

## MASTER PARTS MANUAL

## GARDEN TRACTORS

### MODELS:

T82251R0  
T02251R0  
T32241R4  
T32341R0  
T62241R3  
T63241R5  
T63361R0  
T63361R1  
T93261R0

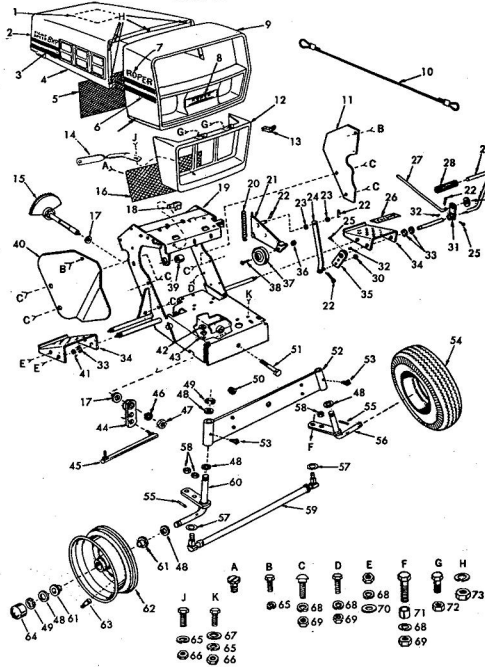
LAWN AND GARDEN  
POWER EQUIPMENT

**ROPER** SALES

1905 WEST COURT STREET  
KANKAKEE, ILLINOIS 60901

617J  
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PRICE \$2.00

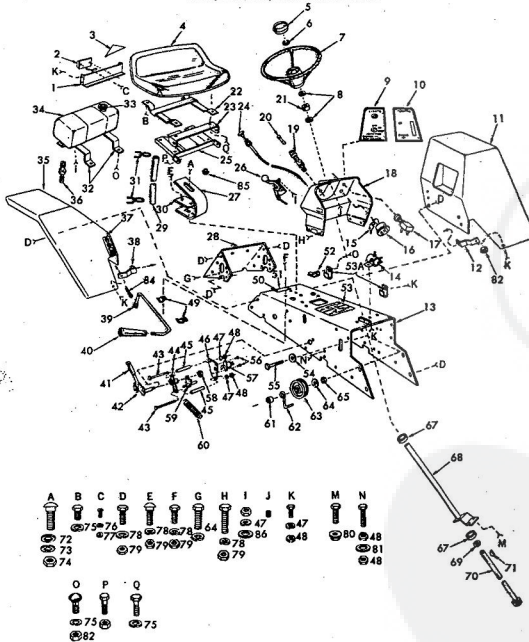
repair parts ROPER RT-8 GARDEN TRACTOR- HOOD, GRILL & FRONT FRAME



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	Roper 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 Braces	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	2215R	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 Cable	66	504P	Hex Nut 3/8-16
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	9858M1	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 x 1 1/4
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	3016P	Hex Bolt 5/16-18 x 3/4
			K	6064R	Owners Manual

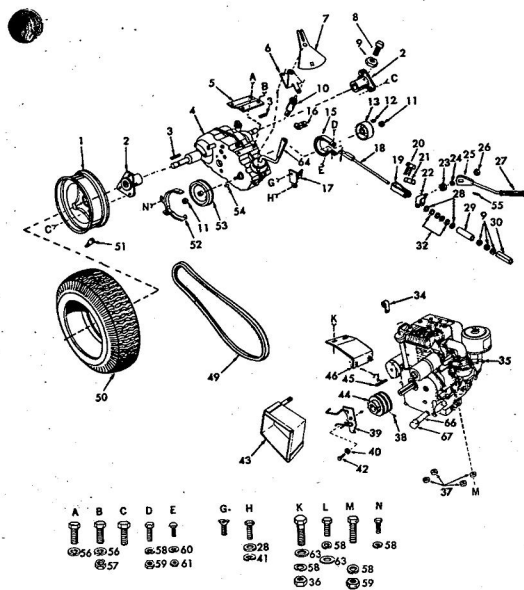
ROPER RT-8 GARDEN TRACTOR- SEAT, FENDERS, DASH & REAR FRAME



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	Insulation 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	2212R	Light Switch	70	626A79	Steering Shaft Assembly
17	2213R	Dashboard less Panels	71	9858M1	Woodruff Key
18	2211R	Fuse Holder	72	1560P	Washer 17/32 x 1 1/4 x 11 Co.
19	2214R	Rubber Bushing	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	Seat Spring	81	1405P	Internal Tooth Lockwasher
28	634A101	Drawbar and Weldments	82	504P	Hex Nut 5/16-18
29	3566R	Fuel Line	83	5744H	Locknut 1/2-20
30	8141H	Seat Spring Reinforcement	84	2511P	Corner Pin 3/16 x 1
31	9772H	Fuel Line Clip	85	5404R	Recessed Bumper
32	6407R	Bracket Fuel Tank	86	1560P	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	Slotted Texas Head, Hex. Screw No. 10-24 x 3/8
36	8100R	Fender Bracket R.H.	D	3072P	Hex Bolt 3/8-16 x 1 1/8
37	8101R	Fender Bracket R.H.	E	8P	Carriage Bolt 3/8-16 x 1
38	4165R	Shift Rod	F	3022P	Hex Bolt 3/8-16 x 1 1/4
39	4672H	Control Knob	G	3035P	Hex Bolt 7/16-14 x 1 1/4
40	4462R	Hand Grip	H	3027P	Hex Bolt 3/8-16 x 1 1/2
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 Nylon
43	3254P	Hex Bolt 1/2-20 x 3/8	K	3114P	Hex Bolt 1/2-20 x 3/4
44	626A345	Clutch Rod Weldment	L	3022P	Hex Bolt 3/8-16 x 1 1/4
45	2215R	Spacer	M	3022P	Hex Bolt 3/8-16 x 1 1/4
46	2218R	Lockwasher 1/2	N	3035P	Hex Bolt 5/16-18 x 1 1/4
47	503P	Hex Nut 3/8-16	O	16P	Carriage Bolt 5/16-18 x 1/2
48	6402H	Shift Rod Bracket	P	3022P	Hex Bolt 3/8-16 x 1 1/4
49	9521H	Drive Rivet	Q	3010P	Hex Bolt 5/16-18 x 1/2
50	9522H	Model Number Plate			
51	2521R	Insulated Clip			
52	6965R	Shift Pattern Plate			
53	2751R	Clip-Fuel Line			

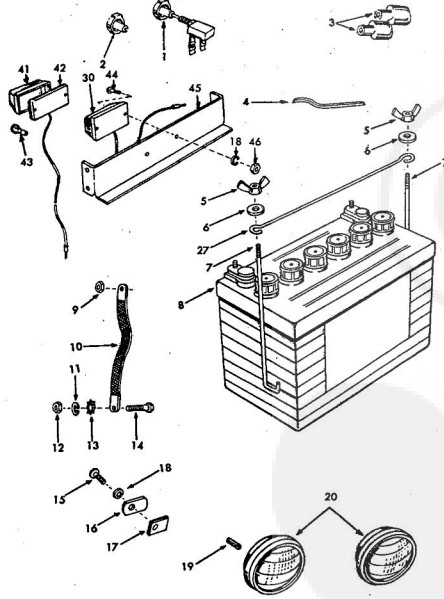
ROPER RT-8 GARDEN TRACTOR-  
TRANSAXLE, BRAKE & ENGINE



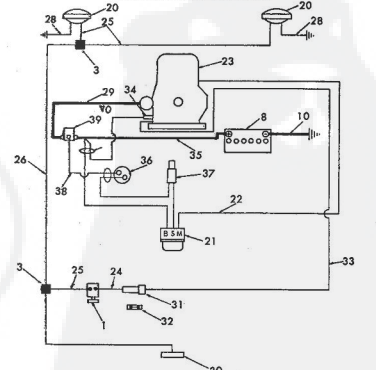
ROPER RT-8 GARDEN TRACTOR  
TRANSAXLE, BRAKE & ENGINE

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) or 634A701 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) Rear Tire-Tubeless	
9	501P	Hex Nut 3/8-16	50	3783R	51 795R	Rear Ball Guard Assem
10	2229R	Neutral Safety Switch (Use on Model Number TR2251R1 Only) or 3348R Neutral Safety Switch (Use on Model Number TR2251R1 Only)	52	626A209	Rear Ball Guard Assem	
11	9204I	Locknut 1/2-20	53	8640H	Transmission (Transmission) Pulley	
12	2229H	Woodruff Key	54	9858M1	Woodruff Key 3/16x5/8	
13	7648H1	Brake Drum and Lining	55	175H	Roll Pin (In Channel & Parking Brake Stop)	
14	634A167	Brake Band and Lining	56	1001P	Lockwasher 7/16	
15	233R	Insulated Clip	57	500P	Hex Nut 7/16-14	
16	626A208	Brake Bracket Assembly	58	1007P	Lockwasher 5/16	
17	626A265	Brake Rod Assembly	59	1685H	Locknut 5/16-18	
18	2197R	Park Brake Yoke	60	1002P	Lockwasher 1/2	
19	3254P	Hex Bolt 3/8-16x3/8 Heat Treated	61	503P	Hex Nut 1/2-20	
20	9071H	Hublock Nut 3/8	63	1537P	Washer 1/2x2x11/16x	
21	634A489	Lock Bracket Assembly	64	4462R	Control Knob	
22	2221R	Park Brake Spacer	65	4011P	Pipe	
23	3099H	Spring Washer	67	4010P	Pipe Cap	
24	626A394	Fastening Lock Handle Assembly	A	3034P	Hex Bolt 7/16-14x1	
25	7810H	Griplock Nut 3/8-24	B	3034P	Hex Bolt 7/16-14x1	
26	4379H	Handle Grip	C	3034P	Hex Bolt 7/16-14x1	
27	1537P	Washer 17/32x13/16x11 Go.	D	3129P	Hex Bolt 5/16-18x7/8	
28	2201R	Bushing	E	119P	Carriage Bolt 1/2x5/8	
29	6417H	Turnbuckle	F	3164P	Under-Cut Flat Hd. Me Screw 3/8-18x3/8	
30	2263R	Spring Washer	H	3022P	Hex Bolt 3/8-16x7/8	
31	9766H	Choke Control Clip	K	3129P	Hex Bolt 5/16-18x7/8	
32	196407	Engine 8 H.P. (Order from your local Briggs and Stratton service dealer)	L	3129P	Hex Bolt 5/16-18x7/8	
33	104P	Hex Nut 5/16-18	M	3016P	Hex Bolt 5/16-18x2 1/2	
34	844R	Mounting Spacer	N	3016P	Hex Bolt 5/16-18x3	
35	4525P	Set Screw, Hex Socket Headless 3/8-16x3/8				
36	626A267	Belt Guide Assembly				

ROPER RT-8 GARDEN TRACTOR-  
ELECTRICAL & WIRING DIAGRAM



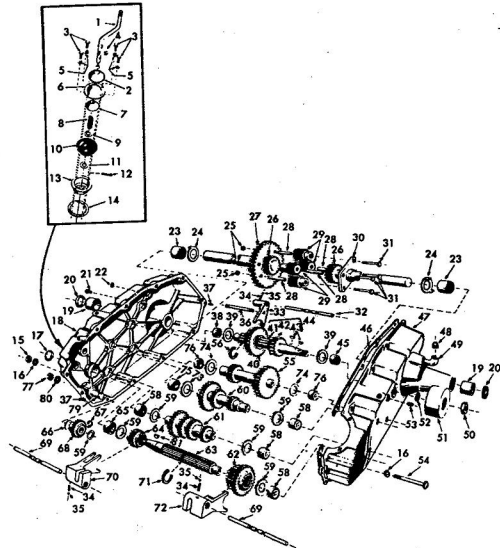
ROPER R.T.-8 H.P. GARDEN TRACTOR  
ELECTRICAL & WIRING DIAGRAM



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	2234R	Eye No. 0828
3	5748P	Wire Connector	25	6136H	Electrical Wire
4	6441H	Wing Nut	26	3827E	Lead Wire
5	3748H	Washer 5/16x3/8x16 Go.	27	5110H	Battery Clamp
6	1207H	Battery	28	2954E	Ground Wire
7	5072H	Battery	29	2234R	Battery Cable
8	6623H	Ground Strap	30	4063R	Fuse
9	503P	Hex Nut 3/8-20	31	2211R	Fuse Holder
10	5114I	Lockwasher 5/16	32	2232R	Electrical Wire
11	1007P	Hex Nut 5/16-18	33	2232R	Electrical Wire
12	504P	Lockwasher-External	34	2255R	Cable and Cover
13	1402P	Hex Bolt 5/16-18x3/8	35	626A244	Insulated Safety Switch
14	2159P	*Phillips Pan Hd. Three-Flange Phillips Pan Hd. Thread-Cutting Screw No. 10x16 Hi-Lo Thread 1/2 Blunt Point	36	2255R	Neutral Safety Switch (Use on Model Number TR2251R1 Only) or 3248R Neutral Safety Switch (Use on Model Number TR2251R1 Only)
15	5554P	Phillips Pan Hd. Three-Flange Phillips Pan Hd. Thread-Cutting Screw No. 10x16 Hi-Lo Thread 1/2 Blunt Point	37	2239R	Neutral Safety Switch (Use on Model Number TR2251R1 Only)
16	8268H	Lockwasher 10	38	2239R	Neutral Safety Switch (Use on Model Number TR2251R1 Only)
17	8794H1	Lockwasher No. 10	39	101P	Solenoid
18	1096P	Head Light	40	2211R	Electrical Wire
19	9197H	Head Light	41	3848R	Lens - Tail Light
20	7548H	Head Light	42	3848R	Mounting Tail Light
21	2210R	Starter Switch (Inc. Key Listed Below)	43	3847R	Bulb - Tail Light
22	7552H	Electrical Wire	44	3073P	Stripped Truss 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



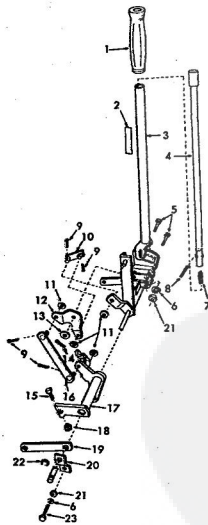
ROPER RT-8 GARDEN TRACTOR-  
TRANSAXLE



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 15/32 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 I
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 Typ
19	992R1	Sintered Iron Bearing	58	4895H	Thrust Bearing Race
20	7882H	DI Seal	59	1370H	2nd Reduction Shaft and Gears
21	3825H	Pressure Relief Valve	60	633A31	Speed Change Gears and Shaft
22	8269H	Oil Seal	61	633A30	Intermediate and High Speed Pinions
23	8745H1	Sintered Iron Bearing	62	633A11	Input Shaft
24	4256H	Chain Link Gripsco Nut 3/8-24	63	6218H	Needle Bearing
25	7810H	Roller	64	6221H	Reverse Idler Thrust Washer
26	633A43	Axle Shaft and Gear-Case	65	4894H	Reverse Idler Thrust Washer
27	8662H	Final Drive Gear	66	7392H	E-Ring
28	6329H1	Bushing-Differential Pinion	67	5001P	Reverse Idler Gear
29	8657H	Differential Pinion	68	1152H	Shift Fork-L.H.
30	6263H1	Differential Carrier	69	6216H	Shift Fork-R.H.
31	3056P	Hex Bolt 3/8-24 x 3 1/2	70	6362H	Shift Fork-Crescent Typ
32	6217H	1" Thread Range Shift Fork Shaft	71	4726H	Snap Ring-Crescent Typ
33	6264H	Shift Fork, High-Low Range	72	4219H	Thrust Bearing Race
34	6272H	Shift Fork Detent	73	7393H	Thrust Bearing Race
35	7392H	Steel Ball	74	7394H	Needle Bearing
			75	8117H	Needle Bearing
			76	541P	Hex Jam Nut 7/16-20
			77	7384H	Reverse Idler Shaft
			78	1167R	Sealing Washer
			80	9858H1	Woodruff Key

ROPER RT-8 GARDEN TRACTOR-  
MOWER LIFT LEVER

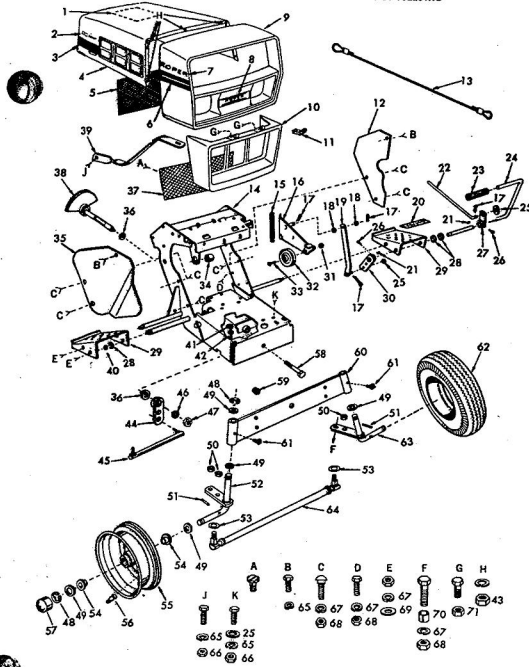


ROPER RT-8 GARDEN TRACTOR  
MOWER LIFT LEVER

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 13/32 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 Truarc 5133-75
23	3091P	Hex Bolt 3/8-16 x 1 H.T.



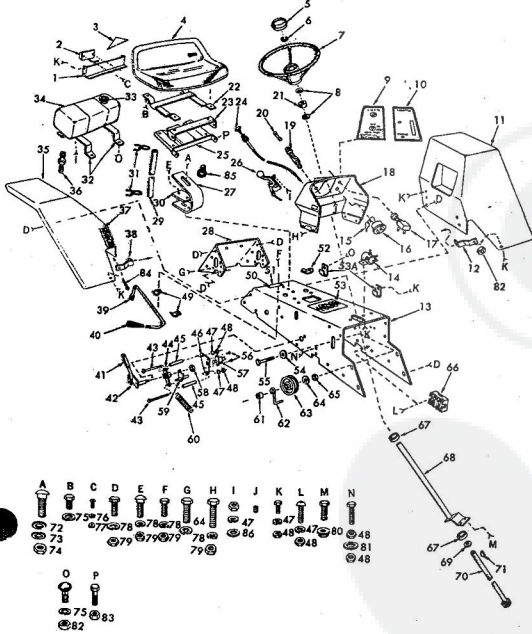
repair parts ROPER RT-10 GARDEN TRACTOR—MODEL NO. T02251R0



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 Asser
4	626A391	Hood Assembly	45	3137H	Steering Link
5	3631R	Grill Screen-Upper	46	1544P	Washer 15/32x15/16
6	7001R	Hood and Grill Strip	47	7762H	Lock Nut 7/16-14 L
7	6956R	Grill Decal	48	5000P	E-Ring
8	6955R	Lower 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 15/32x13/16x11 Go.	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	1526H	Foot Pedal Sleeve	64	816R	The Rod-Adjustable
24	1795R	Foot Pedal Shaft	65	1007P	Lockwasher 5/16
25	1513P	Washer 15/32x13/16x16 Go.	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	3204R	Bushing
29	8172H	Hex Jam Locknut 3/8-24	70	1403H	Lock Nut 1/2-20 UNC
30	626A37A	Steering Arm Assembly	A	5554P	Phillips Pan Hd. Tin Cutting Screw No. 10, 1/4x3/8 Blue Point
31	548P	Idler Stud	B	3010P	Hex Bolt 5/16-18x3/8
32	1342R	Idler Pulley	C	8P	Carriage Bolt 3/8x3/8
33	8094H	Bearing	D	3022P	Hex Bolt 3/8-16
34	8072H	Ball Guard	E	501P	Hex Bolt 3/8-16x1 1/4
35	9000H	Thrust Washer	F	3028P	Hex Bolt 3/8-16x1 1/2
36	3374H	Grill Screen-Base	G	3207P	Hex Bolt 3/8-20 UNCx1 1/2
37	626A253	Intermediate Shaft Assembly	H	1002P	Lockwasher 1/2
38	4429R	Grill Brace	I	3010P	Hex Bolt 5/16-18x3/8
39	1549P	Washer 41/64x1 1/2 Go.	J	3012P	Hex Bolt 5/16-18x1/2
40	1506P	Washer 9/32x5/8x16 Go.	K	6813R	Owners Manual
41	1506P	Washer 9/32x5/8x16 Go.			

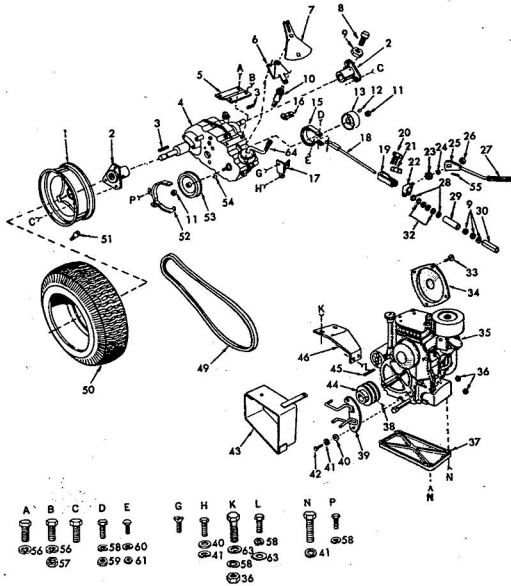
ROPER RT-10 GARDEN TRACTOR—MODEL NO. T02251R0



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	Implement Safety Switch
5	6951R	Steering Wheel Cap	58	7810H	Gripes Centerlock 3/8
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	3818R	Dash Panel L.H.	62	6479H1	Belt Guide Finger
10	3818R	Dash Panel R.H.	63	6655H	Flat Idler
11	626A297	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	5436R	Rectifier
14	1038R	Solenoid	67	4437H	Steering Bushing
15	7520R1	Key-Set	68	626A109	Steering Column Assembly
16	4406R	Ignition and Starter Switch	69	1552P	Washer 49/64x1 1/4x16 Go.
17	3738H	Light Switch	70	626A29	Steering Shaft Assembly
18	2211R	Dashboard Inss Panels	71	9858M1	Woodruff Key
19	2212R	Fuse Holder	72	1566P	Washer 17/32x15x11 Go.
20	2211R	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	Clake Control	77	505P	Hex Nut No. 10x24
25	634A533	Seat Plate	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	2731R	Fuel Line Clip	84	2511P	Cotter Pin 3/16x1
32	6407R	Bracket Fuel Tank	85	5424R	Recessed Bumper
33	6365R	Fuel Gauge	86	1506P	Washer 9/32x5/8x16 Go.
34	6277R	Fuel Tank	A	25P	Carriage Bolt 3/8x1 1/4
35	4764H	Fender and Insert R.H.	B	3009P	Hex Bolt 5/16-18x5/8
36	4764H	Fender and Insert R.H.	C	3073R	Staird Tena 3/4 Mech. Screw No. 10x2 1/4
37	3919R	Fuel Line Fitting	D	3023P	Hex Bolt 3/8-16x1
38	4165R	Hi-Lip Decal	E	8P	Hex Bolt 3/8-16x1 1/4
39	6477H	Fender Bracket R.H.	F	3022P	Hex Bolt 3/8-16x1 1/4
40	4482R	Shift Range Rod	G	3035P	Hex Bolt 3/8-16x1 1/4
41	4279H	Control Knob	H	3027P	Hex Bolt 3/8-16
42	626A347	Handle Grip	I	503P	Hex Socket Hdless Set Screw
43	3254P	Hex Bolt 1/2-20x39	K	3114P	5/16-18x5/16 Nylock
44	626A345	Clutch Hub Weldment	L	3153P	Hex Bolt 1/2-20x1 1/4 H.T.
45	2218R	Spacer	M	3023P	Hex Bolt 3/8-16x1 H.T.
46	2218R	Switch Plate	N	16P	Carriage Bolt 5/16-18x1/2
47	1002P	Lockwasher 1/2	O	3023P	Hex Bolt 3/8-16x7/8
48	503P	Hex Nut 1/20	P	3022P	Hex Bolt 3/8-16x7/8
49	6442H1	Shift Rod Bracket			
50	9521H	Drive Rivet			
51	2521R	Model Number Plate			
52	2521R	Insulated Clip			
53	6945R	Shift Pattern Plate			
53A	2751R	Clip-Fuel Line			

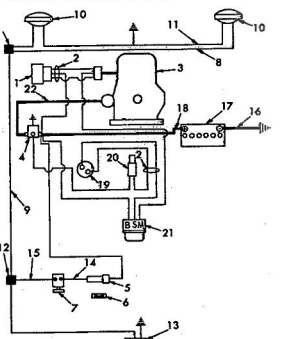
ROPER RT-10 GARDEN TRACTOR--MODEL NO. T02251RO



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-5/16x1 1/4	45	9256E	Sq. Key 1/2
9	501P	Hex Nut 3/8-16	46	1796R	Engine Tie Bracket
10	2259S	Neutral Safety Switch	49	8853H	V-Belt (Engine to Transaxle-Transmission)
11	9204H	Locknut 1/2-20	50	3795R	Rear Tire-Tubeless
12	2259H	Woodruff Key	51	795R	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	9256E	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 1/2-28x5/8	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 3/8
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 1/2x22x11/16x16 Ga.	A	3034P	Hex Bolt 7/16-14x1
26	4379H	Handle Grip	B	3034P	Hex Bolt 7/16-14x1
27	1557P	Washer 13/32x13/16x11 Ga.	C	1304H	Hub Bolt
28	2221R	Lock Bracket Assembly	D	2159P	Hex Bolt 5/16-18x7/8
29	5979H	Park Brake Spacer	E	11P	Carriage Bolt 1/2-20x5/8
30	6471H	Turbocharger	G	3164P	Under-Cut Flat Hd. Mech. Screw 3/8x1x3
31	2253R	Spring Washer	H	3022P	Hex Bolt 3/8-16x7/8
32	6040P	Slotted Fil. Hd. Mech. Screw with Seal Lockwasher 1/2-28x3/8	K	3010P	Hex Bolt 5/16-18x3
33	704R	Screen Guard	L	3010P	Hex Bolt 5/16-18x3
34	HH100	Engine 10 H.P. (Order from your local Tecumseh service dealer)	N	3010P	Hex Bolt 3/8-16x1 1/2
35	115207E	Hex Nut 5/16-18	P	3010P	Hex Bolt 5/16-18x3
36	504P	Hex Nut 5/16-18			
37	668R	Engine Mounting Block			

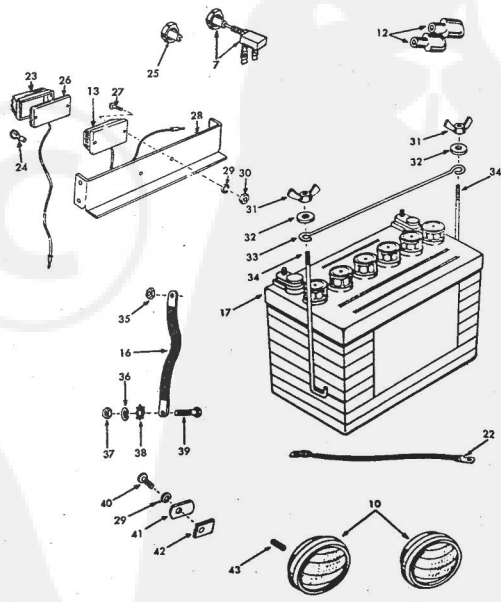
ROPER RT-10 GARDEN TRACTOR--MODEL NO. T02251RO



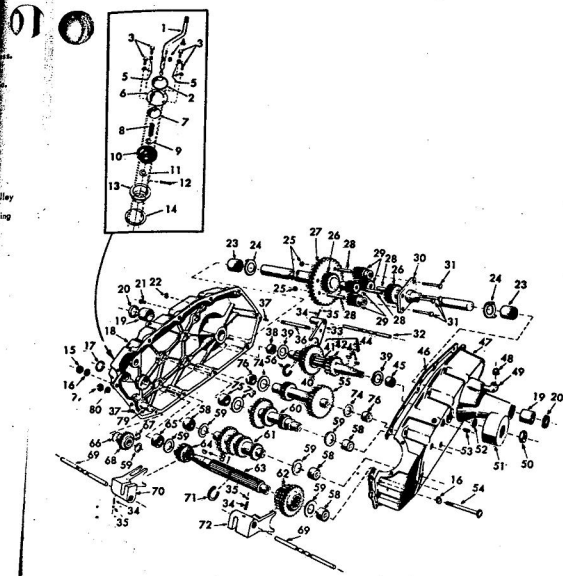
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	5436R	Rectifier	26	3869R	Housing, Tail Light
2	6812R	Electrical Wire (Harness)	27	3073P	Slotted T-nut Hd. Mech. Screw No. 10-24x5
3	HH100	Engine, 10 H.P. (Order from your local Tecumseh dealer)	28	3625R	Tail Light Bracket
4	115207E	Shield	29	1006P	Lockwasher No. 10
5	103R	Fuse Holder	30	505P	Hex Hd. 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 w/ Blunt Point
16	2114H	Ground Strap	41	8748H	Mounting Clip
17	9854H	Battery	42	8748H1	Rubber Spacer
18	626A344	Cable and Cover	43	9197H	Hose
19	2256R	Implement Safety Switch			
20	2259R	Neutral Safety Switch			
21	4405R	Starter Switch & Ignition			
22	2235R	Battery Cable			
23	3866R	Lens, Tail Light			
24	3867R	Bulb, Tail Light			
25	9257H	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



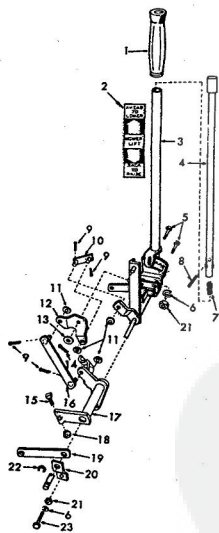
ROPER RT-10 GARDEN TRACTOR--MODEL NO. T02251R0



ROPER RT-10 GARDEN TRACTOR--MODEL NO. T02251R0

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
---	633A45	Transmission Assembly w/Brake Drum	36	6215H	High-Low Range 1 Shaft
1	6725H1	Gear Shift Lever-Bent	37	6227H	Cone Pin
2	4867H1	Gear Shift Cap	38	8118M	Needle Bearing
3	3137P	Hex Bolt 5/16-18x7/8	39	6266H	Thrust Bearing R
4	7833M	Woodruff Key 1/2x1/2	40	633A14	High-Low Range 1 and Hub
5	1003P	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	6273H	Shift Mechanism Seal	46	6275H	Gasket-Geacase
11	1369P	Washer 9/16x15/16x11 Gs.	47	633A41	Gear Case and Be
12	2305P	Cutter 1/8x3/4	48	4002P	Pipe Plug 1/2-14 N.
13	633A19	Gear Shift Gate and Reinforcement	49	4003P	90° Street Elbow 1
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	3097P	Hex Bolt 5/16-18x Grade 5 H.T.
19	9036R	Shift Bearings R.H.	55	633A33	4th Reduction Shaft Snap Ring-Crescon
20	7862R	Sintered Iron Bearing	56	4895H	Needle Bearing
21	8552H	Oil Seal	57	1570H	Thrust Bearing R
22	6369H	Pressure Relief Valve	60	633A31	2nd Reduction Sha
23	9040R	Sintered Iron Bearing	61	633A30	Speed Change Gear Intermediate and H
24	6256H	Axle Thrust Washer	62	632A11	Pinions
25	7810H	Centerlock Gripco Nut 2/8-24	63	6210H	Input Shaft
26	633A43	Axle Shaft and Gear-Custom	64	6231H	Low Speed Pinion
27	8662H	Fine Drive Gear	65	4894H	Needle Bearing
28	6232H1	Bushing-Differential Pinion	66	7292H	Reverse Idler Thru E-Ring
29	8637H	Differential Pinion	68	1153R	Reverse Idler Gear
30	6363H1	Differential Carrier	69	6214H	Shift Fork Shaft
31	3056P	Hex Bolt 3/8-24x3/4 Thread Length	70	6262H	Shift Fork-R.H.
32	6219H	High-Low Range Shift Fork Shaft	71	4924H	Snap Ring-Crescon
33	6269H	Shift Fork, High-Low Range	72	4219H	Shift Fork-L.H.
34	6272H	SpringShaft Fork Detent	73	7395H	Thrust Bearing R
35	7392M	Steel Ball	74	7396H	Thrust Bearing R
			75	6209H	Needle Bearing
			76	8117M	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. T02251R0



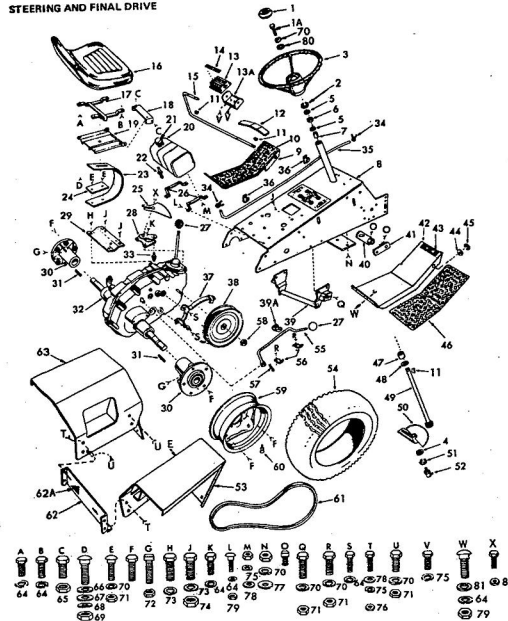
ROPER RT-10 GARDEN TRACTOR--MODEL NO. T02251R0

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	Cutter 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	Cutter Pin 3/16x1
15	4524P	Sq. Hd. Set Screw C.P. 3/8-16 x 1 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 Thru 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**



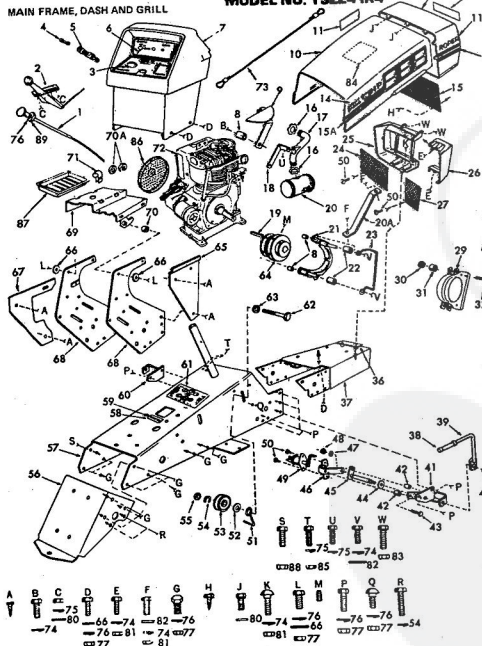
**ROPER RT-13 GARDEN TRACTOR**  
**MODEL NO. T32241R4**

**STEERING AND FINAL DRIVE**

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	6961R	Steering Wheel Cap	51	5000P	E-Ring
1A	5023P	Hex Bolt 3/8-16x1	52	6842A	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	647H	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	9838H1	Woodruff Key 3/16 x 5/8	62	3625R	Bracket-Tail Light
12	9028H	Spring	63	3235R	Safety Std. Str.
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	66	539E1	Locknut 3/8-16
15	8761H	Foot Pedal Shaft	67	1578P	Washer 5/16 x 1 1/8 Co.
16	4988R	Seat	68	1600P	Washer 17/32 x 1/8 x 11 Co.
17	634A532	Seat Bracket Weldment	69	1000P	Lockwasher 5/8
18	2623R	Seat Pivot Bracket	70	1004P	Hex Nut 3/8-16
19	634A533	Seat Flange Weldment	71	501P	Hex Jam Nut 3/8-16
20	2693R	Fuel Tank	72	588P	Lockwasher 7/16
21	7292R	Fuel Tank Cap and Gouge	73	500P	Hex Nut 7/16-14
22	815R	Fuel Line Fitting	74	1002P	Lockwasher 1/2
23	5404R	Seat Spring	75	502P	Hex Nut 1/20
24	8141H	Seat Spring Reinforcement	76	1515P	Washer 13/32 x 13/16 x 16 Co.
25	2620R	Bracket-Fuel Tank	77	1506P	Washer 9/32 x 5/8 x 16 Co.
26	634A731	Neutral Safety Support Ass'y	78	504P	Hex Nut 5/16-18
27	634A731	Transmission Bracket	79	1537P	Washer 7/16 x 1 1/8 Co.
28	6499H	Wheel Hub-Rear	80	1537P	Washer 11/32 x 1 1/8 x 16 f
29	8778H	Sp. Key 1/2 x 3	81	500P	Hex Bolt 5/16-18 x 1 1/2
30	8327H	Transmission (Trans axle)	82	357P	Hex Bolt 5/16-18 x 1 1/2
31	634A538	Less Brake Drum	83	3010P	Hex Bolt 5/16-18 x 1 1/2
32	3249R	Neutral Safety Switch	84	3022P	Hex Bolt 3/8-16 x 1 1/2
33	7365R	Fuel Line Clamp	85	28P	Carriage Bolt 3/8-16 x 1 1/2
34	8943R	Fuel Line	86	25P	Carriage Bolt 3/8-16 UNC
35	6794R	Clip-Fuel Line	87	N.T. Gr. S	N.T. Gr. S
36	634A72A	Belt Guide	88	1304H	Hub Bolt
37	6401H2	Transmission (Trans axle)	89	3034P	Hex Bolt 7/16-14 x 1
38	6401H2	Pulley	90	3034P	Hex Bolt 7/16-14 x 1
39	634A362	Hanger-Rear	91	3010P	Hex Bolt 5/16-18 x 1 1/2
40	634A362	Insulated Clip	92	3010P	Carriage Bolt 5/16-18 x 1 1/2
41	634A362	Break Arm Ass'y	93	501P	Hex Nut 3/20
42	634A370	Foot Rest w/Bolts R.H.	94	501P	Hex Nut 3/20
43	2267R	Decal (Attach. Clutch)	95	4501P	Hex Nut 3/8-16
44	1371P	Washer 3/16 x 7/8 x 16 Co.	96	4501P	Hex Nut 3/8-16
45	5001P	E-Ring	97	3022P	Hex Bolt 3/8-16 x 1 1/2
46	4642R	Foot Rest Pad R.H.	98	3010P	Hex Bolt 5/16-18 x 1 1/2
47	4766H	Bearing 57/64 x 1 1/8 Co.	99	3003P	Hex Bolt 1/20 x 1 1/2
48	1533P	Washer 5/16 x 1 1/8 Co.	100	3021P	Hex Bolt 3/8-16 x 1 1/2
49	634A626	Steering Shaft & Pinion	101	50P	Hex Bolt 1/20 x 1 1/2
50	634A813	Steering Gear Sector & Arm	102	50P	Carriage Bolt 5/16-18 x 1 1/2
			103	3011P	Hex Bolt 5/16-18 x 1 1/2

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

**MAIN FRAME, DASH AND GRILL**

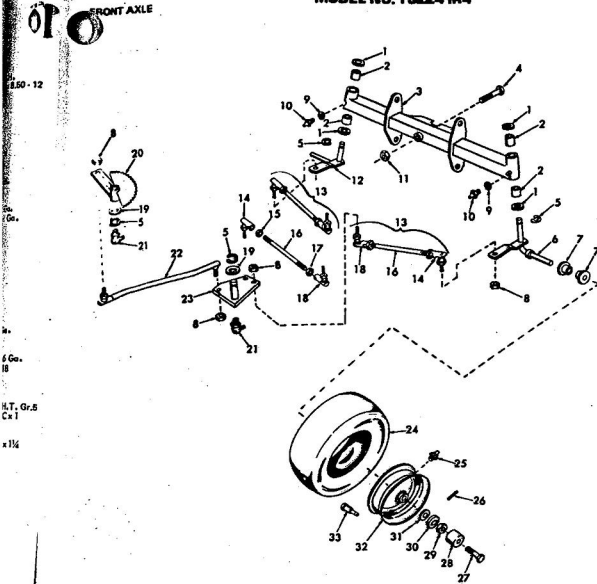


**ROPER RT-13 GARDEN TRACTOR**  
**MODEL NO. T32241R4**

**MAIN FRAME, DASH AND GRILL**

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	9764H	Choke Control	58	6291H	Model Number Plate
2	4623R	Throttle Remote Control	60	634A355	Hanger Weldment-L.H.
3	6252R	Decal-Dash Lower	61	6905R	Shift Pattern Plate
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 1/8 x 16 f
6	6251R	Decal-Dash Upper	64	634A404	Engine Pulley w/ Ser. Sc. (Inc. Key Letter M)
7	4402P	Dashboard	65	1360R	Bushing
8	2500R	Bushing	66	1511P	Washer 13/32 x 12/16 x 1
9	634A408	Heat Shield Weldment	67	1603R	Cover-L.H.
10	634A397	Head Weldment	68	5653R	Hex Bolt 5/16-18 x 1 1/2
11	6926R	Decal-Grill	69	634A581	Tank and Battery Support Bracket
12	7011R	Head & Grill Strip Short	70	634A575	Battery Support Weldment
13	6955R	Scotchies-Roper	71	2489R	W/Bearings
14	3623R	Grill-Upper	72	9776H	Bearing
15	8602R	Decal-Speed 13 H.P.	73	3929H	Lock Nut
16	5631R	Grill Screen-Upper	74	3024P	Choke Control Clip
17	7000R	Head & Grill Strip-Med.	75	3024P	Engine, 13 H.P. Strip and Stratton - Type 014501
18	9540H	Lock Nut	76	1004P	Grill Cable
19	648R	Exhaust Pipe	77	1003P	Lockwasher 5/16
20	4095R	Muffler Support	78	1004P	Lockwasher 5/8
21	9396E	Se. Key 1/2 x 2	79	501P	Hex Nut 3/8-16
22	3870R	Grill Breech	80	1506P	Washer 9/32 x 5/8 x 16 Co.
23	4443R	Belt Guide Assembly	81	924P	Hex Nut 5/16-18 UNC
24	8704H1	Spacer	82	1537P	Washer 11/32 x 1 1/8 x 16 f
25	640R	Belt Retainer	83	1609H	Lock Nut 1/20 UNC
26	2674R	Grill Screen-L.H.	84	4821R	Maintenance Decal
27	2677R	Grill-Lower	85	502P	Hex Nut 1/20 UNC
28	2678R	Grill-Side	86	5263R	Stationary Screens
29	2673R	Grill Screen-R.H.	87	2668R	Battery Tray
30	4929W	Retainer Spring	88	5394H	Locknut
31	634A469	Belt Guard Weldment	89	515P	Hex Nut 3/8-24 UNF
32	347H	Huglock Nut	90	5351P	Hex Washer Hd. Thd. C Screw 1/20 UNC x 1/2
33	8283H	Slotting Filler Hd. Machine	91	501P	Hex Bolt 5/16-18 x 1 1/2
34	3154P	Screw 1/20 x 24	92	501P	Hex Nut 1/20
35	634A409	Grill Spacer	93	501P	Hex Bolt 3/8-16 x 1 1/2
36	634A389	Engine Mount Assembly	94	3022P	Hex Bolt 3/8-16 x 1 1/2
37	4379H	Handle Grip	95	3010P	Hex Bolt 5/16-18 x 1 1/2
38	634A493	Blade Clutch Lever	96	3011P	Hex Bolt 5/16-18 x 1 1/2
39	4379H	Assembly	97	3023P	Hex Bolt 3/8-16 x 1
40	7810H	Grille Centerlock Nut	98	H	Pon Hd. Phillips Thd. Cutting Screw No. 10-2
41	634A404	Hanger Weldment-R.H., Front	99	J	Hex Ind. Self Tap Screw
42	1682E	Bushing	100	K	Tooth Lockwasher 5/20
43	3013P	Hex Bolt 5/16-18 UNC 1 1/2	101	L	Carriage Bolt 5/16-18
44	5999H	Spring Washer	102	M	Hex Bolt 3/8-16 x 1
45	634A491	Belt Tightener Arm and Idler Shear	103	N	Hex Socket Headless S Screw C.P. 5/16-18 x 5
46	634A492	Switch Bracket Assembly	104	O	Hex Bolt 3/8-16 x 1 1/4
47	1802P	5/16 Lockwasher	105	R	Carriage Bolt 5/16-18 U
48	504P	5/16-18 UNC Hex Nut	106	S	N.T. Gr. S
49	2248R	Pin Head Phillips Thread Cut-ting Screw No. 10-24 UNC x 3/8	107	T	Hex Bolt 7/16-14 x 1 1/2
50	5001P	Type T	108	U	Hex Bolt 3/8-16 UNC x 5
51	6499H1	Belt Guide Finger	109	V	Hex Bolt 1/20 UNC x 5
52	1303P	Washer #409 1/2 x 1-1/8 x 11 Co.	110	W	Hex Bolt 5/16-18 UNC
53	6653H	Flat Idler	111	X	Hex Bolt 1/20 x 1 1/2 UNC
54	1001P	Lockwasher 7/16			Hex Bolt 1/20 x 1 1/2 UNC
55	500P	Hex Nut 7/16-14			N.T. Gr. S
56	634A101	Drawbar W/Weldment			Owners Manual
57	634A326	Chassis Assembly W/Bearings			

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



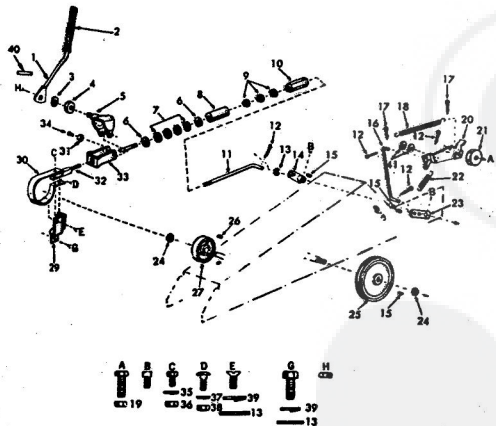
**ROPER RT-13 GARDEN TRACTOR  
MODEL NO. T32241R4**

**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 end 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 49/64 x 1 1/4 x 18 Ga. Steering Gear Sector and Arm
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**



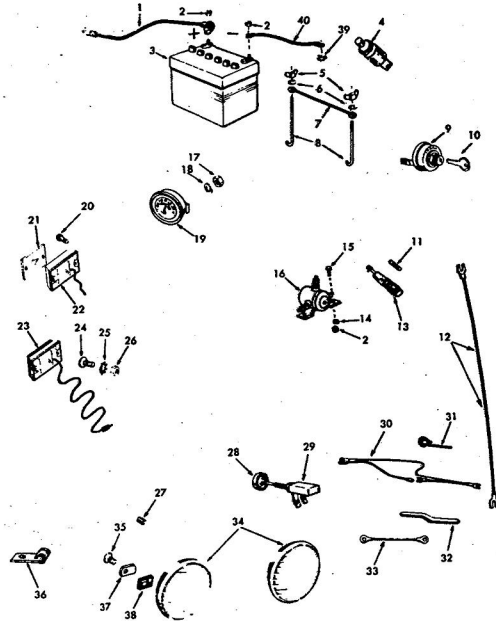
**ROPER RT-13 GARDEN TRACTOR  
MODEL NO. T32241R4**

**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	1552P	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 16 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 P.H.
17	2514P	Cotter Pin 1/2 x 1	B	4501P	Co. Hd. Set Screw C.P. J
18	6486H	Spring	C	3130P	Hex Bolt 5/16-18 x 7/8
19	548P	Hex Jam Lock Nut 3/8-24 UNF	D	11P	St. Neck Carriage Bolt 1/2
20	634A838	Idler Bracket Assembly	E	3164P	Flat Hd. Machine Screw 1/2 x 1/4 x 3/8
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	Tensmate (Transmission) Pulley			

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

ELECTRICAL



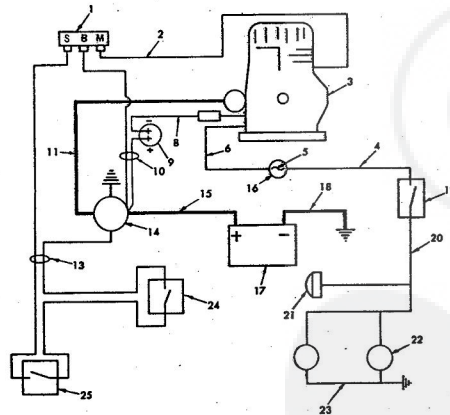
**ROPER RT-13 GARDEN TRACTOR  
MODEL NO. T32241R4**

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 1/4 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	Washer (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**

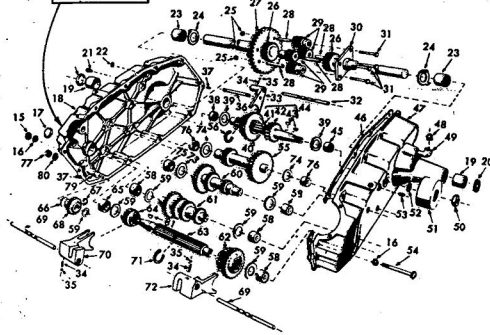
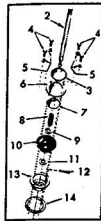
WIRING DIAGRAM

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. T32241R4**

TRANSAXLE



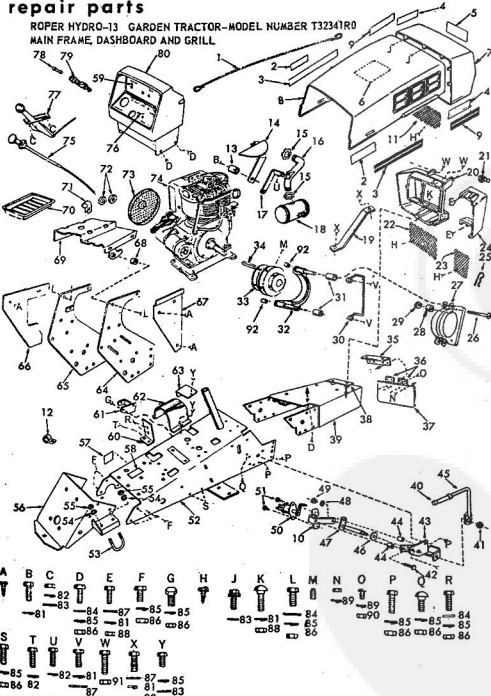
**ROPER RT-13 GARDEN TRACTOR  
MODEL NO. T32241R4**

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	Shift Mechanism Seal	47	633A27	Pin Plug 1/2-14
11	1525P	Washer 9/16 x 15/16 x 11 Ga.	49	4003P	90 Street Elbow 1
12	2505P	Center 1/8 x 3/4	50	7486H1	Lock Nut
13	633A19	Gear Shift Gate and Reinforce- ment	51	6271H	Brake Drum
14	6274H	Socket-Shaft Ball Cover	52	6271H	Oil Seal
15	304P	Hex Nut 5/16-18	53	3087P	Pipe Plug 1/4-18 N
16	1007P	Lockwasher 5/16 Extra Heavy	54	3087P	Hex Bolt 5/16-18
17	6270H	Oil Seal	55	633A33	Grade 5 H.T.
18	633A28A	Gear Case, Reverse Idler Shaft and Bearings R.H.	56	6276H	4th Reduction Sho
19	8038R	Pressure on Bearing	59	1370H	Thrust Bearing R
20	7382R	Oil Seal	60	633A31	2nd Reduction Sho
21	8559H	Pressure Relief Valve	61	633A30	Speed Change Ge
22	6269H	Oil Seal	62	633A11	Intermediate and H Pinions
23	3037R	Sintered Iron Bearing	63	6218H	Input Shaft
24	6256H	Centerlock Gripco Nut 3/8-24	64	6231H	Low Speed Pinion
25	7810H	Centerlock Gripco Nut 3/8-24	65	4894H	Needle Bearing
26	633A34	Shaft and Gear	66	7392H	Reverse Idler Thr
27	8660H1	Final Drive Gear	67	7377P	Pin
28	6252H1	Ball-Strip-Differential Pinion	68	1133R	Reverse Idler Geo
29	8657H	Differential Pinion	69	6216H	Needle Bearing
30	6263H1	Differential Carrier	70	6262H	Shift Fork-R.H.
31	2056P	Hex Bolt 3/8-24 x 3/4	71	4928H	Shift Fork-L.H.
32	6217H	High-Low Range Shift Fork Shaft	72	4219R	Snap Ring-Crescent
33	6260H	Shift Fork, High-Low Range	73	7394H	Thrust Bearing R
34	6277H	Spring-Shift Fork Detent	75	7398H	Needle Bearing
35	7393M	Steel Ball	76	8117M	Needle Bearing
36	6215H	High-Low Range Shift Shaft	77	541P	Hex Jam Nut 7/16- 14
37	6277H	Dowel Pin	78	7384H	Reverse Idler Shaft sealing Washer
			81	9858M1	Woodruff Key

**repair parts**

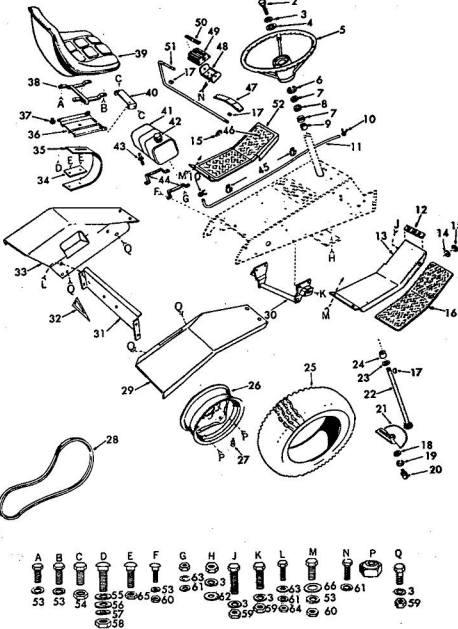
**ROPER HYDRO-13 GARDEN TRACTOR-MODEL NUMBER T32341R0  
MAIN FRAME, DASHBOARD AND GRILL**



**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 Bracket-L.H.
7	3632R	Grill-Upper	66	3657R	Cover-L.H.
8	634A597	Head Weldment	67	1360R	Cover-R.H.
9	7000R	Decal-Strip-Med.	68	2689R	Bearing
10	634A592	Switch Bracket Assembly	69	634A37S	Battery Support M with Bearing (inc 68)
11	3631R	Grill Screen-Upper	70	2685R	Battery Tray
12	2521R	Insulated Clip for Tail Light Wire	71	9776H	Cheek Control Cl
13	2520R	Spacer	72	3929H	Lock Nut
14	628A02B	Heat Shield Weldment	73	5263R	Stationary Screen
15	9540H	Locknut	74	30243P	Engine, H.P. E Station, Type No.
16	648R	Exhaust Pipe	75	9764H	Cheek Control
17	4096R	Muffler Support	76	6252S	Decal-Dash-Lowes
18	3976R	Muffler	77	4653R	Throttle Remote C
19	4443R	Grill-Brace	78	2212R	Fuse
20	2677R	Grill-Lower	79	2211R	Fuse Holder
21	4171R	Insulated Clip	80	5123R	Dashboard
22	2674R	Grill Screen-L.H.	81	1003P	Lockwasher 5/16
23	2673R	Grill Screen-R.H.	82	1002P	Lockwasher 3/8
24	2678R	Grill-Side	83	1504P	Washer 9/32 x 5/8
25	4939M	Retainer Spring	84	1513P	Washer 15/32 x 13
26	3154P	Marined Filter Hd.	85	1004P	Lockwasher 3/8
27	634A663	Belt Guide Weldment	86	501P	Hex Nut 3/8-16
28	8238H	Split Spacer	87	1527P	Washer 1/2 x 11
29	347H	Huglock Nut	89	1005P	Lockwasher No. II
30	4996R	Belt Retainer	90	504P	Hex Nut No. 10-24
31	8704H1	Spacer	91	1605H	Locknut 1/2-20 UNC
32	634A688	Belt Guide Weldment	92	6076R	Spacer
33	634A697	Engine Pulley with Set Screws (inc. Key No. II)	A	5551P	Hex Washer Hd. Th Screw 1/2-20 UNC x 1/2
34	9296E	Square Key 1/2	B	3014P	Hex Bolt 5/16-18 x Hex Nut 1/2-20
35	6433H	Front Channel Cover Support	C	302P	Hex Bolt 3/8-16 x 1 Hex Nut 3/8-16
36	6483H	Front Channel Cover and Weld Bolts	D	3027P	Hex Bolt 5/16-18 x 1 Hex Nut 5/16-18
37	634A428	Front Channel Cover and Weld Bolts	E	2010P	Hex Bolt 3/8-16 x 1 Hex Nut 3/8-16 x 1
38	634A409	Grill Spacer	F	3023P	Hex Bolt 3/8-16 x 1 Hex Nut 3/8-16 x 1
39	634A389	Engine Mount Assembly	G	3022P	Hex Bolt 3/8-16 x 1 Hex Nut 3/8-16 x 1
40	4379H	Handle Grip	H	5001P	Pin Hd., Phillips T
41	7810H	Gripco Centerlock Nut 3/8-24	J	5583P	Cutting Screw No. 5 Hex In. Self Tap S washer 1/2-20 x 5/8
42	3013P	Hex Bolt 5/16-18 UNC x 1 1/2	K	99P	Carriage Bolt 5/16- 18 x 1 1/2
43	634A494	Hanger Weldment-R.H., Front	L	3022P	Hex Bolt 3/8-16 x 1 Hex Socket Headless C.P., 5/16-18 x 5/8
44	1607E	Washer	M	4514P	Hex Nut No. 10-24
45	634A493	Attachment Clutch Lever Assembly	N	505P	Slotted Truss Hd. w Screw No. 10-24 x 3 Hex Bolt 3/8-16 x 1 1/2
46	5999H	Spring Washer	O	3137P	Carriage Bolt 3/8-16 I Grade 5
47	634A491	Belt Tightener Arm and Idler Shaft	Q	3022P	Hex Bolt 3/8-16 x 1 Hex Nut 3/8-16 x 1
48	1003P	Lockwasher 5/16	R	3021P	Hex Bolt 3/8-16 x 1 Hex Nut 3/8-16 x 1
49	504P	Hex Nut 5/16-18 UNC	S	3021P	Hex Bolt 3/8-16 x 1 Hex Nut 3/8-16 x 1
50	7269R	Safety Switch	T	3023P	Hex Bolt 3/8-16 x 1 Hex Nut 3/8-16 x 1
51	5501P	Pin Head Phillips Thread Cutting Screw No. 10-24 UNC x 3/8 Type T	U	3017P	Hex Bolt 5/16-18 x 1 Hex Nut 5/16-18 x 1
52	634A653	Chassis Assembly with Bearings	V	3017P	Hex Bolt 5/16-18 x 1 Hex Nut 5/16-18 x 1
53	9808R	U-Bolt Axle Clamp	W	3017P	Hex Bolt 5/16-18 x 1 Hex Nut 5/16-18 x 1
54	1004P	Lockwasher 3/8	X	3011P	Hex Bolt 5/16-18 x 1 Hex Nut 5/16-18 x 1
55	501P	Hex Nut 3/8-16 UNC	Y	3114P	Hex Bolt 1/2-20 x 1/2
56	634A638	Dweller Weldment			
57	6143R	Decal-by-Pass Valve			
58	5628R	Decal-Parking Brake			
59	6251R	Decal-Dash-Upper			

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

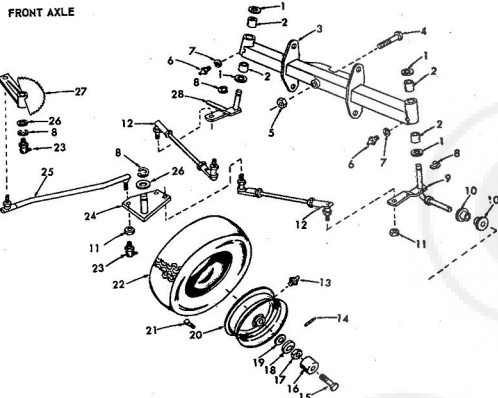


ROPER HYDRO 13 H.P. GARDEN TRACTOR—MODEL NUMBER T33241RO

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	2639R	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	634A26P	Foot Rest w/Bolts L.J.
13	634A37O	Foot Rest w/Bolts R.H.	53	1003P	Lockwasher 5/16
14	1527P	Washer 21/32 x 7/8 x 16 Co.	54	502P	Locknut 3/8-16 Grade 11
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	634A26	Steering Shaft & Pinion	62	1513P	Washer 13/21 x 13/16 x
23	1533P	Washer 37/64 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 UNF
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	634A39P	Bracket & Insert-R.H.	C	3022P	Hex Bolt 3/8-16 x 7/8
30	634A30Z	Hanger-Rear	D	321	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	634A32Z	Seat Bracket Weldment	M	16P	Carriage Bolt 5/16-18
39	4989R	Seat	N	3003P	Hex Nut 1/2-20 UNF x 1
40	2653R	Bracket Seat Pivot	P	5137R	Lug Nut
			Q	3021P	Hex Bolt 3/8-16 x 3/4
				6808R	Owners Manual

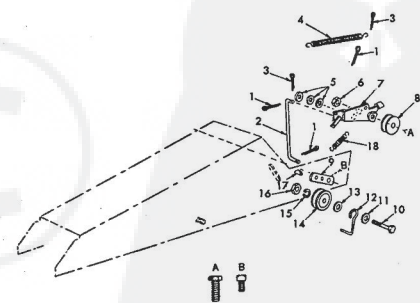
ROPER HYDRO 13 H.P. GARDEN TRACTOR—MODEL NUMBER T33241RO



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 5/8
2	1399H	Bearing	16	8763H	Dist. Cap-Outer
3	634A52I	Front Axle with Bearings (Inc. Key No. 2)	17	4631H	Elastic Nut 3/4 UNF
4	3294P	Hex Bolt 5/8-11 x 5 H.T.	18	8783H	Wear Washer
5	4764H	Huglock Nut 5/8-11 UNF	19	1500P	Washer 23/32 x 1 1/8 x 16 Co.
6	6855M	Grease Fitting	20	3638R	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	634A27B	Spindle Complete-L.H.

ROPER HYDRO-13 GARDEN TRACTOR—MODEL NUMBER T33241RO

CLUTCH

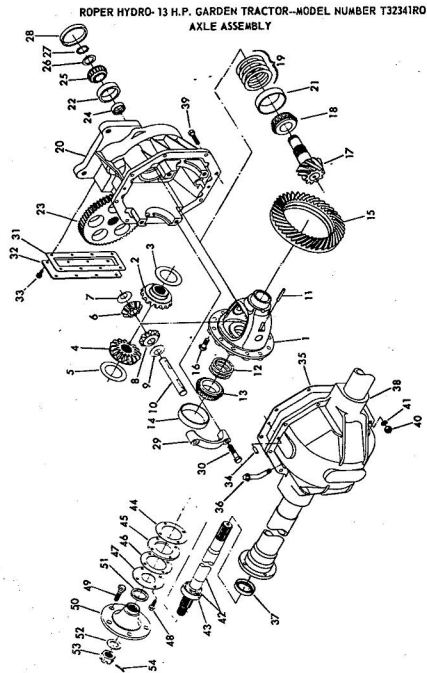


KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	2505P	Cotter Pin 1/8 x 3/4	10	3262P	Hex Bolt 7/16-14 x 2 1/2
2	6460H	Clutch Rod	11	1518P	Washer 15/32 x 11/16
3	2514P	Cotter Pin 1/2 x 1	12	1592R	Bolt Guide Finger
4	6460H	Spring	13	1520P	Washer .469 I.D. x 1-1/2
5	1540P	Washer 17/32 x 1 1/8 Co.	14	5616R	Flat Idler
6	548P	Hex Jam Lock Nut 3/8-24 UNF	15	1001P	Lockwasher 7/16
7	634A33B	Idler Bracket Weldment	16	500P	Hex Nut 7/16-14
8	634A86	Idler Bolt and Nut (Inc. Key No's. 1 and 6)	17	1968M1	Woodruff Key 3/8 x 1
9	626A31A	Steering Arm Assembly	18	4301H	Spring
			A	5022P	Hex Bolt 3/8-24 UNF
			B	4501P	Sq. Hd. Set Screw C 18 x 7/8





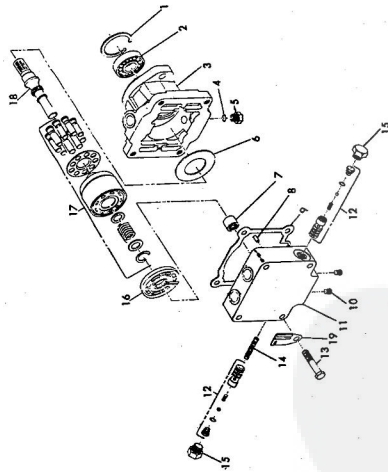




ROPER HYDRO 13 H.P. GARDEN TRACTOR--MODEL NUMBER T32341RO  
AXLE ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION
1	7179R	Weld Plug
2	7174R	Gear Cover Gasket
3 & 5	7176R	Hex Top Screw
4	7176R	Hex Top Screw
5 & 5	7176R	Hex Top Screw
6 & 8	7166R	Pinion Mate (Set of Two)
7	7166R	Pinion Mate (Set of Two)
8	7166R	Pinion Mate (Set of Two)
9	7166R	Pinion Mate (Set of Two)
10	7166R	Pinion Mate (Set of Two)
11	7166R	Pinion Mate (Set of Two)
12	7166R	Pinion Mate (Set of Two)
13	7166R	Pinion Mate (Set of Two)
14	7206R	Roller Bearing
15 & 17	7173R	Roller Bearing
16	7176R	Roller Bearing
18	7176R	Roller Bearing
19	7176R	Roller Bearing
20, 29 & 30	7173R	Roller Bearing
21	7206R	Roller Bearing
22	7206R	Roller Bearing
23	7206R	Roller Bearing
24	7206R	Roller Bearing
25	7206R	Roller Bearing
26	7206R	Roller Bearing
27	7206R	Roller Bearing
28	7206R	Roller Bearing
29	7206R	Roller Bearing
30	7206R	Roller Bearing
31	7176R	Roller Bearing
32	7176R	Roller Bearing
33	7176R	Roller Bearing
34	7176R	Roller Bearing
35	7176R	Roller Bearing
36	7176R	Roller Bearing
37	7176R	Roller Bearing
38	7176R	Roller Bearing
39	7176R	Roller Bearing
40	7176R	Roller Bearing
41	7176R	Roller Bearing
42	7206R	Roller Bearing
43	7206R	Roller Bearing
44	7206R	Roller Bearing
45	7206R	Roller Bearing
46	7206R	Roller Bearing
47	7206R	Roller Bearing
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53	7206R	Roller Bearing
54	7206R	Roller Bearing

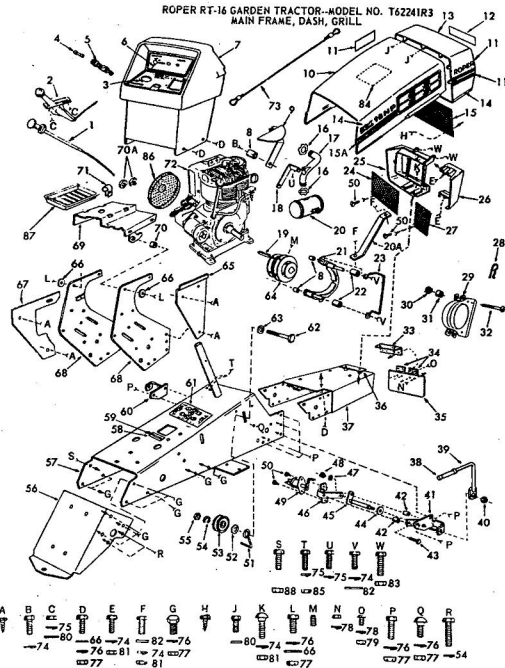
ROPER HYDRO 13 H.P. GARDEN TRACTOR--MODEL NUMBER T32341RO  
HYDROSTATIC MOTOR ASSEMBLY



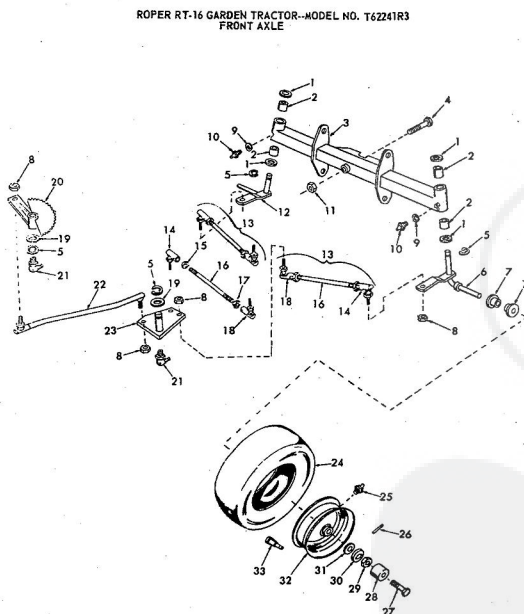
ROPER HYDRO 13 H.P. GARDEN TRACTOR--MODEL NUMBER T32341RO  
HYDROSTATIC MOTOR ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION
1	7206R	Roller Bearing
2	7206R	Roller Bearing
3	7206R	Roller Bearing
4 & 5	7206R	Roller Bearing
6	7206R	Roller Bearing
7	7206R	Roller Bearing
8	7206R	Roller Bearing
9	7206R	Roller Bearing
10	7206R	Roller Bearing
11	7206R	Roller Bearing
12	7206R	Roller Bearing
13	7206R	Roller Bearing
14	7206R	Roller Bearing
15	7206R	Roller Bearing
16	7206R	Roller Bearing
17	7206R	Roller Bearing
18	7206R	Roller Bearing
...	6344729	Complete Motor Assembly





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 F
3	6322R	Decal/Dash Lower	60	634435S	Hanger Weldment-L.H.
4	2212R	Fuse	61	6963R	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	6344404	Engine Pulley w/Set Sc (Int. Key Letter A)
8	2550R	Bushing	65	1360R	Cover-R.H.
9	634440B	Heat Shield Weldment	66	1513P	Washer 13/32 x 13/16 x 1
10	6344597	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	6344575	Battery Support Weldment
12	6959R	Scotchall-Upper	70	2689R	W/Bearings
13	3632R	Grill-Upper	71	3929H	Bearing
14	1062R	Decal-Lower	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 1/8
18	4096R	Muffler Support	76	1004P	Lockwasher 3/8
19	9396E	Sp. Key 1/2 x 2	77	501P	Lockwasher No. 10
20	4443R	Grill Brace	79	945P	Hex Nut No. 10-24
21	6344394	Belt Guide Assembly	80	1506P	Washer 9/32 x 9/16 x 1/8
22	8704H1	Spacer	81	504P	Hex Nut 5/16-18 UNC
23	648R	Belt Retainer	82	1537P	Washer 11/32 x 11/16 x 1/8
24	2674R	Grill Screen-L.H.	83	1605H	Lockwasher 1/2
25	2677R	Grill-Lower	84	4821R	Hex Nut 1/2-20 UNC
26	2678R	Grill-Side	85	502P	Maintenance Decal
27	2673R	Grill Screen-R.H.	86	5263R	Stationary Screen
28	4939M	Retainer Spring	87	2686R	Battery Tray
29	6344659	Belt Guard Weldment	88	5394H	Locknut
30	347H	Hoglock Nut	A	5351P	Hex Washer Hd. Thrd. Cu
31	8228H	Split Spacer	B	3014P	Screw 1/4-20 UNC x 1/2
32	3154P	Sloated Filter/Hd. Machine Screw 1/4-20 x 2 1/2	C	503P	Hex Nut 1/2-20
33	6423H	Front Channel Cover Support	D	3022P	Hex Bolt 3/8-16 x 1 1/2
34	6485H	Hinge	E	3010P	Hex Bolt 5/16-18 x 1
35	634428	Front Channel Cover and Weld Bolts	F	3011P	Hex Bolt 5/16-18 x 1
36	6344409	Grill Spacer	G	3023P	Hex Bolt 3/8-16 x 1
37	6344389	Engine Assembly	H	5564P	Pen Hd. Phillips Thd. Cutting Screw No. 10-24 x 1/2
38	4379H	Handle Grip	J	5583P	Hex Hd. Self Tap Screw 1 Tooth Lockwasher 10-24 x 1/2
39	6344493	Blade Clutch Lever Assembly	K	4P	Carriage Bolt 5/16-18 UN
40	7810H	Griceps Centerlock Nut	L	3023P	Hex Bolt 3/8-16 x 1
41	6344494	Hanger Weldment-R.H., Front	M	4514P	Hex Socket Headless Set Screw C.P. 5/16-18 x 5/8
42	1607E	Dusting	N	505P	Hex Nut No. 10-24
43	3013P	Hex Bolt 5/16-18 UNC x 1 1/2	O	3122P	Sloated Truss Hd. Mach. Screw No. 10-24 x 3/8
44	5999H	Spring Washer	P	3127P	Hex Bolt 3/8-16 x 1 1/2 H.T. Carriage Bolt 3/8-16 UNC
45	6344491	Belt Tightener Arm and Idler Shaft	Q	28P	1 H.T.
46	6344492	Switch Bracket Assembly	R	3035P	Hex Bolt 7/16-14 x 1 1/2
47	1003P	5/16 Lockwasher	S	3031P	Hex Bolt 3/8-16 UNC x 3/4
48	504P	Hex Bolt 5/16-18 UNC Hex Nut	T	3113P	Hex Bolt 1/2-20 UNC x 5/8
49	2246R	Safety Switch	U	3015P	Hex Bolt 1/2-20 UNC x 5/8
50	5501P	Pen Head Phillips Threaded Cutting Screw No. 10-24 UNC x 3/8	V	3015P	Hex Bolt 5/16-18 UNC x 2
51	6479H1	Front Clutch Finger	---	6897R	Owners Manual
52	1502P	Washer, #69 I.D., 1-1/8 x 11 Ga.			
53	6639H	Lockwasher 7/16			
54	1001P	Hex Nut 7/16-14			
55	500P	Drawbar Weldment			
56	6344387	Chassis Assembly W/Bearings			
57	6344526				



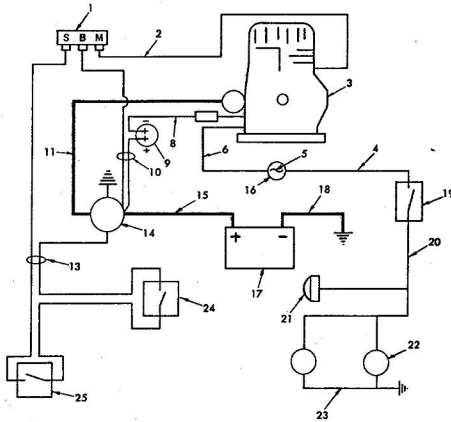
ROPER RT-16 GARDEN TRACTOR-MODEL NO. T62241R3 FRONT AXLE

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	3040H	Flanged Bearing
8	7810H	Griceps Locknut 3-24
9	1503P	Washer 9/32 x 1 1/4 x 14 Ga.
10	6563H	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	8056M	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





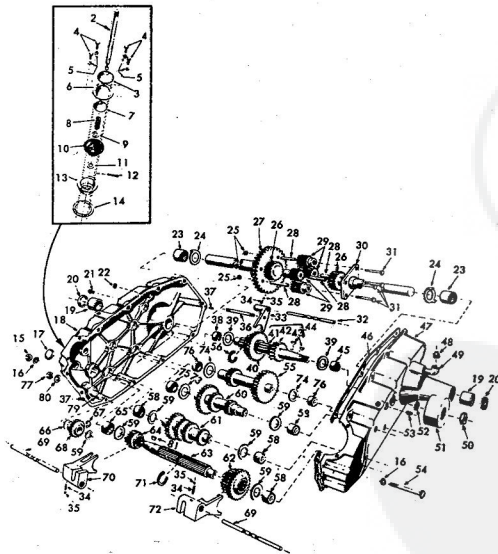
ROPER RT-16 GARDEN TRACTOR—MODEL NO. T62241R3  
ELECTRICAL WIRING DIAGRAM



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	634A-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	2994G	Ground Wire Headlight
24	2249R	Safety Switch (For Mower Interlock)
25	3249R	Neutral Safety Switch

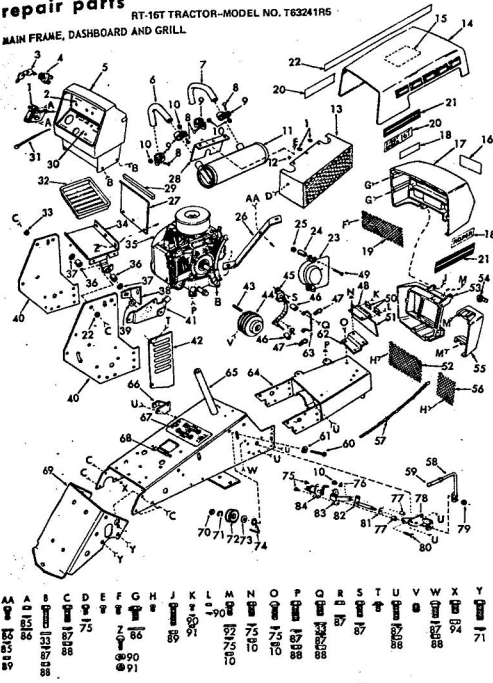
ROPER RT-16 GARDEN TRACTOR—MODEL NO. T62241R3  
TRANSAXLE



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.	6264H	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 1/8x4	49.	4003P	90° Street Elbow 1/2-14 N.1
13.	633A19	Gear Shift Case and Reinforce-ment	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.	3089P	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 Gripax Nut 3/8-24	62.	6218H	Input Shaft
26.	633A34	Axle Shaft and Gear	63.	6218H	Low Speed Pinion
27.	8642H	Final Drive Gear	64.	6231H	Reverse Idler Thrust Washer
28.	6259H1	Bushing-Differential Pinion	65.	4894H	Needle Bearing
29.	8657H	Differential Pinion	66.	7392H	E-Ring
30.	6263H1	Differential Carrier	67.	1152R	Reverse Idler Gear
31.	3056P	Hex Bolt 5/8-24x3 1/2 Thread Length	68.	6216H	Shift Fork Shaft
32.	6217H	High-Low Range Shift Fork Shaft	69.	6216H	Shift Fork-S.H.
33.	6260H	Shift Fork, High-Low Range	70.	4926H	Snap Ring-Crescent Type
34.	6272H	Spring-Shift Fork Detent	71.	4217R	Shift Fork-L.H.
35.	7392M	Steel Ball	72.	7392H	Thrust Bearing Race
36.	6215H	High-Low Range Shift Shaft	73.	7392H	Thrust Bearing Race
37.	6277H	Dowel Pin	74.	7392H	Needle Bearing
			75.	8117M	Needle Bearing
			76.	5415P	Hex Jam Nut 7/16-20
			77.	7384H	Reverse Idler Shaft
			78.	1162R	Sawing Washer
			79.	9858M1	Woodruff Key

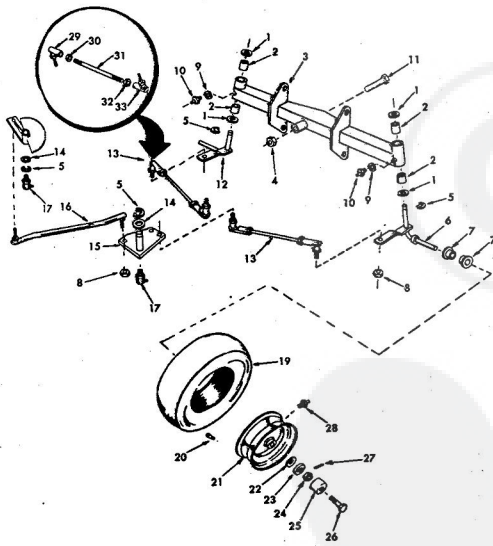
repair parts  
RT-16T TRACTOR-MODEL NO. T63241R5  
MAIN FRAME, DASHBOARD AND GRILL



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. Phillips
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	Pin Hd. Phillips
16	6955R	Decal-Grill Front (Roper)	78	1003P	Bushing
17	3532R	Grill-Upper	79	634A494	Hanger Weldment
18	6956R	Decal (Roper)	80	3013P	Spring Washer
19	3531R	Grill Screen-Upper	81	5099H	Hex Bolt 5/16-11
20	6964R	Decal - 8 Speed 16T	82	634A491	Belt Tightener A
21	7001R	Decal-Hood & Grill Strip	83	634A492	Switch Bracket
22	6957R	Decal-Hood & Grill Strip	85	1002P	Lockwasher 1/2
23	634A659	Belt Guide Weldment	86	1505H	Washer 9/32 x 5/16
24	8230H	Split Spacer	87	1004P	Lockwasher 3/8
25	347H	Hublock Nut 1/2-20	88	501P	Hex Nut 3/8-16
26	4394R	Grill Broce	89	1605H	Locknut 1/2-20
27	4815R	Battery Heat Shield	90	1006P	Lockwasher No.
28	3494R	Heat Shield-Carburetor	91	505P	Hex Wash. Screw
29	5348R	Sealing Strip	92	1537P	Washer 11/32 x 1
30	634A523	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 5/8-16
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. 2
37	1545P	Muffler Guard Bracket	G	5583P	Hex. Ind. Self To w/Sem. Ext. Tor
38	3507R	Washer 7/32 x 5/16 Ga.	H	5011P	Washer 1/2-20 x 5/16
39	1504P	Bracket-Battery Support	I	3122P	Phillips Pan Hd. Ring Screw No. 1
40	2670R	Idler Bracket Weldment	J	3122P	Phillips Pan Hd. Slotted Truss Hd
41	634A518	Cover R.H.	K	3347P	Screw No. 10-32
42	2655R	Sq. Key No. 2	L	505P	Hex Wash. Screw
43	9396E	Engine Pulley w/Set Screws	M	3010P	Hex Bolt 5/16-11
44	634A104	Belt Guide Weldment	N	3012P	Hex Bolt 5/16-11
45	634A527	Spacer	O	17P	Carriage Bolt 5/16
46	8704H1	Retainer Spring	P	3025P	Hex Bolt 3/8-16
47	4939H	Front Channel Cover Support	Q	3122P	Hex Bolt 3/8-16
48	2752R	Slotted Fillister Hd. Mech.	R	501P	Hex Nut 3/8-16
49	3154P	Hinge	S	3537P	Hex Washer Thr 3/20 x 5/16
50	6485H	Front Channel Cover & Weld	T	5527P	Hex Nut 3/8-16
51	634A28	Grill Screen-L.H.	U	3137P	Hex Bolt 3/8-16
52	2674R	Grill-Lower	V	4514P	Hex Socket Hole
53	4171R	Insulated Clip	W	28P	Carriage Bolt 3/8
54	2678R	Grill Side	X	3231P	Hex Bolt 5/8-16
55	2673R	Grill Screen-R.H.	Y	3035P	Hex Bolt 7/16-11
56	2673R	Grill Screen-R.H.	AA	3003P	Hex Bolt 1/2-20
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.			

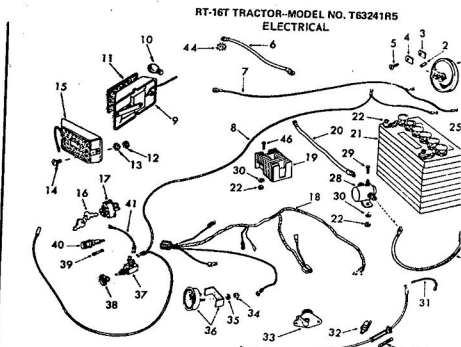
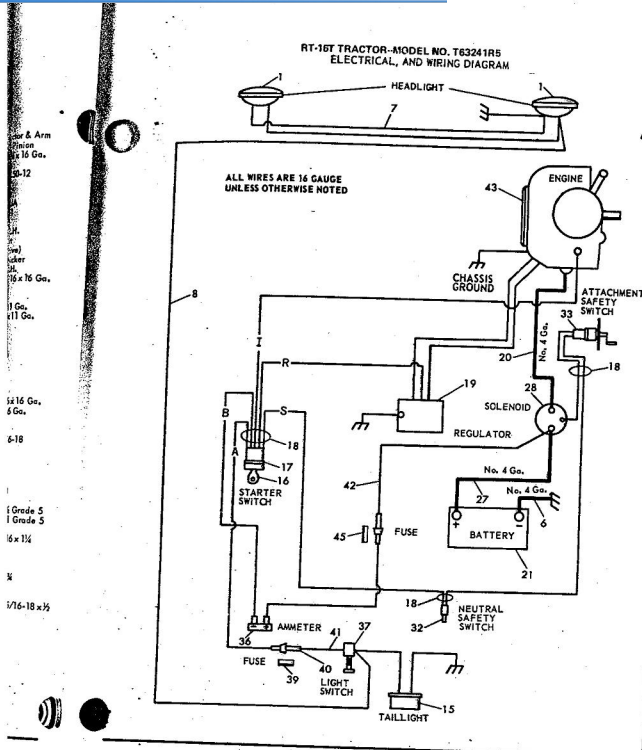
RT-16T TRACTOR-MODEL NO. T63241R5  
FRONT AXLE



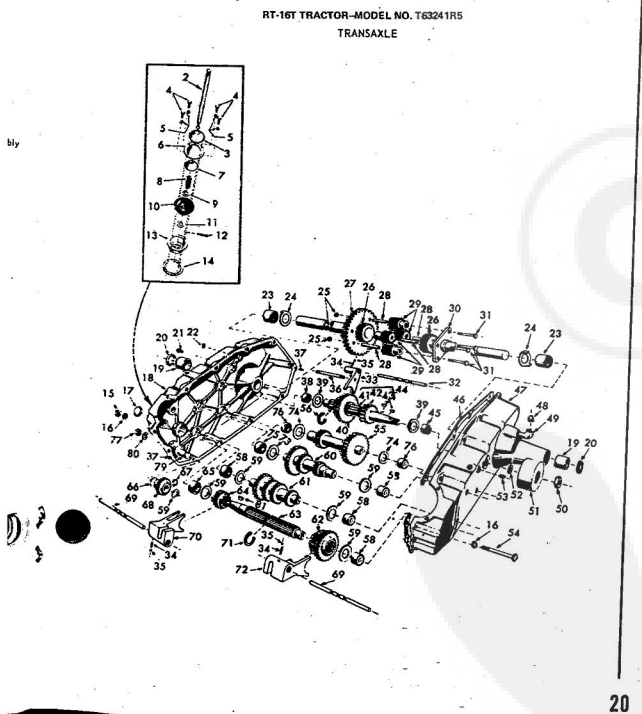
RT-16T TRACTOR-MODEL NO. T63241R5  
FRONT AXLE

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	Huglock Nut 5/8-11 UNC
5	500P	E-Ring
6	634A277	Spindle Complete-R.H.
7	9040P	Flanged Bearing
8	7810H	Grass Centerlock Nut, 3/8-24
9	1505P	Washer 9/32 x 1/2 x 14 Ga.
10	6653M	Grease Fitting
11	2276P	Hex Bolt 5/8-11 x 5 Grade 5
12	634A278	Spindle Complete-L.H.
13	5099R	Tie Rod and Joint
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	6942M	Grease Fitting
18	634A95	Steering Gear Sector and Arm
19	3938R	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	869P	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 5/16x1/4x
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 1/4
9	3869R	Housing (Tail Light)	31	2777R	Tie (Holding Elec Neutral Safety Sw Safety Switch (Att Clutch))
10	3867R	Bulb No. 1895 2 Candle Power Lens (Tail Light)	32	2549R	Lockwasher No. 11
11	3868R	Hex Mech. Screw Nut No. 10-24	33	2249R	Light Switch (Incl. Item No. 30)
12	505P	External Tooth Lockwasher No. 10	34	543P	Knob Light Switch
13	1404P	Slotted Truss Hd. Mech. Screw No. 10-24 x 1/2	35	1006P	Fuse Holder
14	3073P	Key Set	36	5212R	Electrical Wire (F. Light Switch)
15	3757R	Ignition Switch (Includes Item No. 16)	37	5735H	Electrical Wire (Re Ammeter)
16	7552H	Ignition Wire Harness	38	9267H	8F-45
17	2055R	Regulator	39	2212R	2851D
18	5992R	Battery Cable (Solenoid to Starter)	40	2211R	External Lockwash Fuse
19	2684R	Battery	41	2228R	Hex Bolt 1/2-20 x 1
20	2226R	Hex Nut 1/2-20	42	7345R	
21	9885H		43	8F-45	
22	503P		44	1402P	
			45	6347R	
			46	3004P	

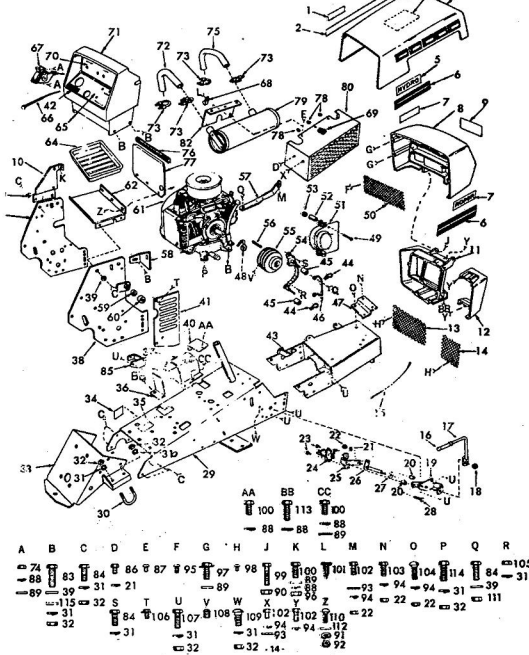


RT-16T TRACTOR-MODEL NO. T63241R5  
TRANSAXLE

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.	633A22	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.	6254Z7	Gear Case and Bearer
11.	1550P	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.	4001P	Oil Seal
17.	6270H	Oil Seal	54.	3082P	Hex Bolt 5/16-18 x 1 Grade 5 H.T.
18.	633A28A	Gear Case, Reverse Idler Shaft and Bearings R. H.	55.	633A23	4th Reduction Shaft
19.	9928H	Sintered Iron Bearing	56.	6276H	Snap Ring
20.	7302R	Oil Seal	57.	4892H	Needle Bearing
21.	5853H	Pressure Relief Valve	58.	1370H	Thrust Bearing Race
22.	6269H	Oil Seal	59.	633A31	2nd Reduction Shaft
23.	3059H	Needle Bearing	60.	633A30	Speed Change Gears
24.	6256H	Needle Bearing	61.	633A11	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	Snap Ring-Crescent Ty
34.	6272H	Spring-Shift Fork Detent	71.	4926H	Shift Fork, H.
35.	7399H	Steel Ball	72.	4219R	Thrust Bearing Race
36.	6215H	High-Low Range Shift Shaft	73.	7399H	Needle Bearing
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

**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**

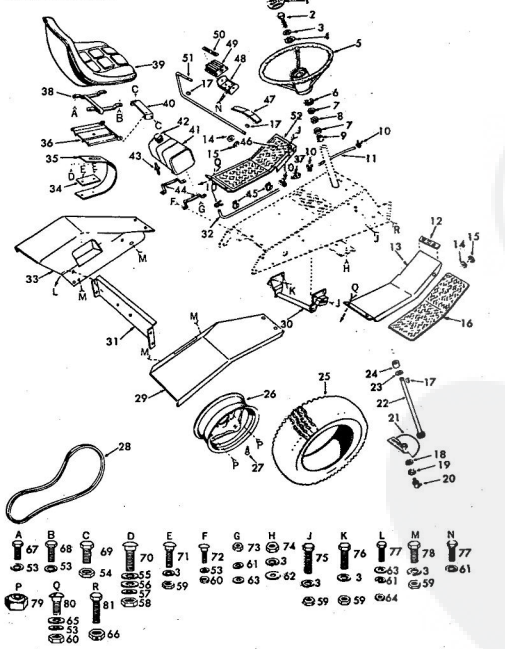
**MAIN FRAME, DASHBOARD AND GRILL**

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	8959R	Decal "Hydro 16T"	61	8FMS2851D	Engine, Onan 16 H.P. Twin Cylinder For Model No. T6336IR1 ONLY
2	8957R	Decal-Strip-Long	61	8FMS2851E	Engine, Onan 16 H.P. Twin Cylinder For Model No. T6336IRO ONLY
3	8138R	Decal-Under Hood	62	8527R	Battery Support
4	834A45E1	Hood Assembly	63	8098R	Battery Support Brackets-L.H.
5	8958R	Decal "Hydro"	64	2866R	Battery Tray
6	8958R	Decal "Hydro"	65	8184R	Decal-Lower Dash
7	7001R	Decal "Short Strip"	66	2154R	Choke Control
8	8959R	Decal-Roper Logo	67	4852R	Remote Control-Throttle
9	3832R	Upper Grill	68	9776H	Choke Control Clip
10	7835R	Rectifier Bracket	69	6794R	Decal-Upper Dash
11	7833R	Lower Grill	70	6291R	Dashboard
12	7938R	Grill Side	71	5123R	Exhaust Manifold-Rear
13	2874R	Grill Screen-L.H.	72	2899R	Exhaust Manifold-Front
14	2873R	Grill Screen-R.H.	73	63A149	Hood Seal
15	8058R	Grill Cable	74	503P	Battery Heat Shield
16	4378H	Hand Grip	75	7247R	J-Clip
17	63A4493	Attachment Clutch Handle Assembly	76	2897R	Muffler
18	7810H	Group Centerlock Nut 3/8 - 24 UNF	77	7912R	Muffler Guard Assembly
19	63A4484	Hanger Weldment-R.H., Front	78	3511P	Carburetor Heat Shield
20	1889E	Bushing	79	7247R	Exhaust Manifold Front
21	1003P	Lockwasher 5/16	80	63A4706	Hood Seal
22	504P	Hex Nut 5/16 - 18 UNC	81	3027P	Battery Support
23	5501P	Thread Cutting Screw, Pan Hd., Phillips No. 10 - 24 x 3/8 Type T	82	3023P	Front Hanger Weldment-L.H.
24	2248R	Spring Switch	85	63A4355	Hex Bolt 5/16 - 18 x 1/2
25	63A4492	Switch Bracket Assembly	86	3008P	Mech. Screw, Pan Hd., Phillips 1/4 - 20 x 1/2
26	63A4491	Belt Tightener Arm and Idler Shaft Assembly	88	1002P	Lockwasher 1/4
27	5999H	Spring Washer	89	1505P	Washer 9/32 x 5/8 x 16 Ga.
28	5818P	Hex Bolt 5/16 - 18 x 1 - 1/2	90	1805P	Locknut 1/4 - 20
29	63A4834	Chassis Assembly with Bearings	91	1006P	Lockwasher No. 10
30	5008R	U-Bolt Axle Clamp	92	506P	Nut No. 10 - 24 UNC
31	1004P	Lockwasher 3/8	93	5327P	Washer 1/32 x 1 1/16 x 16 Ga.
32	501P	Hex Nut 3/8 - 16 UNC	94	1003P	Lockwasher 5/16
33	63A4838	Decal-Engine	95	5564P	Cutting Screw, Pan Hd., Thd. No. 10 - 24 x 1/2
34	8143R	Decal By-Pass Valve	96	563P	Hex Nut 1/4 - 20
35	5628R	Decal Parking Brake	97	563P	Self Tapping Screw, Hex Ind. W/Sems
36	5169R	Filter Mounting Bracket	98	5901P	Ext. Tooth Lockwasher 1/4 - 20 x 5/8
37	6204R	Oil Filter Shield	99	3267P	Cutting Screw, Phillips Pan Hd., Thd. No. 10 - 24 x 3/8 Type T
38	63A4702	Belt Support Bracket (Inc. Key No. 59)	100	3114P	Hex Bolt 1/4 - 20 x 1 - 1/2 H.T.
39	1513P	Washer 13/32 x 13/16 x 16 Ga.	101	5699P	*Hex Bolt 1/4 - 20 x 1/2
40	5877R	Neutral Adjustment Cover	102	3010P	Slotted Pan Hd., Thrd. Cutting Screw 10 - 24 x 3/4 Type T
41	7728R	Cover-R.H.	103	501P	Hex Bolt 5/16 - 18 x 3/4
42	8500R	Decal-Maintenance Meter	104	17P	Carriage Bolt 5/16 - 18 x 1
43	63A4749	Engine Mount Assembly	105	561P	Hex Nut 3/8 - 16 UNC
44	8038M	Engine Mount Assembly	106	6557P	Cutting Screw, Hex Washer Hd., Thrd. 1/4 - 20 x 1/2 Type T
45	8704H1	Spacer	107	3137P	Set Screw, Hex Socket Hdless, 5/16 - 18 x 5/8
46	8621R	Belt Retainer	109	28P	Carriage Bolt 3/8 - 16 x 1
47	8665R	Grill Spacer	110	53P	Washer 7/32 x 7/16 x 18 Ga.
48	8245R	Belt Retainer Finger	111	5384H	*Hex Bolt 5/16 - 18 x 1 - 1/4
49	8245R	Machine Screw, Slotted Filletter Hd., 1/4 - 20 x 2 - 1/4	112	1835P	Washer 7/32 x 7/16 x 18 Ga.
50	7154P	E-Ring	113	3003P	*Hex Bolt 1/4 - 20 x 3/4
51	3631R	Grill Screen-Upper	114	3022P	*Hex Bolt 3/8 - 16 x 1 - 1/4
52	63A4663	Belt Guide Weldment	115	1557P	Washer 13/32 x 13/16 x 11 Ga.
53	8238H	Split Spacer			
54	8474H	Locknut 1/4 - 20			
55	63A4662	Belt Guide Weldment			
56	63A4665	Engine Pulley with Set Screws			
57	3988E	Square Key 1/4 x 2			
58	5627R	Muffler Guard Bracket			
59	7758R	Idler Bearing			
60	8008R	Idler Shaft Cap			

\*STANDARD HARDWARE-PURCHASE LOCALLY

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

**SEAT AND STEERING**



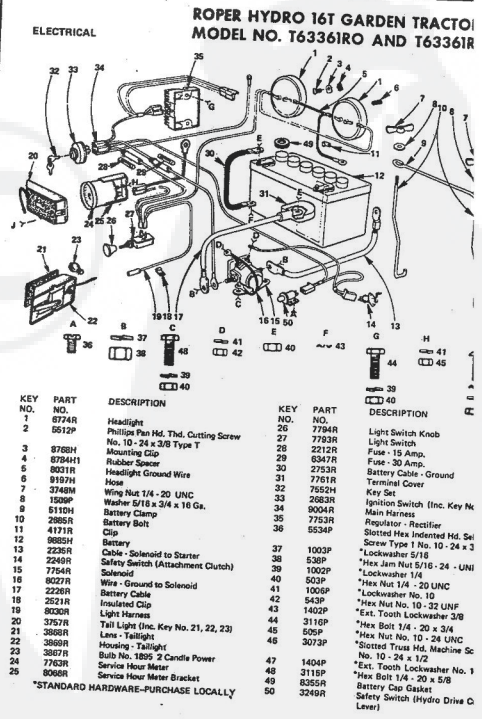
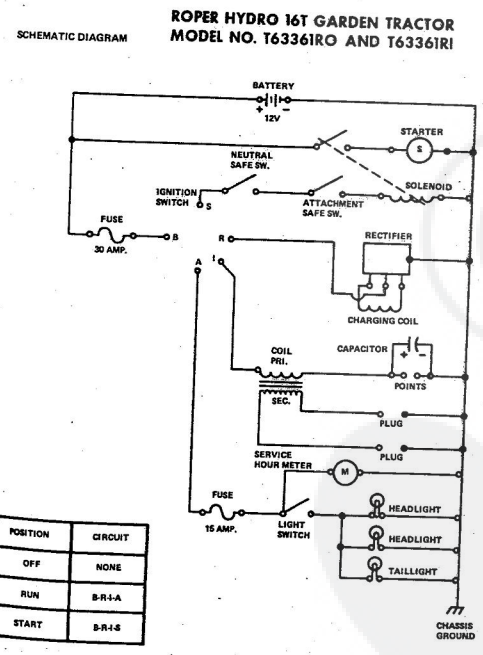
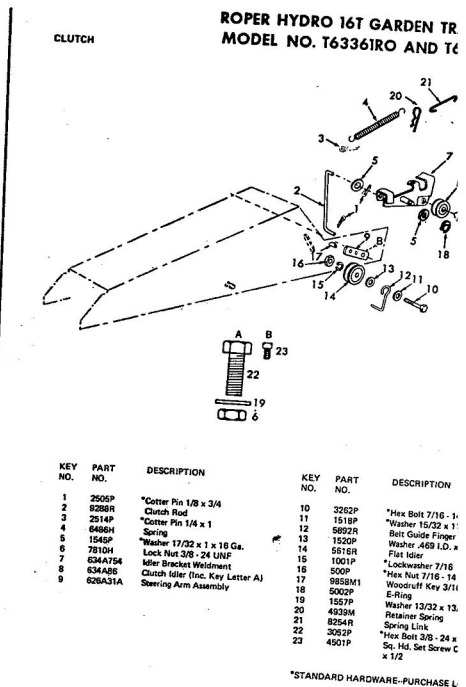
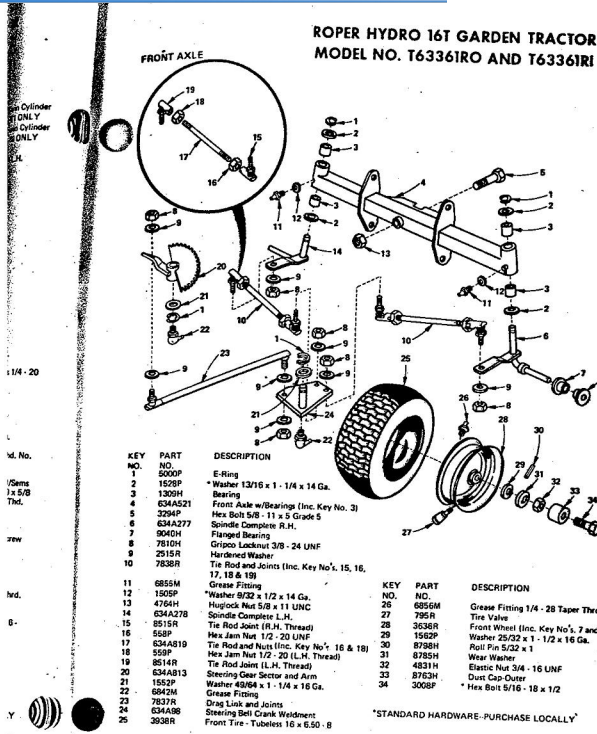
**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T6336IRO AND T6336IRI**

**SEAT AND STEERING**

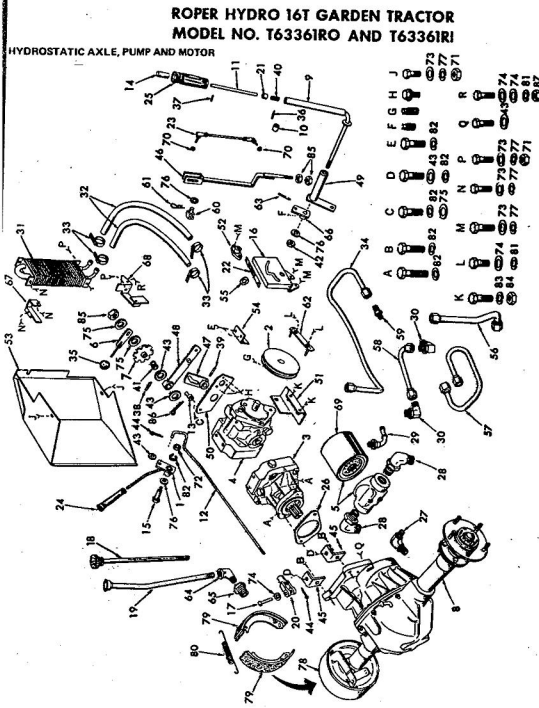
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	6961R	Steering Wheel Cap	41	2693R	Fuel Tank
2	3002P	*Hex Bolt 3/8 - 16 x 1	42	7253R	Fuel Gauge
3	1004P	*Lockwasher 3/8	43	815R	Fuel Line Fitting
4	1558P	*Washer 7/16 x 1 x 10 Ga.	44	2650R	Bracket - Fuel Tank
5	3944R	Steering Wheel	45	6794R	Clip - 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	6088R	Foot Pedal Shaft
12	7998R	Decal (Attach. Clutch)	52	63A4869	Foot Rest w/Bolts - L.H.
13	63A4270	*Foot Rest w/Bolts - R.H.	53	1503P	*Lockwasher 5/16
14	1527P	*Washer 21/64 x 7/8 x 16 Ga.	54	522P	*Locknut 3/8 - 16 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 57/64 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	63A4813	Steering Gear Sector & Arm	61	1002P	*Lockwasher 1/4
22	63A4808	Steering Shaft & Housing	62	1519P	Washer 13/32 x 13/16 x 16 Ga.
23	1533P	Washer 57/64 x 1 - 1/4 x 16 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 11/32 x 11/16 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	63A4803	Fender & Insert - R.H.	69	3022P	*Hex Bolt 3/8 - 16 x 7/8
30	63A4802	Fender & Insert - L.H.	70	62P	Carriage Bolt 1/2 - 13 x 1 - 1/4 Grade 5
31	2666R	Bracket - Tail Light	71	61P	*Hex Bolt 5/16 - 18 x 3/4
32	8642R	Fuel Line (Long)	72	16P	Carriage Bolt 5/16 - 18 x 3/4
33	63A4845	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	8449R	Seat Spring	75	3025P	*Hex Bolt 3/8 - 16 x 1 - 1/4
36	63A4533	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	63A4532	Seat Bracket Weldment	78	3021P	*Hex Bolt 3/8 - 16 x 3/4
39	4069R	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

\*STANDARD HARDWARE-PURCHASE LOCALLY









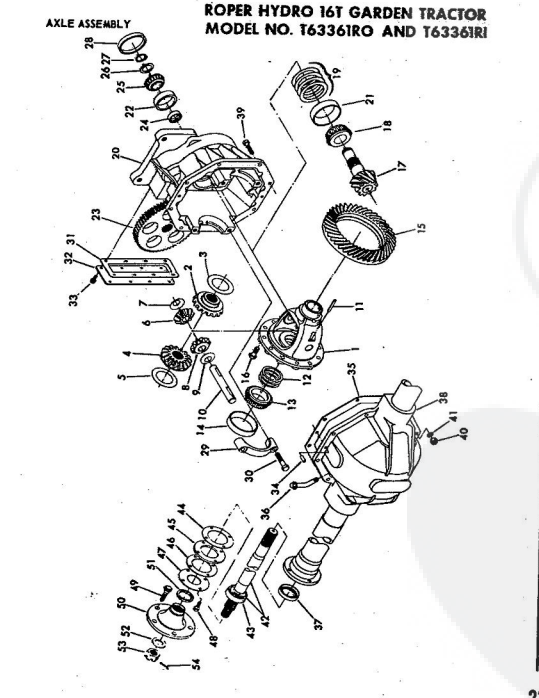
ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T6336IRO AND T6336IRI

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	63A4804	Bottom Pump Bracket Weldment
2	63A4805	Oil Cooler Air Shield
3	63A4807	Top Pump Bracket Weldment
4	63A4808	Roller
5	63A4809	Seal Line
6	63A4810	Pressure Line No. 1
7	63A4811	Pressure Line No. 2
8	63A4812	Strap Connector "O" Ring to Flare
9	63A4813	Roller Pin
10	63A4814	Roller Pin
11	63A4815	Roller Pin
12	63A4816	Roller Pin
13	63A4817	Roller Pin
14	63A4818	Roller Pin
15	63A4819	Roller Pin
16	63A4820	Roller Pin
17	63A4821	Roller Pin
18	63A4822	Roller Pin
19	63A4823	Roller Pin
20	63A4824	Roller Pin
21	63A4825	Roller Pin
22	63A4826	Roller Pin
23	63A4827	Roller Pin
24	63A4828	Roller Pin
25	63A4829	Roller Pin
26	63A4830	Roller Pin
27	63A4831	Roller Pin
28	63A4832	Roller Pin
29	63A4833	Roller Pin
30	63A4834	Roller Pin
31	63A4835	Roller Pin
32	63A4836	Roller Pin
33	63A4837	Roller Pin
34	63A4838	Roller Pin
35	63A4839	Roller Pin
36	63A4840	Roller Pin
37	63A4841	Roller Pin
38	63A4842	Roller Pin
39	63A4843	Roller Pin
40	63A4844	Roller Pin
41	63A4845	Roller Pin
42	63A4846	Roller Pin
43	63A4847	Roller Pin
44	63A4848	Roller Pin
45	63A4849	Roller Pin
46	63A4850	Roller Pin
47	63A4851	Roller Pin
48	63A4852	Roller Pin
49	63A4853	Roller Pin
50	63A4854	Roller Pin
51	63A4855	Roller Pin
52	63A4856	Roller Pin
53	63A4857	Roller Pin
54	63A4858	Roller Pin
55	63A4859	Roller Pin
56	63A4860	Roller Pin
57	63A4861	Roller Pin
58	63A4862	Roller Pin
59	63A4863	Roller Pin
60	63A4864	Roller Pin
61	63A4865	Roller Pin
62	63A4866	Roller Pin
63	63A4867	Roller Pin
64	63A4868	Roller Pin
65	63A4869	Roller Pin
66	63A4870	Roller Pin
67	63A4871	Roller Pin
68	63A4872	Roller Pin
69	63A4873	Roller Pin
70	63A4874	Roller Pin
71	63A4875	Roller Pin
72	63A4876	Roller Pin
73	63A4877	Roller Pin
74	63A4878	Roller Pin
75	63A4879	Roller Pin
76	63A4880	Roller Pin
77	63A4881	Roller Pin
78	63A4882	Roller Pin
79	63A4883	Roller Pin
80	63A4884	Roller Pin
81	63A4885	Roller Pin



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

AXLE ASSEMBLY

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

AXLE ASSEMBLY

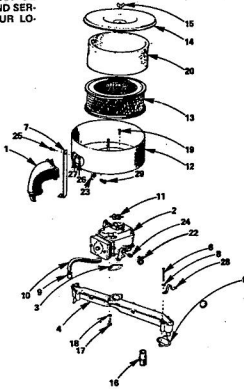
KEY NO.	PART NO.	DESCRIPTION
1	7178R	Spig Ring
2	7178R	Wash Plug Gasket
3	7178R	Wash Plug Gasket
4	7178R	Wash Plug Gasket
5	7178R	Wash Plug Gasket
6	7178R	Wash Plug Gasket
7	7178R	Wash Plug Gasket
8	7178R	Wash Plug Gasket
9	7178R	Wash Plug Gasket
10	7178R	Wash Plug Gasket
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37	7178R	Wash Plug Gasket
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42	7178R	Wash Plug Gasket
43	7178R	Wash Plug Gasket
44	7178R	Wash Plug Gasket
45	7178R	Wash Plug Gasket
46	7178R	Wash Plug Gasket
47	7178R	Wash Plug Gasket
48	7178R	Wash Plug Gasket
49	7178R	Wash Plug Gasket
50	7178R	Wash Plug Gasket
51	7178R	Wash Plug Gasket
52	7178R	Wash Plug Gasket
53	7178R	Wash Plug Gasket
54	7178R	Wash Plug Gasket



**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.

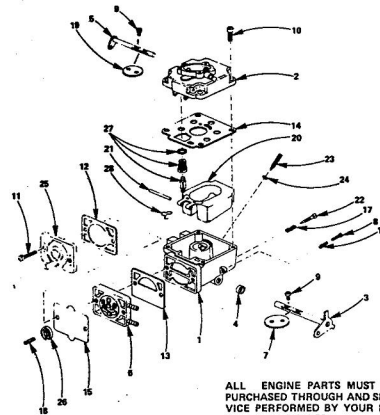


KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	140-1169	Tube, Air Intake (Air Cleaner to Blower Housing)	15	850-0020	Nut, Wing - Air Cleaner Cover (1/4 - 20)
2	142-0531	Carburetor, Gasoline (With Integral Fuel Pump)	16	805-0755	Nipple, Exhaust (1 x 3")
3	145A438	Gasket, Carburetor Mounting	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	154A1448	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	140A1215	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 Hd. 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**



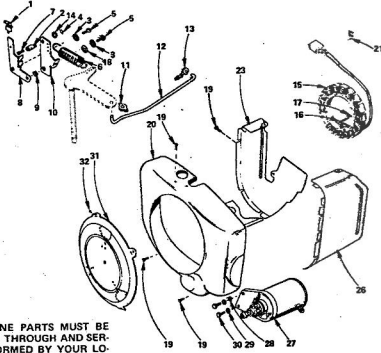
ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.

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**

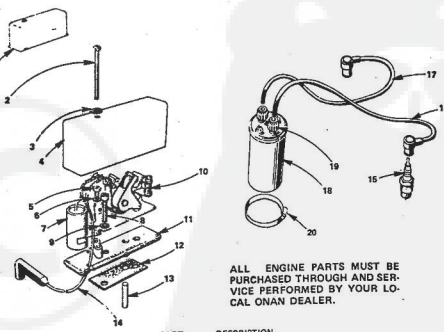


ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.

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	Bushing, 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	160A1168	*Gasket, Breaker Box
13	160-1151	Plunger, Breaker Point Assembly
14	338-2132	Lead, Breaker Points to Coil
15	167-0241	Plug, Spark
16	167-1483	Cable, Spark Plug (19")
17	167-1482	Coil, Ignition
18	166-0036	Not. 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.

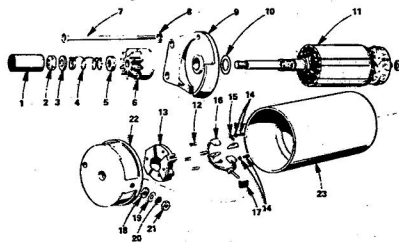


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**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO**

**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**

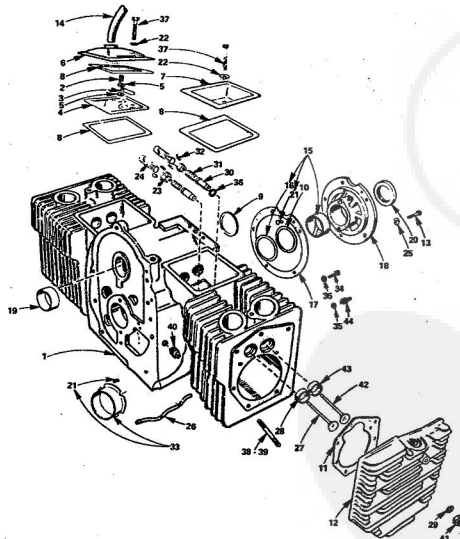
KEY NO.	PART NO.	DESCRIPTION
1	191-0933	Starter, 12 Volt (Complete)
2	191-1036	Cover, Dust
3	191-1046	Nut, Stop
4	191-1046	Washer, Stop Nut
5	191-1035	Spring, Anti-drift
6	191-1047	Screw, Dust Cover
7	191-1036	Drive Assembly
8	191-1048	Screw, Hex Cap
9	850-0040	Washer, Lock
10	191-1037	Cap, Assembly, Drive End
11	191-1038	Washer, Armature Thrust
12	191-1038	Armature
13	†	Spring, Brush
14	†	Brush Holder
15	†	Screw and Lockwasher
16	†	Brush, Ground
17	†	Stud and Brush Assembly, Input
18	†	Threading, Insulation - Input Stud
19	†	TWasher, Insulation - Input Stud
20	†	TWasher, Flat - Input Stud
21	†	TWasher, Lock - Input Stud
22	†	†Nut, Securing - Input Stud
23	191-1040	Cap Assembly, Commutator (Includes Parts Marked †)
24	191-1041	Housing, Starter Motor (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

**CYLINDER BLOCK GROUP**

**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**

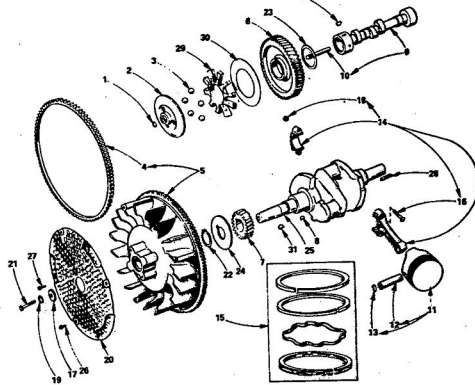
**CYLINDER BLOCK GROUP**

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 10 Gi
5	526-0018	Washer, Flat - Steel (17/64" I.D. x 5/8" 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	517-8048	†Pin, 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 (9/16" O.D. x 1/16")
13	110-1924	Right Side (No. 2 Cylinder)	36	110A-68	x†Gasket, Valve Guide (
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†Sml, Bearing Plate	44	110-0197-02	.002" Oversize
21	516-0372	†Pin, Main Bearing Stop		520-0920	Stud (3/8 - 16)
22	526-0063	Washer, Flat - Copper (17/64" I.D. x 7/16" O.D. x 1/32" Thick)			
23	110-0889	†Standard			
24	116-0006	†Standard			
25	850-0060	†Washer, Lock (3/8")			
26	120-0706	†Tube, Crankcase Oil			
27	110-1806	Exhaust Valve			

† - Included in 110-2351 Cylinder Block Ass'y  
 \* - 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

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VICE PERFORMED BY YOUR LO-  
CAL ONAN DEALER.

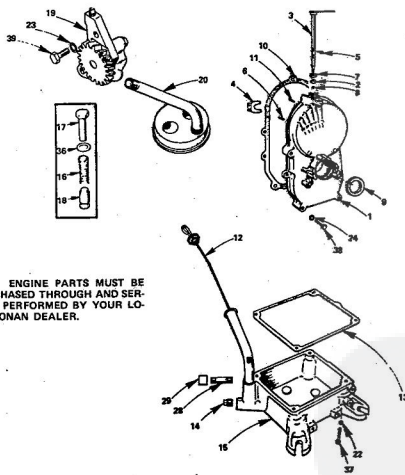


**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO**  
CRANKSHAFT, FLYWHEEL, CAMSHAFT  
AND PISTON GROUP

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 RE-TAINING RINGS)
112-0134	Standard	
112-0134-05	.005" Overize	
112-0134-10	.010" Overize	
112-0134-20	.020" Overize	
112-0134-30	.030" Overize	
112-0134-40	.040" Overize	
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	.005" Overize	
115-0174-10	.010" Overize	
115-0174-20	.020" Overize	
115-0174-30	.030" Overize	
115-0174-40	.040" Overize	
16	114-0228	Bolt, Special - Connecting Rod
17	528-0017	Washer, Flat - Steel (15/32" I.D. x 1 - 1/4" O.D. x 1/4" 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 SER-  
VICE PERFORMED BY YOUR LO-  
CAL ONAN DEALER.



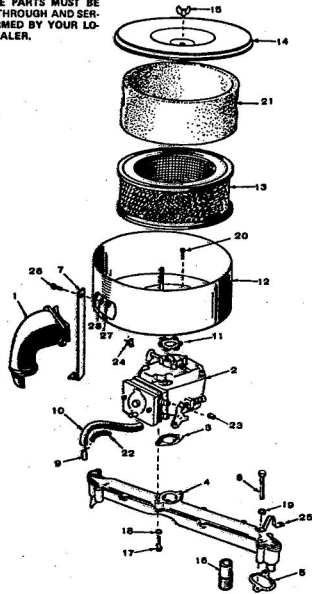
**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361RO**  
GEAR COVER, OIL BASE AND  
OIL PUMP GROUP

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	801-0500	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 - 16 x 2 - 1/2")
28	800-0032	Screw, Hex Head Cap (5/16 - 18 x 1 - 3/4") - Gear Cover Mounting
28	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**  
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**ROPER HYDRO 16T GARDEN TRACTOR  
MODEL NO. T63361R1**

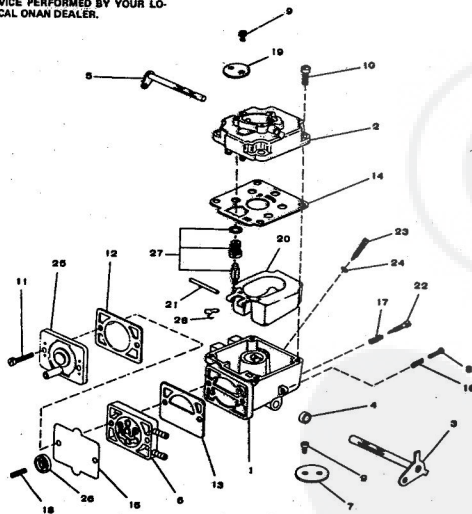
**FUEL SYSTEM GROUP**

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
24	142-0549	Power Needle Assembly
25	142-0550	O-Ring
26	142-0551	Cover
27	142-0552	*Plate
28	142-0553	*Float Valve Assembly
	142-0554	Clip
	142-0556	*Gasket Set (Includes 142-053
	142-0557	Repair Kit

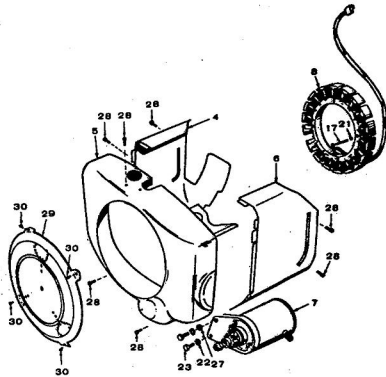
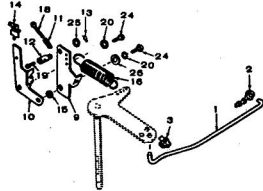
\* - Included in Repair Kit.



**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**

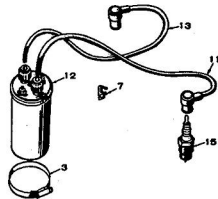
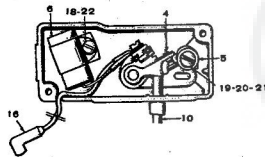
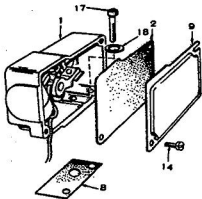
GOVERNOR, STARTER,  
CHARGING ALTERNATOR AND  
BLOWER HOUSING GROUP

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  
PURCHASED THROUGH AND SER-  
VICE PERFORMED BY YOUR LO-  
CAL ONAN DEALER.



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

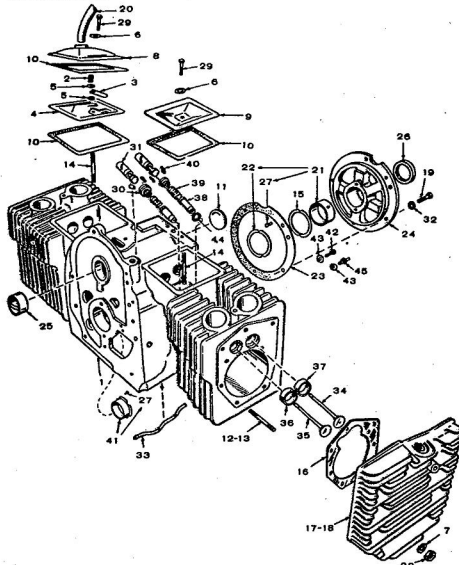
IGNITION GROUP

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.



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

**CYLINDER BLOCK GROUP**

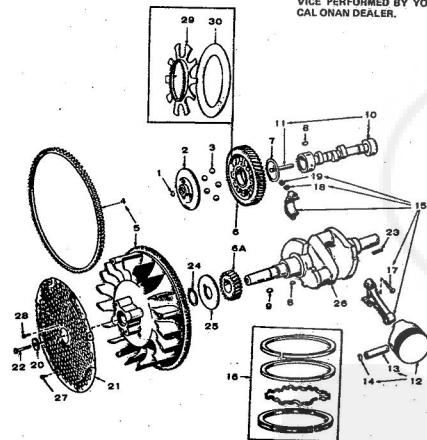
REF. NO.	PART NO.	PART DESCRIPTION
1	110-1943	Cylinder Block Assembl
2	123-1174	Spring
3	123-1175	Valve
4	123-1173	Baffle
5	526-0018	Flat Washer (1/4" Steel)
6	526-0063	Flat Washer (1/4" Copper)
7	526-0122	Flat Washer (5/16" Steel)
8	110-1878	Cover (L.H.)
9	110-1879	Cover (R.H.)
10	110A1821	*Gasket
11	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**

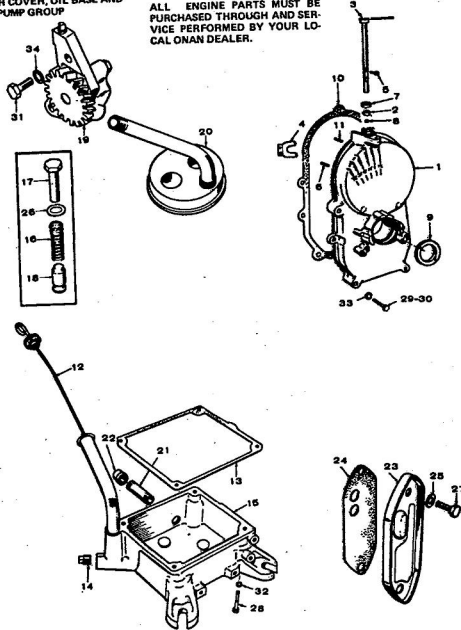
CRANKSHAFT, FLYWHEEL, CAMSHAFT  
AND PISTON GROUP

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	821-0010	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**

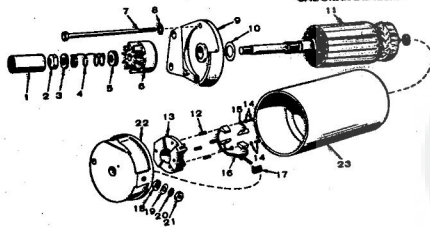
GEAR COVER, OIL BASE AND OIL PUMP GROUP

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.



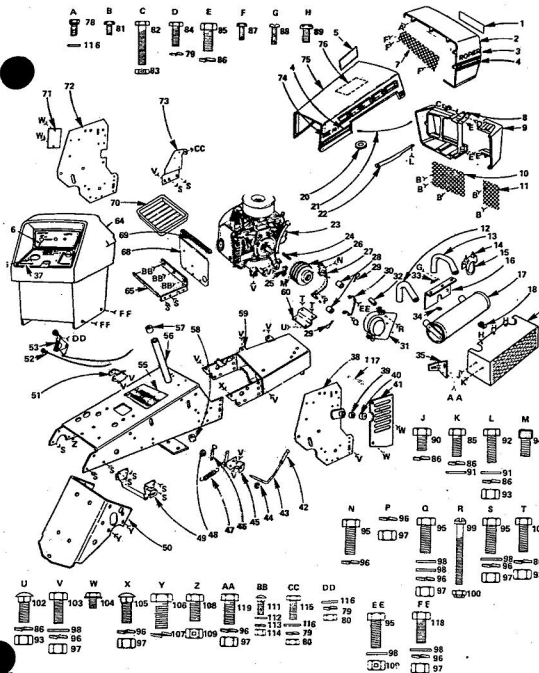
REF. NO.	PART NO.	PART DESCRIPTION
1	191-0935	Starting Motor (Complete)
2	191-1034	Dust Cover
3	191-1045	Stop Nut
4	191-1046	Stop Nut Washer
5	191-1035	Anti-drift Spring
6	191-1047	Dust Cover Spacer
7	191-1036	Drive Assembly
8	191-1048	Hex Cap Screw - Starter Through
9	850-0040	Lock Washer
10	191-1037	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**

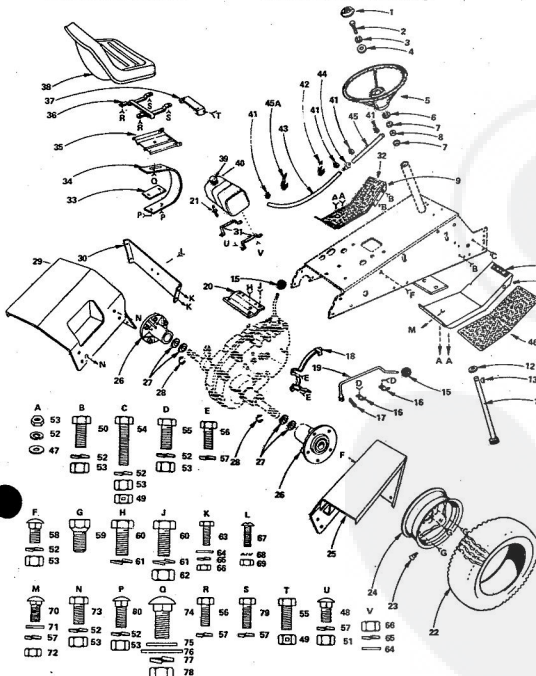
**MAIN FRAME, DASH AND GRILL**

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	6955R	Decal - Grill Front - "Roper"	68	7912R	Battery Heat Sh
2	3622R	Grill - Upper	69	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 3/4 Ty
22	7746R	Grill Brace	90	3008P	*Phillips Pan Hd. 1/4 - 20 x 1/2
23	80-MS2950A	Engine Crank Twin 18 H.P.	91	3009P	*Hex Bolt 5/16 - 18
24	8296E	Sa. Key 1/4 x 2	92	3011P	*Washer 11/32 x 1 - 18
25	8295E	Ball Retainer Finger	93	504P	*Hex Nut 5/16 - 18
26	634A104	Engine Pulley w/Set Screws	94	4514P	Hex Socket Head 5/16 - 18 x 5/8
27	634A527	Shaft Guide Weldment	95	3023P	*Lockwasher 3/8"
28	8704H1	Spring	96	1004P	*Hex Nut 3/8 - 16
29	4939M	Retainer Spring	97	501P	*Hex Nut 3/8 - 16
30	8011H	Ball Retainer	98	1512P	*Washer 13/32 x 1 - 14
31	634A559	Ball Guide Weldment	99	3164P	1/4 - 20 x 2 - 1/4
32	8228H	Split Spacer	100	347H	Hydrolok Nut 1/4 - 20 x 1 - 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. 1/4 - 20 x 1/2 Ty
37	8252R	Decal - Maintenance Meter	105	28P	*Sq. Neck Carriage 3/8 - 16 x 1 Gr. 5
38	634A762	Battery Support Bracket (Inc. Key 39)	106	3035P	*Hex Bolt 7/16 - 14
39	7756R	Bearing	107	500P	*Lockwasher 7/16"
40	8006R	Cap	108	3021P	*Hex Bolt 3/8 - 16
41	7728R	Cover - R.H.	109	5384H	*Locknut 3/8 - 16 L
42	4378H	Handle Grip	110	53P	*Sq. Neck Carriage
43	7945R	Attachment Clutch Lever	111	53P	*Washer 7/32 x 7/16 - 18
44	8003P	Hanger Weldment L.H. - Front	112	1638P	*Lockwasher No. 11
45	634A785	Hanger Weldment R.H. - Front	114	5056P	*Hex Nut 10 - 24 U
46	7944R	Belt Tightener Arm	115	3114P	*Hex Bolt 3/8 - 16
47	7946R	Return Spring	116	1509P	*Washer 9/32 x 5/8
48	7819H	Locknut 3/8 - 24 UNF	117	2514P	*Cotter Pin 1/4 x 1 - 18
49	634A214	Hanger Weldment - Rear	118	3027P	*Hex Bolt 3/8 - 16
50	634A787	Drawer and Weldnuts	119	3025P	*Hex Bolt 3/8 - 16
51	634A355	Hanger Weldment - L.H. - Front			
52	7931H	Choke 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**

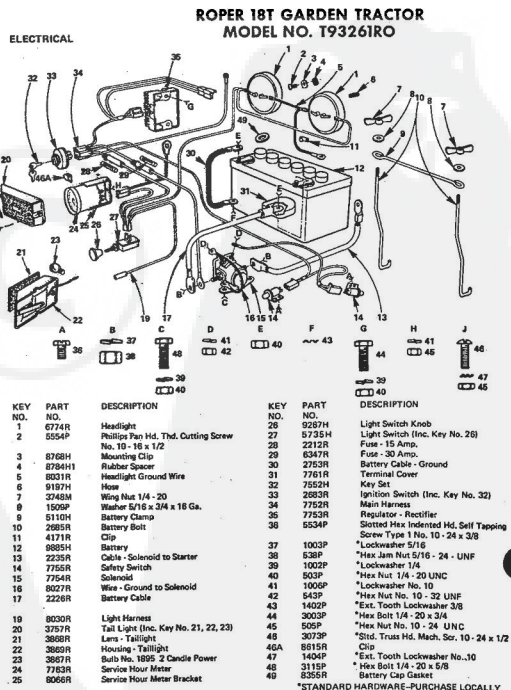
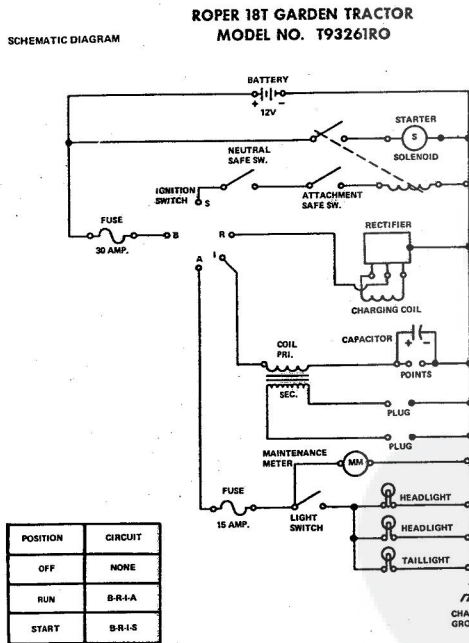
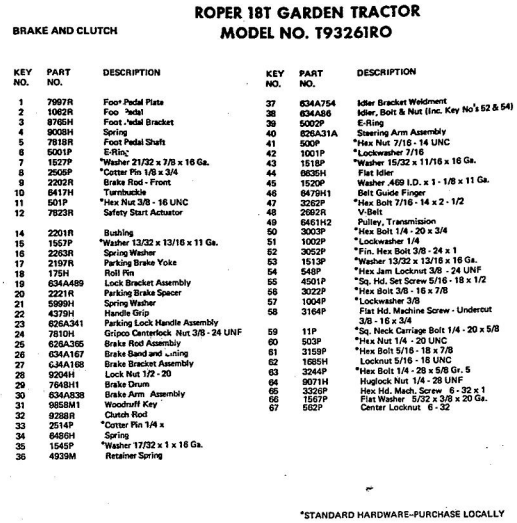
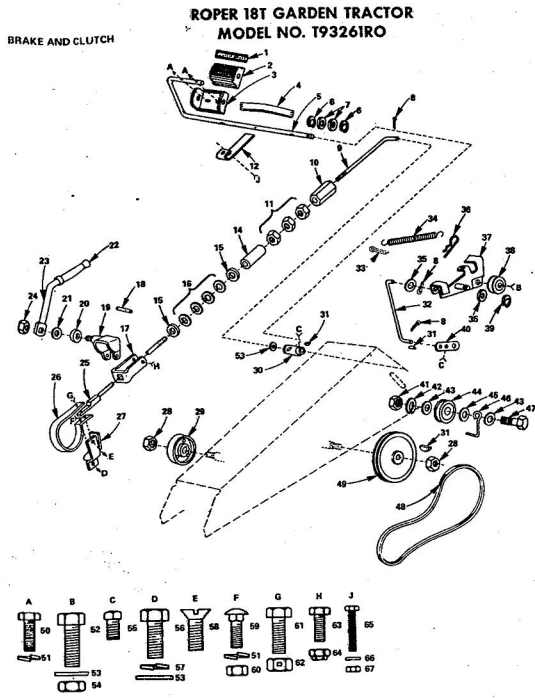


**ROPER 18T GARDEN TRACTOR MODEL NO. T932610**

**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 1/4 - 20 x 1/2
4	1559P	*Washer 7/16 x 1 - 10 Ga.	49	5384H	Locknut 3/8 - 16 x 1 - 18
5	3644R	Steering Wheel	50	3137P	*Hex Nut 5/16 - 18 UNC
6	5003P	E-Ring	51	504P	*Lockwasher 3/8"
7	9007H	Cap	52	1004P	*Hex Bolt 3/8 - 16 UNC
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 - 16 x 1/2
10	2267R	Deal (Attach. Clutch)	55	3022P	*Hex Bolt 3/8 - 16 x 3/8
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 3/8 - 16 x 1/2
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 - 18
17	2511P	*Cotter Pin 3/16 x 1	62	900P	*Hex Nut 7/16 - 14 UNC
18	634A22A	Belt 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 10 - 24 x 1/2
23	795R	Tire Valve	68	1404P	Ext. Tooth Lockwasher 1/4"
24	3635R	Rear Wheel	69	505P	*Hex Nut No. 10 - 24 UNF
25	634A593	Fender - Rear	70	5P	Carriage Bolt Short Shou
26	634A692	Wheel Hub - Rear	71	1537P	*Washer 11/32 x 11/16 x 1 - 18
27	7563R	Axle Thrust Washer	72	504P	*Hex Bolt 5/16 - 18 UNC
28	5985R	E-Ring	73	3021P	*Hex Bolt 3/8 - 16 x 3/4
29	634A594	Fender - L.H.	74	25P	*Carriage Bolt 1/2 - 13 x 1 - 18
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 1/2
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 - Owners Manual
36	634A532	Seat Bracket Weldment			
37	2603R	Bracket - Seat Pivot			
38	4889R	Seat			
39	7280R	Fuel Gauge			
40	2692R	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			

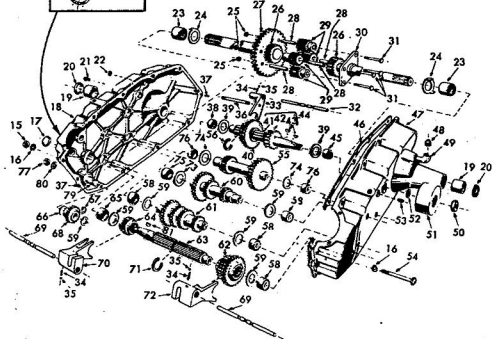
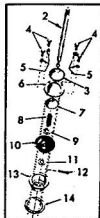
\*STANDARD HARDWARE-PURCHASE





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

**TRANSAXLE**



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

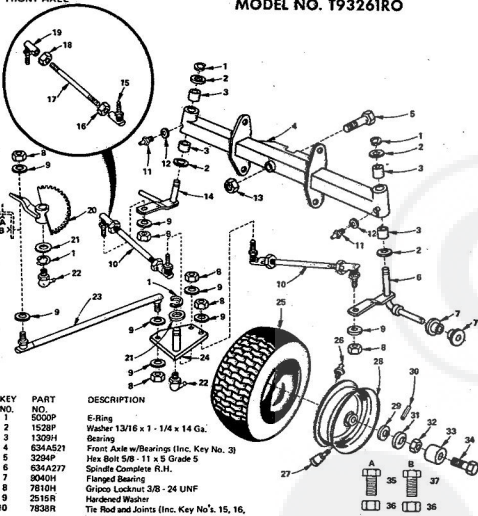
**TRANSAXLE**

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	833A7B	Transaxle Assembly less	38	8118M	Needle E
2	4213H1	Break Drum	39	6266H	Thrust B
3	4869H1	Gear Shift Lever Straight	40	633A14	High-Low
4	1002P	Gear Shift Cap	41	6221H	3rd Redu
5	3159P	Hex Bolt 3/16-18 x 7/8	42	8059H	4th Redu
6	6254H1	Lockwasher 5/16	43	2228M	Woodruff
7	6259H1	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 59/64 x 10 Ga.	47	633A27	Gear Gas
11	1525P	Washer 9/16 x 15/16 x 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	Gear Case, Reverse Idler Shaft and Bearings R.H.	53	4001P	* Pipe Plug
17	6270H	Sintered Iron Bearing	54	3087P	Groove S
18	633A28A	Oil Seal	55	633A33	4th Redu
19	8003R	Pressure Relief Valve	56	6276H	5th Redu
20	7382R	Oil Seal	58	4892H	Needle B
21	5835H	Needle Bearing	59	1700H	Thrust Be
22	6269H1	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	65	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	6216H	Shift For
31	3056P	Hex Bolt 5/8-24 x 3/4	69	6352H	Shift For
32	6217H	High-Low Range Shift Fork	70	4726H	Snap Ring
33	6260H	Shift Fork High-Low Range	71	4219H	Shift For
34	6272H	Spring Shift Fork Detent	72	7395H	Thrust Be
35	7392M	Steel Ball	73	7396H	Thrust Be
36	6212H	High-Low Range Shaft	74	7398H	Needle Be
37	6271H	Dowel Pin	75	8117M	Needle B
			76	5411P	Sealing W
			77	7384H	Reverse I
			78	1167R	Sealing W
			79	7385H	Woodruff E
			80	8058H	
			81		

\*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	Huglock 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 Nut (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

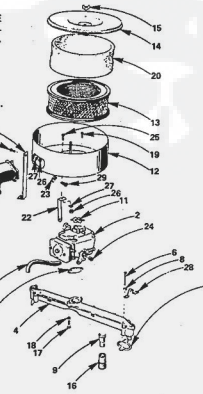
KEY NO.	PART NO.	DESCRIPTION
26	8055M	Grease Fitting 1/4 - 28 Taper Thrd.
27	7955R	Tire Valve
28	3638R	Front Wheel (Inc. Key No's. 7 and 28)
29	1552P	Washer 25/32 x 1-1/2 x 16 Ga.
30	8785H	*Roll Pin 5/32 x 1
31	8785H	Wear Washer
32	4831H	Elastic Nut 3/4 - 10 UNF
33	8783H	Dust Cap-Outer
34	3089P	Hex Bolt 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.



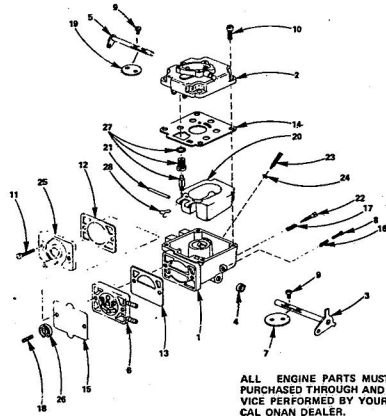
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	140-1169	Tube, Air Intake (Air Cleaner to Blower Housing)	15	805-0020	Nut, Wing - Air Cas
2	142-0568	TCarburator, Gasoline (With Integral Fuel Pump)	16	505-0815	Nipple, Exhaust (1
3	145-0438	*Chassis, Carburetor Mounting	17	800-0023	Screw, Hex Head C
4	154-1468	Manifold, Intake	18	850-0040	Washer, Spring Load
5	154-1744	*Gasket, Intake - Manifold	19	815-0377	Screw, Round Head
6	800-0034	Screw, Hex Head Cap (5/16 - 18 x 2 - 1/4")	20	140-1259	Washer, Air Clean
7	140-1168	Support, Air Cleaner	21	140-1313	Bracket, Air Clean
8	850-0045	Washer, Spring Lock (5/16")	22	518-0308	Clip, Bracket, Cable
9	105-1365	Invert, Exhaust Pipe	23	800-0003	Screw, Hex Head C
10	800-0740	Hose, Fuel Pump Vacuum	24	800-0001	Nut, Hex - 5/8 x 1/4
11	140-1215	*Gasket, Air Cleaner Mts.	25	853-0013	Washer, Lock - ET (
12	140-1213	Housing, Air Cleaner	26	403-1021	Bracket, Lifting
13	140-1216	Element, Air Cleaner	27	6592P	Shk. Pin Hd. Set T
14	140-1168	Cover, Air Cleaner	28	105-1365	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**



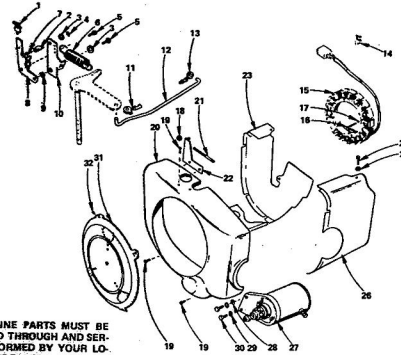
ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.

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	*Valve Assembly, Float
12	142-0541	*Gasket, Base to Diaphragm	28	142-0554	Cup, Float Valve
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	Cable, 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	Housing, Blower
3	628-0214	Washer, Flat - Steel (17/64" I.D. x 3/2" O.D. x 1/16" Thick)	21	150-1418	Stud, Governor
4	618-0050	Flg. Cutter - Swivel Mounting	22	150-1433	Bracket, Governor Control
5	821-0010	Screw, Hex Cap - Flange Locking (1/4" x 20 x 1/2")	23	134-2889	Housing, Cylinder Air - Left
6	150-1214	Spring, Governor	24	815-0250	Screw, Hex Head Cap (1/4" x 20 x 3/8")
7	815-0104	Screw, Round Head (No. 8 - 32 x 5/16")	25	526-0021	Washer, Flat - Steel (17/64" I.D. x 3/4" O.D. x 1/16" Thick)
8	150-1343	Bracket, Governor Mounting	26	134-2888	Housing, Cylinder Air - Right
9	150-1289	Bushing, Governor Control	27	191-0933	Starter, 12 Volt (For Components see separate group)
10	150-1345	Arm, Governor Control	28	526-0113	Washer, Flat - Steel (11/32" I.D. x 1" O.D. x .302" Thick)
11	870-0278	Cup, Governor Control Rod to Governor Arm	29	800-0512	Screw, Hex Head Cap (5/16" x 18 x 1")
12	150-1350	Rod, Governor Control	30	850-0445	Screw, Hex Head Cap (5/16" x 18 x 1")
13	618-0004	Cup, Governor Control Rod to Calumator	31	134-3213	Guard, Blower Housing
14	187-0188	Cup, Alternator Lead Support	32	815-0378	Screw, Ind. Hex Head w/E.T. (No. 14 x 1 1/2")
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**



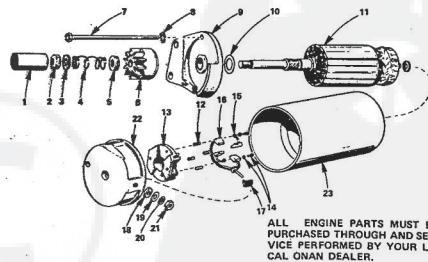
ALL ENGINE PARTS MUST BE PURCHASED THROUGH AND SERVICE PERFORMED BY YOUR LOCAL ONAN DEALER.

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	815-0258	*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 3/8")
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	338-2232	Lead, Breaker Points to Coil
15	187-0241	Plug, Spark
16	187-1483	Cable, Spark Plug (19")
17	187-1482	Cable, Spark Plug (16 - 3/4")
18	186-0639	Coil, Ignition
19	186-0604	Nut, Coil Cable (Part of 186-0639 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**

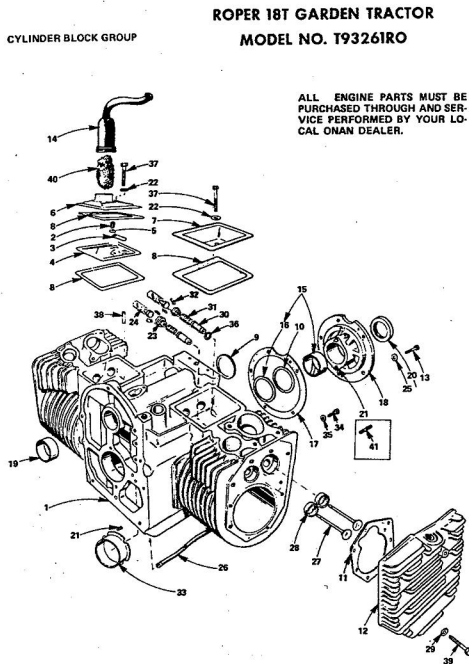
**STARTER PARTS GROUP**



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	191-1947	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

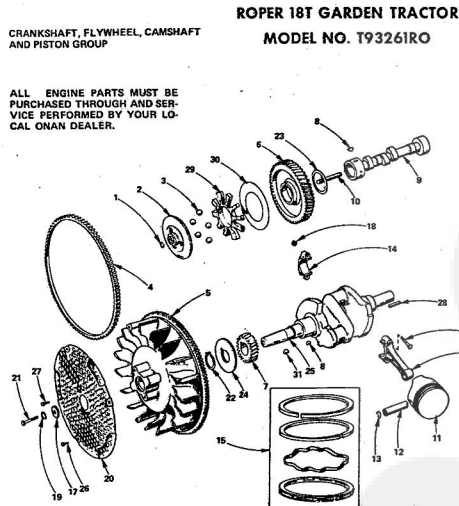


**ROPER 18T GARDEN TRACTOR  
MODEL NO. T9326IRO**

CYLINDER BLOCK GROUP

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	110-2387	Block Assembly, Cylinder (Includes Parts Mated To)	28		INSERT, VALVE SEAT
2	123-1174	Spring, Breather Valve		110-1824	EXHAUST
3	123-1175	Valve, Breather		110-1824-02	Standard
4	123-1173	Baffle, Breather		110-1824-05	.002" 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	Standard
9	517-0048	Pin, Extension - Camshaft		110-0197-02	.002" 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	TGudge, 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)
		Standard		101-0432	Standard
		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		800-0046	Screw, Hex Head Cap (3/8 - 16)
16	104-0575	TWasher, Crankshaft Bearing Thrust	34	526-0066	Washer, Flat - Copper (25/64" x 3/4" O.D. x 1/16" O.D.)
17	101-0415	xGasket, Bearing Plate	35	800-0541	Screw, Hex Head Cap (1/4 - 20 x 1 - 3/4")
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	123-0865	Filter, Breather Tube
23	110-0904	Rotorcap, Valve	41	520-0820	Stud, Cylinder Block Wet Hole (Lower)
24		TARJET, VALVE			
		Standard			
		115-0006			
		115-0006-02 .002" Oversize			
		115-0006-05 .005" Oversize			
		850-0050			
		TWasher, Lock (3/8")			
		120-0735			
		Ttube, Crankcase Oil			
		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.



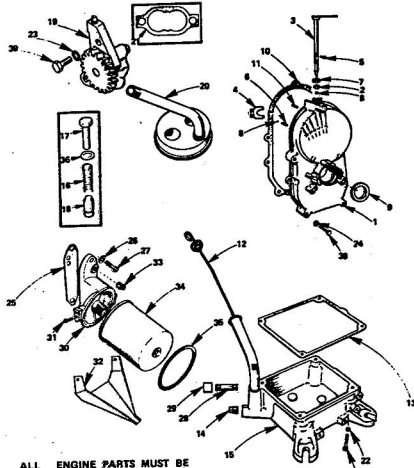
**ROPER 18T GARDEN TRACTOR  
MODEL NO. T9326IRO**

CRANKSHAFT, FLYWHEEL, CAMSHAFT  
AND PISTON GROUP.

KEY NO.	PART NO.	DESCRIPTION
1	150-0078	Ring, Camshaft Center Pin
2	150-1116	Cap, Governor
3	510-0015	Ball, Fly - Governor
4	104-0779	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)
		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
		Standard
		114-0247-10 .010" Oversize
		114-0247-20 .020" Oversize
		114-0247-30 .030" Oversize
15		RING SET, PISTON
		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	610-0105	*Bearing, Governor Shaft
3	160-1470	*Shaft and Arm Assembly, Governor
4	160-1157	*Yoke Governor Shaft
5	815-0045	*Screw, Yoke Retaining
6	818-0130	*Pin, Governor Cap Stop
7	628-0028	*Seal, Oil - Governor Shaft
8	810-0014	*Ball, Bearing - Governor Shaft
9	168-0040	*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	120-0161	*Gasket Kit, Oil Pump
23	800-0050	Washer, Spring Lock (3/8")
24	628-0085	Washer, Flat - Copper (21/64" I.D. x 8/16" O.D. x 1/16" Thick)
25	122-0021	*Gasket, Oil Filter Adapter
26	628-0085	Washer, Flat - Copper (21/64" I.D. x 8/16" 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	628-0086	Washer, Flat - Copper (25/64" I.D. x 8/16" 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.