20 UNC x 5/8
37	4379H	Handle Grip	95	3011P	Hex Bolt 5/16-18 x 1 1/8
38	634A493	Blade Clutch Lever	96	3023P	Hex Bolt 3/8-16 x 1
39	7810H	Griceps Centerlock Nut	97	5564P	Pon Hd. Phillips Thd. Cutting Screw No. 10-2
40	7810H	3/8 - 24 UNF	98	5583P	Hex Ind. Self Tap Screw
41	634A404	Hanger Weldment-R.H., Front	99	6P	Tooth Lockwasher 5/20
42	1682E	Bushing	100	3023P	Hex Bolt 3/8-16 x 1
43	3013P	Hex Bolt 5/16-18 UNC x 1 1/2			
44	5999H	Spring Washer			
45	634A491	Belt Tightener Arm and Idler Shear			
46	634A492	Switch Bracket Assembly			
47	1802P	5/16 Lockwasher			
48	504P	3/16-18 UNC Hex Nut			
49	2248R	Pin Head Phillips Thread Cutting Screw No. 10-24 UNC x 3/8			
50	5001P	Type T			
51	6499H1	Belt Guide Finger			
52	1303P	Washer #409 1/2 x 1-1/8 x 11 Co.			
53	6653H	Flat Idler			
54	1001P	Lockwasher 7/16			
55	500P	Hex Nut 7/16-14			
56	634A101	Drawbar W/Weldment			
57	634A526	Chassis Assembly W/Bearings			



**ROPER RT-13 GARDEN TRACTOR  
MODEL NO. T32241R4**



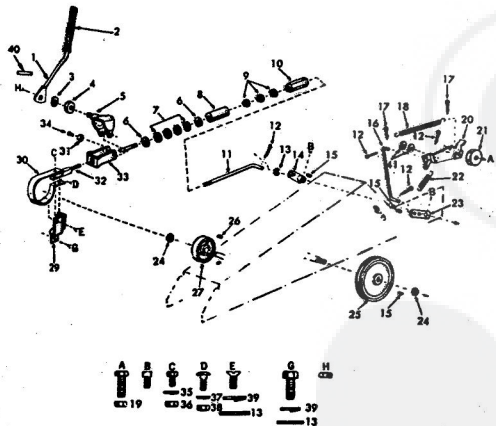
**ROPER RT-13 GARDEN TRACTOR  
MODEL NO. T32241R4**

**FRONT AXLE**

KEY NO.	PART NO.	DESCRIPTION
1	1528P	Washer 13/16 x 1/4 x 14 Ga.
2	1309H	Bearing
3	634A521	Front Axle w/Bearings (Includes Key No. 2)
4	2294P	Hex Bolt 3/8-11 x 5 Grade 5 E-Ring
5	6006P	Spindle Complete R.H.
6	634A277	Flanged Bearing
7	6340H	Grrips Locknut 3/8-24 UNF
8	7810H	Washer 9/32 x 7/8 x 14 Ga.
9	1305P	Grease Fitting
10	680544	Huglock Nut 3/8 x 11
11	4764H	Spindle Complete L.H.
12	634A278	Tie Rod end Joint (Complete)
13	5995R	Tie Rod Joint (R.H. Thread Coll Pin)
14	6740R	Hex Jam Nut 1/2-20 (R.H. Thread)
15	558P	Tie Rod and Nuts
16	634A711	Hex Jam Nut 1/2-20 (L.H. Thread)
17	529P	Tie Rod Joint (L.H. Thread Coll Pin)
18	6599R	Washer 48/64 x 1 1/4 x 18 Ga. Yellow Dichromate
19	1662P	Grease Fitting
20	634A813	Drag Link and Joints
21	0842M	Steering Bell Crank Weldment
22	7637R	Front Tire-Tubeless 16 x 6.50-8
23	634A808	Grease Fitting 1/4 - 28 Taper Thrd.
24	3838R	Roll Pin 5/32 x 1
25	8056M	Hex Bolt 5/16 - 18 x 1/2
26	8759H	Dust Cap-Outer
27	3005P	Dust Cap-Inner
28	8763H	Elastic Nut 3/4 - 16
29	4831H	Wear Washer
30	8785H	Washer 35/32 x 1 1/2 x 16 Ga.
31	1562P	Front Wheel
32	3636R	Tire Valve
33	795R	Tire Valve

**ROPER RT-13 GARDEN TRACTOR  
MODEL NO. T32241R4**

**BRAKE AND CLUTCH**



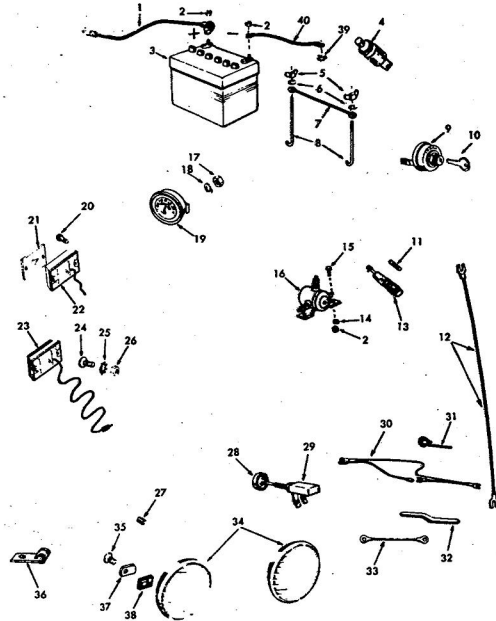
**ROPER RT-13 GARDEN TRACTOR  
MODEL NO. T32241R4**

**BRAKE AND CLUTCH**

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	626A394	Parking Lock Handle Assembly	26	2228M1	Woodruff Key 3/16 x 3/4
2	4379H	Handle Grip	27	7648H1	Brake Drum
3	3999H	Spring Washer	29	634A168	Brake Bracket Assembly
4	2221R	Parking Brake Spacer	30	634A167	Brake Band and Lining
5	634A469	Lock Bracket Assembly	31	9071H	Huglock Nut 1/2-28 UNC
6	1557P	Washer 13/32 x 13/16 x 11 Ga.	32	626A265	Brake Rod Assembly
7	2265R	Spring Washer	33	2197R	Parking Brake Yoke
8	2201R	Bushing	34	3256P	Hex Bolt 1/2 x 5/8-28 Heat Treated
9	501P	Hex Nut 3/8-16 UNC	35	1003P	Lockwasher 5/16
10	6417H	Turnbuckle	36	1685H	Locknut 5/16-18
11	2202R	Brake Rod-Front	37	1002P	Lockwasher 1/2
12	2505P	Cotter Pin 1/8 x 1/4	38	503P	Lockwasher 3/8
13	1513P	Washer 15/32 x 12/16 x 14 Ga.	39	1004P	Lockwasher 3/8
14	634A838	Brake Arm Assembly	40	1254I	Roll Pin (in Channel for Parking Brake Stop)
15	7858M	Woodruff Key 3/16 x 5/8	41	1545P	Washer 17/32 x 1 x 16 Ga.
16	6406H	Clutch Rod	A	3022P	Hex Bolt 3/8-24 x 1 1/4 Pktd. Co. Hd. Set Screw C.P. J
17	2514P	Cotter Pin 1/2 x 1	B	4501P	Hex Bolt 5/16-18 x 7/8 Sq. Neck Carriage Bolt 1/2 x 5/8-18 x 3/4
18	6486H	Spring	C	11P	Flat Hd. Machine Screw 1/2 x 5/8-18 x 3/4
19	548P	Hex Jam Lock Nut 3/8-24 UNF	D		
20	634A838	Idler Bracket Assembly	E		
21	634A86	Idler Bolt and Nut (Inc. Key No's. 19 and A)	G		
22	4301H	Spring	H		
23	626A21A	Steering Arm Assembly			
24	9204H	Lock Nut 1/2-20 UNF			
25	6461H2	Tensioned (Transmission) Pulley			

**ROPER RT-13 GARDEN TRACTOR  
MODEL NO. T32241R4**

ELECTRICAL



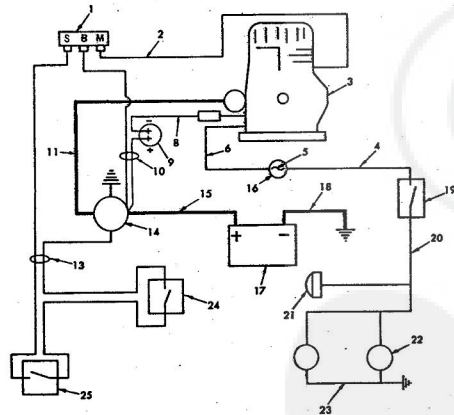
**ROPER RT-13 GARDEN TRACTOR  
MODEL NO. T32241R4**

ELECTRICAL

KEY NO.	PART NO.	DESCRIPTION
1	634A490	Cable and Cover (red)
2	503P	Hex Nut 1/4-20
3	985R	Battery
4	3249R	Switch-Safety Start
5	3748A	Wing Nut
6	1507P	Washer 5/16 x 1/2 x 16 Ga.
7	5110H	Battery Clamp
8	3072R	Battery Bolt
9	2210R	Starter Switch (Inc. Key No. 10)
10	7552H	Key
11	2212R	Fuse
12	2223R	Lead Wire ("M" Post on Switch to Short Terminal on Engine)
13	2211R	Fuse Holder
14	1002P	Lockwasher 1/4
15	3115P	Hex Bolt 1/4-20 x 3/8
16	1032	Solenoid
17	543P	Hex Nut No. 10-32
18	1006P	Lockwasher No. 10
19	5212R	Ammeter
20	3807R	Bulk (Tail Light) No. 1895
21	3868R	Lens (Tail Light)
22	3869R	Housing (Tail Light)
23	3757R	Tail Light
24	3073P	Slotted Truss Hd. Mech. Screw No. 10-24 x 1/2
25	1404P	Lockwasher No. 10 External
26	305P	Hex Nut No. 10-24
27	9197H	Flare (On Grill-Headlight Locating Pins)
28	9267H	Knob, For Light Switch
29	5735H	Light Switch (Includes Knob No. 28)
30	3773R	Lead Wire (Headlights to Switch) (Pink)
31	4171R	Insulated Clip
32	2777R	Tie
33	2894R	Ground Wire (Headlight to Ground) (Black)
34	7034H	Headlight
35	5301P	Phillips Pan Hd., Tbd. Cutting Screw No. 10-24 x 3/8 Type T
36	2521R	Insulated Clip
37	8768H	Mounting Clip
38	8784H1	Rubber Spacer
39	1402P	External Lockwasher 3/8
40	6409R	Ground Cable (Battery "-" to Ground)

**ROPER RT-13 GARDEN TRACTOR  
MODEL NO. T32241R4**

WIRING DIAGRAM



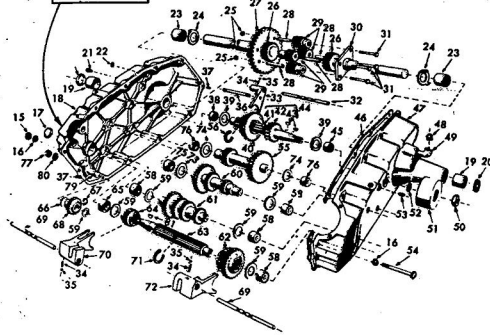
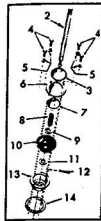
**ROPER RT-13 GARDEN TRACTOR  
MODEL NO. T32241R4**

WIRING DIAGRAM

KEY NO.	PART NO.	DESCRIPTION
1	2210R	Starter Switch
2	2223R	Electrical Wire (Ignition Switch "M" to Engine Mfg.)
3	302437	Engine, 13 H.P., Briggs and Stratton - Type 014501
4	2228R	Electrical Wire (Fuse to Light Switch)
5	2212R	Fuse (in Fuse Holder)
6	2233R	Electrical Wire (Fuse Lights to Alternator, Engine)
8	4444R	Electric Wire
9	5212R	Ammeter
10	3830R	Electrical Wire (Ign. Sw. "B" to Ammeter)
11	2275R	Battery Cable (Solenoid to Starter)
13	3840R	Wire Harness (Starter Circuit)
14	1032	Solenoid
15	634A490	Cable & Cover (Battery "plus" to Solenoid "B")
16	2211R	Fuse Holder
17	985R	Battery
18	6409R	Ground Cable (Battery "-" to Ground)
19	5735H	Light Switch
20	3773R	Lead Wire (Light Switch to Lights)
21	3757R	Tail Light
22	7034H	Headlight
23	2894R	Ground Wire Headlight
24	2249R	Safety Switch (For Mower Interlock)
25	3249R	Neutral Safety Switch

**ROPER RT-13 GARDEN TRACTOR  
MODEL NO. T32E41R4**

TRANSAXLE



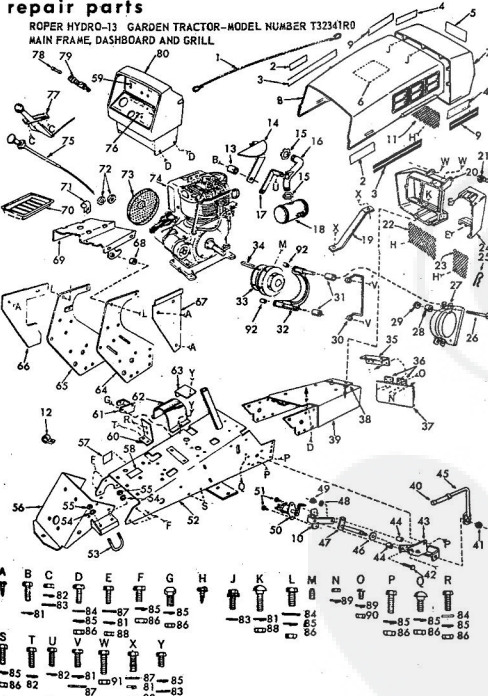
**ROPER RT-13 GARDEN TRACTOR  
MODEL NO. T32E41R4**

TRANSAXLE

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	633A28	Transaxle Assembly less	38	8118M	Needle Bearing
2	6211H1	Brake Drum	39	4256H	Thrust Bearing R
3	4849H1	Gear Shift Lever straight	40	633A14	High-Low Range Nut
4	3010P	Gear Shift Cap Hex Bolt 5/16-18x3/4	41	6221H	3rd Reduction Ge
5	1003P	Lockwasher 5/16	42	8659H	4th Reduction Pi
6	6254H1	Gear Shift Ball Cover	43	2228M	Woodruff Key 5/16
7	6259H1	Shift Lever Guide Ball	44	633A32	3rd Reductioe Shr
8	4924H	Spring	45	8119M	Needle Bearing
9	1544P	Washer 15/32 x 3/8 x 1/4	46	4002P	Gear Case and Be
10	8105R	Washer 9/16 x 15/16 x 11/16	47	633A27	Pin Plug 1/2x1/4
11	1525P	Center 1/8 x 3/4	48	4003P	90 Street Elbow 1
12	2505P	Gear Shift Gate and Reinforce-ment	49	7486H1	Lock Nut
13	633A19	Socket-Shaft Ball Cover	50	6271H	Brake Drum
14	6274H	Socket-Shaft Ball Cover	51	6271H	Oil Seal
15	304P	Max Nut 5/16-18	52	4001P	Pipe Plug 1/2-18 N
16	1007P	Lockwasher 5/16 Extra Heavy	53	3087P	Hex Bolt 5/16-18
17	6270H	Oil Seal	54	633A33	Grade 5 H.T.
18	633A28A	Gear Case, Reverse Idler Shaft and Bearings R.H.	55	6276H	4th Reduction Sho
19	8038R	Pressure on Bearing	56	4605H	Snap Ring
20	7382R	Oil Seal	57	1370H	Needle Bearing
21	8559H	Pressure Relief Valve	58	633A31	2nd Reduction Sho
22	6269H	Oil Seal	61	633A30	Speed Change Case
23	3037R	Sintered Iron Bearing	62	633A11	Intermediate and H
24	6256A	Centerlock Gripco Nut 3/8-24	63	6218H	Input Shaft
25	7810H	Centerlock Gripco Nut 3/8-24	64	6231H	Low Speed Pinion
26	633A34	Shaft and Gear	65	4894H	Needle Bearing
27	8660H1	Final Drive Gear	66	7392H	Reverse Idler Thr
28	6252H1	Ball-Strip-Differential Pinion	67	1133R	Reverse Idler Geo
29	8657H	Differential Pinion	68	6216H	Shift Fork R.H.
30	6263H1	Differential Carrier	69	4928H	Shift Fork L.H.
31	3056P	Hex Bolt 3/8-24 x 3/4	70	4219R	Snap Ring-Crescent
32	6217H	High-Low Range Shift Fork	71	7394H	Thrust Bearing Roc
33	6260H	Shift Fork, High-Low Range	72	7394H	Needle Bearing
34	6277H	Spring-Shift Fork Detent	73	7398H	Needle Bearing
35	7393M	Steel Ball	74	8117M	Needle Bearing
36	6215H	High-Low Range Shift Shaft	75	541P	Hex Jam Nut 7/16-1
37	6277H	Dowel Pin	76	7384H	Reverse Idler Shaft
			77	1167R	Sealing Washer
			78	9858M1	Woodruff Key

**repair parts**

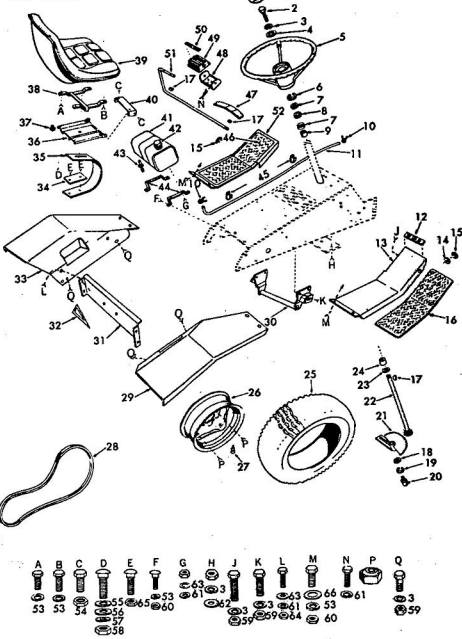
**ROPER HYDRO-13 GARDEN TRACTOR-MODEL NUMBER T32341R0  
MAIN FRAME, DASHBOARD AND GRILL**



**ROPER HYDRO 13 H.P. GARDEN TRACTOR-MODEL NUMBER T32341R0  
MAIN FRAME, DASHBOARD AND GRILL**

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	5626R	Grill Cable	60	5109R	Filter Mounting I
2	6960R	Decal-Hydro 13	61	634A35S	Hanger Weldment
3	7801E	Decal-Strip-Short	62	6204R	Oil Filter Shield
4	6956R	Decal-Roper	63	6271R	Neutral Adjuster
5	6955R	Decal-Roper Logo	64	6920R	Battery Support I
6	5138R	Decal-Intelligence	65	6077R	Task and Battery
7	3632R	Grill-Upper	66	3657R	Bracket-L.H.
8	634A597	Head Weldment	67	1360R	Cover-L.H.
9	7000R	Decal-Strip-Med.	68	2689R	Cover-R.H.
10	634A592	Switch Bracket Assembly	69	634A37S	Battery Support M
11	3631R	Grill-Screen-Upper	70	2685R	with Bearing (inc
12	2521R	Insulated Clip for Tail Light	71	9776H	68)
13	2520R	Spacer	72	3929H	Battery Tray
14	628A02B	Heat Shield Weldment	73	5263R	Check Control Cl
15	9540H	Locknut	74	30243P	Lock Nut
16	648R	Exhaust Pipe	75	9764H	Stationary Screen
17	4096R	Muffler Support	76	6252R	Engine, H.P. E
18	3976R	Muffler	77	4653R	Station Type No.
19	4443R	Grill-Brace	78	2212R	Check Control
20	2677R	Grill-Lower	79	2211R	Decal-Over-Lowes
21	4171R	Insulated Clip	80	5123R	Throttle Remote C
22	2674R	Grill-Screen-L.H.	81	1003P	Fuse
23	2673R	Grill-Screen-R.H.	82	1002P	Fuse Holder
24	2678R	Grill-Side	83	1504P	Dashboard
25	4939M	Retainer Spring	84	1513P	Lockwasher 5/16
26	3154P	Marined Filter Hd.	85	1004P	Lockwasher 3/8
27	634A663	Machine Screw 1/20 x 2 1/2	86	501P	Washer 15/32 x 13
28	8238H	Split Spacer	87	1527P	Hex Nut 3/8-16
29	347H	Huglock Nut	88	501P	Lockwasher No. II
30	4996R	Ball Retainer	89	305P	Hex Nut No. 10-24
31	8704H1	Ball Retainer	90	1605H	Locknut 1/20 UNC
32	634A688	Ball Guide Weldment	91	6076R	Spacer
33	634A697	Engine Pulley with Set Screws (inc. Key No. II)	92	5551P	Hex Washer Hd. Th
34	9296E	Square Key 1/2	93	3014P	Screw 1/20 UNC x 1
35	6433H	Front Channel Cover Support	94	302P	Hex Bolt 3/8-16 x 1
36	6489H	Hinge	95	3027P	Hex Nut 1/20
37	634A42B	Front Channel Cover and Weld Bolts	96	2010P	Hex Bolt 5/16-18 x 1
38	634A409	Grill Spacer	97	3022P	Hex Bolt 3/8-16 x 1
39	434A389	Engine Mount Assembly	98	3023P	Hex Bolt 3/8-16 x 1
40	4379H	Handle Grip	99	3019P	Hex Bolt 5/16-18 x 1
41	7810H	Gripco Centerlock Nut 3/8-24	100	3017P	Hex Bolt 5/16-18 x 1
42	3013P	Hex Bolt 5/16-18 UNC x 1 1/2	101	3011P	Hex Bolt 5/16-18 x 1
43	634A494	Hanger Weldment-R.H., Front	102	3017P	Hex Bolt 5/16-18 x 1
44	1607E	Washer	103	3017P	Hex Bolt 5/16-18 x 1
45	634A493	Attachment Clutch Lever Assembly	104	3017P	Hex Bolt 5/16-18 x 1
46	5999H	Spring Washer	105	3017P	Hex Bolt 5/16-18 x 1
47	634A491	Belt Tightener Arm and Idler Shaft	106	3017P	Hex Bolt 5/16-18 x 1
48	1003P	Lockwasher 5/16	107	3017P	Hex Bolt 5/16-18 x 1
49	304P	Hex Nut 3/8-16 UNC	108	3017P	Hex Bolt 5/16-18 x 1
50	7269R	Safety Switch	109	3017P	Hex Bolt 5/16-18 x 1
51	5501P	Pin Head Phillips Thread Cutting Screw No. 10-24 UNC x 3/8 Type T	110	3017P	Hex Bolt 5/16-18 x 1
52	634A653	Chassis Assembly with Bearings	111	3017P	Hex Bolt 5/16-18 x 1
53	9808R	U-Bolt Axle Clamp	112	3017P	Hex Bolt 5/16-18 x 1
54	1004P	Lockwasher 3/8	113	3017P	Hex Bolt 5/16-18 x 1
55	501P	Hex Nut 3/8-16 UNC	114	3017P	Hex Bolt 5/16-18 x 1
56	634A638	Dweller Weldment	115	3017P	Hex Bolt 5/16-18 x 1
57	6143R	Decal-by-Pass Valve	116	3017P	Hex Bolt 5/16-18 x 1
58	5628R	Decal-Parking Brake	117	3017P	Hex Bolt 5/16-18 x 1
59	6251R	Decal-Disrupter	118	3017P	Hex Bolt 5/16-18 x 1

ROPER HYDRO 13 H.P. GARDEN TRACTOR—MODEL NUMBER T33241RO  
SEAT AND STEERING



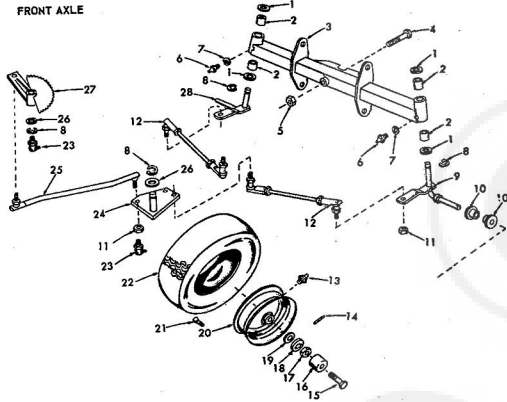
ROPER HYDRO 13 H.P. GARDEN TRACTOR—MODEL NUMBER T33241RO

SEAT AND STEERING

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	6541R	Steering Wheel Cap	41	2699R	Fuel Tank
2	9021P	Hex Bolt 3/8-16 x 1	42	9769H	Fuel Gauge
3	1004P	Lockwasher 3/8	43	819R	Fuel Line Fitting
4	1599P	Washer 7/16 x 1 1/8 x 16 Co.	44	2653R	Bracket-Fuel Tank
5	3644R	Steering Wheel	45	6794R	Clip-Fuel Line
6	303P	E-Ring	46	2641R	Foot Rest Pad-L.H.
7	9007H	Cap	47	9008H	Spring
8	5949H	Rubber Bushing	48	8763H	Foot Pedal Bracket
9	6460H	Bearing	49	1002P	Foot Pedal
10	6999R	Hose Clamp	50	1244R	Foot Pedal Plate
11	3646R	Fuel Line	51	4075R	Foot Pedal Bolt
12	2267R	Decal (Attach. Clutch)	52	634A50P	Foot Rest w/Bolts L.J.
13	634A57O	Foot Rest w/Bolts R.H.	53	1003P	Lockwasher 5/16
14	1527P	Washer 21/32 x 7/8 x 16 Co.	54	503P	Locknut 3/8-16 Grade
15	5001P	E-Ring	55	1578P	Washer 1/2-1/8 x 11 C
16	3642R	Foot Rest Pad R.H.	56	1500P	Washer 17/32 x 1/8 x 11
17	9858M1	Woodruff Key 3/16 x 5/8	57	1000P	Lockwasher 1/2
18	1532P	Washer 49/64 x 1/8 x 16 Co.	58	502P	Hex Nut 1/2-16
19	5000P	E-Ring	59	501P	Hex Nut 3/8-16
20	6842H	Grease Fitting	60	504P	Hex Nut 5/16-18
21	634A95	Steering Gear Sector & Arm	61	1002P	Lockwasher 1/2
22	634A426	Steering Shaft & Pinion	62	1513P	Washer 13/21 x 13/16 x
23	1533P	Washer 57/64 x 1/8 x 16 Co.	63	1566P	Washer 9/32 x 5/8 x 16
24	4766H	Bearing	64	503P	Hex Nut 1/2-20
25	3638R	Rear Tire 23 x 9.50-12	65	552P	Locknut 3/8-16 UNC
26	7229H	Rear Wheel	66	1537P	Washer 11/32 x 11/16 x
27	793R	Tire Valve	A	9009P	Hex Bolt 5/16-18 x 5/8
28	6095R	V-Belt (Ground Drive)	B	3010P	Hex Bolt 5/16-18 x 1
29	634A393	Bracket & Insert-R.H.	C	3022P	Hex Bolt 3/8-16 x 7/8
30	634A302	Hanger-Rear	D	321P	Carriage Bolt 3/8-16 x
31	3635P	Bracket-Tail Light	E	502P	Carriage Bolt 3/8-16 x
32	3229P	Safety Standard Stick	F	16P	Carriage Bolt 5/16-18
33	634A45	Fender & Insert-L.H.	G	500P	Hex Nut 1/2-20
34	8141H	Seat Spring Reinforcement	H	501P	Hex Nut 3/8-16
35	3646R	Seat Spring	J	3014P	Hex Bolt 3/8-16 x 1 1/4
36	634A33	Seat Piston Weldment	K	3023P	Hex Bolt 3/8-16 x 1
37	5424R	Seat Bumper (For Seat Spring)	L	3114P	Hex Nut 1/2-20 x 7/8
38	634A332	Seat Bracket Weldment	M	16P	Carriage Bolt 5/16-18
39	4989R	Seat	N	3003P	Hex Nut 1/2-20 UNC x 1
40	2653R	Bracket Seat Pivot	P	5137R	Lug Nut
			Q	3021P	Hex Bolt 3/8-16 x 1
				6808R	Owners Manual

ROPER HYDRO 13 H.P. GARDEN TRACTOR—MODEL NUMBER T33241RO

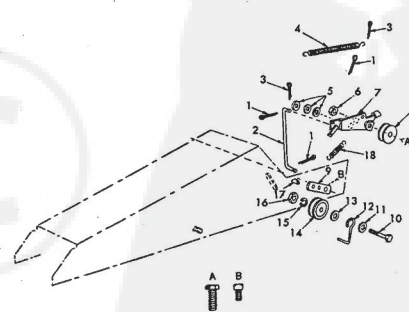
FRONT AXLE



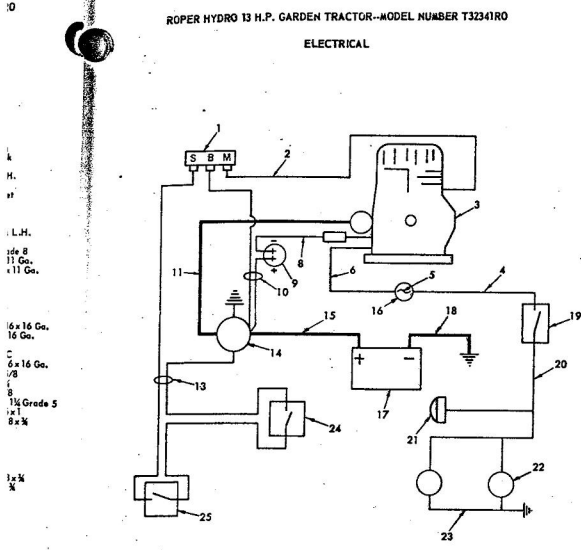
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	1528P	Washer 13/16 x 1 1/8 x 14 Co.	15	3008P	Hex Bolt 5/16-18 x 5
2	1399H	Bearing	16	8763H	Dist. Cap-Outer
3	634A521	Front Axle with Bearings (Inc. Key No. 2)	17	4631H	Elastic Nut 3/4-16 UNF
4	3294P	Hex Bolt 5/8-11 x 5 H.T.	18	8783H	Wear Washer
5	4764H	Huglock Nut 5/8-11 UNC	19	1500P	Washer 23/32 x 1 1/8 x 16 Co.
6	6855M	Grease Fitting	20	3636R	Front Wheel
7	1505P	Washer 9/32 x 1/8 x 14 Co.	21	793R	Tire Valve
8	5000P	E-Ring	22	2938R	Front Tire-Tubeless 16-6.50 x 8
9	634A277	Spindle Complete-R.H.	23	6842H	Grease Fitting
10	9040H	Flanged Bearing	24	634A98	Steering Ball Crank Weldment
11	781DH	Gripco Centerlock Nut, 3/8-24 UNF	25	9319H	Drop Link and Joint
12	1808R	Tie Rod and Joints	26	1532P	Washer 49/64 x 1/8 x 16 Co.
13	6856M	Grease Fitting 1/8 Taper Thread	27	634A95	Steering Gear Sector and Arm
14	8798H	Roll Pin 5/32 x 1	28	634A278	Spindle Complete-L.H.

ROPER HYDRO-13 GARDEN TRACTOR—MODEL NUMBER T33241RO

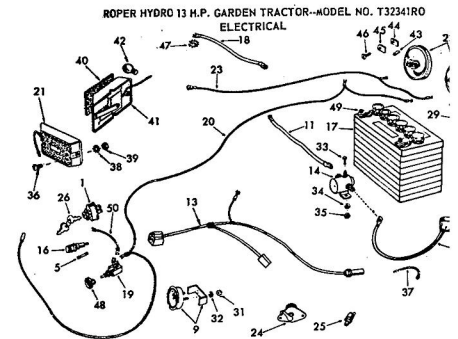
CLUTCH



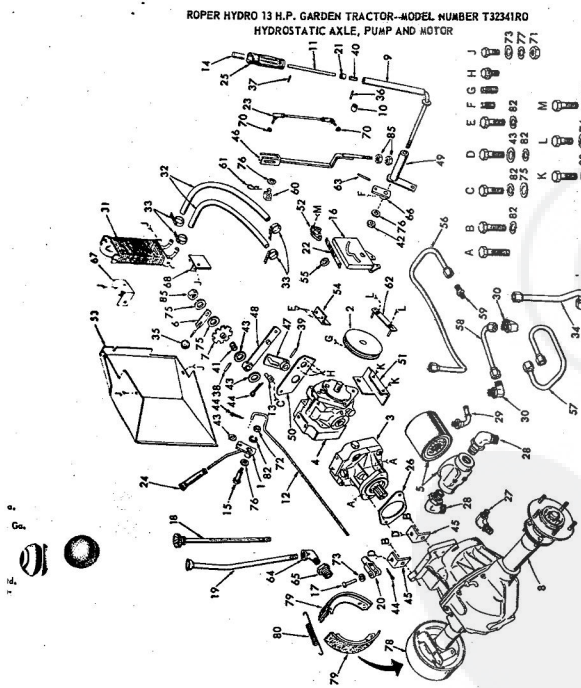
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	2505P	Cotter Pin 1/8 x 1/2	10	3262P	Hex Bolt 7/16-14 x 2
2	6460H	Clutch Rod	11	1518P	Washer 15/32 x 11/16
3	2514P	Cotter Pin 1/2 x 1	12	1592R	Bolt Guide Finger
4	6460H	Spring	13	1520P	Washer .469 I.D. x 1-1/2
5	1540P	Washer 17/32 x 1 1/8 Co.	14	5616R	Flat Idler
6	548P	Hex Jam Lock Nut 3/8-24 UNF	15	1001P	Lockwasher 7/16
7	634A538	Idler Bracket Weldment	16	500P	Hex Nut 7/16-14
8	634A86	Idler, Bolt and Nut (Inc. Key No. 7 and 6)	17	1968M1	Woodruff Key 3/16 x 1
9	626A31A	Steering Arm Assembly	18	4301H	Spring
			A	5022P	Hex Bolt 3/8-24 UNI
			B	4501P	Sq. Hd. Set Screw C 18 x 7/8



1.6 x 16 Co.  
16 Co.  
1.6 x 16 Co.  
1/8  
1/8 Grade 5  
1 x 1  
8 x 3/4



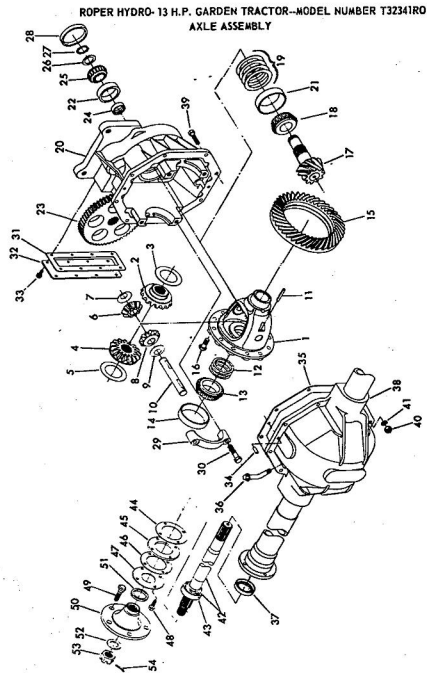
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	2210R	Starter Switch (Inc. Key No. 26)	27	5748M	Wing Nut
2	2228R	Electrical Wire (Ignition Switch "M" - to Engine Mop.)	28	1509P	Washer 5/16 x 3/4 x 1
3	302437	Engine - 13 H.P. Briggs & Stratton Type No. G145-01	29	5110H	Battery Clamp
4	2228R	Electrical Wire (Fuse to Light Switch)	30	5077H	Battery Bolt
5	2212R	Fuse	31	543P	Hex Nut No. 10-32
6	2233R	Electrical Wire (Ammeter to Engine, Alternator, Engine)	32	1005P	Lockwasher No. 11
8	4444R	Ammeter	34	1002P	Hex Nut 1/2-20
9	5212R	Electrical Wire (Ign. Sw. "B" to Ammeter)	36	3073P	Lockwasher 1/2
10	3830R	Battery Cable (Solenoid to Starter)	37	2777R	Hex Nut 1/2-20
11	2228R	Electrical Wire (Ammeter to Solenoid)	38	1404P	External Tooth Lock No. 10
14	6094R	Solenoid	39	505P	Hex Machine Screw 10-24
14	103R	Solenoid	40	3868R	Lens (Tail Light)
15	634A490	Cover & Cable (Battery "plus" to Solenoid "B")	41	3869R	Housing (Tail Light)
16	2211R	Fuse Holder	42	3867R	Bulb
17	9855H	Battery	43	9197H	Hose (On Grill Heating Pipe)
18	6489R	Ground Cable (Battery "minus" to Ground)	44	8784H1	Rubber Spacer
19	5753H	Light Switch (Inc. Key No. 48)	45	9768H	Mounting Clip
20	3773R	Lead Wire (Light Switch to Lights)	46	5110H	Phillips Pan Hd. T Screw No. 10-24 L
21	3737R	Tail Light	47	9767H	External Lock wash
22	7034H	Headlight	48	1402P	Light Switch Knob
23	2834R	Ground Wire Headlight	49	5033P	Hex Nut 1/2-20
24	2249R	Safety Switch (For Mower Interlock)	50	2228R	Electrical Wire (F. Light Switch)
25	3249R	Neutral Safety Switch			
26	7555H	Key			



1.6 x 16 Co.  
16 Co.  
1.6 x 16 Co.  
1/8  
1/8 Grade 5  
1 x 1  
8 x 3/4

ROPER HYDRO 13 H.P. GARDEN TRACTOR--MODEL NUMBER T32341R0  
HYDROSTATIC AXLE, PUMP AND MOTOR

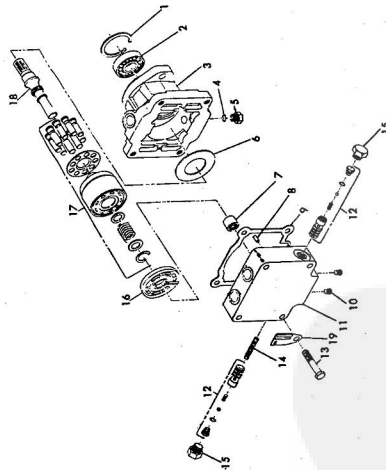
KEY PART NO.	DESCRIPTION	KEY PART NO.	DESCRIPTION
1	63222Z	51	63222Z
2	63099R	52	63099R
3	63099R	53	63099R
4	63099R	54	63099R
5	63099R	55	63099R
6	63099R	56	63099R
7	63099R	57	63099R
8	63099R	58	63099R
9	63099R	59	63099R
10	63099R	60	63099R
11	63099R	61	63099R
12	63099R	62	63099R
13	63099R	63	63099R
14	63099R	64	63099R
15	63099R	65	63099R
16	63099R	66	63099R
17	63099R	67	63099R
18	63099R	68	63099R
19	63099R	69	63099R
20	63099R	70	63099R
21	63099R	71	63099R
22	63099R	72	63099R
23	63099R	73	63099R
24	63099R	74	63099R
25	63099R	75	63099R
26	63099R	76	63099R
27	63099R	77	63099R
28	63099R	78	63099R
29	63099R	79	63099R
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33	63099R	83	63099R
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35	63099R	85	63099R
36	63099R	86	63099R
37	63099R	87	63099R
38	63099R	88	63099R
39	63099R	89	63099R
40	63099R	90	63099R
41	63099R	91	63099R
42	63099R	92	63099R
43	63099R	93	63099R
44	63099R	94	63099R
45	63099R	95	63099R
46	63099R	96	63099R
47	63099R	97	63099R
48	63099R	98	63099R
49	63099R	99	63099R
50	63099R	100	63099R



ROPER HYDRO 13 H.P. GARDEN TRACTOR--MODEL NUMBER T32341RO  
AXLE ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION
1	7179R	Weld Plug
2	7174R	Weld Plug
3	7174R	Weld Plug
4	7174R	Weld Plug
5	7174R	Weld Plug
6	7166R	Diff. Gear (Set of Two)
7	7166R	Diff. Gear Thrust Washer
8	7166R	Diff. Pinion (Set of Two)
9	7166R	Diff. Pinion Mates (Set of Two)
10	7166R	Diff. Pinion Mates (Set of Two)
11	7166R	Diff. Pinion Mates (Set of Two)
12	7166R	Diff. Pinion Mates (Set of Two)
13	7166R	Diff. Pinion Mates (Set of Two)
14	7166R	Diff. Pinion Mates (Set of Two)
15	7166R	Diff. Pinion Mates (Set of Two)
16	7166R	Diff. Pinion Mates (Set of Two)
17	7166R	Diff. Pinion Mates (Set of Two)
18	7166R	Diff. Pinion Mates (Set of Two)
19	7166R	Diff. Pinion Mates (Set of Two)
20	29&30	7172R
21	7200R	Rolling Brg. Comp.
22	7200R	Rolling Brg. Comp.
23	7200R	Rolling Brg. Comp.
24	7200R	Rolling Brg. Comp.
25	7200R	Rolling Brg. Comp.
26	7200R	Rolling Brg. Comp.
27	7200R	Rolling Brg. Comp.
28	7200R	Rolling Brg. Comp.
29	7200R	Rolling Brg. Comp.
30	3399P	7172R
31	7200R	Rolling Brg. Comp.
32	7200R	Rolling Brg. Comp.
33	7200R	Rolling Brg. Comp.
34	7200R	Rolling Brg. Comp.
35	7200R	Rolling Brg. Comp.
36	7200R	Rolling Brg. Comp.
37	7200R	Rolling Brg. Comp.
38	7200R	Rolling Brg. Comp.
39	7200R	Rolling Brg. Comp.
40	7200R	Rolling Brg. Comp.
41	7200R	Rolling Brg. Comp.
42	7200R	Rolling Brg. Comp.
43	7200R	Rolling Brg. Comp.
44	46 & 47	7180R
45	7200R	Rolling Brg. Comp.
46	7200R	Rolling Brg. Comp.
47	7200R	Rolling Brg. Comp.
48	7200R	Rolling Brg. Comp.
49	7200R	Rolling Brg. Comp.
50	7200R	Rolling Brg. Comp.
51	7200R	Rolling Brg. Comp.
52	7200R	Rolling Brg. Comp.
53	7200R	Rolling Brg. Comp.
54	7200R	Rolling Brg. Comp.

ROPER HYDRO 13 H.P. GARDEN TRACTOR--MODEL NUMBER T32341RO  
HYDROSTATIC MOTOR ASSEMBLY

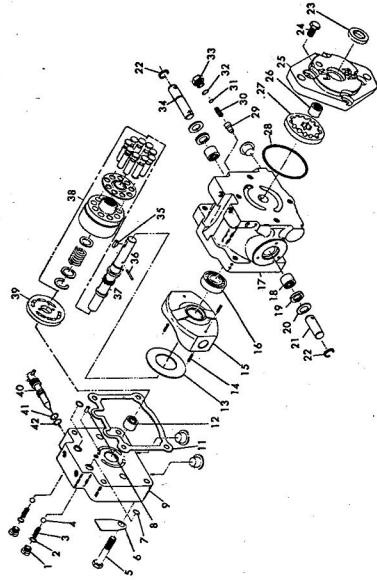


ROPER HYDRO 13 H.P. GARDEN TRACTOR--MODEL NUMBER T32341RO  
HYDROSTATIC MOTOR ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION
1	7200R	Resilient Ring
2	7200R	Ball Bearing
3	7200R	Ball Bearing
4	7200R	Ball Bearing
5	7200R	Ball Bearing
6	7200R	Ball Bearing
7	7200R	Ball Bearing
8	7200R	Ball Bearing
9	7200R	Ball Bearing
10	7200R	Ball Bearing
11	7200R	Ball Bearing
12	7200R	Ball Bearing
13	7200R	Ball Bearing
14	7200R	Ball Bearing
15	7200R	Ball Bearing
16	7200R	Ball Bearing
17	7200R	Ball Bearing
18	7200R	Ball Bearing
...	6344729	Complete Motor Assembly

1R0

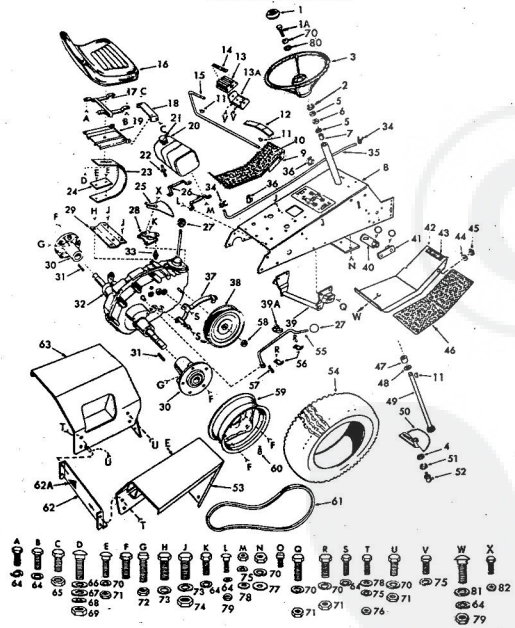
ROPER HYDRO 13 H.P. GARDEN TRACTOR—MODEL NUMBER T32341R0  
HYDROSTATIC PUMP ASSEMBLY



ROPER HYDRO 13 H.P. GARDEN TRACTOR—MODEL NUMBER T32341R0  
HYDROSTATIC PUMP ASSEMBLY

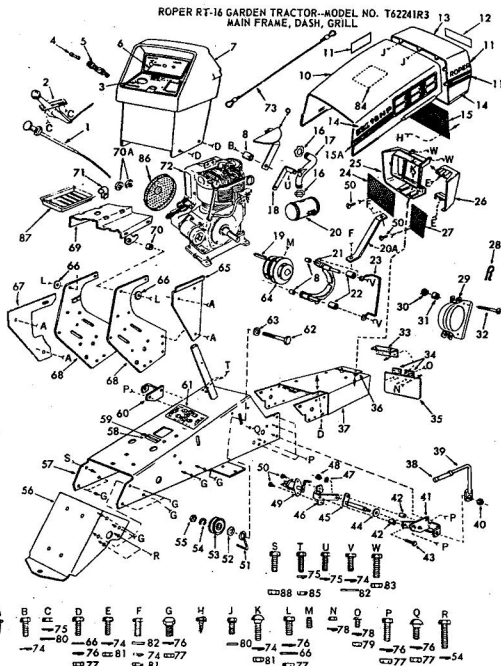
KEY NO.	PART NO.	DESCRIPTION
25	7248R	Check Valve Kit
26	7248R	Hex Head Cap Screw
27	7248R	U <sup>o</sup> Ring
28	7248R	Headless Sh. Pin
29	7247R	U <sup>o</sup> Ring
30	7248R	Gasket
31	7248R	Castor
32	7251R	Thrust Pin
33	7251R	Sealed Spring Pin
34	7252R	Ball Bearing
35	7254R	Ball Bearing
36	7254R	Washer
37	7254R	Washer
38	7254R	Washer
39	7257R	Washer
40	7257R	Washer
41	7257R	Washer
42	7257R	Washer
43	7257R	Washer
44	7257R	Washer
45	7257R	Washer
46	7257R	Washer
47	7257R	Washer
48	7257R	Washer
49	7257R	Washer
50	634430	Complete Pump Assembly

repair parts ROPER RT-16 GARDEN TRACTOR—MODEL NO. T62241R3  
STEERING AND FINAL DRIVE



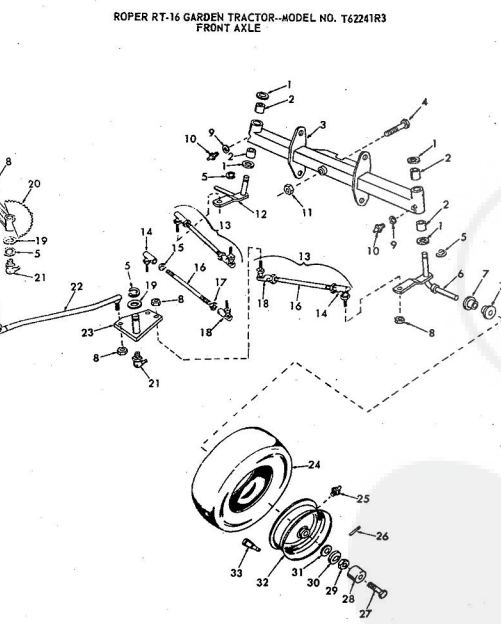
ROPER RT-16 GARDEN TRACTOR—MODEL NO. T62241R3  
STEERING AND FINAL DRIVE

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	6961R	Steering Wheel Cap	51	5000P	E-Ring
1A	3023P	Hex Bolt 3/8-16x1	52	6842A	Grease Fitting
2	5002P	E-Ring	53	634A593	Fender and Inx
3	3644R	Steering Wheel	54	3638R	Rear Tire Tube
4	1532P	Washer 49/64x1 1/2x16 Gs.	55	4474H	Range Shift Ro
5	3007H	Cap	56	6442H	Shift Rod Brck
6	5949H	Rubber Bushing	57	2511P	Cotter Pin 3/16
7	6468H	Bearing	58	9204H	Lockout 3/20
8	634A526	Chassis Ass'y w/Bearings	59	7220H	Rear Wheel
9	634A509	Foot Rest w/Bolts L.H.	60	795R	Tire Valve
10	3641R	Foot Rest Pad L.H.	61	2295R	V-Belt (Ground
11	9858M1	Wodruff Key 3/16x5/8	62	3625R	Bracket-Tail Li
12	9008H	Spring	63	3239R	Safety Str. Strc
13	1062R	Foot Pedal	64	634A594	Fender and Inx
13A	8765H	Foot Pedal Bracket	65	1500P	Lockwasher 5/16
14	1244H	Foot Pedal Plate	66	5394H	Lockout 3/8-16
15	8761H	Foot Pedal Shaft	67	1578P	Washer 1/2x1-1/2
16	4898R	Seat	68	1560P	Washer 17/32x
17	634A532	Seat Bracket Weldment	69	1000P	Lockwasher 3/8
18	2663R	Seat Pivot Bracket	70	522P	Hex Nut 3/8-16
19	634A533	Seat Plate Weldment	71	1004P	Lockwasher 3/8
20	2693R	Fuel Tank	72	201P	Hex Nut 3/8-16
21	7292R	Fuel Tank Cap and Gouge	73	508P	Hex Nut 3/8-16
22	815R	Fuel Line Fitting	74	1001P	Lockwasher 7/16
23	5404R	Seat Spring	75	509P	Hex Nut 7/16-1
24	814H	Seat Spring Reinforcement	76	1002P	Lockwasher 3/4
25	2650R	Neutral Safety Am	77	503P	Hex Nut 5/20
26	2650R	Bracket-Fuel Tank	78	1313P	Washer 13/32x
27	6364H	Control Knob	79	1504P	Washer 9/32x5
28	634A731	Neutral Safety Support Ass'y	80	924P	Hex Nut 5/16-11
29	4459H	Transmission Bracket	81	1559P	Washer 7/16x1
30	8778H	Wheel Hub-Rear	82	1532P	Washer 11/32x
31	8327H	Sp. Key 1/2x3	83	257P	Hex Jam Lockin
32	634A38	Transmission (Transaxle)	84	3003P	Hex Bolt 5/16-16
33	3249R	Less Brake Drum	85	3010P	Hex Bolt 5/16-16
34	7360R	Neutral Safety Switch	86	3022P	Hex Bolt 3/8-11
35	3664R	Fuel Line	87	28P	Carriage Bolt 3/8
36	6748R	Clip-Fuel Line	88	3024P	Carriage Bolt 3/8
37	634A22A	Belt Guide	89	3025P	Carriage Bolt 3/8
38	6461H2	Transmission (Transaxle)	90	4501P	Sp. Hd. Set Scre
39	634A362	Bracket-Fuel Tank	91	3023P	Hex Bolt 3/8-16
39A	2521R	Hanger-Belt	92	3022P	Hex Bolt 3/8-16
40	634A388	Brake Arm Ass'y	93	3010P	Hex Bolt 5/16-16
41	634A31A	Steering Arm Ass'y	94	3003P	Hex Bolt 5/16-16
42	634A570	Foot Rest w/Bolts R.H.	95	3021P	Hex Bolt 3/8-16
43	2867R	Diect (Attach. Clutch)	96	3002P	Hex Bolt 5/16-16
44	1522P	Washer 21/32x7/8x16 Gs.	97	3021P	Hex Bolt 3/8-16
45	3001P	E-Ring	98	3021P	Hex Bolt 3/8-16
46	3642R	Foot Rest Pad R.H.	99	3002P	Hex Bolt 5/16-16
47	4766H	Bearing	100	3021P	Hex Bolt 3/8-16
48	1532P	Washer 47/64x1 1/2x16 Gs.	101	3002P	Hex Bolt 5/16-16
49	634A26	Steering Shaft & Pinion	102	3021P	Hex Bolt 3/8-16
50	634A95	Steering Gear Sector & Am	103	3021P	Hex Bolt 3/8-16



**ROPER RT-16 GARDEN TRACTOR--MODEL NO. T62241R3**  
MAIN FRAME, DASH, GRILL

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION	
1	9764H	Choke Control	58	-----	Model Number Plate	
2	4653R	Throttle Remote Control	59	9251H	Drive Rivet for Model P	
3	6522R	Decal/Dash Lower	60	634A455	Hanger Weldment-L.H.	
4	2212R	Fuse	61	6965R	Shift Pattern Plate	
5	2211R	Fuse Holder	62	3115P	Hex Bolt 7/16 x 1 1/2	
6	6251R	Decal/Dash Upper	63	1518P	Washer 15/32 x 1 1/16 x 1	
7	6405R	Dashboard	64	634A404	Engine Pulley w/Set Sc (Int. Key Letter A)	
8	2550R	Bushing	65	1360R	Cover-R.H.	
9	634A408	Heat Shield Weldment	66	1513P	Washer 13/32 x 13/16 x 1	
10	634A597	Hood Weldment	67	3657R	Cover-L.H.	
11	6956R	Decal-Grill	68	6920R	Tank and Battery Suppo Bracket	
11A	7001R	Hood & Grill Strip Short	69	634A575	Battery Support Weldment	
12	6959R	Scotchlo-Topper	70	2689R	W/Bearings	
13	3632R	Grill-Upper	71	3929H	Bearing	
14	1062R	Decal-Upper	72A	3929H	Lock Nut	
15	3631R	Grill Screen-Upper	71	326437	Choke Control Clip	
15A	7000R	Hood & Grill Strip-Med.	70A	7000R	Engine, 16 H.P., Briggs Stratton Type No. 01644	
16	9360H	Lock Nut	72	1002P	Grill Cable	
17	6488R	Exhaust Pipe	74	1002P	Lockwasher 5/16	
18	4096R	Muffler Support	75	1002P	Lockwasher 1/2	
19	9396E	Sp. Key 1/2 x 2	76	1004P	Lockwasher 3/8	
20	3801R	Muffler	77	501P	Hex Nut 3/8-16	
20A	4443R	Grill Brace	78	1006P	Lockwasher No. 10	
21	634A394	Belt Guide Assembly	79	945P	Hex Nut No. 10-24	
22	8704H1	Spacer	80	1506P	Washer 9/32 x 9/16 x 1/16	
23	648R	Belt Retainer	81	504P	Hex Nut 5/16-18 UNC	
24	2674R	Grill Screen-L.H.	84	4821R	Washer 11/32 x 11/16 x 1/16	
25	2677R	Grill-Lower	83	1605H	Lockwasher 1/2	
26	2678R	Grill-Side	85	502P	Maintenance Decal	
27	2679R	Grill Screen-R.H.	84	4821R	Hex Nut 1/2-20 UNC	
28	4939M	Retainer Spring	85	1605H	Lockwasher 1/2	
29	634A659	Belt Guide Weldment	86	5263R	Maintenance Decal	
30	347H	Hoglock Nut	87	2816R	Hex Nut 1/2-20 UNC	
31	8228H	Split Spacer	88	5394H	Stationary Screen	
32	3154P	Sloated Filter/Hd. Machine Screw 1/2-20 x 2 1/2	88	2816R	Battery Tray	
33	6423H	Front Channel Cover Support	A	5351P	Locknut	
34	6485H	Hinge	B	3014P	Hex Washer Hd. Thrd. Cu Screw 1/2-20 UNC x 1 1/2	
35	634A28	Front Channel Cover and Weld Bolt	C	503P	Hex Nut 1/2-20	
36	634A409	Grill Spacer	D	3022P	Hex Bolt 3/8-16 x 1 1/2	
37	634A389	Engine Assembly	E	3010P	Hex Bolt 5/16-18 x 1 1/2	
38	4379H	Handle Grip	F	3011P	Hex Bolt 5/16-18 x 1	
39	634A493	Blade Clutch Lever Assembly	G	3023P	Hex Bolt 3/8-16 x 1	
40	7810H	Gripco Centerlock Nut 3/8-24	H	5583P	Pen Hd. Phillips Thd. Cutting Screw No. 10-24 x 1/2	
41	634A494	Hanger Weldment-R.H., Front	I	48	3023P	Tooth Lockwasher 1/2 x 1/2
42	1607E	Dusting	K	4P	Carriage Bolt 5/16-18 UN	
43	3013P	Hex Bolt 5/16-18 UNC x 1 1/2	L	3023P	Hex Bolt 3/8-16 x 1	
44	5999H	Spring Washer	M	4514P	Hex Socket Headless Set Screw C.P. 5/16-18 x 5/8	
45	634A491	Belt Tightener Arm and Idler Shaft	N	505P	Hex Nut No. 10-24	
46	634A492	Switch Bracket Assembly	O	3122P	Slotted Truss Hd. Mach. Screw No. 10-24 x 3/8	
47	1003P	5/16 Lockwasher	P	3127P	Carriage Bolt 5/8-16 UNC	
48	504P	Hex Bolt 5/16-18 UNC Hex Nut 5/16-18	Q	28P	1 H.I.	
49	2246R	Safety Switch	R	3035P	Hex Bolt 7/16-14 x 1 1/2	
50	5501P	Pen Head Phillips Threaded Cutting Screw No. 10-24 UNC x 3/8	S	3031P	Hex Bolt 3/8-16 UNC x 1/2	
51	6479H1	Grill Finger	T	3113P	Hex Bolt 1/2-20 UNC x 5/8	
52	1502P	Washer, 409 I.D., 1-1/8 x 11 Ga.	U	3015P	Hex Bolt 1/2-20 UNC x 5/8	
53	6639H	Flot Idler	V	3015P	Hex Bolt 5/16-18 UNC x 2	
54	1001P	Lockwasher 7/16	W	7247P	Hex Bolt 1/2-20 UNC x 1 1/2 H	
55	500P	Hex Nut 7/16-14	---	6897R	Owners Manual	
56	634A387	Drawbar Weldment				
57	634A526	Chassis Assembly W/Bearings				



**ROPER RT-16 GARDEN TRACTOR--MODEL NO. T62241R3**  
FRONT AXLE

KEY NO.	PART NO.	DESCRIPTION
1	1528P	Washer 13/16 x 1 1/2 x 14 Ga.
2	1309H	Bearing
3	634A521	Front Axle w/Bearings (Includes Key No. 2)
4	3294P	Hex Bolt 5-8-11 x 5 Grade 5
5	500P	E-Ring
6	634A277	Spindle Complete R.H.
7	3042H	Flanged Bearing
8	7810H	Gripco Locknut 3-24
9	1503P	Washer 9/32 x 1 1/4 x 14 Ga.
10	6863H	Grease Fitting
11	4764H	Hoglock Nut 5 8 x 11
12	634A278	Spindle Complete L.H.
13	5995R	Tie Rod and Joints (Complete)
14	6940R	Tie Rod Joint (R.H. Thread Cod. Pin)
15	558P	Hex Jam Nut 1/2-20 (R.H. Thread)
16	634A711	Tie Rod and Nuts
17	559P	Hex Jam Nut 1/2-20 (L.H. Thread)
18	6939R	Tie Rod Joint (L.H. Thread Yellow Dichromate)
19	1552P	Washer 49 64 x 1 1/4 x 16 Ga.
20	634A495	Steering Gear Sector and Arm
21	6842M	Grease Fitting
22	6448R	Drag Link and Joints
23	634A498	Steering Bell Crank Weldment
24	3838R	Front Tire-Tubeless
25	8858M	Grease Fitting 1/4" -28 Taper Thrd.
26	8798H	Roll Pin 5/32 x 1
27	3008P	Hex Bolt 5/16 - 18 x 1/2
28	8763H	Dust Cap-Cover
29	4831H	Elastic Nut 3/4 - 16
30	8785H	Wear Washer
31	1603P	Washer 25/32 x 1 1/2 x 16 Ga.
32	2168R	Front Wheel and Bearings
33	795R	Tire Valve



er Plate  
for Model Plate  
Sheet H, Front  
Plate  
16-14-25  
2x 11/16 x 16 G  
ny 5/16 Screws  
A)

2x 13/16 x 16 G.  
1  
ery Support  
at Weldment

Clip  
P. Briggs and  
No. 0124-01

76

8

10

24

3/8 x 16 Gs.

1 U.N.C.

17/16 x 16 Gs.

at

1 C

Thr'd. Cutting

x 1/2

1 3/2

x 1/2

1

Thr'd.

10-24 x 3/8 Type 1

Screw W/Sem

1/2-20 x 5/8

1-18 U.N.C. x 2

1 1/2 Set

1 1/2 x 5/8

1 1/2

1 1/2 H.T.

1 U.N.C. x 2

1 1/2

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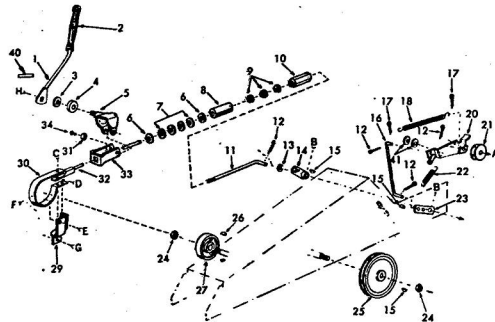
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### ROPER RT-16 GARDEN TRACTOR—MODEL NO. T62241R3 BRAKE AND CLUTCH



### ROPER RT-16 GARDEN TRACTOR—MODEL NO. T62241R3 BRAKE AND CLUTCH

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	626A294	Parking Lock Handle Assembly	26	2228M1	Woodruff Key 3/16
2	4379H	Handle Grip	27	764B11	Brake Drum
3	3999H	Spring Washer	29	634A168	Brake Bracket Assy
4	2221R	Parking Brake Spacer	30	634A167	Brake Band and Lin
5	634A689	Lock Bracket Assembly	31	9071H	Hooklock Nut 1/2-28 L
6	1537P	Washer 13/22 x 13/16 x 11 Gs.	32	626A265	Brake Rod Assembly
7	2263R	Spring Washer	33	2197R	Parking Brake Yoke
8	2201R	Washer	34	2536P	Hex Bolt 1/2 x 5/8-21
9	501P	Hex Nut 3/8-16 U.N.C.	35	1002P	Lockwasher 5/16
10	6417H	Turbuckle	36	1688H	Locket 5/16-18
11	2202R	Brake Rod-Front	37	1002P	Lockwasher 1/2
12	2505P	Cotter Pin 1/8 x 3/4	38	503P	Hex Nut 1/2-20
13	1513P	Washer 13/22 x 13/16 x 16 Gs.	39	1004P	Lockwasher 3/8
14	634A688	Brake Assy Assembly	40	175H	Roll Pin (In Chassis)
15	983M1	Woodruff Key 3/16 x 5/8	41	1545P	Parking Brake Stop
16	6406H	Clutch Rod	A	3022P	Washer 17/22 x 1
17	2514P	Cotter Pin 1/4 x 1	B	6501P	Hex Bolt 3/8-24 x 1
18	6486H	Spring	C	3159P	Hex Bolt 5/16-18 x 1/2
19	540P	Hex Jam Lock Nut 3/8-24 U.N.F.	D	11P	Sh. Neck Carriage E
20	634A538	Miter Bracket Assembly	E	3164P	Flat Hd. Machine Sc
21	634A686	Miter Bolt and Nut (Inc. Key Nut, 19 and A)	F	2004P	3/8-16 x 3/8
22	4301H	Steering Arm Assembly	G	3022P	Rivet, Brass Tubule
23	626A31A	Lock Nut 1/2-20 U.N.F.	H	7810H	Hex Bolt 3/8-16 x 7/8
24	5904H	Spring			Greeco Centerlock N
25	6461H2	Transaxle (Transmission) Pulley			

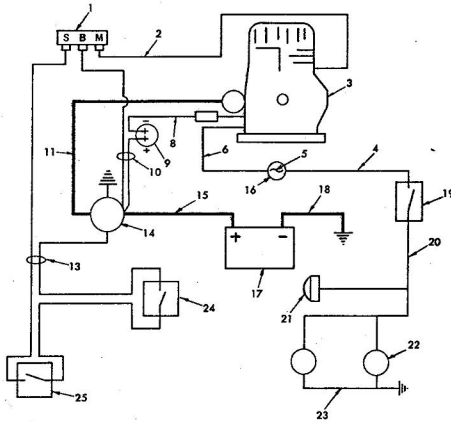
### ROPER RT-16 GARDEN TRACTOR—MODEL NO. T62241R3 ELECTRICAL



### ROPER RT-16 GARDEN TRACTOR—MODEL NO. T62241R3 ELECTRICAL

KEY NO.	PART NO.	DESCRIPTION
1	634A490	Cable and Cover (red)
2	503P	Hex Nut 1/2-20
3	985SH	Battery
4	3249R	Switch-Safety Start
5	3749M	Wing Nut
6	1509P	Washer 5/16 x 16 Gs.
7	5110H	Battery Clamp
8	5072H	Battery Bolt
9	2210R	Starter Switch (Inc. Key No. 10)
10	7552H	Key
11	2212R	Fuse
12	2222R	Lead Wire ("H" Post on Switch to Short Terminal on Engine)
13	2211R	Fuse Holder
14	1002P	Lockwasher 1/2
15	3115P	Hex Bolt 1/2-20 x 5/8
16	102R	Solenoid
17	543P	Hex Nut No. 10-32
18	1004P	Lockwasher No. 10
19	5212R	Ammeter
20	3867R	Bulb (Tail Light) No. 1895
21	3868R	Lens (Tail Light)
22	3869R	Housing (Tail Light)
23	3757R	Tail Light
24	3073P	Slotted Truss Hd. Mech. Screw No. 10-24 x 1/2
25	1404P	Lockwasher No. 10 External
26	505P	Hex Nut No. 10-24
27	9197H	Hinge (On Grill-Headlight Locating Pins)
28	9215H	Knob, For Light Switch
29	5732H	Light Switch (Includes Knob No. 28)
30	3773R	Lead Wire (Headlights to Switch) (Pink)
31	4171R	Insulated Clip
32	2777R	Tie
33	2894R	Ground Wire (Headlight to Ground) (Black)
34	7034H	Headlight
35	6501P	Phillips Pan Hd. Thd. Cutting Screw No. 10-24 x 3/8 Type 1
36	2521R	Insulated Clip
37	6768H	Mounting Clip
38	8784H1	Rubber Spacer
39	1402P	External Lockwasher
40	6409R	Ground Cable (Battery "-" to Ground)

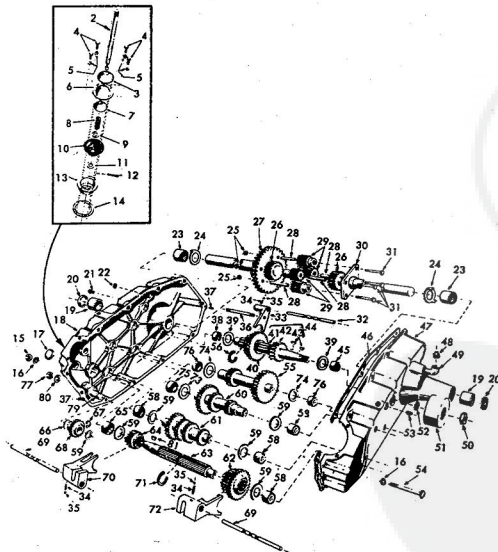
ROPER RT-16 GARDEN TRACTOR—MODEL NO. T62241R3  
ELECTRICAL WIRING DIAGRAM



ROPER RT-16 GARDEN TRACTOR—MODEL NO. T62241R3  
ELECTRICAL WIRING DIAGRAM

KEY NO.	PART NO.	DESCRIPTION
1	2210R	Starter Switch
2	2232R	Electrical Wire (Ignition Switch "M" - to Engine Neg.)
3	326437	Engine - 16 H.P. - Briggs & Stratton Type No. 0164-01
4	2228R	Electrical Wire (Fuse to Light Switch)
5	2212R	Fuse (in Fuse Holder)
6	2233R	Electrical Wire (Fuse Lights to Alternator, Engine)
8	4444R	Electric Wire
9	5212R	Ammeter
10	3858R	Electrical Wire (Ign. Sw. "B" to Ammeter)
11	2225R	Battery Cable (Solenoid to Starter)
13	3840R	Wire Harness (Starter Circuit)
14	103R	Solenoid
15	6344-000	Cover & Cable (Battery "plus" to Solenoid "B")
16	2211R	Fuse Holder
17	9889H	Battery
18	6409R	Ground Cable (Battery "-" to Ground)
19	5739H	Light Switch
20	3732R	Lead Wire (Light Switch to Lights)
21	3757R	Taillight
22	7034H	Headlight
23	2994R	Ground Wire Headlight
24	2249R	Safety Switch (For Mower Interlock)
25	3249R	Neutral Safety Switch

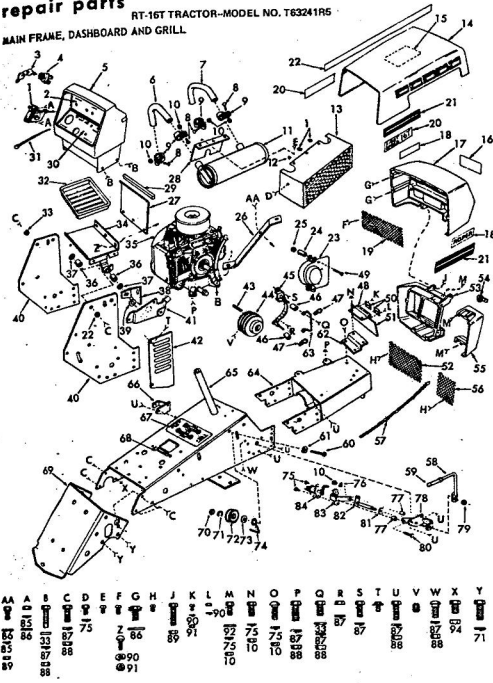
ROPER RT-16 GARDEN TRACTOR—MODEL NO. T62241R3  
TRANSAXLE



ROPER RT-16 GARDEN TRACTOR—MODEL NO. T62241R3  
TRANSAXLE

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1.	633A3B	Transaxle Assembly less	38.	8118M	Needle Bearing
2.	6213H1	Brake Drum	39.	6266H	Thrust Bearing Race
3.	4869H1	Gear Shift Lever straight	40.	635A14	High-Low Range Gears on Hub
4.	3010P	Hex Bolt 5/16-18x2	41.	6221H	3rd Reduction Gear Shaft
5.	1003P	Lockwasher 5/16	42.	8639H	4th Reduction Pinion
6.	6255H1	Gear Shift Ball Cover	43.	2228M	Woodruff Key 3/16x1/4 H.T
7.	6259H	Shift Lever Guide Ball	44.	635A32	3rd Reduction Shaft and Ge
8.	4924H	Spring	45.	8119M	Needle Bearing
9.	1544P	Washer 15/32x5/8x4x1/8 Gs.	46.	6225H	Gasket-Gearcase
10.	6272H	Shift Mechanism Seal	47.	6225H	Gear Case and Bearings-L
11.	1120SP	Washer 9/16x13/16x11 Gs.	48.	4002P	Pipe Plug 1/2-14 N.P.T.
12.	2305P	Cotter 1/8x2	49.	4003P	90° Street Elbow 1/2-14 N.P.T.
13.	633A19	Gear Shift Gate and Reinforcement	50.	9204H	Lock Nut
14.	6274H	Gasket-Shift Ball Cover	51.	7648H1	Brake Drum
15.	504P	Hex Nut 5/16-18	52.	6271H	Oil Seal
16.	1007P	Lockwasher 5/16 Extra Heavy	53.	4001P	Pipe Plug 1/8 N.P.T.
17.	6270H	Oil Seal	54.	3097P	Hex Bolt 5/16-18x1-1/2 Grade 5 H.T.
18.	633A20A	Gear Case, Reverse Idler Shaft and Bearings R.H.	55.	633A33	4th Reduction Shaft and Ge
19.	9039R	Sintered Iron Bearing	56.	6276H	Snap Ring
20.	7392R	Oil Seal	57.	4895H	Needle Bearing
21.	5859H	Pressure Relief Valve	58.	1370H	Thrust Bearing Race
22.	6209H	Oil Seal	59.	633A31	2nd Reduction Shaft and Ge
23.	3039R	Sintered Iron Bearing	60.	633A20	Speed Change Gears and Sh
24.	6256H	Axle Thrust Washer	61.	633A11	Intermediate and High Speed Pinions
25.	7810H	Centerlock Gripnut 3/8-24	62.	6218H	Input Shaft
26.	633A34	Axle Shaft and Gear	63.	6211H	Low Speed Pinion
27.	8642H	Final Drive Gear	64.	6231H	Reverse Bearing
28.	6259H1	Bushing-Differential Pinion	65.	4894H	Needle Bearing
29.	8657H	Differential Pinion	66.	7392H	Reverse Idler Thrust Washer E-Ring
30.	6263H1	Differential Carrier	67.	5001P	Snap Ring
31.	3050P	Hex Bolt 5/8-24x3 1/2 Thread Length	68.	1152R	Reverse Idler Gear
32.	6217H	High-Low Range Shift Fork Shaft	69.	6216H	Shift Fork Shaft
33.	6260H	Shift Fork, High-Low Range	70.	6262H	Shift Fork-L.H.
34.	6272H	Spring-Shift Fork Detent	71.	4926H	Snap Ring-Crossed Type
35.	7392M	Steel Ball	72.	4217R	Shift Fork-L.H.
36.	6215H	High-Low Range Shift Shaft	73.	7395H	Thrust Bearing Race
37.	6277H	Dowel Pin	74.	7395H	Thrust Bearing Race
			75.	8117M	Needle Bearing
			76.	5415P	Hex Jam Nut 7/16-20
			77.	7384H	Reverse Idler Shaft
			78.	1162R	Sawing Washer
			81.	9858M1	Woodruff Key

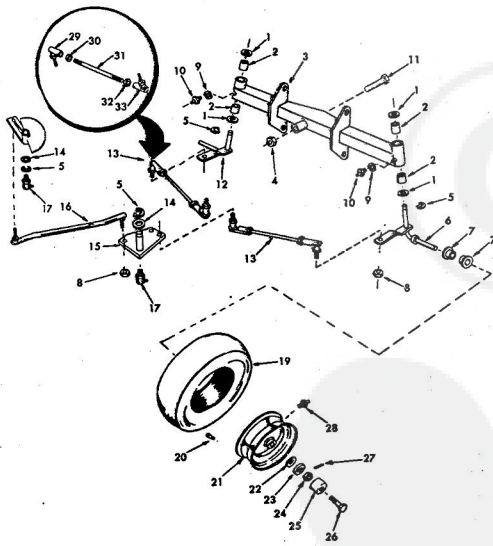
repair parts  
RT-16T TRACTOR-MODEL NO. T63241R5  
MAIN FRAME, DASHBOARD AND GRILL



RT-16T TRACTOR-MODEL NO. T63241R5  
MAIN FRAME, DASH, GRILL

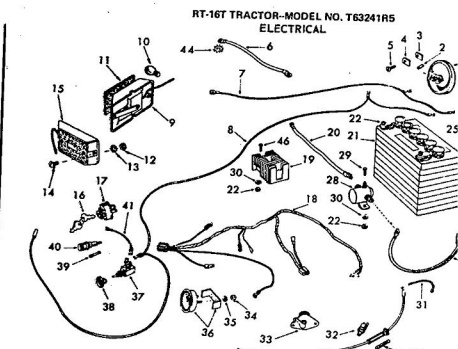
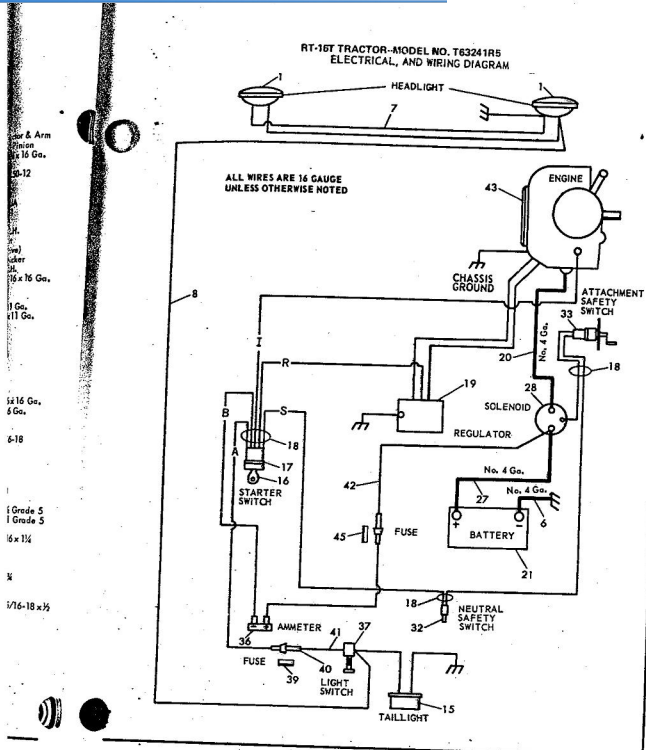
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	4622R	Remote Control-Throttle	62	2655R	Grill Spacer
2	6219R	Decal-Upper Dash	63	9011H	Belt Retainer
3	7525H	Key Set	64	634A531	Engine Mount Asy
4	2653R	Ignition Switch (Includes Key No. 3)	65	634A740	Chassis Asy's
5	6405R	Dashboard	66	634A355	Hanger Weldment
6	2697R	Exhaust Manifold-Rear	67	6965R	Shift Pattern De
7	2697R	Exhaust Manifold-Front	68	9211H	Drive Rivet
8	3012P	Hex Bolt 5/16-18 x 1 1/2	69	634A101	Drawer & Weld
9	382R	Clamp 1-3/8 (Includes Hex Nuts & 10)	70	500P	Lockwasher 7/16
10	504P	Washer .469 I.D.	71	1001P	Lockwasher 5/16
11	2695R	Muffler	72	6479H1	Belt Guide Flng
12	5316	Clamp	74	5201P	Pin Hd. Phillip
13	634A572	Muffler Guard Ass'y.	75	1520P	Washer .469 I.D.
14	634A551	Hood Assembly	76	6479H1	Belt Guide Flng
15	48216	Decal	77	5201P	Screw No. 10-24
16	6955R	Decal-Grill Front (Roper)	78	1003P	Lockwasher 5/16
17	3532R	Grill-Upper	79	1689E	Bushing
18	6956R	Decal (Roper)	80	634A494	Hanger Weldment
19	3531R	Grill Screen-Upper	81	9099H	Grpnce Centerloc
20	6964R	Decal - 8 Speed 16T	82	3013P	Spring Washer
21	7001R	Decal-Hood & Grill Strip	83	634A492	Belt Tightener A
22	6957R	Decal-Hood & Grill Strip	85	1002P	Switch Bracket
23	634A659	Belt Guide Weldment	86	1505H	Lockwasher 1/2
24	8230H	Split Spacer	87	1004P	Washer 9/32 x 5/8
25	347H	Huslock Nut 1/2-20	88	501P	Lockwasher No. 1
26	4394R	Grill Broce	89	1005H	Hex Nut 3/8-16
27	4815R	Battery Heat Shield	90	1006P	Lockwasher No. 1
28	3494R	Heat Shield-Carburetor	91	505P	Hex Nuts, Screw
29	5348R	Sealing Strip	92	1537P	Lockwasher 1/32 x 1
30	6322R	Lower Dash-Decal	93	5394H	Locknut 3/8-16
31	2754R	Choke Control	A	503P	Hex Bolt 1/2-20
32	2586R	Battery Tray	B	3027P	Hex Bolt 3/8-16
33	1513P	Washer 13/32 x 13/16 x 16 Ga.	C	3025P	Hex Bolt 5/16-11
34	634A523	Battery Support & Idler Support w/Bearings	D	3008P	Hex Bolt 5/16-11
35	BF-MS 2851D	Engine 16 H.P. (Twin Cyl.)	E	3235P	Phillips Pan Hd. Screw 1/2-20 x 1/2
36	2689R	Washer 17/32 x 1 x 16 Ga.	F	5544P	Phillips Pan Hd. Cutting Screw No. 1/8
37	1545P	Muffler Guard Bracket	G	5583P	Hex. Ind. Self To w/Sems. Ext. Tor
38	3507R	Washer 7/32 x 5/8 x 18 Ga.	H	5001P	washer 1/2-20 x 5/8
39	1504P	Washer 7/32 x 5/8 x 18 Ga.	I	3022P	Phillips Pan Hd. Ring Screw No. 1
40	2670R	Bracket-Battery Support	J	3327P	Hex Bolt 5/16-11
41	634A518	Idler Bracket Weldment	K	3122P	Hex Bolt 5/16-11
42	2655R	Cover R.H.	L	505P	Slotted Truss Hd Screw No. 10-24
43	9396E	Sq. Key No. 2	M	3010P	Hex Nuts, Screw
44	634A104	Engine Pulley w/Set Screws	N	3012P	Hex Bolt 5/16-11
45	634A527	Belt Guide Weldment	O	17P	Carriage Bolt 5/8
46	8704H1	Spacer	P	3025P	Hex Bolt 5/16-11
47	4939H	Retainer Spring	Q	3022P	Hex Bolt 3/8-16
48	2752R	Front Channel Cover Support	R	501P	Hex Nut 3/8-16
49	3154P	Slotted Filler Hd. Mech. Screw 1/2-20 x 1/2	S	3537P	Hex Washer Thr 3/20 x 1/2
50	6485H	Hinge	T	5527P	Hex Nut 3/8-16
51	634A28	Front Channel Cover & Weld	U	4314P	Hex Socket Hole 5/16-18 x 1/2
52	2674R	Grill Screen-L.H.	V	3137P	Hex Bolt 3/8-16
53	2677R	Grill-Lower	W	28P	Hex Socket Hole 5/16-18 x 1/2
54	4171R	Insulated Clip	X	3231P	Carriage Bolt 3/8
55	2678R	Grill Side	Y	3035P	Hex Bolt 7/16-11
56	2673R	Grill Screen-R.H.	AA	3003P	Carriage Bolt No. 1
57	5655R	Grill Cable			
58	634A493	Blade Clutch Handle Ass'y.			
59	4374H	Handle Grip			
60	3262P	Hex Bolt 7/16-14 x 2 1/2			
61	1518P	Washer 15/32 x 11/16 x 16 Ga.			

RT-16T TRACTOR-MODEL NO. T63241R5  
FRONT AXLE

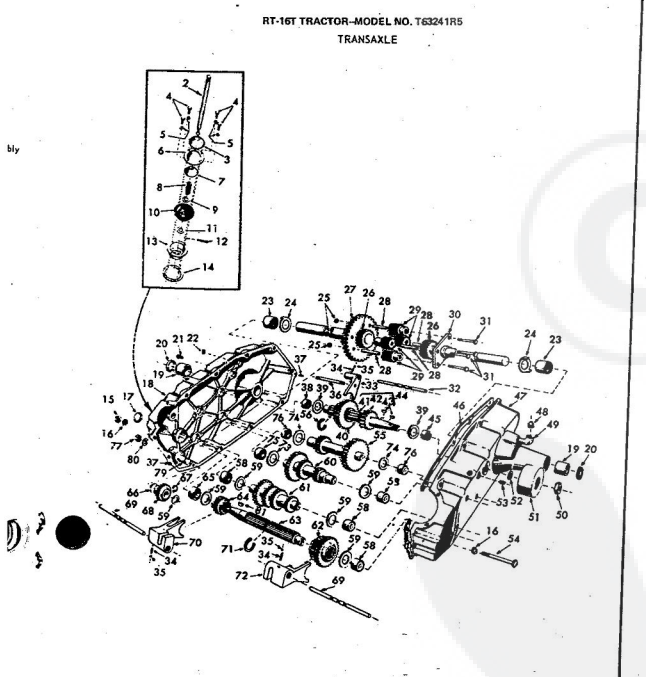


RT-16T TRACTOR-MODEL NO. T63241R5  
FRONT AXLE

KEY NO.	PART NO.	DESCRIPTION
1	1528P	Washer 13/16 x 1 1/2 x 14 Ga.
2	1309H	Bearing
3	634A521	Front Axle with Bearings (Inc. Key No. 2)
4	4764P	Huslock Nut 5/8-11 UNC
5	500P	E-Ring
6	634A277	Spindle Complete-R.H.
7	9040P	Flanged Bearing
8	7810H	Grpnce Centerlock Nut, 3/8-24
9	1505P	Washer 9/32 x 1/2 x 14 Ga.
10	6653H	Grease Fitting
11	2276P	Hex Bolt 5/8-11 x 5 Grade 5
12	634A278	Spindle Complete-L.H.
13	5090R	Tie Rod and Joints
14	1539P	Washer 49/64 x 1 1/4 x 16 Ga.
15	634A598	Steering Bell Crank Weldment
16	7871R	Drop Link and Joints
17	6942H	Grease Fitting
18	634A95	Steering Gear Sector and Arm
19	3930R	Front Tire-Tubeless
20	795R	Tire Valve
21	2168R	Front Wheel
22	1522P	Washer 25/32 x 1 1/2 x 16 Ga.
23	8785H	Wear Washer
24	4831H	Elastic Nut 3/16 UNF
25	8763H	Dust Cap-Outer
26	3008P	Hex Bolt 5/16-18 x 1/2
27	8798H	Roll Pin 5/32 x 1
28	6655M	Grease Fitting 1/2-28 Taper Thread
29	6940R	Tie Rod Joint (R.H. Thread Cad Press)
30	558P	Hex Jam Nut 1/2 - 20 (R.H. Thread)
31	634A711	Tie Rod end Nut
32	860P	Hex Jam Nut 1/2 - 20 (L.H. Thread)
33	6928R	Tie Rod Joint (L.H. Thread Yellow Dichromate)



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	7084H	Headlight	23	3748M	Wing Nut 1/2-20
2	9197H	Hose (On Grill-Headlight Lancing Pins)	24	1509P	Washer 5/16x1/4
3	3704H1	Rubber Spacer	25	5110H	Battery Clamp
4	8748H	Mounting Clip	26	2685R	Battery Bolt
5	5512P	Phillips Pan Hd. Thread Cutting Screw No. 10-24 UNC x3/8 Type T	27	634A490	Battery Cable & (Positive) to Solenoid
6	2753R	Battery Cable (Neg. to Ground)	28	103R	Solenoid
7	2894R	Ground Wire-Headlight	29	2115P	Hex Bolt 1/2-20 x 5
8	3723R	Lead Wire (Light Switch to Headlight & Tail Light)	30	1052P	Lockwasher 1/2
9	3869R	Housing (Tail Light)	31	2777R	Tie Holding Elec Neutral Safety Sw
10	3867R	Bulb No. 1895 2 Candle Power Lens (Tail Light)	32	2549R	Safety Switch (Att Clutch)
11	3868R	Hex Mech. Screw Nut No. 10-24	34	543P	Hex Nut No. 10-32
12	505P	External Tooth Lockwasher No. 10	35	1066P	Lockwasher No. 1/2
13	1404P	Slotted Truss Hd. Mech. Screw No. 10	36	5212R	Light Switch (Incl. Item No. 38)
14	3073P	Key Set	37	5735H	Knob Light Switch
15	3757R	Ignition Switch (Includes Item No. 16)	38	9267H	Fuse Holder
16	7529H	Ignition Wire Harness	39	2212R	Electrical Wire (F. Light Switch)
17	2055R	Regulator	40	2228R	Electrical Wire (Re Ammeter)
18	5992R	Battery Cable (Solenoid to Starter)	41	4021P	External Lockwash Fuse
19	2684R	Battery	42	1402P	Hex Bolt 1/2-20 x 1
20	2226R		43	6347R	
21	9885H		44	3004P	
22	503P		45		



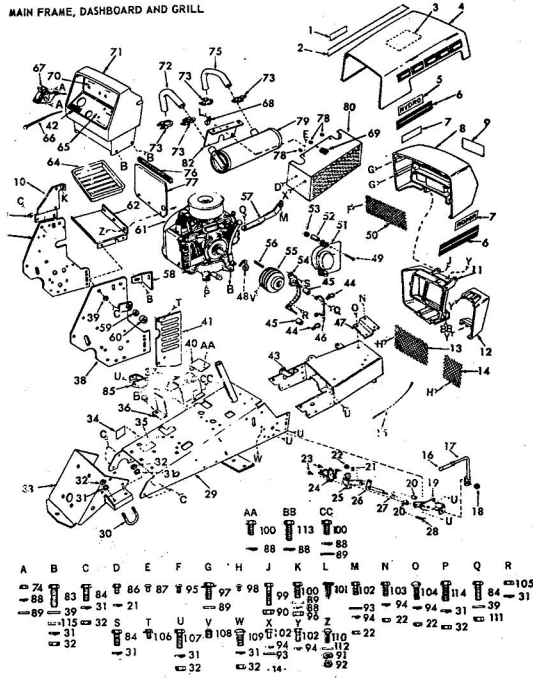
RT-16T TRACTOR-MODEL NO. T63241R5  
TRANSAXLE

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1.	633A38	Transaxle Assembly less Brake Drum	38.	8118M	Needle Bearing
2.	6213H1	Gear Shift Lever straight	39.	6264H	Thrust Bearing Race
3.	4859H1	Gear Shift Cap	40.	633A14	High-Low Range G. Hub
4.	3010P	Hex Bolt 5/16-18 x 1/2	41.	6221H	3rd Reduction Gear
5.	1003P	Lockwasher 5/16	42.	8659H	4th Reduction Pinion
6.	6234H1	Gear Shift Ball Cover	43.	2228M	Woodruff Key 3/16
7.	6299H	Shift Lever Guide Ball	44.	623A22	3rd Reduction Shaft
8.	4926H	Spring	45.	8119M	Needle Bearing
9.	1544P	Washer 1 1/2 x 5/8 x 16 Ga.	46.	6275H	Gasket-Gearcase
10.	6272H	Shift Mechanism Seal	47.	625A27	Gear Case and Bearer
11.	1529P	Washer 9/16 x 15/16 x 11 Ga.	48.	4002P	Pipe Plug 1/2-14 N
12.	2305P	Coner 1/8 x 5/8	49.	4003P	90 Street Elbow 1/2
13.	633A19	Gear Shift Gate and Reinforcement	50.	9204H	Lock Nut
14.	6274H	Gasket-Shift Ball Cover	51.	7648H1	Lock Nut
15.	504P	Hex Nut 5/16-18	52.	6277H	Brake Drum
16.	1007P	Lockwasher 5/16 Extra Heavy	53.	7648H1	Oil Seal
17.	6270H	Oil Seal	54.	4001P	Pipe Plug 1/2-18 N.P.
18.	633A28A	Gear Case, Reverse Idler Shaft and Bearings R. H.	55.	3082P	Hex Bolt 5/16-18 x 1 Grade 5 H.T.
19.	9928H	Sintered Iron Bearing	56.	623A23	4th Reduction Shaft & Snap Ring
20.	7302R	Oil Seal	57.	6276H	Needle Bearing
21.	5853H	Pressure Relief Valve	58.	4892H	Thrust Bearing Race
22.	6269H	Oil Seal	59.	1370H	2nd Reduction Shaft
23.	3059H	Needle Bearing	60.	633A31	Speed Change Gears
24.	6256H	Asle Thrust Washer	61.	633A30	Intermediate and High
25.	7810H	Centerlock Grapco Nut 3/8-24	62.	633A11	Pinions
26.	633A34	Asle Shaft and Gear	63.	6218H	Input Shaft
27.	8649H	Final Drive Gear	64.	6231H	Low Speed Pinion
28.	6259H1	Bushing-Differential Pinion	65.	4874H	Needle Bearing
29.	8657H	Differential Pinion	66.	7392H	Reverse Idler Thrust
30.	6263H1	Differential Carrier	67.	5901P	E-Ring
31.	3056P	Hex Bolt 3/8-24 x 3/4 1" Thread Length	68.	1153R	Reverse Idler Gear
32.	6217H	High-Low Range Shift Fork	69.	6216H	Shift Fork Shaft
33.	6260H	Shift Fork, High-Low Range	70.	6252H	Shift Fork, H.
34.	6272H	Spring-Shift Fork Detent	71.	4926H	Snap Ring-Crescent Ty
35.	7399H	Steel Ball	72.	4219H	Shift Fork, H.
36.	6215H	High-Low Range Shift Shaft	73.	7399H	Thrust Bearing Race
37.	6277H	Dowel Pin	74.	7396H	Needle Bearing
			75.	7398H	Needle Bearing
			76.	8117M	Needle Bearing
			77.	541P	Hex Jam Nut 7/16-20
			79.	7384H	Reverse Idler Shaft
			80.	1167R	Sealing Washer
			81.	9858M1	Woodruff Key

Click Here to upgrade to Unlimited Pages and Expanded Features

**ROPER HYDRO 16T GARDEN TRACTOR MODEL NO. T6336IRO AND T6336IRI**

MAIN FRAME, DASHBOARD AND GRILL



**ROPER HYDRO 16T GARDEN TRACTOR MODEL NO. T6336IRO AND T6336IRI**

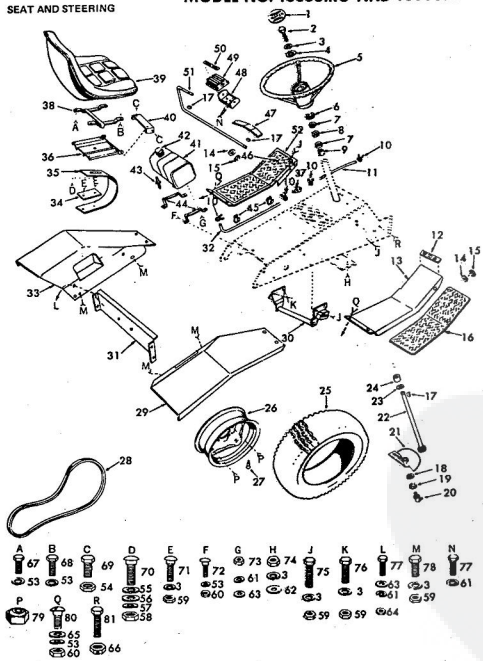
MAIN FRAME, DASHBOARD AND GRILL

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	899R	Decal "Hydro 16T"	61	BF/MS2851D	Engine, Onan 18 H.P. Twin Cylinder For Model No. T6336IR1 ONLY
2	892TR	Decal-Strip-Long	61	BF/MS2851E	Engine, Onan 18 H.P. Twin Cylinder For Model No. T6336IRO ONLY
3	8138R	Decal-Under Hood	62	8527R	Battery Support
4	834A5E1	Hood Assembly	63	8098R	Battery Support Brackets-L.H.
5	6958R	Decal "Hydro"	64	2866R	Battery Tray
6	7001R	Decal "Short Strip"	65	8184R	Decal-Lower Dash
7	8968R	Decal-Roller Loop	66	2154R	Choke Control
8	3832R	Upper Grill	67	4822R	Remote Control-Throttle
9	8865R	Rectifier Bracket	68	9776H	Choke Control Clip
10	7835R	Lower Grill	69	6794R	Decal-Upper Dash
11	7938R	Grill Side	70	6291R	Dashboard
12	2874R	Grill Screen-L.H.	71	5123R	Exhaust Manifold-Rear
13	2873R	Grill Screen-R.H.	72	2999R	Clamp Muffler
14	8058R	Grill Cable	73	634A149	Hex Nut 1/4" - 20 UNC
15	4378H	Handy Grip	74	503P	Exhaust Manifold Front
16	634A493	Attachment Clutch Handle Assembly	75	2674R	Hood Seal
17	7810H	Group Centerlock Nut 3/8" - 24 UNF	76	2697R	Battery Heat Shield
18	634A464	Hanger Weldment-R.H., Front	77	7812R	J-Clip
19	1899E	Bushing	78	3531R	Muffler
20	1003P	Lockwasher 5/16"	79	7242R	Muffler Guard Assembly
21	504P	Hex Nut 5/16" - 18 UNC	80	634A706	Carburetor Heat Shield
22	5501P	Thread Cutting Screw, Pan Hd., Phillips No. 1D - 24 x 3/8 Type T	81	3027P	Hex Bolt 3/8" - 18 x 1 - 1/2
23	2248R	Spring Switch	82	3023P	Hex Bolt 5/16" - 18 x 1/2
24	634A492	Switch Bracket Assembly	83	634A355	Front Hanger Weldment-L.H.
25	634A491	Belt Tightener Arm and Idler Shaft Assembly	85	3008P	Hex Bolt 5/16" - 18 x 1/2
26	5999H	Spring Washer	86	3053P	Mech. Screw, Pan Hd., Phillips 1/4" - 20 x 1/2
27	5918P	Hex Bolt 5/16" - 18 x 1 - 1/2	88	1002P	Lockwasher 1/4"
28	634A584	Chassis Assembly with Bearings	89	1505P	Washer 9/32 x 5/8 x 16 Ga.
29	5050R	U-Bolt Axle Clamp	90	1605P	Locknut 1/4" - 20
30	1004P	Lockwasher 3/8"	91	1006P	Lockwasher No. 10
31	5011P	Hex Nut 3/8" - 16 UNC	92	506P	Nut No. 10 - 24 UNC
32	634A628	Decal	93	5337P	Washer 1/32 x 1/16 x 16 Ga.
33	8143R	Decal By-Pass Valve	94	1003P	Lockwasher 5/16"
34	5628R	Decal Parking Brake	95	FB54P	Cutting Screw, Pan Hd., Thd. No. 10 - 24 x 1/2
35	5169R	Filter Mounting Bracket	96	563P	Hex Nut 1/4" - 20
36	6204R	Oil Filter Shield	97	562P	Self Tapping Screw, Hex Ind. W/Sems Ext. Tooth Lockwasher 1/4" - 20 x 5/8
37	634A702	Belt Support Bracket (Inc. Key No. 59)	98	5901P	Cutting Screw, Phillips Pan Hd., Thd. No. 10 - 24 x 3/8 Type T
38	1513P	Washer 13/32 x 13/16 x 16 Ga.	99	3267P	Hex Bolt 1/4" - 20 x 1 - 1/2 H.T.
39	5877R	Neutral Adjustment Cover	100	3114P	*Hex Bolt 1/4" - 20 x 1/2
40	7728R	Cover-R.H.	101	5869P	Slotted Pan Hd. Thrd. Cutting Screw 10 - 24 x 3/4 Type T
41	8500R	Decal-Maintenance Meter	102	3010P	Hex Bolt 5/16" - 18 x 3/4
42	634A749	Engine Mount Assembly	103	501P	Carriage Bolt No. 10 - 24 x 1/2
43	8038M	Resistor	104	17P	Carriage Bolt 5/16" - 18 x 1
44	8704H1	Spacer	105	501P	Hex Nut 3/8" - 16 UNC
45	8621R	Belt Retainer	106	6557P	Cutting Screw, Hex Washer Hd., Thrd. 1/4" - 20 x 1/2 Type T
46	9265R	Belt Retainer Finger	107	3137P	Set Screw, Hex Socket Hdless, 5/16" - 18 x 5/8
47	8955R	Grill Spacer	108	4514P	Carriage Bolt 3/8" - 18 x 1
48	8245R	Belt Retainer Spring	109	28P	Carriage Bolt No. 10 - 24 x 1/2
49	8246R	Machine Screw, Slotted Filletter Hd., 1/4" - 20 x 2 - 1/4	110	58P	Carriage Bolt 3/8" - 18 UNC
50	7154P	Grill Screen-Upper	111	5384H	Washer 7/32 x 7/16 x 18 Ga.
51	3631R	Belt Guide Weldment	112	1835P	*Hex Bolt 1/4" - 20 x 3/4
52	634A663	Belt Guide Weldment	113	3003P	*Hex Bolt 3/8" - 16 x 1 - 1/4
53	8228H	Split Spacer	114	3022P	*Washer 13/32 x 13/16 x 11 Ga.
54	8474H	Locknut No. 1/4" - 20			
55	634A662	Belt Guide Weldment			
56	634A665	Engine Pulley with Set Screws			
57	3988E	Square Key 1/4" x 2			
58	5627R	Muffler Guard Bracket			
59	7756R	Idler Bearing			
60	8008R	Idler Shaft Cap			

\*STANDARD HARDWARE-PURCHASE LOCALLY

**ROPER HYDRO 16T GARDEN TRACTOR MODEL NO. T6336IRO AND T6336IRI**

SEAT AND STEERING



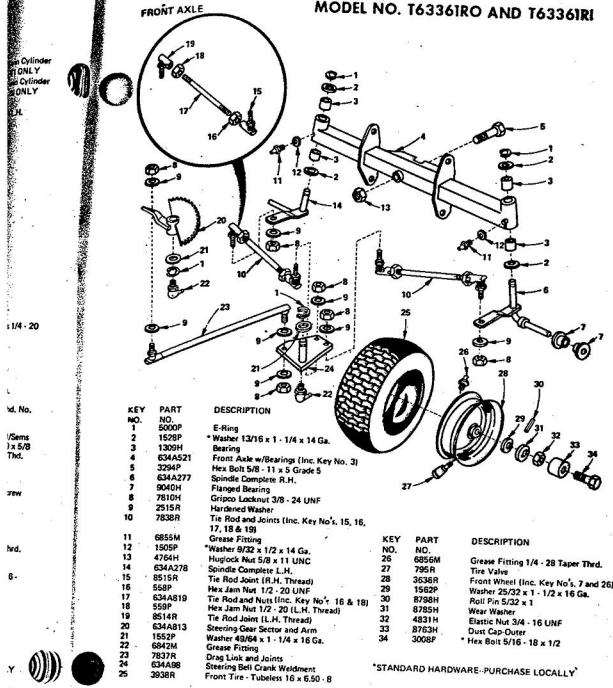
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SEAT AND STEERING

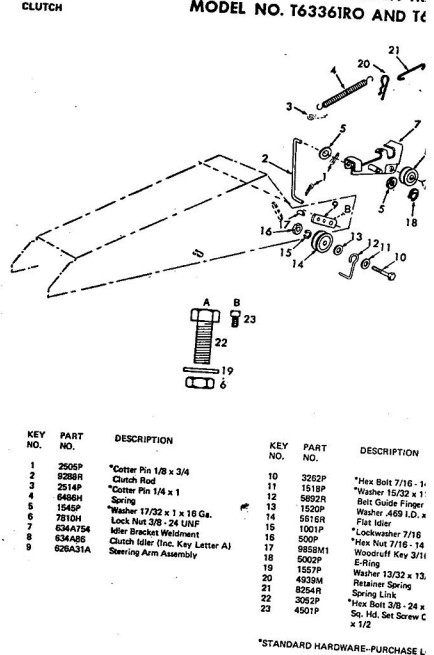
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	6961R	Steering Wheel Cap	41	2693R	Fuel Tank
2	3002P	*Hex Bolt 3/8" - 16 x 1	42	7253R	Fuel Gauge
3	1004P	*Lockwasher 3/8"	43	815R	Fuel Line Fitting
4	1558P	*Washer 7/16 x 1 x 10 Ga.	44	2650R	Bracket - Fuel Tank
5	3944R	Steering Wheel	45	6794R	Clip - Fuel Line
6	5003P	E-Ring	46	3641R	Foot Rest Pad - L.H.
7	9007H	Cap	47	9008H	Spring
8	5949H	Rubber Bushing	48	8763H	Foot Pedal Bracket
9	6468H	Bearing	49	1062R	Foot Pedal
10	6999R	Clamp - Fuel Line	50	7897R	Foot Pedal Plate
11	7833R	Fuel Line (Short)	51	5088R	Foot Pedal Shaft
12	7998R	Decal (Attach. Clutch)	52	634A689	Foot Rest w/Bolts - L.H.
13	834A270	*Foot Rest w/Bolts - R.H.	53	1503P	*Lockwasher 5/16"
14	1527P	*Washer 21/64 x 7/8 x 18 Ga.	54	522P	*Locknut 3/8 - 18 UNC
15	5001P	E-Ring	55	1578P	Washer 3/4 x 1 - 1/8 x 11 Ga.
16	3942R	Foot Rest Pad - R.H.	56	1550P	Washer 17/32 x 1 - 1/2 x 11 Ga.
17	9858M1	Woodruff Key 3/16 x 5/8	57	1000P	*Lockwasher 1/2"
18	1553P	Washer 5/64 x 1 - 1/4 x 16 Ga.	58	502P	*Hex Nut 1/2" - 13 UNC
19	5000P	E-Ring	59	501P	*Hex Nut 3/8" - 16 UNC
20	6842M	Grease Fitting	60	504P	*Hex Nut 5/16" - 18 UNC
21	634A613	Steering Gear Sector & Arm	61	1002P	*Lockwasher 1/4"
22	634A626	Steering Shaft & Housing	62	1518P	Washer 1/32 x 1/16 x 16 Ga.
23	1533P	Washer 5/64 x 1 - 1/4 x 18 Ga.	63	1505P	Washer 9/32 x 5/8 x 16 Ga.
24	4769H	Bearing	64	503P	Hex Nut 1/4" - 20 UNC
25	4007R	Rear Tire Tubeless 23 x 10.50 - 12	65	1537P	Washer 1/32 x 1/16 x 16 Ga.
26	3635R	Rear Wheel	66	5394H	*Locknut 3/8" - 16 UNC
27	798R	Tire Valve	67	3010P	*Hex Bolt 5/16" - 18 x 3/4
28	5125R	V-Belt (Ground Drive)	68	3159P	*Hex Bolt 5/16" - 18 x 7/8
29	634A593	Fender & Insert - R.H.	69	3022P	*Hex Bolt 3/8" - 16 x 7/8
30	634A592	Fender & Insert - L.H.	70	62P	Carriage Bolt 1/2" - 13 x 1 - 1/4 Grade 5
31	2666R	Bracket - Tail Light	71	61P	*Gt. Hk. Shr. Shld. Carr. Bolt 3/8 - 18 x 1 Grade 5
32	6642R	Fuel Line (Long)	72	16P	Carriage Bolt 5/16" - 18 x 3/4
33	634A645	Fender & Insert - L.H.	73	503P	*Hex Nut 1/4" - 20 UNC
34	8141H	Seat Spring Reinforcement	74	501P	*Hex Nut 3/8" - 16 UNC
35	8448R	Seat Spring	75	3025P	*Hex Bolt 3/8" - 16 x 1 - 1/4
36	634A633	Seat Plate Weldment	76	3003P	*Hex Bolt 3/8" - 16 x 1
37	7741R	In-Line Filter	77	3003P	*Hex Bolt 1/4" - 20 x 3/4
38	634A632	Seat Bracket Weldment	78	3021P	*Hex Bolt 3/8" - 16 x 3/4
39	4068R	Seat	79	8137P	Log Nut
40	2663R	Bracket Seat Pivot	80	16P	*Carriage Bolt 5/16" - 18 x 3/4
			81	5236P	*Hex Bolt 3/8" - 16 x 2 - 1/4 Full Thread
				8099R	Owners Manual
				8928R	Engine Manual For Model No. T6336IR1 ONLY

\*STANDARD HARDWARE-PURCHASE LOCALLY

**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T6336IRO AND T6336IRI**

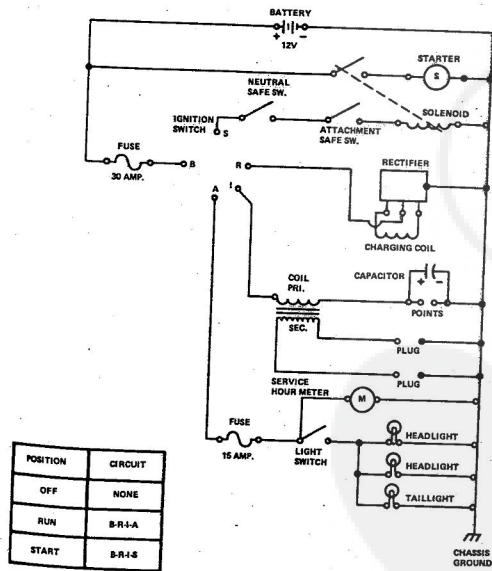


**ROPER HYDRO 16T GARDEN TR  
MODEL NO. T6336IRO AND T6**



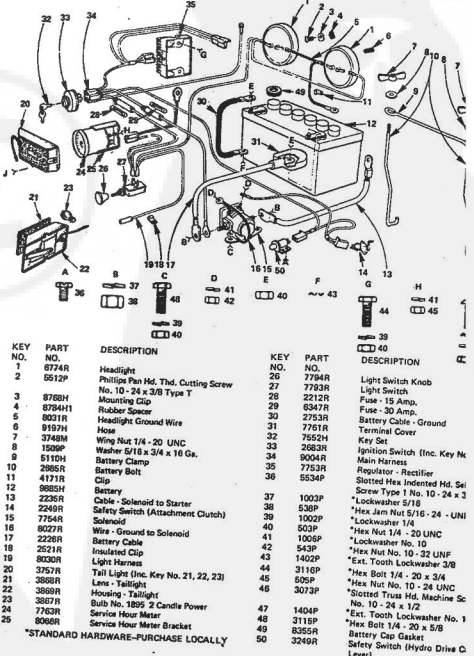
**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T6336IRO AND T6336IRI**

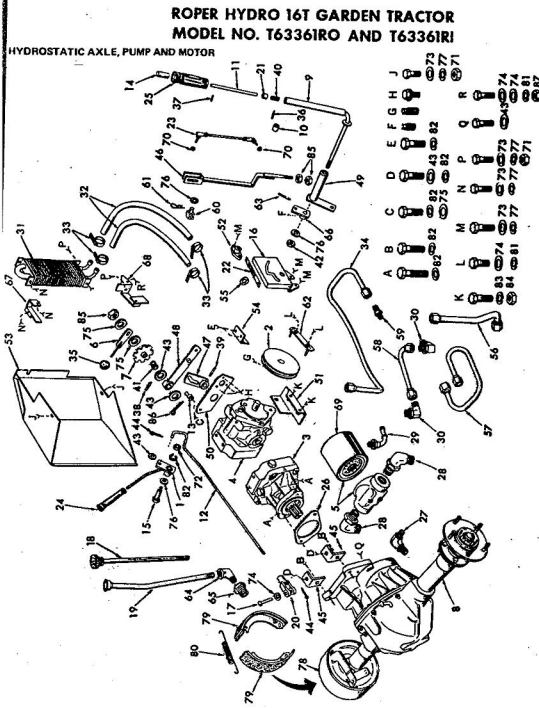
**SCHEMATIC DIAGRAM**



**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T6336IRO AND T6336IRI**

**ELECTRICAL**





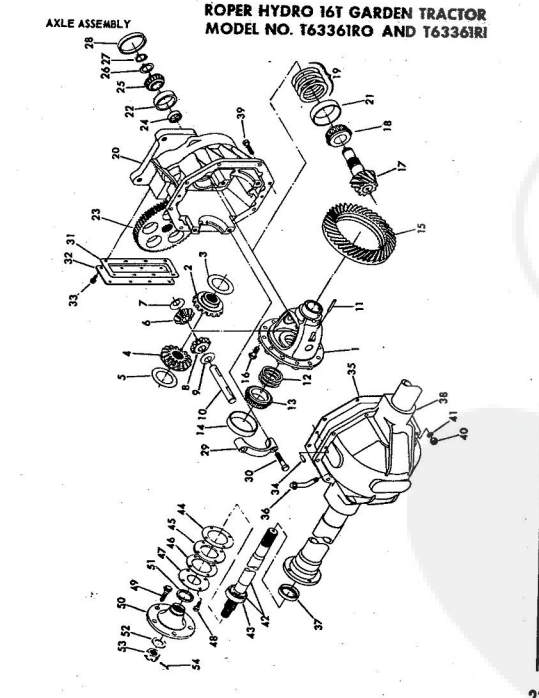
ROPER HYDRO 16T GARDEN TRACTOR MODEL NO. T6336IRO AND T6336IRI

HYDROSTATIC AXLE, PUMP AND MOTOR

ROPER HYDRO 16T GARDEN TRACTOR MODEL NO. T6336IRO AND T6336IRI

HYDROSTATIC AXLE, PUMP AND MOTOR

KEY NO.	PART NO.	DESCRIPTION
1	63A480	Packing Brake Hoop Weldment
2	63A482	Hydraulic Motor
3	63A483	Hydrostatic Pump
4	63A485	Filter Assembly
5	63A487	Roller
6	63A489	Roller
7	63A490	Roller
8	63A491	Roller
9	63A492	Roller
10	63A493	Roller
11	63A494	Roller
12	63A495	Roller
13	63A496	Roller
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18	63A501	Roller
19	63A502	Roller
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23	63A506	Roller
24	63A507	Roller
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78	63A561	Roller
79	63A562	Roller
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81	63A564	Roller



ROPER HYDRO 16T GARDEN TRACTOR MODEL NO. T6336IRO AND T6336IRI

AXLE ASSEMBLY

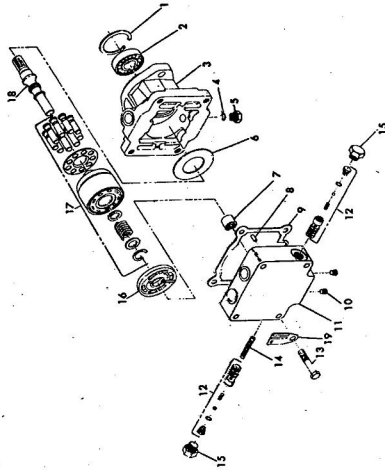
ROPER HYDRO 16T GARDEN TRACTOR MODEL NO. T6336IRO AND T6336IRI

AXLE ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION
1	7178R	Spig Ring
2	7178R	Spig Ring
3	7178R	Spig Ring
4	7178R	Spig Ring
5	7178R	Spig Ring
6	7178R	Spig Ring
7	7178R	Spig Ring
8	7178R	Spig Ring
9	7178R	Spig Ring
10	7178R	Spig Ring
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49	7178R	Spig Ring
50	7178R	Spig Ring
51	7178R	Spig Ring
52	7178R	Spig Ring
53	7178R	Spig Ring
54	7178R	Spig Ring

**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO AND T63361RI**

**HYDROSTATIC MOTOR ASSEMBLY**



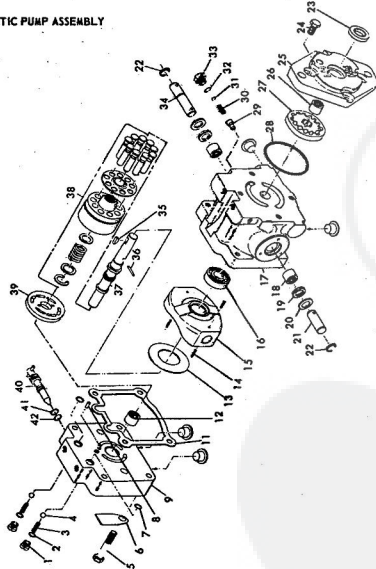
**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO AND T63361RI**

**HYDROSTATIC MOTOR ASSEMBLY**

KEY NO.	PART NO.	DESCRIPTION
1	7262R	Ball Bearing
2	7263R	Needle Bearing
3	7264R	Head Cap Screw
4	7265R	Head Cap
5	7266R	Shaft
6	7267R	Washer
7	7268R	Washer
8	7269R	Washer
9	7270R	Washer
10	7271R	Washer
11	7272R	Washer
12	7273R	Washer
13	7274R	Washer
14	7275R	Washer
15	7276R	Washer
..	6344655	Complete Motor Assembly

**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO AND T63361RI**

**HYDROSTATIC PUMP ASSEMBLY**



**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO AND T63361RI**

**HYDROSTATIC PUMP ASSEMBLY**

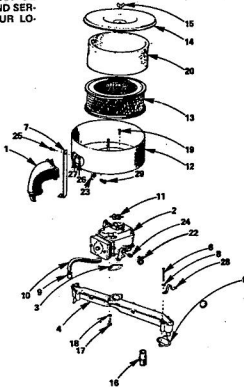
KEY NO.	PART NO.	DESCRIPTION
1	7277R	Check Valve Kit
2	7278R	Head Cap Screw
3	7279R	Head Cap
4	7280R	Shaft
5	7281R	Washer
6	7282R	Washer
7	7283R	Washer
8	7284R	Washer
9	7285R	Washer
10	7286R	Washer
11	7287R	Washer
12	7288R	Washer
13	7289R	Washer
14	7290R	Washer
15	7291R	Washer
16	7292R	Washer
17	7293R	Washer
18	7294R	Washer
19	7295R	Washer
20	7296R	Washer
21	7297R	Washer
22	7298R	Washer
23	7299R	Washer
24	7300R	Washer
25	7301R	Washer
26	7302R	Washer
27	7303R	Washer
28	7304R	Washer
29	7305R	Washer
30	7306R	Washer
31	7307R	Washer
32	7308R	Washer
33	7309R	Washer
34	7310R	Washer
35	7311R	Washer
36	7312R	Washer
37	7313R	Washer
38	7314R	Washer
39	7315R	Washer
40	7316R	Washer
41	7317R	Washer
..	6344655	Complete Pump Assembly



**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO**

**FUEL SYSTEM GROUP**

ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.

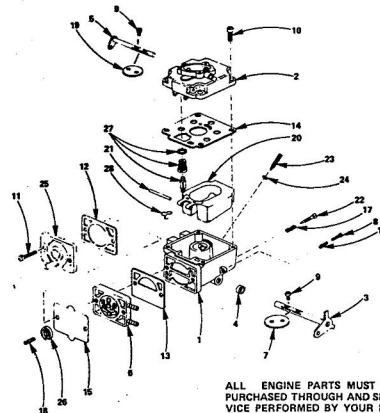


KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	140-1169	Tube, Air Intake (Air Cleaner to Blower Housing)	15	850-0020	Nut, Wing - Air Cleaner Cover (1/4 - 20)
2	142-0531	Carburetor, Gasoline (With Integral Fuel Pump)	16	805-0755	Nipple, Exhaust (1 x 3")
3	145A-438	Gasket, Carburetor Mounting	17	800-0023	Screw, Hex Head Cap (1/4 - 20 x 1 - 3/8")
4	154-1488	Manifold, Intake	18	850-0040	Washer, Spring Lock (1/4")
5	154A-1448	Gasket, Intake - Manifold	19	815-0377	Screw, Round Head with Nylon Seat (No. 10 - 32 x 3/8")
6	800-0004	Screw, Hex Head Cap (5/16 - 18 x 2 - 1/4")	20	140-1259	Wrapper, Air Cleaner Element
7	140-1180	Support, Air Cleaner	22	503-0201	Clamp, Hose
8	850-0045	Washer, Spring Lock (5/16")	23	518-0328	Clip, Bracket, Cable
9	149-1299	Vacuum Tube	24	149-1321	Cap, Fuel Pump
10	503-0740	Hose, Fuel Pump Vacuum	25	806-3063	Screw, Hex Head Cap (1/4 - 20 x 1/2")
11	140A-1215	Gasket, Air Cleaner Mip.	26	802-0001	Nut, Hex - Steel (1/4 - 20)
12	140-1213	Housing, Air Cleaner	27	853-0013	Washer, Lock - ET (1/4")
13	140-1218	Element, Air Cleaner	28	403-1021	Bracket, Lifting
14	140-1168	Cover, Air Cleaner	29	5582P	Std. Pin 1/4, Self Tap Screw Type AB No. 8 x 3/8

\* See separate group for components.  
\* Included in Gasket Kit, page 37.

**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO**

**CARBURETOR PARTS GROUP**



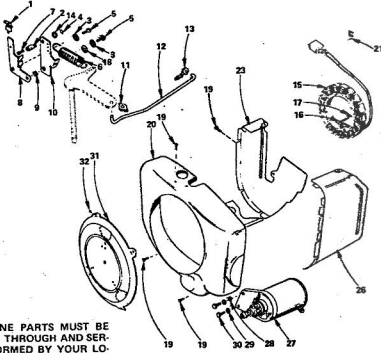
ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	142-0532	Body Assembly, Lower	17	142-0282	*Spring, Idle Needle
2	142-0533	Sleeve Assembly	18	142-0545	*Spring, Pump Diaphragm
3	142-0534	*Shaft Assembly, Throttle	19	142-0548	Fly, Choke
4	142-0535	Packing, Shaft	20	142-0547	Float and Lever Assembly
5	142-0536	Shaft Assembly, Choke	21	142-0548	*Shaft, Float Lever
6	142-0537	*Valve Plate Assembly	22	142-0016	*Needle, Idle
7	142-0538	Fly, Throttle	23	142-0549	Needle Assembly, Power
8	142-0064	Screw, Throttle Stop	24	142-0550	TGasket, "O" Ring
9	142-0334	*Screw, Fly Mounting	25	142-0551	Cover, Pump
10	142-0539	Screw, Bowl Cover Mounting	26	142-0552	Plate, Pump Spring
11	142-0540	Screw, Pump Cover	27	142-0553	*Valve Assembly, Float
12	142-0541	TGasket, Base to Diaphragm	28	142-0554	Clip, Float Valve
13	142-0542	TGasket, Plate to Base	142-0557		*Gasket Kit (Includes Parts Marked †)
14	142-0543	TGasket, Sleeve Assembly to Base			*Repair Kit (Includes Parts Marked †)
15	142-0555	*Diaphragm, Pump			
16	142-0544	Spring, Throttle Stop Screw			

† Included in 142-0558 Gasket Set.  
\* Included in 142-0557 Repair Kit.

**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO**

**GOVERNOR, STARTER,  
CHARGING ALTERNATOR AND  
BLOWER HOUSING GROUP**

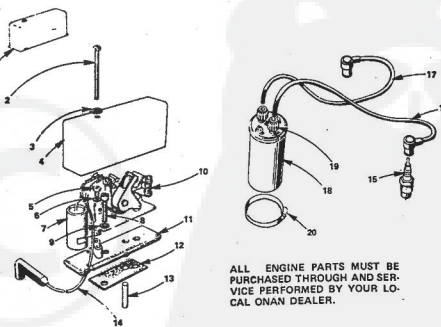


ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	518-0176	Clip, Throttle Cable	17	850-0030	Washer, Spring Lock (No. 10)
2	152-0155	Swivel, Throttle Cable	18	526-0214	Flat Washer (1/4")
3	850-0040	Lockwasher (1/4")	19	815-0261	Screw, Hex Head Cap (1/4 - 20 x 7/16")
4	516-0059	Pin, Cotter - Swivel Mounting	20	134-2383	HOUSING, BLOWER Engines without Variable Speed Governor
5	821-0010	Screw, Hex Cap - Flange Locking (1/4 - 20 x 1/2")	21	167-0188	Clip, Alternator Lead Support
6	150-1214	Spring, Governor	22	134-2890	Housing, Cylinder Air - Left
7	815-0104	Screw, Round Head (No. 8 - 32 x 5/16")	23	134-2889	Housing, Cylinder Air - Right
8	150-1363	Bracket, Governor Mounting	27	151-0933	Starter, 12 Volt (For Components see separate group)
9	150-1259	Bracket, Governor Control	28	536-0113	Washer, Flat - Steel (11/32" I.D. x 1" O.D. x 3/32" Thick)
10	150-1345	Arm, Governor Control	29	800-0045	Washer, Spring Lock (5/16")
11	870-0278	Clip, Governor Control Rod to Governor Arm	30	800-0028	Screw, Hex Head Cap (5/16 - 18 x 1")
12	150-1350	Rod, Governor Control	31	134-2608	Guard, Blower Housing
13	516-0004	Clip, Governor Control Rod to Carburetor	32	815-0378	Screw, Ind. Hex Head W/ET (No. 14 x 1/2")
14	526-0006	Flat Washer (No. 12)			
15	151-1102	Stator, Charging Alternator			
16	813-0108	Screw, Round Head - Steel (No. 10 - 32 x 1 - 1/2")			

**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO**

**IGNITION GROUP**



ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.

KEY NO.	PART NO.	DESCRIPTION
1	160-1210	Box Assembly, Breaker (Includes Parts Marked †)
2	612-0108	*Screw, Machine - Round Head (No. 10 - 14 x 1 - 1/2")
3	526-0008	*Washer, Flat (13/64" I.D. x 7/16" O.D. x 1/32" Thick)
4	160-1176	*Cover, Breaker Box
5	815-0268	*Screw, Tapping - Hex Head (No. 8 - 32 x 5/16")
6	850-0035	*Washer, Lock - Spring (No. 8)
7	312-0196	*Condenser, Ignition
8	802-0034	*Screw, Cap - Socket Head (1/4 - 20 x 3/4")
9	850-0038	*Washer, Lock - Spring - High Collar (1/4")
10	160-1183	*Point Assembly, Breaker
11	160-1172	*Base, Breaker Box
12	160A-1168	*Gasket, Breaker Box
13	160-1151	Plunger, Breaker Point Assembly
14	338-2132	Lead, Breaker Points to Coil
15	167-0241	Plug, Spark
16	167-1463	Cable, Spark Plug (19")
17	167-1462	Coil, Ignition
18	166-0536	Nut, Coil Cable (Part of 166-0536 Coil)
19	166-0004	Clamp, Coil Mounting
20	803-0311	*Parts Included in 160-1210 Breaker Box Assembly.

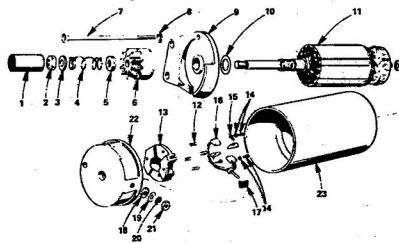
\* Included in Gasket Kit, page 37.

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**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO**

**STARTER PARTS GROUP**

ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL OMAN DEALER.



**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO**

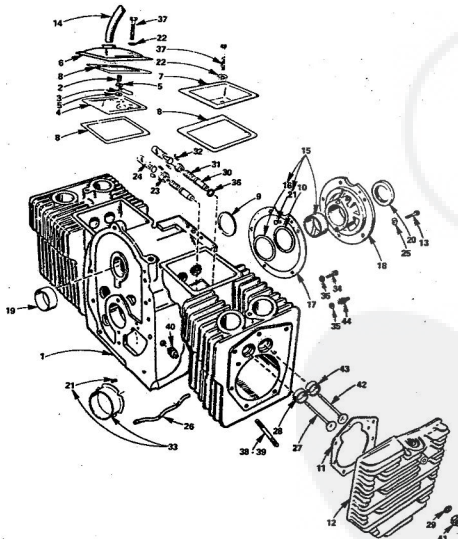
**STARTER PARTS GROUP**

KEY NO.	PART NO.	DESCRIPTION
1	191-0933	Starter, 12 Volt (Complete)
2	191-1036	Cover, Dust
3	191-1046	Nut, Scoop
4	191-1046	Washer, Stop Nut
5	191-1035	Spring, Anti-drift
6	191-1047	Screw, Dust Cover
7	191-1036	Drive Assembly
8	191-1048	Screw, Hex Cap
9	850-0040	Washer, Lock
10	191-1037	Cap, Assembly, Drive End
11	191-1038	Washer, Armature Thrust
12	▲	† Spring, Brush
13	▲	† Scrub Holder
14	▲	† Screw and Lockwasher
15	▲	† Brush, Ground
16	▲	† Stud and Brush Assembly, Input
17	▲	† Wash, Insulation - Input Stud
18	▲	† Washer, Insulation - Input Stud
19	▲	† Washer, Flat - Input Stud
20	▲	† Washer, Lock - Input Stud
21	▲	† Nut, Securing - Input Stud
22	191-1040	Cap Assembly, Commutator (Includes Parts Marked †)
23	▲	Housing, Starter Motor
191-1041	▲	Wash Kit, Stud, Spring and Stud (Includes Parts Marked †)

† - Included in the 191-1040 Cap Assembly.  
 \* - Included in the 191-1041 Brush, Spring and Stud Kit.  
 ▲ - Not Sold Separately

**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO**

ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL OMAN DEALER.



**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO**

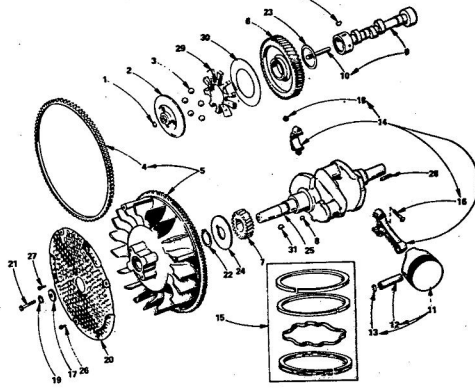
**CYLINDER BLOCK GROUP**

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	110-2351	Block Assembly, Cylinder (Includes Parts Marked †)	28		INSERT, VALVE SE
2	123-1174	Spring, Breather Valve		110-0245	EXHAUST
3	123-1175	Valve, Breather		110-0245-02	† Standard
4	123-1173	Ball, Breather	29	526-0122	.002" Oversize Washer, Flat - Steel ( 23/32" O.D. x 1/8" I.D. x 10 Gi
5	526-0018	Washer, Flat - Steel (17/64" I.D. x 5/16" O.D. x 1/16" Thick)	30	110-1807	† Guide, Valve
6	110-1878	Cover, Valve Compartment (L.H.)	31	110-0639	Spring, Valve
7	110-1879	Cover, Valve Compartment (R.H.)	32	110-0639	Lock, Valve and Spr
8	110A1921	† Gasket, Valve Cover	33		† BEARING, CRANK (FLANGED)
9	517-0048	† Plug, Extension - Camshaft		101-0432	† Standard
10	104-0776	† Shim, Rear Bearing Plate (.005")	34	101-0432-02	.002" Undersize
11	110A1920	† Gasket, Cylinder Head		800-0046	Screw, Hex Head Cap
12		HEAD, CYLINDER	35	526-0066	Washer, Flat - Copper (1/16" O.D. x 1/16")
13	110-1924	Right Side (No. 2 Cylinder)	36	110A-68	x† Gasket, Valve Guide ( 1/2" x 1-1/4"
14	800-0051	† Screw, Hex Head Cap - Steel (3/8 - 16 x 1 - 1/4")	37	800-0010	Screw, Hex Head Cap ( 1 - 3/4"
15	123-1176	Valve, Breather	38	520-0424	Stud (5/16" x 2 - 5/7)
		BEARING, CRANKSHAFT - REAR (INCLUDES THRUST WASHER)	39	520-0759	Stud (5/16" x 2 - 1/1)
		† Standard	40	502-0080	Pipe Plug - Square He
16	104-0575	† Washer, Crankshaft Bearing Thrust	41	110-0445	Hex Nut (5/16 - 24)
17	1018415	x† Gasket, Bearing Plate	42	110-1800	Intake Valve
18	101-0439	† Plate, Bearing (Excludes Bearings)	43		INSERT, VALVE SE
19	101-0257	† Bearing, Camshaft (Precision)		110-0197	† Standard
20	509A41	x† Shim, Bearing Stop	44	520-0920	Stud (3/8 - 16)
21	516-0372	Washer, Flat - Copper (17/64" I.D. x 7/16" O.D. x 1/32" Thick)			
22	526-0063	† Shim, Main Bearing Stop			
23	110-0889	† Shim, Main Bearing Stop			
24	116-0006	† Shim, Main Bearing Stop			
25	850-0060	† Washer, Lock (3/8")			
26	120-0706	† Tube, Crankcase Oil			
27	110-1806	Exhaust Valve			

† - Included in 110-2351 Cylinder Block Assm  
 \* - Replacement Front Flange Bearing replaces bearing and thrust washer.  
 x - Included in Gasket Kit 16K124

**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO**  
CRANKSHAFT, FLYWHEEL, CAMSHAFT  
AND PISTON GROUP

ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.

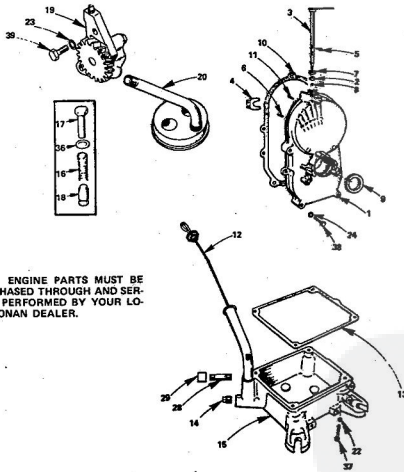


**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO**  
CRANKSHAFT, FLYWHEEL, CAMSHAFT  
AND PISTON GROUP

KEY NO.	PART NO.	DESCRIPTION
1	150-0078	Ring, Camshaft Center Pin
2	150-1116	Cup, Governor
3	518-0015	Ball, Fly - Governor
4	104-0779	Gear, Ring - Flywheel
5	134-2432	Flywheel (Includes Ring Gear and Magnet Ring)
6	105-0332	Gear, Camshaft (Includes Flyball Sprocket and Plate)
7	104-0032	Gear, Crankshaft
8	615-0001	Key (1/2" Diameter x 1/8")
9	105-0402	Camshaft (Includes Center Pin)
10	150-0075	Pin, Camshaft Center
11	150-0075	PISTON AND PIN (INCLUDES RING AND PIN)
112-0134	Standard	
112-0134-05	.050" Oversize	
112-0134-10	.100" Oversize	
112-0134-20	.200" Oversize	
112-0134-30	.300" Oversize	
112-0134-40	.400" Oversize	
12	112-0122	Pin, Piston
518-0311	Ring, Piston Pin Retaining	
14	114-0225	Rod Assembly, Connecting
15	115-0174	RING SET, PISTON
115-0174	Standard	
115-0174-05	.050" Oversize	
115-0174-10	.100" Oversize	
115-0174-20	.200" Oversize	
115-0174-30	.300" Oversize	
115-0174-40	.400" Oversize	
16	114-0228	Bolt, Special - Connecting Rod
17	528-0017	Washer, Flat - Steel (15/32" I.D. x 1 - 1/4" O.D. x 1/8" Thick)
18	870-0137	Nut, Locking - Connecting Rod Cap
850-0055	Washer, Spring Lock (7/16")	
20	134-2384	Guard, Flywheel
21	104-0170	Screw, Hex Head Cap (7/16 - 14 x 4)
22	518-0014	Ring, Retaining - Crankshaft Gear
23	105-0004	Washer, Camshaft Gear Thrust
24	104-0043	Washer, Crankshaft Gear Retainer
25	104-0858	Crankshaft
26	821-0010	Screw, Hex Head Cap - Locking Flange (1/4 - 20 x 1/2")
27	821-0014	Screw, Hex Head Cap - Locking Flange (5/16 - 18 x 1/2")
28	815-0103	Key, Crankshaft Stub (1/4 x 1/4 x 2)
29	150-1257	Spacer, Governor Flywheel
30	150-0077	Plate, Governor Flyball
31	615-0227	Key Kit

**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO**  
GEAR COVER, OIL BASE AND  
OIL PUMP GROUP

ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.



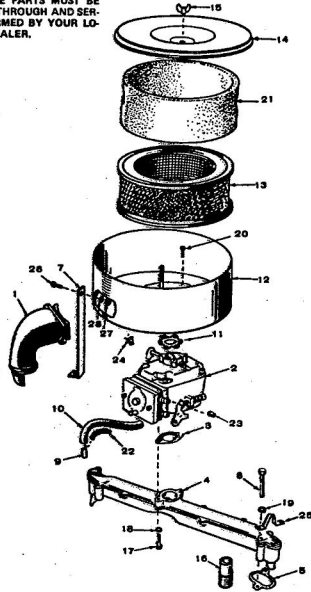
**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO**  
GEAR COVER, OIL BASE AND  
OIL PUMP GROUP

KEY NO.	PART NO.	DESCRIPTION
1	103-0498	Cover Assembly, Gear (Includes Parts Marked *)
2	510-0105	*Bearing, Governor Shaft
3	150-1470	*Shaft and Arm Assembly, Governor
4	150-1197	*Yoke Governor Shaft
5	815-0048	*Screw, Yoke Retaining
6	518-0130	*Pin, Governor Cup Stop
7	508-0008	*Seal, Oil - Governor Shaft
8	510-0014	*Ball, Bearing - Governor Shaft
9	508-0040	*Seal, Gear Cover
10	103-0408	Gasket, Gear Cover
11	515-0141	Pin, Gear Cover Mounting (5/16 x 7/8")
12	123-1138	Cap and Indicator, Oil Fill
13	102-0883	Gasket, Oil Base Mounting
14	605-0058	Plug, Oil Drain *
15		BASE, OIL
16	102-0741	For Engines With Extended Oil Drain
16	120-0140	Spring, Oil By-Pass Valve
17	801-0050	Screw, Hex Head Cap (3/8 - 24 x 1") - Oil By - Pass Valve, Oil By - Pass
18	120-0328	Valve, Oil By - Pass
19	120-0481	Pump, Oil - Complete (NOTE: Internal parts not sold separately)
20	120-0713	Intake, Oil Pump (Includes: Cup, Screen and Pipe)
22	850-0050	Washer, Spring Lock (3/8")
23	850-0040	Washer, Spring Lock (1/4")
24	528-0086	Washer, Flat - Copper (2 1/4" I.D. x 9/16" O.D. x 1/16" Thick)
25	505-0178	Nipple, Pipe - Oil Drain (1/2 x 3 - 1/2")
26	505-0158	Cap, Pipe (1/2")
26	528-0066	Washer, Flat - Copper (25/64" I.D. x 9/16" O.D. x 1/16" Thick) - By - Pass Valve
27	800-0056	Screw, Hex Head Cap (3/8 - 18 x 2 - 1/2")
28	800-0032	Screw, Hex Head Cap (5/16 - 18 x 1 - 3/4") - Gear Cover Mounting
29	800-0034	Screw, Hex Head Cap (5/16 - 18 x 2 - 1/4") - Gear Cover Mounting
30	800-0007	Screw, Hex Head Cap (1/4 - 20 x 1")

\* - Included in Gear Cover Assembly.

**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361R1**

**FUEL SYSTEM GROUP**  
ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.



**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361R1**

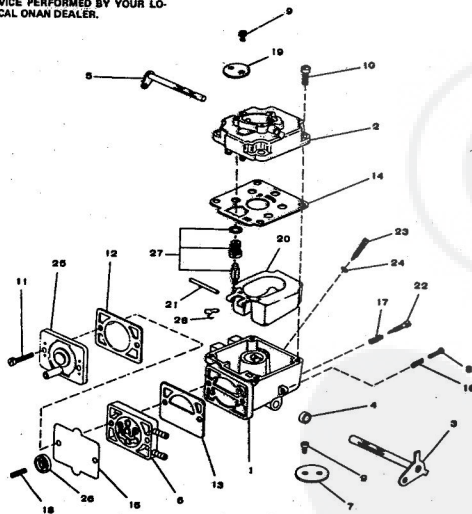
**FUEL SYSTEM GROUP**

REF. NO.	PART NO.	PART DESCRIPTION
1	140-1169	Air Intake Tube
2	142-0531	Carburetor Assembly (Comple
3	145A438	*Gasket
4	154-1468	Intake Manifold
5	154A1446	*Gasket
7	140-1158	Support
8	800-0034	Hex Cap, Screw (5/16-18 x 2
9	149-1299	Vacuum Tube
10	503-0644	Vacuum Hose
11	140A1218	*Gasket
12	140-1213	Housing
13	140-1216	Element
14	140-1168	Cover
15	865-0020	Wing Nut (1/4-20)
16	505-0755	Half Nipple (1" x 3")
17	800-0008	Hex Head Cap Screw (1/4-20 x
18	850-0040	Lock Washer (1/4")
19	850-0045	Lock Washer (5/16")
20	815-0377	Round Head Screw (10-32 x 3/
21	140-1218	Pre-Cleaner
22	149-1308	Support Spring
23	149-1321	Cap
24	518-0328	Clip
25	403-1021	Lifting Bracket
26	800-0005	Hex Head Cap Screw (1/4-20 x
27	862-0001	Hex Nut (1/4-20)
28	853-0013	Lock Washer (1/4")

\*INCLUDED IN GASKET KIT PAGE 10

**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361R1**

**CARBURETOR PARTS GROUP**  
ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.



**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361R1**

**CARBURETOR PARTS GROUP**

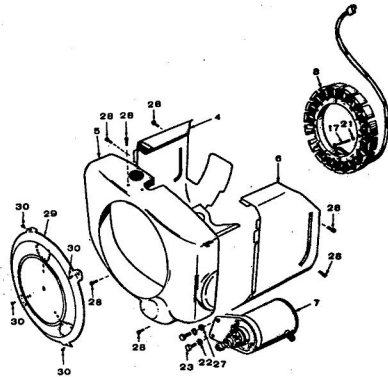
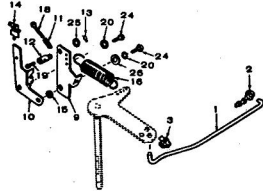
REF. NO.	PART NO.	PART DESCRIPTION
1	142-0532	Lower Body Assembly
2	142-0533	Sleeve
3	142-0534	*Throttle Shaft Assembly
4	142-0535	Shaft Packing
5	142-0536	Choke Shaft Assembly
6	142-0537	*Valve Plate Assembly
7	142-0538	Throttle Fly
8	142-0064	Screw
9	142-0334	*Screw
10	142-0539	Screw
11	142-0540	Screw
12	142-0541	Gasket
13	142-0542	Gasket
14	142-0543	Gasket
15	142-0555	*Diaphragm
16	142-0544	Spring
17	142-0282	*Spring
18	142-0545	*Spring
19	142-0546	Choke Fly
20	142-0547	Float and Lever Assembly
21	142-0548	*Float Lever Shaft
22	142-0016	*Idle Needle
23	142-0549	Power Needle Assembly
24	142-0550	O-Ring
25	142-0551	Cover
26	142-0552	*Plate
27	142-0553	*Float Valve Assembly
28	142-0554	Clip
	142-0556	*Gasket Set (Includes 142-053
	142-0557	Repair Kit

\* - Included in Repair Kit.

**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RI**

GOVERNOR, STARTER,  
CHARGING ALTERNATOR AND  
BLOWER HOUSING GROUP

ALL ENGINE PARTS MUST BE  
PURCHASED THROUGH AND SER-  
VICE PERFORMED BY YOUR LO-  
CAL ONAN DEALER.



**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RI**

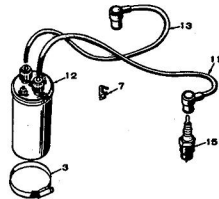
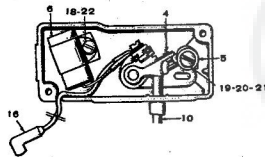
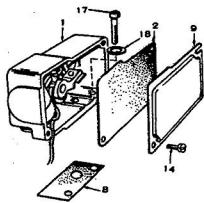
GOVERNOR, STARTER,  
CHARGING ALTERNATOR AND  
BLOWER HOUSING GROUP

REF. NO.	PART NO.	PART DESCRIPTION
1	150-1350	Control Rod
2	518-0004	Clip
3	870-0278	Push Nut (3/16")
4	134-2890	Cylinder Air Housing (L.H.)
5	134-2393	Blower Housing
6	134-2889	Cylinder Air Housing (R.H.)
7	191-0933	Starting Motor Assembly (For Components - See Separate Group)
8	191-1102	Charging Alternator Stator
9	150-1345	Arm
10	150-1343	Bracket
11	150-1398	Spring
12	152-0155	Swivel
13	516-0059	Cotter Pin
14	518-0176	Clip
15	150-1269	Washing
16	150-1214	Spring
17	815-0108	Round Head Screw (10-32 x 1-1/2")
18	812-0066	Round Head Screw (6-32 x 3/4")
19	815-0104	Round Head Screw (8-32 x 5/16")
20	850-0040	Lock Washer (1/4")
21	850-0030	Lock Washer (#10)
22	850-0045	Lock Washer (5/16")
23	800-0028	Hex Head Cap Screw (5/16-18 x 1")
24	821-0010	Hex Head Cap Screw (1/4-20 x 1/2")
25	526-0006	Flat Washer (#12)
26	526-0214	Flat Washer (1/4")
27	526-0113	Flat Washer (5/16")
28	815-0261	Hex Head Cap Screw (1/4-20 x 7/16")
29	134-2606	Screen Guard (Stationary)
30	815-0378	Self Tapping Screw (#14 x 1/2")

**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RI**

IGNITION GROUP

ALL ENGINE PARTS MUST BE  
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CAL ONAN DEALER.



**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RI**

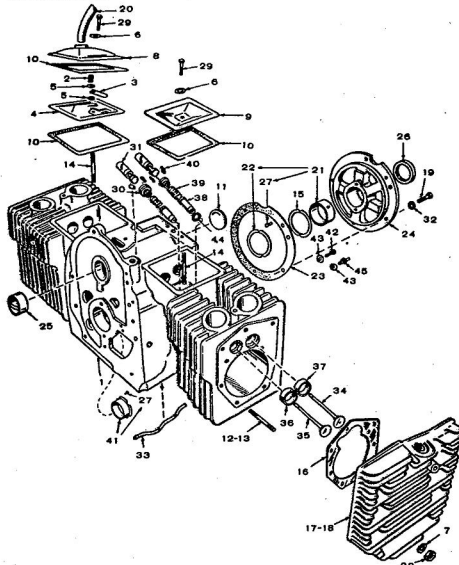
IGNITION GROUP

REF. NO.	PART NO.	PART DESCRIPTION
1	160-1158	Breaker Box Assembly
2	100A1148	*Gasket
3	503-0311	Clamp
4	160-1154	*Point Set
5	526-0003	*Flat Washer (#8)
6	312-0069	*Condenser
7	167-0188	Clip
8	100A1150	*Gasket
9	160-1149	*Cover
10	160-1151	Plunger
11	167-1462	Cable (16-3/4")
12	166-0535	Coil
13	167-1465	Cable (19")
14	815-0358	*Fan Head Screw (8-32 x 3/8")
15	167-0241	Spark Plug
16	336-2132	*Lead Assembly
17	802-0034	Socket Head Screw (1/4-20 x 3/4")
18	850-0038	Lock Washer (1/4")
19	850-0025	*Lock Washer (#8)
20	815-0405	Pan Head Screw (#8-32 x 1/2")
21	870-0221	Nut (#8-32)
22	815-0403	Pan Head Screw (#8-32 x 6/16")

\*INCLUDED IN BREAKER BOX ASSEMBLY  
\*INCLUDED IN GASKET KIT PAGE 10

**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361R1**

CYLINDER BLOCK GROUP  
ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.



**CYLINDER BLOCK GROUP**

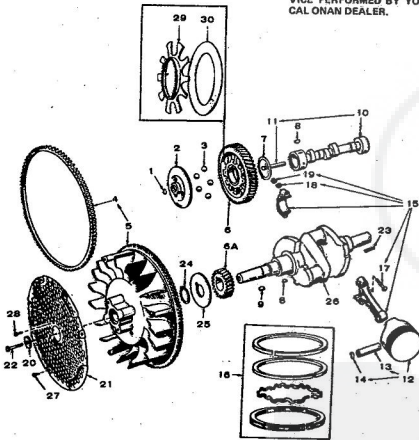
REF. NO.	PART NO.	PART DESCRIPTION
1	110-1943	Cylinder Block Assembl
2	123-1174	Spring
3	123-1175	Valve
4	123-1173	Baffle
5	526-0018	Flat Washer (1/4" Steel)
6	526-0063	Flat Washer (1/4" Copper)
7	526-0122	Flat Washer (5/16" Steel)
8	110-1878	Cover (L.H.)
9	110-1879	Cover (R.H.)
10	110A1821	*Gasket
11	517-0048	*Expansion Plug
12	520-0424	Stud (5/16" x 2-5/16")
13	520-0759	Stud (5/16" x 2-1/16")
14	104-0776	*Shim (.005")
15	104-0776	*Gasket
16	110A1820	*Gasket
17	110-1924	Cylinder Head (R.H.)
18	110-1925	Cylinder Head (L.H.)
19	800-0051	Hex Cap Screw (3/8-16 x 1)
20	123-1176	Breather Tube
21	REAR BEARING KIT	
	101-0420	*Standard
22	101-0420-02	.002" Undersize
	104-0575	*Bearing Thrust Washer
23	101-0415	*Gasket
24	101-0407	*Bearing Plate (Less Bush)
25	101-0367	*Camshaft Bearing (Precision)
26	506A41	*Oil Seal
27	516-0072	*Snap Pin
28	110-0445	Hex Nut (5/16-24)
29	800-0010	Screw, Hex Cap (1/4-20 x 1)
30	110-0893	Retainer
31	115-0006	Tapper
32	850-0050	*Lock Washer (3/8")
33	120-0706	*Oil Tube
34	110-1808	Intake Valve
35	110-1809	Exhaust Valve
36	EXHAUST VALVE SEAT INSERT	
	110-0245	Standard
	110-0245-02	.002" Undersize
37	INTAKE VALVE SEAT INSERT	
	110-0197	*Standard
	110-0197-02	*.002" Undersize
38	110-1935	*Valve Guide
39	110-0539	Valve Spring
40	110-0639	Retaining Lock
41	FRONT BEARING KIT	
	101-0432	*Standard
	101-0432-02	.002" Undersize
42	806-0027	Hex Head Cap Screw (3/8-16 x 1)
43	526-0066	Flat Washer (3/8" Copper)
44	110A088	*Gasket (Used with Intake Valve)
45	520-0820	Stud (3/8-16)

\*INCLUDED IN CYLINDER BLOCK ASSEMBLY  
\*INCLUDED IN GASKET KIT PAGE 168K124

**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361R1**

CRANKSHAFT, FLYWHEEL, CAMSHAFT  
AND PISTON GROUP

ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.



**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361R1**

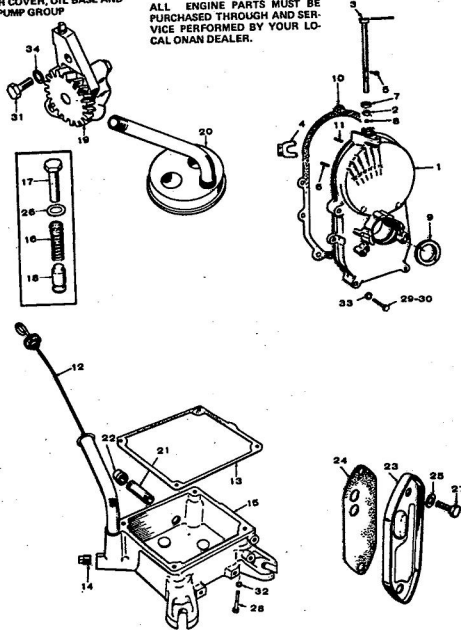
CRANKSHAFT, FLYWHEEL, CAMSHAFT  
AND PISTON GROUP

REF. NO.	PART NO.	PART DESCRIPTION
1	150-0078	Snap Ring
2	150-0612	Governor Cup
3	510-0015	Flyball
4	104-0779	Ring Gear
5	134-2432	Flywheel Assembly (Includes Gear and Rotor)
6	105-0332	Camshaft Gear (Includes Spacer and Plate)
6A	104-0032	Camshaft Gear
7	105-0004	Crankshaft Gear
8	105-0004	Thrust Washer
9	515-0001	Woodruff Key (1/8" x 1/2")
10	515-0098	Woodruff Key (3/16" x 3/4")
11	105-0388	Camshaft and Center Pin A
12	150-0075	Center Pin
	PISTON AND PIN (Includes Retaining Rings)	
	112-0134	Standard
	112-0134-05	.005" Undersize
	112-0134-10	.010" Undersize
	112-0134-20	.020" Undersize
	112-0134-30	.030" Undersize
	112-0134-40	.040" Undersize
13	112-0122	Piston Pin
14	518-0311	Retaining Ring
15	114-0225	Rod Assembly
16	RING SET	
	113-0174	Standard
	113-0174-05	.005" Undersize
	113-0174-10	.010" Undersize
	113-0174-20	.020" Undersize
	113-0174-30	.030" Undersize
	113-0174-40	.040" Undersize
17	114-0228	Bolt (Special)
18	526-0017	Flat Washer (Special)
19	870-0137	Locking Nut (5/16-24)
20	850-0055	Lock Washer (7/16")
21	134-2384	Guard
22	104-0170	Hex Head Cap Screw (7/16-14 x 4")
23	515-0103	Key (1/4" x 1/4" x 2")
24	518-0614	Retaining Ring
25	104-0043	Washer
26	104-0889	Crankshaft
27	821-0016	Locking Screw (1/4-20 x 1/2")
28	821-0014	Locking Screw (5/16-18 x 1/2")
29	150-1257	Governor Flyball Spacer
30	150-0077	Governor Flyball Plate

**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361R1**

GEAR COVER, OIL BASE AND OIL PUMP GROUP

ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.



**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361R1**

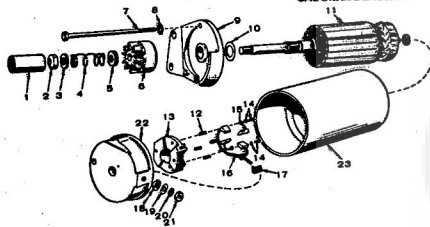
GEAR COVER, OIL BASE AND OIL PUMP GROUP

REF. NO.	PART NO.	PART DESCRIPTION
1	103-0498	Gear Cover Assembly
2	510-0105	*Bearing (Upper)
3	150-1470	*Shaft and Arm Assembly
4	150-1187	*Yoke
5	815-0046	*Screw (8-32 x 3/8")
6	516-0150	*Pin (3/16" x 7/8")
7	828	*Oil Seal
8	510-0014	*Bearing
9	808A40	*Seal
10	1080A08	*Gasket
11	516-0011	Pin (5/16" x 1-1/8")
12	123-1138	Cap and Indicator
13	1080A03	*Gasket
14	505-0056	Pipe Plug (1/2")
15	102-0741	Oil Base
16	120-0140	Spring (Oil By-Pass)
17	801-0050	Hex Head Screw (3/8-24 x 1")
18	120-0398	Oil By-Pass
19	120-0491	Valve (Oil By-Pass)
20	120-0713	Oil Pump Assembly (Complete)
21	505-0002	Intake Assembly
22	505-0158	Pipe Nipple (1/2" x 3")
23	122-0359	Pipe Cap (1/2")
24	122-0321	Cover
25	526-0122	Gasket
26	526-0066	Flat Washer (5/16" Copper)
27	800-0026	Flat Washer (3/8" Copper) Oil By-P
28	800-0056	Hex Head Cap Screw (5/16-18 x 3/4")
29	800-0032	Hex Head Cap Screw (3/8-16 x 2-1/2")
30	800-0054	Hex Head Cap Screw (5/16-18 x 1-3/4")
31	800-0007	Hex Head Cap Screw (5/16-18 x 2-1/4")
32	850-0050	Hex Head Cap Screw (1/4-20 x 1")
33	526-0065	Lock Washer (3/8")
34	850-0040	Lock Washer (1/4")

**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361R1**

STARTER PARTS GROUP

ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.

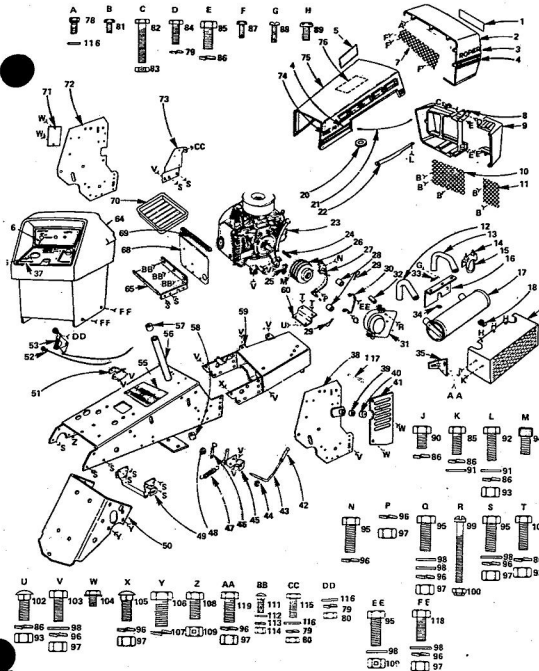


REF. NO.	PART NO.	PART DESCRIPTION
1	191-0935	Starting Motor (Complete)
2	191-1034	Dust Cover
3	191-1045	Stop Nut
4	191-1046	Stop Nut Washer
5	191-1035	Anti-drift Spring
6	191-1047	Dust Cover Spacer
7	191-1036	Drive Assembly
8	191-1048	Hex Cap Screw - Starter Through
9	850-0040	Lock Washer
10	191-1037	Drive End Cap Assembly
11	191-1038	Armature Thrust Washer
12	191-1039	Armature
13	Not Sold Separately	*Brush Spring
14	Not Sold Separately	*Brush Holder
15	Not Sold Separately	*Screw and Lock Washer - Brush and Brush Holder Mounting
16	Not Sold Separately	*Ground Brush
17	Not Sold Separately	*Input Stud and Brush Assembly
18	Not Sold Separately	*Insulation Bushing - Input Stud
19	Not Sold Separately	*Insulation Washer - Input Stud
20	Not Sold Separately	*Flat Washer - Input Stud
21	Not Sold Separately	*Lock Washer - Input Stud
22	Not Sold Separately	*Securing Nut - Input Stud
23	191-1040	Commutator Cap Assembly (Includes Parts Marked *)
24	Not Sold Separately	Starter Motor Housing
25	191-1041	Brush, Spring and Stud Nut (Includes Parts Marked *)

\* - Included in 191-1040 Cap Assembly  
\* - Included in 191-1041 Brush, Spring and Stud Kits.

**REPAIR PARTS: ROPER 18T GARDEN TRACTOR MODEL NO. T932610**

**MAIN FRAME, DASH AND GRILL**



**ROPER 18T GARDEN TRACTOR MODEL NO. T932610**

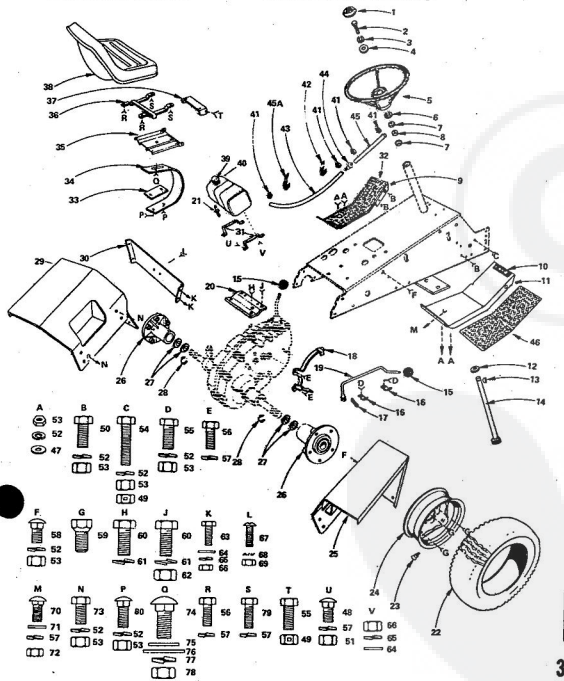
**MAIN FRAME, DASH AND GRILL**

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	6955R	Decal - Grill Front - "Roper"	88	7912R	Battery Heat Sh
2	3622R	Grill - Upper	89	7874R	Hood Seal
3	6966R	Decal - "Roper"	70	8630R	Battery Tray
4	7001R	Decal - Hood and Grill Strip - Short	71	7728R	Cover - L.H.
5	6957R	Decal - Hood and Grill Strip - Long	72	7722R	Bracket - Battery
6	6251R	Decal - Dash Upper	73	7855R	Bracket - Recoil
7	3621R	Grill Screen - Upper	74	7762R	Decal - Eight Sp
8	7827R	Grill - Lower	75	634A551	Hood Ass'y.
9	7838R	Grill Side	76	8029R	Decal - Hood
10	2674R	Grill Screen - L.H.	78	8028R	Hex. Ind. Self T.
11	2672R	Grill Screen - R.H.	79	1002P	Ext. Tooth Lock
12	2898R	Exhaust Manifold - Rear	80	503P	*Lockwasher 1/4"
13	2897R	Exhaust Manifold - Front	81	5501P	*Hex Nut 1/4 - 20
14	504P	*Hex Nut 5/16 - 18 UNC	82	3267P	*Phillips Pan Hd.
15	683A149	Muffer Clamp (Inc. Key No. 14)	83	1655H	10 - 24 x 3/8 Ty
16	8376R	Heat Shield - Carburetor	84	3003P	*Hex Bolt 1/4 - 20
17	7742R	Muffer	85	3010P	*Hex Bolt 5/16 - 18
18	8794R	Clip	86	1003P	*Lockwasher 5/16"
19	634A206	Muffer Guard Ass'y.	87	5564P	*Phillips Pan Hd.
20	1537P	*Washer 11/32 x 11/16 x 16 Ga.	88	5569P	10 - 24 x 1/2 Ty
21	8058R	Grill Cable	89	3253P	10 - 24 x 2/4 Ty
22	7746R	Grill Brace	90	3008P	*Phillips Pan Hd.
23	80-MS2950A	Engine Crank Twin 18 H.P.	91	1522P	1/4 - 20 x 1/2
24	8296E	Sa. Key 1/4 x 2	92	3011P	*Hex Bolt 5/16 - 18
25	8295R	Ball Retainer Finger	93	504P	*Hex Nut 5/16 - 18
26	634A104	Engine Pulley w/Set Screws	94	4514P	Hex Socket Head
27	634A527	Shaft	95	3023P	5/16 - 18 x 5/8
28	8704H1	Split Guide Weldment	96	1004P	*Lockwasher 3/8"
29	4939M	Retainer Spring	97	501P	*Hex Nut 3/8 - 16
30	8011H	Ball Retainer	98	1512P	*Washer 13/32 x 1 - 1/4
31	634A559	Ball Guard Weldment	99	3164P	1/4 - 20 x 2 - 1/4
32	8228H	Split Spacer	100	347H	Hydrolok Nut 1/4 - 20 x 1/2
33	8778H	Clip	101	3012P	*Hex Bolt 3/8 - 16
34	5531H	"J" Clip	102	17P	*Sq. Neck Carriage
35	8298R	Muffer Guard Bracket	103	3127P	*Hex Bolt 3/8 - 16
36	8250R	Decal - Dash - Lower	104	5557P	Hex Washer Hd. T.
37	8252R	Decal - Maintenance Meter	105	28P	1/4 - 20 x 1/2 Ty
38	634A762	Battery Support Bracket (Inc. Key 39)	106	3035P	*Sq. Neck Carriage
39	7756R	Bearing	107	500P	3/8 - 16 x 1 Gr. 5
40	8006R	Cap	108	3021P	*Hex Bolt 7/16 - 14
41	7728R	Cover - R.H.	109	5384H	*Lockwasher 7/16"
42	4378H	Handle Grip	110	53P	*Locknut 3/8 - 16 L
43	7945R	Attachment Clutch Lever	111	53P	*Sq. Neck Carriage
44	8003P	Bearing	112	1638P	*Washer 7/32 x 7/16
45	634A785	Hanger Weldment R.H. - Front	113	1065P	*Lockwasher 1/2"
46	7944R	Belt Tightener Arm	114	501P	*Hex Nut 10 - 24 U
47	7946R	Return Spring	115	3114P	*Hex Bolt 3/8 - 16
48	7819H	Locknut 3/8 - 24 UNF	116	1509P	*Washer 9/32 x 5/8
49	634A214	Hanger Weldment - Rear	117	2514P	*Cotter Pin 1/4 x 1 - 1/8
50	634A787	Drawer and Weldnuts	118	3027P	*Hex Bolt 3/8 - 16
51	634A355	Hanger Weldment - L.H. - Front	119	3025P	*Hex Bolt 3/8 - 16
52	7931H	Check Control			
53	4652R	Throttle-Remote Control			
54	7939R	Decal (Shift Pattern)			
55	634A826	Chassis Ass'y. (Inc. Key 57 & 58)			
56	6466H	Bearing			
57	4766H	Bearing			
58	634A749	Engine Mount Ass'y.			
59	2665R	Grill Spacer			
60	8402R	Dashboard			
61	8527R	Battery Support			

\*STANDARD HARDWARE-PURCH

**ROPER 18T GARDEN TRACTOR MODEL NO. T932610**

**STEERING AND FINAL DRIVE**



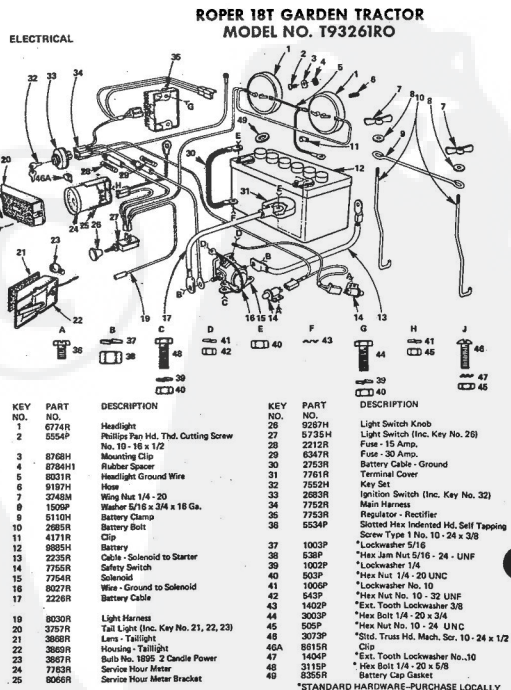
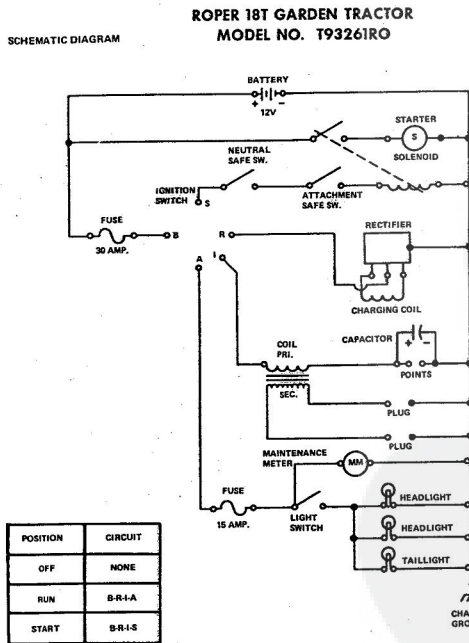
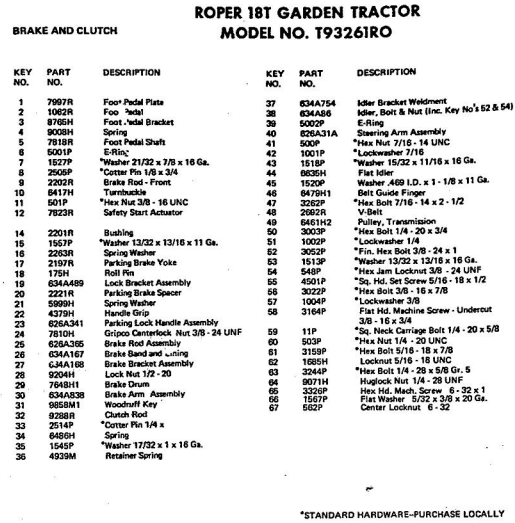
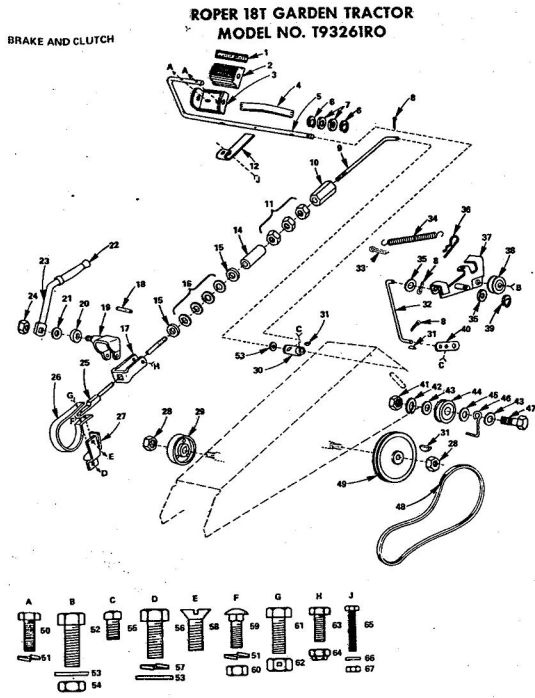
**ROPER 18T GARDEN TRACTOR MODEL NO. T932610**

**STEERING AND FINAL DRIVE**

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	6961R	Steering Wheel Cap	46	3642R	Foot Rest Pad - R.H.
2	3023P	*Hex Bolt 3/8 - 16 x 1	47	1513P	*Washer 13/32 x 13/16 x 5/8
3	1004P	*Lockwasher 3/8"	48	16P	Sq. Neck Carriage Bolt
4	1559P	*Washer 7/16 x 1 - 1/4 x 10 Ga.	49	5384H	Locknut 3/8"
5	3644R	Steering Wheel	50	3137P	*Hex Bolt 3/8 - 16 x 1 - 1/8
6	5003P	E-Ring	51	504P	*Hex Nut 5/16 - 18 UNC
7	9007H	Cap	52	1004P	*Lockwasher 3/8"
8	5949R	Rubber Bushing	53	501P	*Hex Nut 3/8 - 16 UNC
9	634A569	Foot Rest - L.H.	54	3236P	*Hex Bolt Fuel The. 3/8"
10	2267R	Deal (Attach. Clutch)	55	3022P	*Hex Bolt 3/8 - 16 x 2 1/8
11	634A570	Foot Rest - R.H.	56	3010P	*Hex Bolt 5/16 - 18 x 3/4
12	3653P	*Washer 5/16 x 1 - 1/4 x 16 Ga.	57	1003P	*Lockwasher 5/16"
13	9858M1	*Woodruff Key 3/16 x 5/8	58	16P	Sq. Neck Carriage Bolt
14	634A626	Steering Shaft and Pinion	59	1304H	Hub Bolt
15	7807R	Control Knob	60	3034P	*Lockwasher 7/16"
16	6442H	Shift Rod Bracket	61	1001P	*Hex Bolt 7/16 - 14 x 1
17	2511P	*Cotter Pin 3/16 x 1	62	900P	*Hex Nut 7/16 - 14 UNC
18	634A22A	Ball Guide	63	3003P	*Hex Bolt 1/4 - 20 x 3/4
19	6477H	Range Shift Rod	64	1506P	*Washer 9/32 x 5/8 x 16
20	6459H	Transmission Bracket	65	1002P	*Lockwasher 1/4"
21	815R	Fuel Line Fitting	66	900P	*Hex Nut 1/4 - 20 UNC
22	4607R	Rear Tire 23 x 10.50 - 12	67	3073P	*Slid. Truss Hd. Machine
23	795R	Tire Valve	68	1404P	10 - 24 x 1/2
24	3635R	Rear Wheel	69	505P	Ext. Tooth Lockwasher 1
25	634A593	Fender - Rear	70	5P	*Hex Nut No. 10 - 24 UNF
26	634A692	Wheel Hub - Rear	71	1537P	*Washer 11/32 x 11/16 x 1
27	7563R	Axle Thrust Washer	72	504P	*Hex Bolt 5/16 - 18 UNC
28	5985R	E-Ring	73	3021P	*Hex Bolt 5/16 - 18 UNC
29	634A594	Fender - L.H.	74	25P	*Bracket Bolt 1/2 - 13 x 1
30	3625R	Bracket - Tail Light	75	1979P	*Washer 3/4 x 1 - 1/8 x 11
31	3656R	Bracket - Fuel Tank	76	1509P	*Washer 17/32 x 1 - 7/8 x 1
32	3641R	Foot Rest Pad - L.H.	77	1000P	*Lockwasher 1/2"
33	8141H	Seat Spring Reinforcement	78	502P	*Hex Nut 1/2 - 13
34	6404R	Seat Spring	79	3189P	*Hex Bolt 5/16 - 18 x 7/8
35	634A533	Seat Plate Weldment	80	61P	*Sq. Nk. Shd. Car. Bolt
36	634A532	Seat Bracket Weldment	81	7728R	Owners Manual
37	2603R	Bracket - Seat Pivot			
38	4889R	Seat			
39	7280R	Fuel Gauge			
40	2602R	Fuel Tank			
41	6998R	Clamp - Fuel Line			
42	2751R	Clip - Fuel Line			
43	7834R	Fuel Line			
44	7741R	In-Line Filter			
45	7833R	Fuel Line			
45A	9297R	Clip-Fuel Line			

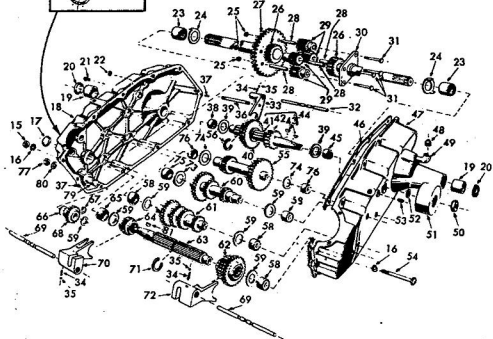
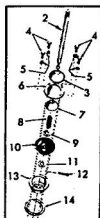
\*STANDARD HARDWARE-PURCHASE





**ROPER 18T GARDEN TRACTOR  
MODEL NO. T93261RO**

**TRANSAXLE**



**ROPER 18T GARDEN TRACTOR  
MODEL NO. T93261RO**

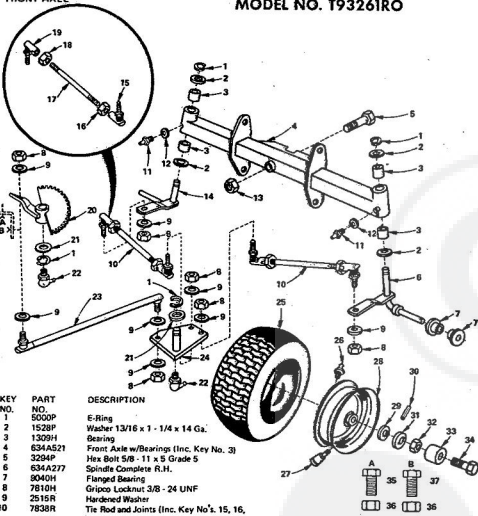
**TRANSAXLE**

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	833A7B	Transaxle Assembly less	38	8118M	Needle E
2	4213H1	Brake Drum	39	6266H	Thrust B
3	4869H1	Gear Shift Lever Straight	40	633A14	High-Low Hub
4	1002P	Gear Shift Cap	41	6221H	3rd Redu
5	3159P	Hex Bolt 3/16-18 x 7/8	42	8659H	4th Redu
6	6254H1	Lockwasher 5/16	43	2228H	Woodruff
7	6259H	Gear Shift Ball Cover	44	633A32	3rd Redu
8	4924C	Shift Lever Guide Ball	45	8119M	Needle B
9	1544P	Spring	46	6275H	Gasket-G
10	8105R	Washer 15/32 x 5/8 x 1/4 10 Ga.	47	633A27	Gear Gas
11	1525P	Washer 9/16 x 15/16 x 1/11 Ga.	48	4002P	* Pipe Plug
12	3205P	*Center 1/8 x 3	49	6063P	Lock Nut
13	633A19	Gear Shift Gate and Reinforce-ment	50	6264P	* Pipe Plug
14	6274H	Gasket-Shift Ball Cover	51	7648H1	Break Dr
15	5040	Hex Nut 3/16-18	52	6271H	Oil Seal
16	1007P	Lockwasher 5/16 Extra Heavy	53	4001P	* Pipe Plug
17	6270H	Oil Seal	54	3087P	Grade 5
18	633A28A	Gear Case, Reverse Idler Shaft and Bearings R.H.	55	633A33	4th Redu
19	8003R	Staggered Iron Bearing	56	6276H	Snap Ring
20	7382R	Oil Seal	58	4892H	Needle B
21	5835H	Pressure Relief Valve	59	1700H	Thrust Be
22	6269H	Oil Seal	60	633A31	2nd Redu
23	3039R	Needle Bearing	61	633A30	Speed Ch
24	6254H	Axle Thrust Washer	62	633A11	Intermedi
25	7810H	Centerlock Gripco Nut 3/8-24	63	6218H	Pinions
26	633A73	Axle Shaft and Gear	64	6231H	Input Sha
27	8662P	Final Drive Gear	64	4894H	Low Spee
28	6252H1	Bushing-Differential Pinion	66	7392H	Reverse I
29	8657H	Differential Pinion	67	5001P	E-Ring
30	6262H1	Differential Carrier	68	1135R	Reverse I
31	3056P	Hex Bolt 5/8 x 2 1/2 x 3/4	69	6216H	Shift Fork
			70	6352H	Shift Fork
32	6217H	High-Low Range Shift Fork	71	4726H	Snap Ring
			72	4219H	Shift Fork
33	6260H	Shift Fork High-Low Range	73	7395H	Thrust Be
34	6272H	Spring Shift Fork Detent	74	7396H	Thrust Be
35	7392M	Steel Ball	75	7398H	Needle Be
36	6212H	High-Low Range Shaft	76	8117M	Needle B
37	6271H	Dowel Pin	77	5411P	Sealing W
			79	7384P	Reverse I
			80	1167R	Sealing W
			81	9658H1	Woodruff E

\*STANDARD HARDWARE-PURCHASE

**ROPER 18T GARDEN TRACTOR  
MODEL NO. T93261RO**

**FRONT AXLE**



KEY NO.	PART NO.	DESCRIPTION
1	5000P	E-Ring
2	1528P	Washer 13/16 x 1 - 1/4 x 14 Ga.
3	1309H	Bearing
4	634A621	Front Axle w/Bearings (Inc. Key No. 3)
5	3204P	Hex Bolt 5/8 - 11 x 5 Grade 5
6	634A277	Spindle Complete R.H.
7	8040H	Flanged Bearing
8	7810H	Gripco Locknut 3/8 - 24 UNF
9	2516R	Hardened Washer
10	7855R	Tie Rod and Joints (Inc. Key No's. 15, 16, 17, 18 & 19)
11	8955M	Grease Fitting
12	1506P	Washer 9/32 x 1/2 x 14 Ga.
13	4764H	Hublock Nut 5/8 x 11 UNC
14	634A278	Spindle Complete L.H.
15	8515R	Tie Rod Joint (R.H. Thread)
16	856P	Hex Jam Nut 1/2 - 20 UNF
17	634A819	Tie Rod and Nuts (Inc. Key No's. 16 & 18)
18	559P	Hex Jam Nut 1/2 - 20 (L.H. Thread)
19	8514R	Tie Rod Joint (L.H. Thread)
20	634A813	Steering Gear Sector and Arm
21	1552P	Washer 49/64 x 1 - 1/4 x 16 Ga.
22	8462M	Grease Fitting
23	7827R	Drag Link and Joints
24	634A8W	Steering Ball Crank Weldment
25	3038R	Front Tire - Tubeless 16 x 6.50 - 8

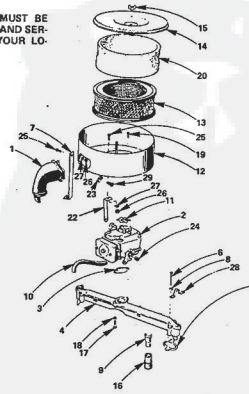
KEY NO.	PART NO.	DESCRIPTION
26	8955M	Grease Fitting 1/4 - 28 Taper Thrd.
27	795R	Tire Valve
28	3638R	Front Wheel (Inc. Key No's. 7 and 28)
29	1552P	Washer 25/32 x 1 - 1/2 x 16 Ga.
30	8785H	*Roll Pin 5/32 x 1
31	8785H	Wear Washer
32	4831H	Elastic Nut 3/4 - 10 UNF
33	8783H	Dust Cap-Outer
34	3089P	Hex Bolt 5/16 - 18 x 1/2
35	3032P	*Hex Bolt 3/8 - 24 x 1
36	515P	*Hex Nut 3/8 - 24 UNF
37	3234P	*Hex Bolt 3/8 - 24 x 1 1/4

\*STANDARD HARDWARE-PURCHASE LOCALLY

**ROPER 18T GARDEN TRACTOR  
MODEL NO. T93261RO**

**FUEL SYSTEM GROUP**

ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.



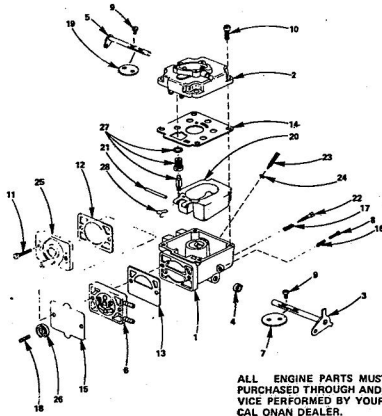
KEY NO.	PART NO.	DESCRIPTION
1	140-1169	Tube, Air Intake (Air Cleaner to Blower Housing)
2	142-0568	TCarburetor, Gasoline (With Integral Fuel Pump)
3	145-0438	*Gasket, Carburetor Mounting
4	154-1468	Manifold, Intake
5	154-1744	*Gasket, Intake - Manifold
6	800-0034	Screw, Hex Head Cap (5/16 - 18 x 2 - 1/4")
7	140-1168	Support, Air Cleaner
8	850-0045	Washer, Spring Lock (5/16")
9	105-1365	Invert, Exhaust Pipe
10	800-0740	Hose, Fuel Pump Vacuum
11	140-1215	*Gasket, Air Cleaner Mts.
12	140-1213	Housing, Air Cleaner
13	140-1216	Element, Air Cleaner
14	140-1168	Cover, Air Cleaner

KEY NO.	PART NO.	DESCRIPTION
15	805-0020	Nut, Wing - Air Gas
16	505-0815	Nipple, Exhaust (1 - 3/8")
17	800-0023	Screw, Hex Head C (1 - 3/8")
18	850-0040	Washer, Spring Lock
19	815-0377	Screw, Round Head (No. 10 - 32 x 3/8")
20	140-1259	Washer, Air Clean
21	140-1313	Bracket, Air Clean
22	518-0328	Clip, Bracket, Cable
23	149-1321	Cap, Fuel Pump
24	800-0003	Screw, Hex Head C
25	850-0001	Nut, Hex - 5/8 x 1 1/4
26	853-0013	Washer, Lock - ET (
28	403-1021	Bracket, Lifting
29	6592P	Shk. Pin Hd. Set T No. 8 x 3/4

1 - See separate group for component  
\* - Included in Gasket Kit, page 29.

**ROPER 18T GARDEN TRACTOR  
MODEL NO. T93261RO**

**CARBURETOR PARTS GROUP**



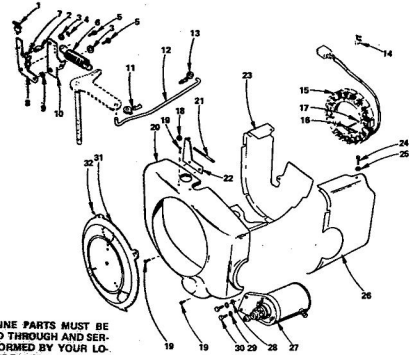
ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	142-0568	Carburetor Assembly, Complete	17	142-0282	*Spring, Idle Needle
2	142-0574	Body Assembly, Lower	18	142-0545	*Spring, Pump Diaphragm
3	142-0534	*Shaft Assembly, Throttle	19	142-0546	Fly, Choke
4	142-0535	*Packing, Shaft	20	142-0547	Float and Lever Assembly
5	142-0536	*Shaft Assembly, Choke	21	142-0548	*Shaft, Float Lever
6	142-0537	*Valve Plate Assembly	22	142-0018	*Needle, Idle
7	142-0538	Fly, Throttle	23	142-0549	Needle Assembly, Power
8	142-0564	Screw, Throttle Stop	24	142-0550	*Gasket, "O" Ring
9	142-0534	*Screw, Fly Mounting	25	142-0551	Cover, Pump
10	142-0539	Screw, Bowl Cover Mounting	26	142-0552	*Plate, Pump Spring
11	142-0540	Screw, Pump Cover	27	142-0553	*Gasket, Float Valve
12	142-0541	*Gasket, Base to Diaphragm	28	142-0554	*Gasket Set (Includes Parts Marked *)
13	142-0542	*Gasket, Plate to Base	142-0571		*Gasket Set (Includes Parts Marked *)
14	142-0512	*Gasket, Sleeve Assembly to Base	142-0570		Repair Kit (Includes Parts Marked *)
15	142-0555	*Diaphragm, Pump			
16	142-0544	Spring, Throttle Stop Screw			

\* - Included in 142-0571 Gasket Set.  
\* - Included in 142-0570 Repair Kit.

**ROPER 18T GARDEN TRACTOR  
MODEL NO. T93261RO**

**GOVERNOR, STARTER,  
CHARGING ALTERNATOR AND  
BLOWER HOUSING GROUP**

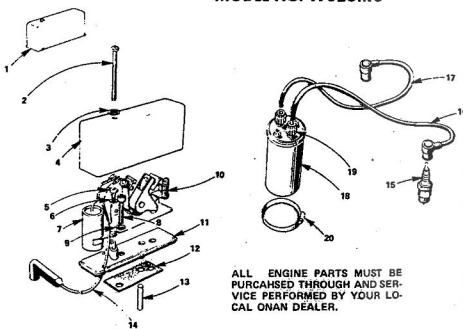


ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	518-0178	Clip, Throttle Cable	19	815-0261	Screw, Hex Head Cap (1/4" x 20 x 7/16")
2	152-0155	Swivel, Throttle Cable	20	134-2991	Mounting, Blower Stud, Governor
3	628-0214	Washer, Flat - Steel (17/64" I.D. x 3/2" O.D. x 1/16" Thick)	21	150-1418	Bracket, Governor Control
4	618-0050	Flg. Cutter - Swivel Mounting	22	150-1433	Housing, Cylinder Air - Left
5	621-0010	Screw, Hex Cap - Flange Locking (1/4" x 20 x 1/2")	24	815-0250	Screw, Hex Head Cap (1/4" x 20 x 5/16")
6	150-1214	Spring, Governor	25	526-0021	Washer, Flat - Steel (17/64" I.D. x 3/4" O.D. x 1/16" Thick)
7	815-0104	Screw, Round Head (No. 8 - 32 x 5/16")	26	134-2888	Housing, Cylinder Air - Right
8	150-1343	Bracket, Governor Mounting	27	191-0933	Starter, 12 Volt (For Components see separate group)
9	150-1289	Bushing, Governor Control	28	526-0113	Washer, Flat - Steel (11/32" I.D. x 1" O.D. x .302" Thick)
10	150-1345	Arm, Governor Control	30	800-0512	Screw, Hex Head Cap (5/16" x 18 x 1")
11	870-0278	Clip, Governor Control Rod to Governor Arm	31	134-3213	Guard, Blower Housing
12	150-1350	Rod, Governor Control	32	815-0378	Screw, Ind. Hex Head w/E.T. (No. 14 x 1 1/2")
13	618-0004	Clip, Governor Control Rod to Calchurner			
14	187-0188	Clip, Alternator Lead Support			
15	191-1102	Stator, Charging Alternator			
16	813-0108	Screw Round Head - Steel (No. 10 - 32 x 1 - 1/2")			
17	850-0030	Washer, Spring Lock (No. 10)			
18	870-0131	Nut, Hex (No. 10 - 32)			

**ROPER 18T GARDEN TRACTOR  
MODEL NO. T93261RO**

**IGNITION GROUP**



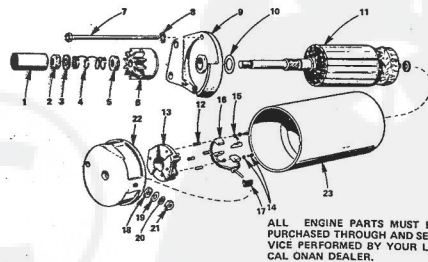
ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.

KEY NO.	PART NO.	DESCRIPTION
1	180-1210	Box Assembly, Breaker (Includes Parts Marked *)
2	812-0108	*Screw, Machine - Round Head (No. 10 - 14 x 1 - 1/2")
3	526-0008	*Washer, Flat (13/64" I.D. x 7/16" O.D. x 1/32" Thick)
4	180-1176	*Cover, Breaker Box
5	815-0358	*Screw, Tapping - Hex Head (No. 8 - 32 x 5/16")
6	850-0025	*Washer, Lock - Spring (No. 8)
7	312-0198	Condenser, Ignition
8	802-0834	*Screw, Cap - Socket Head (1/4" x 3/16")
9	850-0038	*Washer, Lock - Spring - High Collar (1/4")
10	180-1183	*Point Assembly, Breaker
11	180-1172	*Base, Breaker Box
12	180-1150	*Gasket, Breaker Box
13	180-1151	Plunger, Breaker Point Assembly
14	338-2322	Lead, Breaker Points to Coil
15	167-0241	Plug, Spark
16	167-1463	Cable, Spark Plug (19")
17	167-1462	Cable, Spark Plug (16 - 3/4")
18	166-0636	Coil, Ignition
19	166-0604	Nut, Coil Cable (Part of 166-0636 Coil)
20	503-0311	Clamp, Coil Mounting

\* - Parts included in 180-1210 Breaker Box Assembly.  
\* - Included in Gasket Kit, page 25.

**ROPER 18T GARDEN TRACTOR  
MODEL NO. T93261RO**

**STARTER PARTS GROUP**



ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.

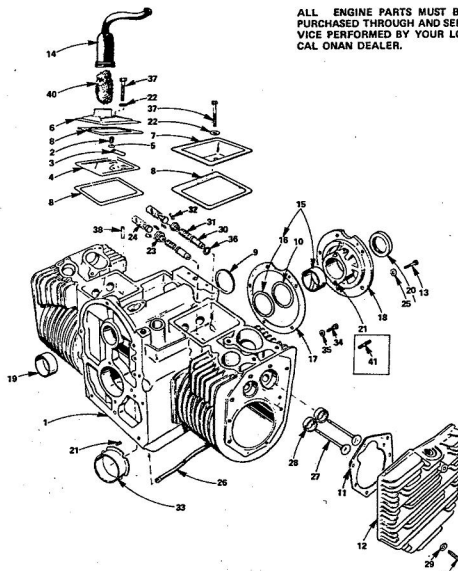
KEY NO.	PART NO.	DESCRIPTION
1	191-0933	Starter, 12 Volt (Complete)
2	191-1034	Cover, Dust
3	1E1-1486	Nut, Stop
4	191-1025	Spring, Anti-drift
5	191-1047	Spacer, Dust Cover
6	191-1026	Drive Assembly
7	191-1048	Screw, Hex Cap
8	850-0040	Washer, Lock
9	191-1037	Cap, Assembly, Drive End
10	191-1038	Washer, Armature Thrust
11	191-1039	Armature
12	▲	1" Spring, Brush
13	▲	1" Brush Holder
14	▲	1" Screw and Lockwasher
15	▲	1" Brush, Ground
16	▲	1" Stud and Brush Assembly, Input
17	▲	1" Bushing, Insulation - Input Stud
18	▲	Washer, Insulation - Input Stud
19	▲	Washer, Flat - Input Stud
20	▲	Washer, Lock - Input Stud
21	▲	Nut, Securing - Input Stud
22	191-1040	Cap Assembly, Commutator (Includes Parts Marked *)
23	▲	Housing, Starter Motor
	191-1041	Repair Kit, Brush, Spring and Stud (Includes Parts Marked *)

▲ - Included in the 191-1040 Cap Assembly.  
\* - Included in the 191-1041 Brush, Spring and Stud Kit.  
▲ - Not Sold Separately

### ROPER 18T GARDEN TRACTOR MODEL NO. T9326IRO

CYLINDER BLOCK GROUP

ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.



### ROPER 18T GARDEN TRACTOR MODEL NO. T9326IRO

CYLINDER BLOCK GROUP

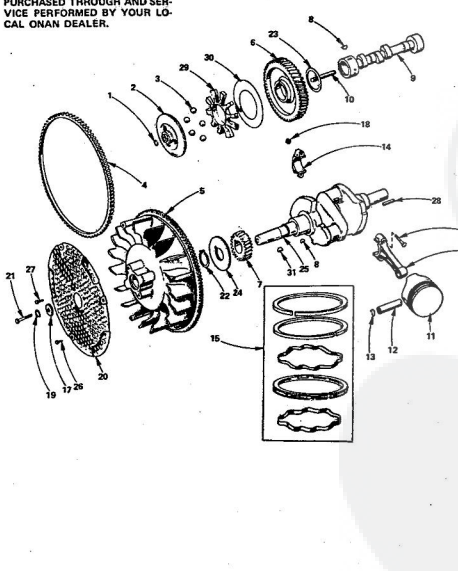
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	110-2387	Block Assembly, Cylinder (Includes Parts Mailed To)	28		INSERT, VALVE SEAT
2	123-1174	Spring, Breather Valve		110-1824	EXHAUST
3	123-1175	Valve, Breather		110-1824-02	.002" Oversize
4	123-1173	Baffle, Breather		110-1824-05	.005" Oversize
5	526-0018	Washer, Flat - Steel (17/64" L.D. x 5/8" O.D. x 1/16" Thick)		110-1824-10	.010" Oversize
6	110-2274	Cover, Valve Compartment (L.H.)		110-1824-25	.025" Oversize
7	110-1879	Cover, Valve Compartment (R.H.)			INTAKE
8	110-1821	xGasket, Valve Cover		110-0197-02	.002" Oversize
9	517-0048	Pin, Extension - Camshaft		110-0197-05	.005" Oversize
10	104-0776	TShim, Rear Bearing Plate (.005")		110-0197-10	.010" Oversize
11	110-2287	xGasket, Cylinder Head		110-0197-25	.025" Oversize
12		HEAD, CYLINDER		526-0122	Washer, Flat - Steel (11/32" L.D. x 10 Gauge)
13	110-2273	Right Side (No. 2 Cylinder)	29	110-1807	TGuide, Valve
14	110-2272	Left Side (No. 1 Cylinder)	30	110-0639	Spring, Valve
15	800-0591	Screw, Hex Head Cap - Steel (3/8 - 16 x 1 - 1/4")	31	110-0629	Lock, Valve and Spring Retains
		BEARING, CRANKSHAFT - REAR (INCLUDES THRUST WASHER)	32	110-0629	BEARING, CRANKSHAFT - F (FLANGES)
	101-0450	Standard		101-0432	TStandard
	101-0450-02	.002" Undersize		101-0432-02	.002" Undersize
	101-0450-10	.010" Undersize		101-0432-10	.010" Undersize
	101-0450-20	.020" Undersize		101-0432-20	.020" Undersize
	101-0450-30	.030" Undersize		101-0432-30	.030" Undersize
16	104-0575	TWasher, Crankshaft Bearing Thrust	34	800-0046	Screw, Hex Head Cap (3/8 - 16)
17	101-0415	xGasket, Bearing Plate	35	526-0066	Washer, Flat - Copper (25/64" x 3/4" O.D. x 1/16" O.D.)
18	101-0439	TPlate, Bearing (Excludes Bearings)	36	110-0068	xGasket, Valve Guide (Intake)
19	101-0405	Tbearing, Camshaft (Precision)	37	800-0010	Screw, Hex Head Cap (1/4 - 20 x 1 - 3/4")
20	509-0041	TSeal, Bearing Plate	38	149-1299	Tube, Fuel Pump Vacuum
21	510-0072	Tpin, Main Bearing Stop	39	800-0640	SCREW, HEX HEAD CAP (5/16 - 18 x 1 - 5/8)
22	526-0063	Washer, Flat - Copper (17/64" L.D. x 7/16" O.D. x 1/32" Thick)	40	800-0541	5/16 - 18 x 2"
23	110-0904	Rotorcap, Valve	41	123-0865	Filter, Breather Tube
24		TARJET, VALVE		520-0820	Stud, Cylinder Block Wet Hole (Lower)
	115-0006	Standard			
	115-0006-02	.002" Oversize			
	115-0006-05	.005" Oversize			
	850-0050	TWasher, Lock (3/8")			
25	850-0050	TWasher, Lock (3/8")			
26	120-0735	Ttube, Crankcase Oil			
27	110-1808	Intake			
	110-1809	Exhaust			

1 - Included in 110-2387 Cylinder Block Assembly.  
 \* Replacement Front Flange Bearing replaces unitflange bearing and thrust washer.  
 x - Included in Gasket Kit 188-0130.

### ROPER 18T GARDEN TRACTOR MODEL NO. T9326IRO

CRANKSHAFT, FLYWHEEL, CAMSHAFT AND PISTON GROUP

ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.



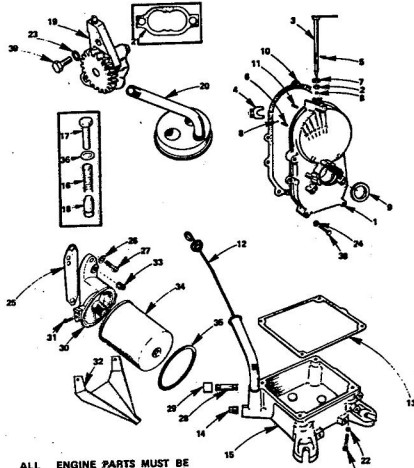
### ROPER 18T GARDEN TRACTOR MODEL NO. T9326IRO

CRANKSHAFT, FLYWHEEL, CAMSHAFT AND PISTON GROUP.

KEY NO.	PART NO.	DESCRIPTION
1	150-0078	Ring, Camshaft Center Pin
2	150-1116	Cap, Governor
3	510-0015	Ball, Fly - Governor
4	104-0778	Gear, Ring - Flywheel
5	134-3309	Flywheel (Includes Ring Gear and Magnet Ring)
6	105-0332	Gear, Camshaft (Includes Flyball Spacer and Plate)
7	104-0032	Gear, Crankshaft
8	515-0001	Key (1/2" Diameter x 1/8")
9	105-0462	Camshaft (Includes Center Pin)
10	150-0075	Pin, Camshaft Center
11		PISTON AND PIN (INCLUDES RETAINING RINGS)
	112-0143	Standard
	112-0143-05	.005" Oversize
	112-0143-10	.010" Oversize
	112-0143-20	.020" Oversize
	112-0143-30	.030" Oversize
	112-0143-40	.040" Oversize
12	112-0122	Pin, Piston
13	518-0311	Ring, Piston Pin Retaining
14		ROD ASSEMBLY, CONNECTING
	114-0247	Standard
	114-0247-10	.010" Oversize
	114-0247-20	.020" Oversize
	114-0247-30	.030" Oversize
15		RING SET, PISTON
	113-0186	Standard
	113-0186-05	.005" Oversize
	113-0186-10	.010" Oversize
	113-0186-20	.020" Oversize
	113-0186-30	.030" Oversize
	113-0186-40	.040" Oversize
16	114-0228	Bolt, Special - Connecting Rod
17	526-0017	Washer, Flat - Steel (15/32" L.D. x 1 - 1/4" O.D. x 1/4" Thick)
18	870-0137	Nut, Locking - Connecting Rod Cap
19	860-0055	Washer, Spring Lock (7/16")
20	134-3212	Guard, Flywheel
21	104-0170	Screw, Hex Head Cap (7/16 - 14 x 4")
22	518-0014	Ring, Retaining - Crankshaft Gear Washer
23	105-0004	Washer, Camshaft Gear Thrust
24	104-0043	Washer, Crankshaft Gear Retainer
25	104-0919	Crankshaft
26	821-0010	Screw, Hex Head Cap - Locking Flange (1/4 - 20 x 1/2")
27	821-0014	Screw, Hex Head Cap - Locking Flange (5/16 - 18 x 1/2")
28	515-0103	Key, Crankshaft Stub (1/4 x 1/4 x 2)
29	150-1267	Spacer, Governor Flywheel
30	150-0077	Plate, Governor Flyball
31	515-0227	Key Kit

**ROPER 18T GARDEN TRACTOR  
MODEL NO. T93261RO**

GEAR COVER, OIL BASE AND  
OIL PUMP GROUP



ALL ENGINE PARTS MUST BE  
PURCHASED THROUGH AND SER-  
VICE PERFORMED BY YOUR LO-  
CAL ONAN DEALER.

**ROPER 18T GARDEN TRACTOR  
MODEL NO. T93261RO**

GEAR COVER, OIL BASE AND  
OIL PUMP GROUP

KEY NO.	PART NO.	DESCRIPTION
1	103-0498	Cover Assembly, Gear (Includes Parts Mach'd *)
2	510-0105	*Bearing, Governor Shaft
3	150-1470	*Shaft and Arm Assembly, Governor
4	150-1157	*Yoke Governor Shaft
5	815-0045	*Screw, Yoke Retaining
6	815-0130	*Pin, Governor Cap Stop
7	528-0028	*Seal, Oil - Governor Shaft
8	810-0014	*Ball, Bearing - Governor Shaft
9	150-0463	*Seal, Gear Cover
10	103-0408	*Gasket, Gear Cover
11	515-0141	Pin, Gear Cover Mounting (5/16 x 7/8")
12	123-1282	Cap and Indicator, Oil Fill
13	102-0992	*Gasket, Oil Base Mounting
14	505-0056	Plug, Oil Drain
15		BASE, OIL
16	102-0741	For Engines With Extended Oil Drain
17	120-0140	Spring, Oil By-Pass Valve
18	801-0050	Screw, Hex Head Cap (3/8 - 24 x 1") - Oil By - Pass
19	120-0386	Valve, Oil By - Pass
20	120-0491	Pump, Oil - Complete (NOTE: Internal parts not sold separately)
21	120-0713	Intake, Oil Pump (Includes: Cap, Screws and Pipe)
22	120-0181	*Gasket Kit, Oil Pump
23	800-0050	Washer, Spring Lock (3/8")
24	528-0085	Washer, Spring Lock (1/4")
25	122-0021	*Gasket, Oil Filter Adapter
26	528-0085	Washer, Flat - Copper (21/64" I.D. x 5/16" O.D. x 1/16" Thick)
27	800-0028	Screw, Hex Head Cap (5/16 - 18 x 1")
28	505-0176	Nipple, Pipe - Oil Drain (1/2 x 3 - 1/2")
29	505-0158	Cap, Pipe (1/2")
30	122-0020	Adapter, Oil Filter
31	815-0194	Screw, Hex Head (No. 10 - 32 x 3/8")
32	122-0380	Drain, Oil Filter
33	502-0050	Plug, Oil Filter Adapter
34	122-0408	Filter, Oil
35	122-0347	*Seal, Air - Oil Filter
36	528-0086	Washer, Flat - Copper (25/64" I.D. x 5/16" O.D. x 1/16" Thick) - By - Pass Valve
37	800-0056	Screw, Hex Head Cap (3/8 - 16 x 2 - 1/2")
38	800-0032	Screw, Hex Head Cap (5/16 - 18 x 1 - 3/4") - Gear Cover Mounting
39	800-0545	Screw, Hex Head Cap (5/16 - 18 x 2 - 3/4") - Gear Cover Mounting
38	800-0007	Screw, Hex Head Cap (1/4 - 20 x 1")

\* Included in Gear Cover Assembly.  
\* Included in Gasket Kit, page 29.