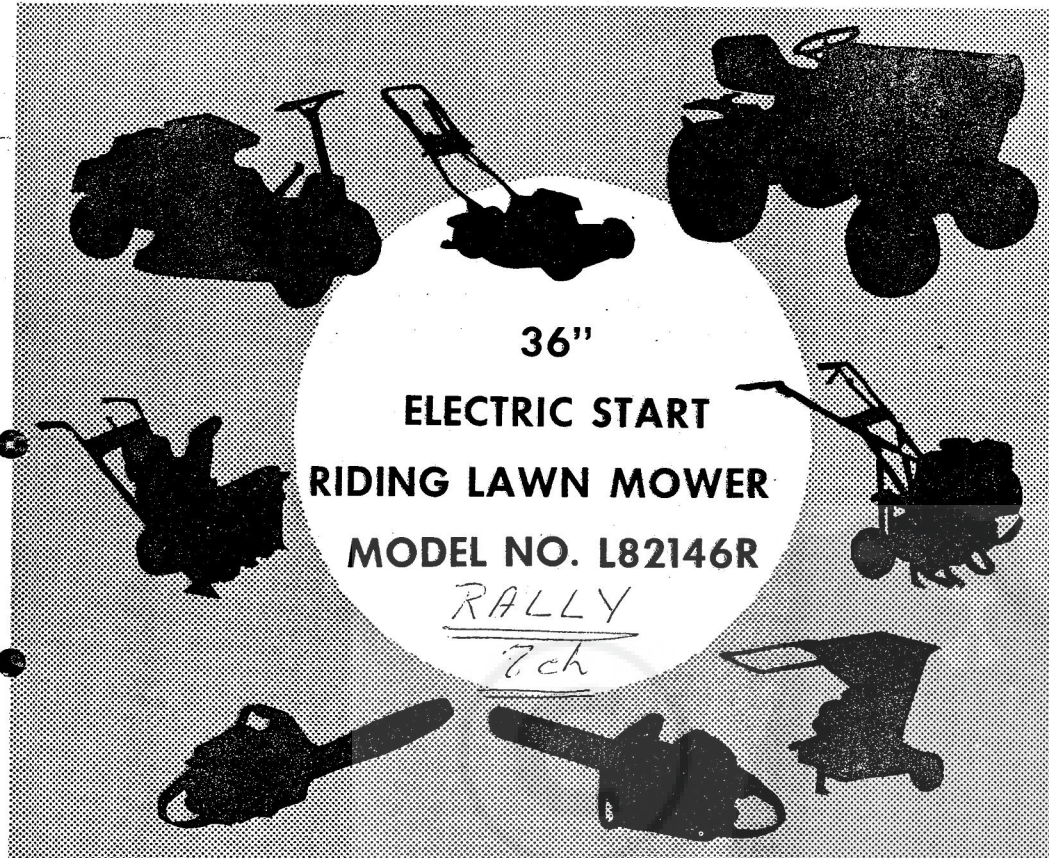




OUTDOOR POWER EQUIPMENT OWNER'S MANUAL



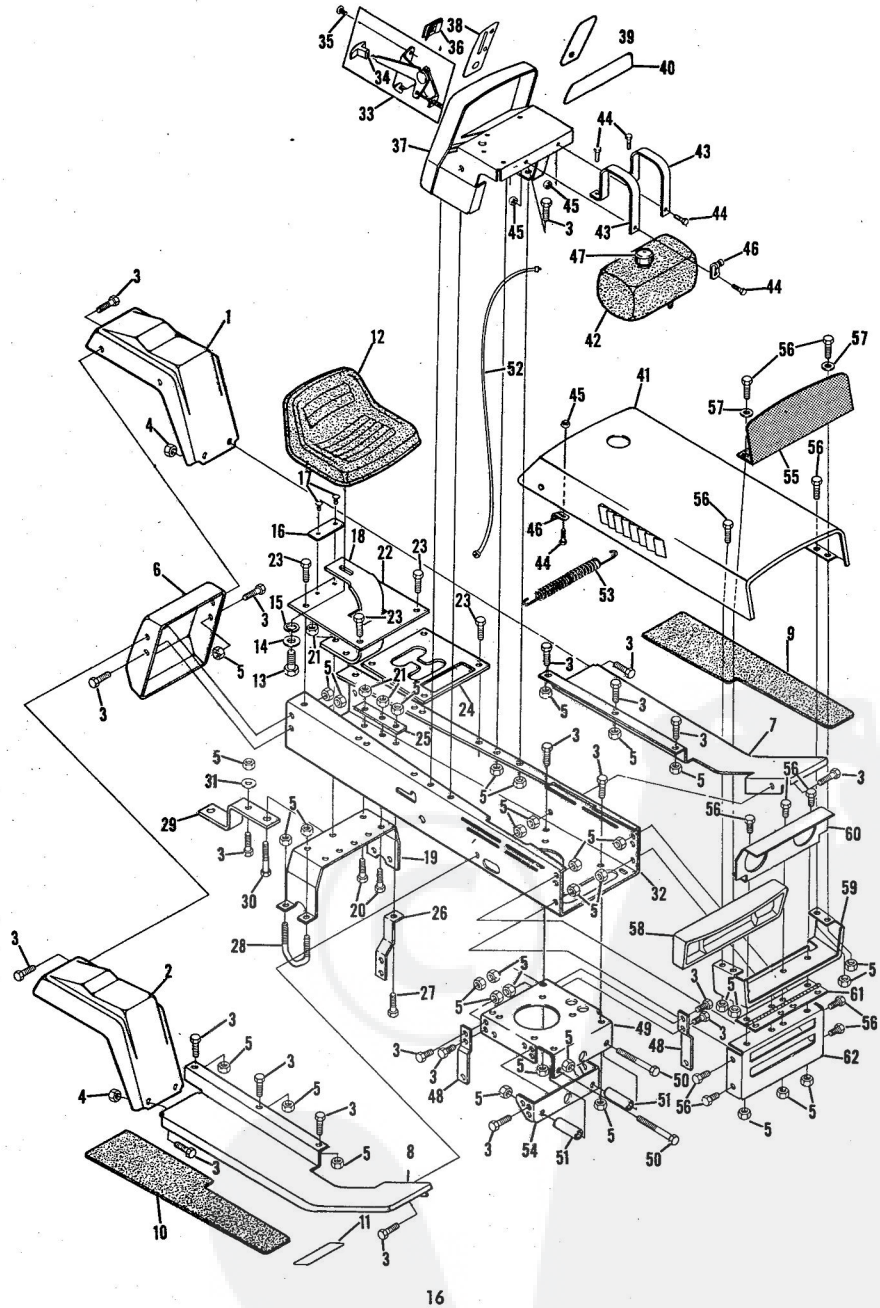
CAUTION: Read rules for safe operation and all instructions carefully.

- ASSEMBLY
- OPERATING
- MAINTENANCE
- REPAIR PARTS

ROPER SALES CORP.

1905 W. COURT ST. / KANKAKEE, ILLINOIS 60901

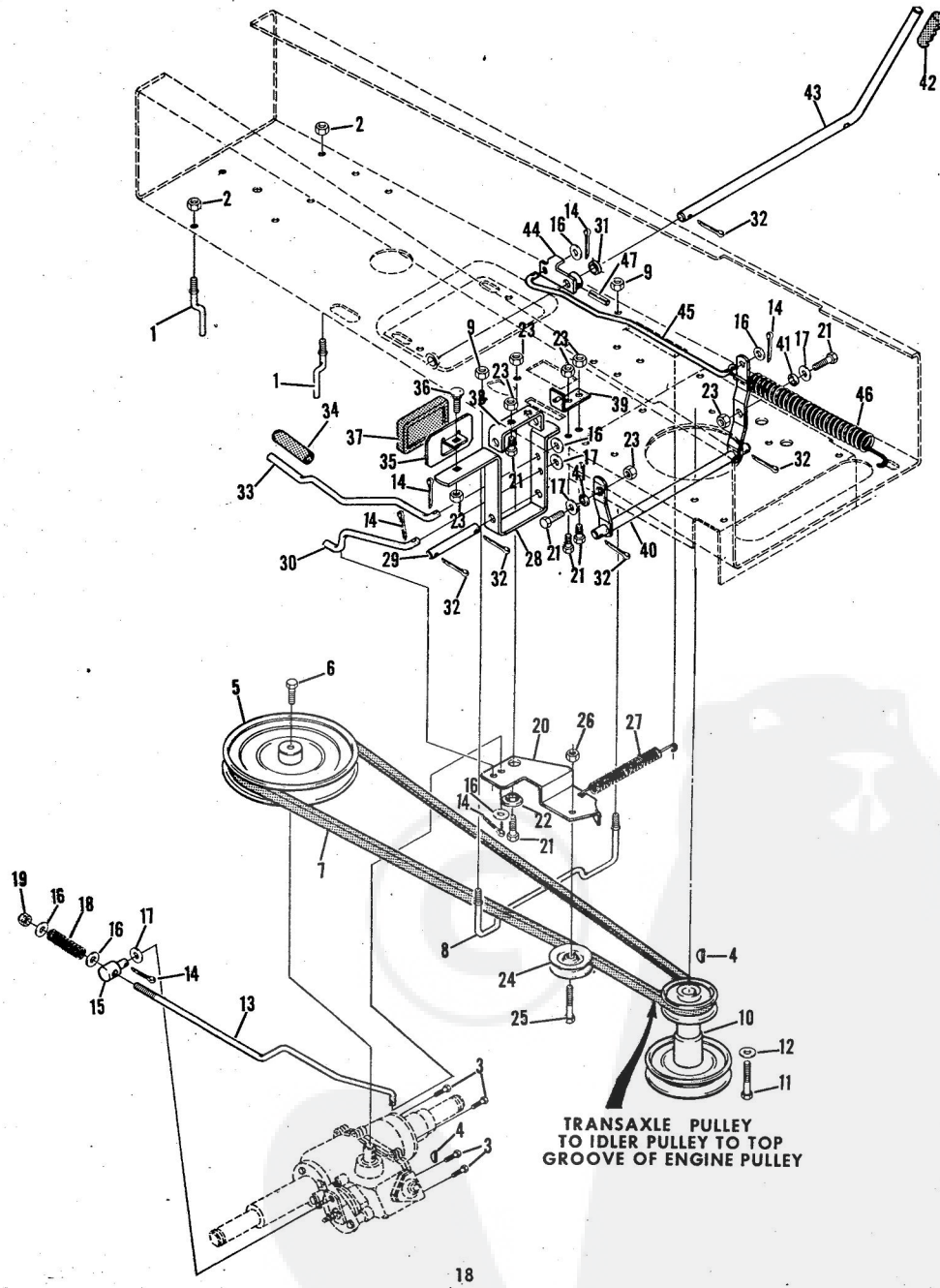
ROPER 36" RIDING LAWN MOWER MODEL NUMBER L82146R



ROPER 36" RIDING LAWN MOWER MODEL NUMBER L82146R

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
1	371214	Fender - L.H.	33	371676	Remote Control Assembly (Incl. Ref. #34)
2	371215	Fender - R.H.	34	361159	Knob - Remote Control
3	351630	Bolt, Hex Head 5/16-18 x 3/4	35	341945	Screw, Machine Phil. #10-24 x 1/2
4	365221	Nut, Keps 5/16-18	36	360891	Nut, Speed #10-24
5	368478	Nut, Lock 5/16-18	37	371249	Dash - Assembly
6	371216	Rear Cover Assembly	38	371695	Decal - Dash - R.H.
7	371212	Foot Rest - L.H.	39	372098	Decal - Dash - L.H.
8	371213	Foot Rest - R.H.	40	371697	Decal - Dash - Instructions
9	371271	Foot Rest Pad - L.H.	41	371941	Hood Assembly
10	371272	Foot Rest Pad - R.H.	42	371254	Fuel Tank
11	368306	Decal - Clutch and Brake	43	371255	Clamp - Fuel Tank
12	378923	Seat Assembly	44	357968	Bolt, Hex Head 1/4-20 x 3/4
13	359095	Bolt, Hex Head 1/2-13 x 1	45	363601	Nut, Lock 1/4-20
14	353084	Washer, Flat Steel .531-1.187 x 1.27	46	372012	Clevis Lanyard
15	318810	Washer, Lock 1/2	47	371256	Fuel Cap
16	371924	Number Plate	48	371190	Brake Rod Bracket
17	354562	Screw, Self-Tapping #10-24 x 3/8	49	371177	Engine Base
18	371196	Seat Spring	50	353984	Bolt, Hex Head 5/16-18 x 2 3/4
19	371197	Transaxle Support	51	371431	Spacer
20	364605	Bolt, Hex Head 3/8-16 x 1	52	372011	Hood Cable
21	365543	Nut, Lock 3/8-16	53	372004	Spring
22	371261	Cover Plate	54	371178	Rocker Bar Support
23	371263	Screw, Hex Head Thread Cutting 5/16-18 x 1/2	55	371913	Hood Insert
24	371262	Chassis Cover	56	351447	Screw, Hex Head 5/16-18 x 7/8
25	371507	Support	57	350806	Washer, Flat Steel .328-.750 x .063
26	371198	Axle Strap	58	371914	Headlight Panel
27	353068	Bolt, Hex Head 5/16-18 x 1	59	371911	Panel Frame
28	371606	Clamp	60	371915	Headlight Support
29	371205	Tow Hitch	61	371928	Hinge
30	365542	Bolt, Hex Head 3/8-16 x 1 1/2	62	371910	Grill Frame - Lower
31	362735	Washer, Flat Steel .375-1.250 x .201			
32	371176	Chassis			

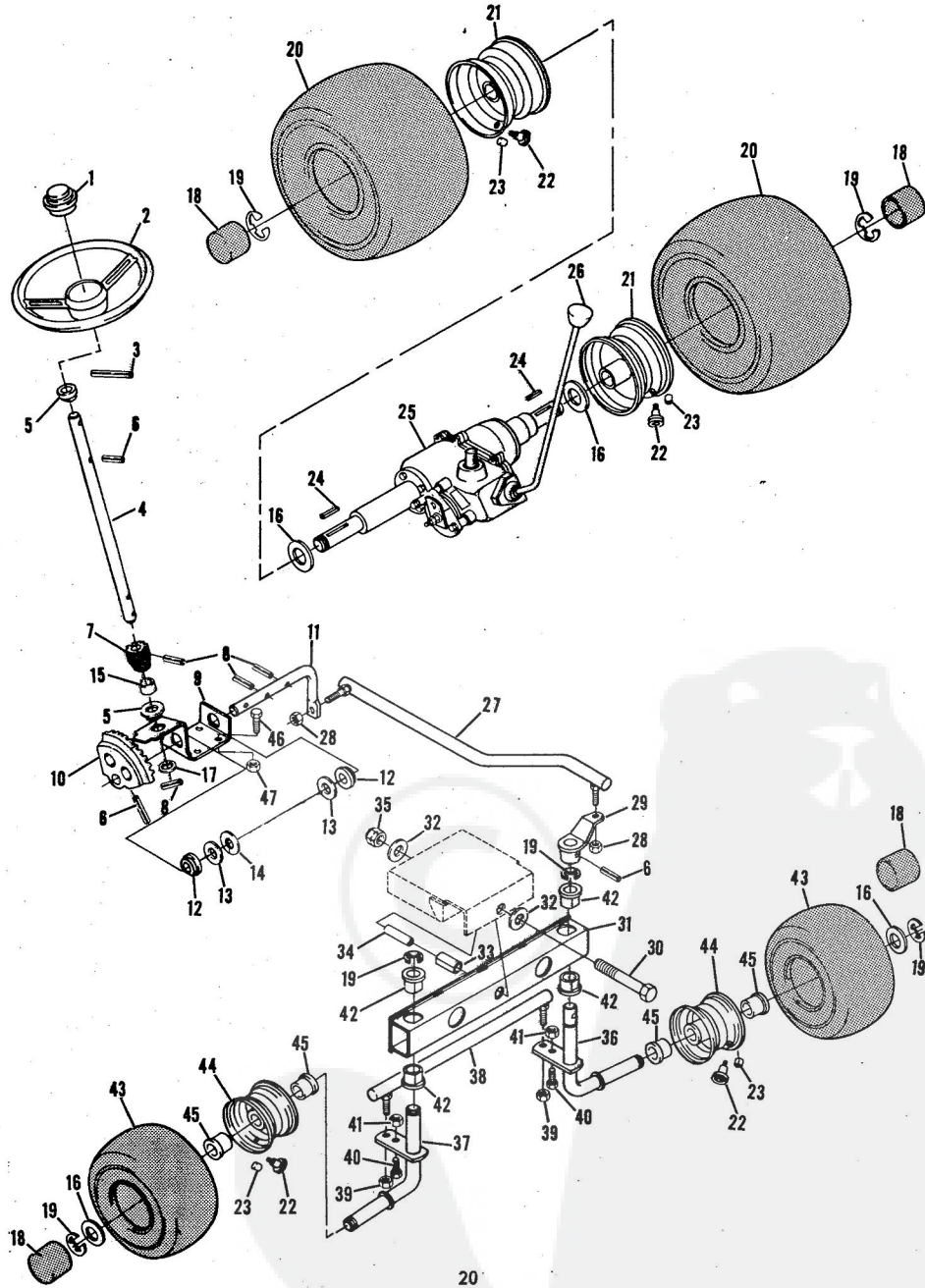
ROPER 36" RIDING LAWN MOWER MODEL NUMBER L82146R



ROPER 36" RIDING LAWN MOWER MODEL NUMBER L82146R

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
1	371200	Belt Guide	23	368478	Nut, Lock 5/16-18
2	354922	Nut, Keps 5/16-18	24	367400	Idler Pulley
3	368205	Screw, Hex Head w/Washer 5/16-18 x 7/8	25	365542	Bolt, Hex Head 3/8-16 x 1 1/2
4	365053	Key, Woodruff #6	26	365543	Nut, Lock 3/8-16
5	371234	Pulley	27	367610	Idler Spring
6	357917	Screw, Hex Head 1/4-20 x 3/4	28	371221	Foot Pedal
7	371240	Belt	29	371223	Pedal Shaft
8	371241	Mid Belt Guide	30	371224	Clutch Rod
9	355615	Nut, Keps 3/8-16	31	353632	Washer, Flat Steel .531-1 x .063
10	371923	Pulley - Engine	32	32654	Cotter Pin 3/4
11	368874	Screw, Machine w/Washer Nylon 3/8-24 x 1 3/8	33	371225	Park Brake Rod
12	362735	Washer, Flat Steel .375-1.250 x .201	34	371226	Grip
13	371237	Brake Rod	35	371222	Pedal Plate
14	32947	Cotter Pin 3/4	36	359476	Bolt, Carriage 5/16-18 x 3/4
15	371238	Trunnion	37	367365	Foot Pad
16	353998	Washer, Flat Steel .406-.750 x .063	38	371199	Pedal Bracket
17	350806	Washer, Flat Steel .328-.750 x .063	39	371204	Switch Bracket
18	371239	Brake Spring	40	371191	Clutch Arm Assembly
19	362336	Nut, Lock 3/8-16	41	371195	Spacer
20	371201	Idler Bracket	42	371246	Grip
21	351630	Bolt, Hex Head 5/16-18 x 3/4	43	371242	Clutch Handle
22	371202	Bushing	44	371243	Clutch Arm Assembly
			45	371247	Blade Clutch Rod
			46	371248	Spring
			47	352379	Spring Pin 3/16 x 1

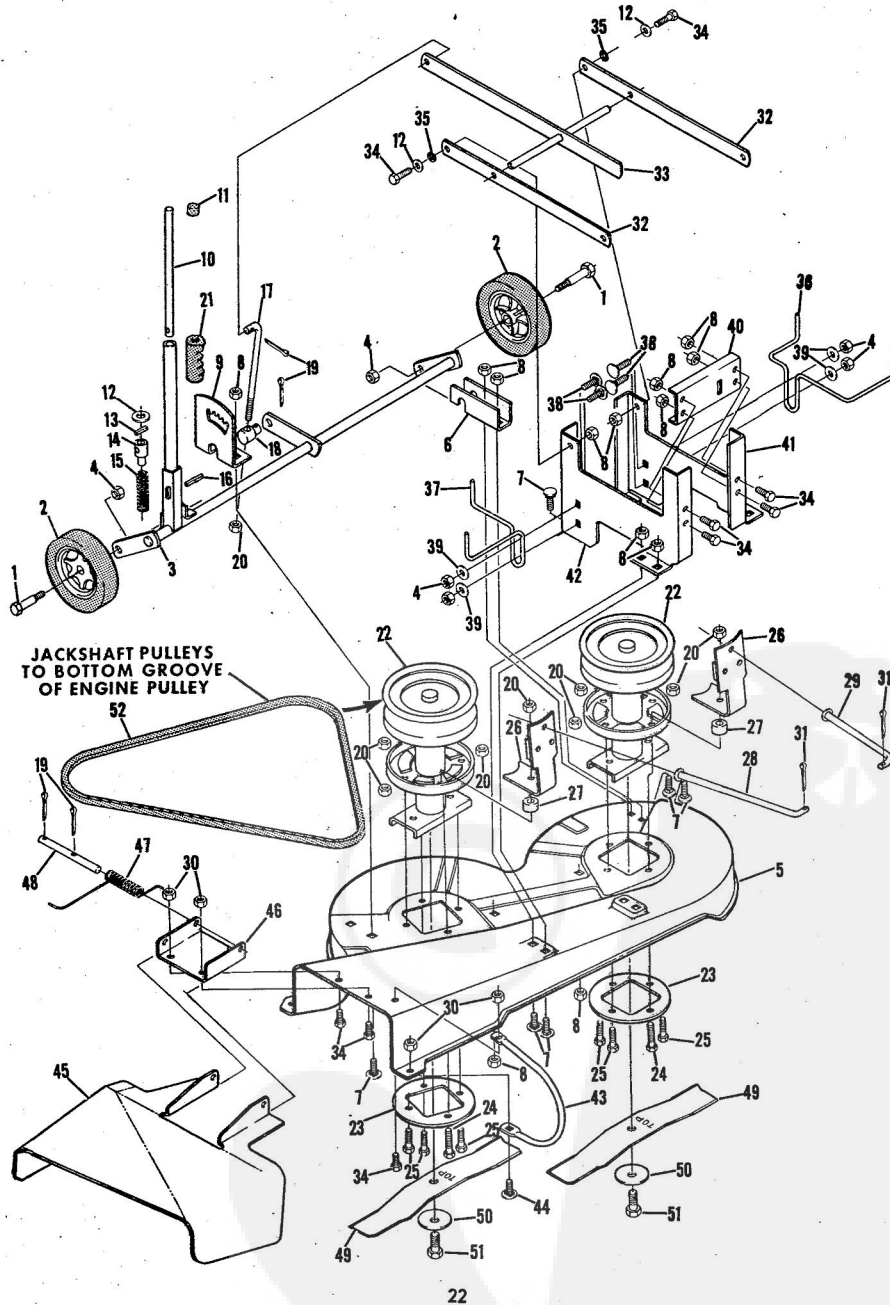
ROPER 36" RIDING LAWN MOWER MODEL NUMBER L82146R



ROPER 36" RIDING LAWN MOWER MODEL NUMBER L82146R

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
1	371939	Insert Cap	25	794126	Transaxle Assembly (See Page 26 and 27) Tecumseh Products Company Model 143.649
2	371935	Steering Wheel			
3	360785	Spring Pin 1/4 x 1 1/4	26	371267	Knob
4	371209	Steering Shaft	27	371219	Drag Link
5	371210	Bushing	28	361342	Nut, Hex 3/8-24
6	362079	Spring Pin 1/4 x 1 1/4	29	371185	Steering Arm Assembly
7	371171	Pinion Gear	30	364606	Bolt, Hex Head 1/2-13 x 3
8	352379	Spring Pin 3/16 x 1	31	371179	Rocker Bar Assembly
9	371206	Steering Bracket	32	359164	Washer, Flat Steel .515-7/8 x .063
10	371172	Gear	33	367151	Rocker Bar Pivot
11	371207	Steering Rod	34	371188	Pivot Spacer
12	371208	Bushing	35	360249	Nut, Lock 1/2-13
13	353462	Washer, Flat Steel .656-1.250 x .093	36	371183	Kingpin Assembly - L.H.
14	353848	Washer, Flat Steel .630-1 x .031	37	371184	Kingpin Assembly - R.H.
15	371211	Shaft Spacer	38	371189	Tie Rod
16	352966	Washer, Flat Steel .765-1.250 x .060 (R.R.-L.R. - R.F.-L.F.)	39	367892	Nut, Lock 5/16-24 (R.F.-L.F.)
17	359307	Washer, Flat Steel .750-1.375 x .110	40	355912	Bolt, Hex Head 3/8-16 x 3/4 (R.F.-L.F.)
18	371259	Hub Cap (R.R.-L.R. - R.F.-L.F.)	41	362336	Nut, Lock 3/8-16 (R.F.-L.F.)
19	352913	E-Ring 3/4 Shaft (R.R.-L.R. - R.F.-L.F.)	42	371182	Bearing - Kingpin (R.F.-L.F.)
20	371653	Tire (18 x 9.50 x 8) (R.R.-L.R.)	43	371651	Tire (15 x 6.00 x 6) (R.F.-L.F.)
21	371652	Rim (R.R.-L.R.)	44	371650	Rim (R.F.-L.F.) (Incl. Ref. #45)
22	365139	Valve Stem (R.R.-L.R. - R.F.-L.F.)	45	366506	Bearing (R.F.-L.F.)
23	359192	Valve Cap (R.R.-L.R. - R.F.-L.F.)	46	351630	Bolt, Hex Head 5/16-18 x 3/4
24	366414	Square Key 3/16 x 2	47	368478	Nut, Lock 5/16-18

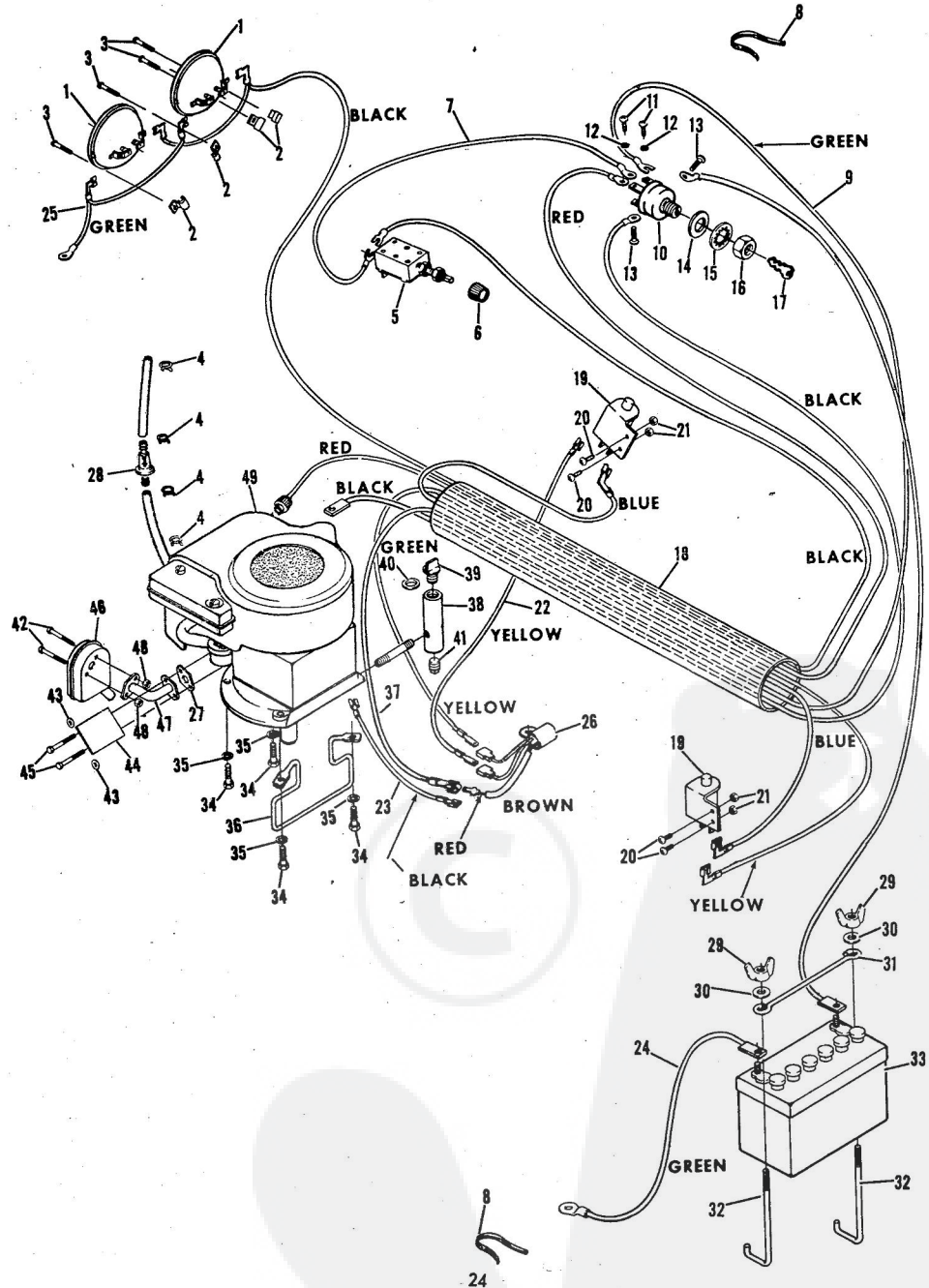
ROPER 36" RIDING LAWN MOWER MODEL NUMBER L82146R



ROPER 36" RIDING LAWN MOWER MODEL NUMBER L82146R

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
1	360838	Axle Bolt (Special)	28	371524	Blade Brake Rod - R.H.
2	363655	Gauge Wheel	29	371525	Blade Brake Rod - L.H.
3	371671	Pivot Rod Assembly	30	363124	Nut, Lock 5/16-18
4	365543	Nut, Nylok 3/8-16	31	32655	Cotter Pin 1/8 x 1
5	371730	Housing w/Silk Screening	32	371297	Parallel Link
6	367337	Pivot Rod Support	33	371294	Parallel Rod Assembly
7	366238	Bolt, Carriage 5/16-18 x 5/8	34	351630	Bolt, Hex Head 5/16-18 x 3/4
8	368478	Nut, Lock 5/16-18	35	371616	Spacer
9	371659	Quadrant	36	371298	Belt Keeper - L.H.
10	371661	Rod	37	371299	Belt Keeper - R.H.
11	371673	Plunger Cap	38	361306	Bolt, Carriage 3/8-16 x 3/4
12	350806	Washer, Flat Steel .328-.750 x .063	39	354005	Washer, Flat Steel .405-.860 x .095
13	352870	Spring Pin 1/8 x 5/8	40	371278	Channel
14	371658	Plunger	41	371276	Housing Bracket - L.H.
15	371669	Spring	42	371277	Housing Bracket - R.H.
16	354960	Spring Pin 1/4 x 1 1/2	43	371647	Skid
17	371300	Adjustment Rod	44	359476	Bolt, Carriage 5/16-18 x 3/4
18	371301	Trunnion	45	371529	Discharge Guard
19	32947	Cotter Pin 3/4	46	371528	Bracket - Discharge Guard
20	362336	Nut, Lock 3/8-16	47	371526	Spring - Discharge
21	371672	Grip	48	371555	Hinge Rod
22	371275	Jackshaft Assembly	49	371285	Blade
23	371575	Plate	50	367354	Washer, Flat Steel .390-2.38 x .156
24	365542	Screw, Hex Head 1/4-20 x 1 1/2	51	367676	Screw, Machine w/Lock Washer Nylon 3/8-24 x 7/8
25	364605	Bolt, Hex Head 3/8-16 x 1	52	362828	Belt
26	371523	Brake Spring Assembly			
27	371522	Spacer			

ROPER 36" RIDING LAWN MOWER MODEL NUMBER L82146R

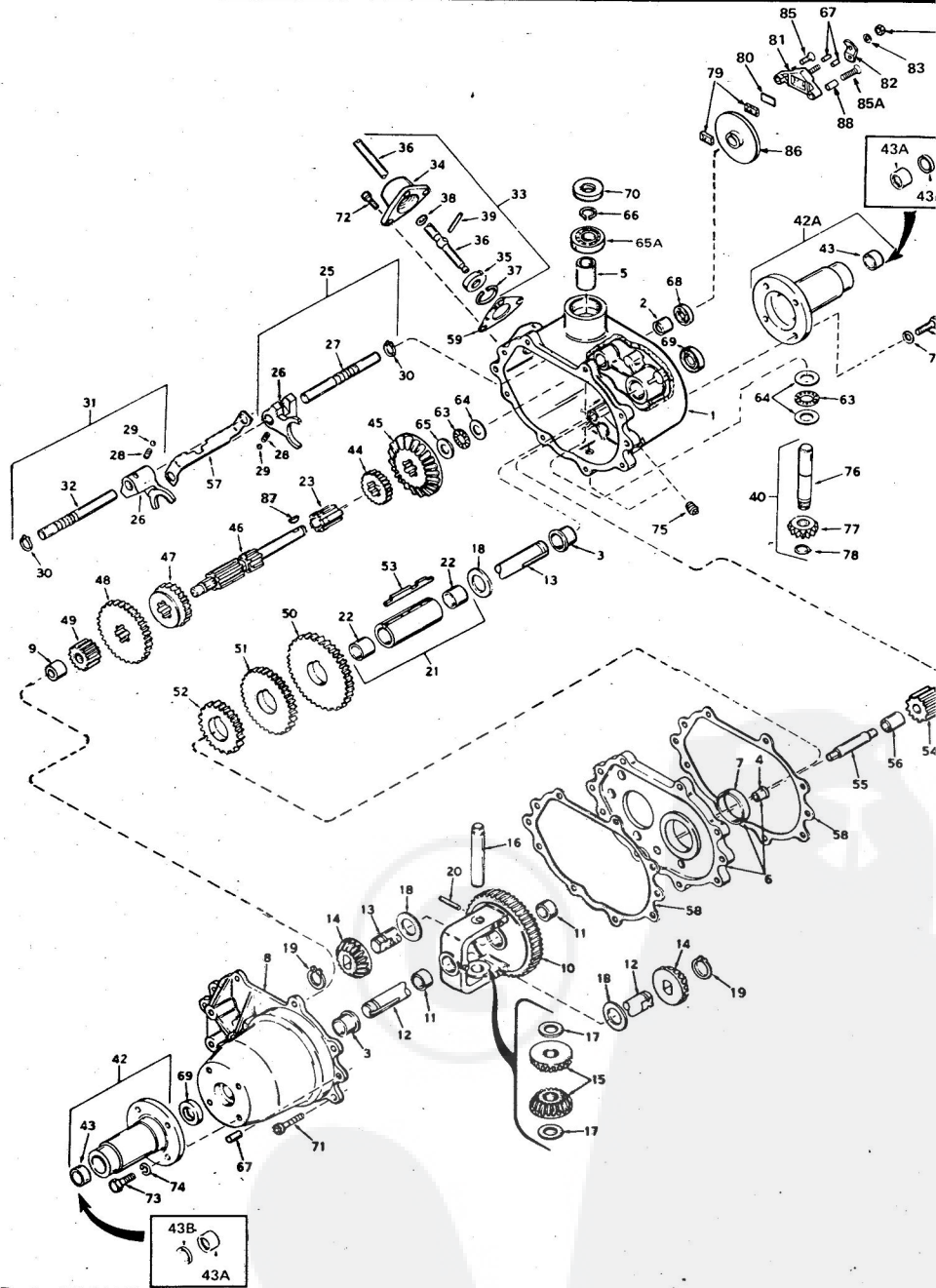


ROPER 36" RIDING LAWN MOWER MODEL NUMBER L82146R

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
1	360941	Bulb - Headlight Sealed Beam #4406	27	372144	Exhaust Gasket
2	370467	Headlight Support Bracket	28	371979	Fuel Filter
3	336953	Screw, Thread Cutting #10-24 x 5/8	29	352231	Nut, Wing 1/4-20
4	362707	Hose Clamp	30	353847	Washer, Flat Steel .265-.750 x .063
5	365061	Light Switch (Incl. Ref. #6)	31	367187	Battery Rod
6	368058	Knob, Switch	32	370456	Battery Bolt
7	364903	Wire Assembly	33	370372	Battery Pack
8	343174	Wire Tie	34	371232	Screw, Hex Head Thread Form 3/8-16 x 1 1/4
9	371719	Wire Assembly	35	350902	Washer, Lock 3/8
10	371670	Ignition Switch (Incl. Ref. #11, 12, 13, 15, 16, 17)	36	371231	Belt Keeper
11	360949	Screw, Machine #8-32 x 1/4	37	371382	Pipe Nipple
12	367757	Washer, Lock Internal Tooth #10	38	371381	Oil Fitting
13	367756	Screw, #10-32 x .31	39	371678	Plug, Oil Filler
14	353848	Washer, Flat Steel .640-1 x .063	40	371679	Washer, Oil Fill
15	367758	Washer, Lock Internal Tooth 5/8	41		Plug Drain (See Engine Parts List)
16	367759	Nut, Hex 5/8 x 32	42	353984	Bolt, Hex Head 5/16-18 x 2 3/4
17	367760	Key Set (Pair)	43	35081	Lock Washer 3/8
18	371927	Wire Harness	44	372112	Heat Shield
19	371220	Switch - Interlock	45	370541	Screw, Machine Hex Head 1/4-20 x 5/8
20	361307	Screw, Hex Head Tapping #10-24 x 1/2	46	370458	Muffler
21	354509	Nut, Keps #10-24	47	372110	Muffler Extension Assembly
22	371521	Wire Assembly	48	354922	Nut, Keps 5/16-18
23	368401	Wire Assembly	49		Engine - Model 191707
24	371717	Wire Assembly			Briggs and Stratton (8.0 H.P.)
25	371706	Wire Assembly		372080	Parts List - Owner's Manual
26	371984	Relay Module			

TRANSAXLE NO. 794126

MODEL NUMBER: 143.64



Revised 8-24-73

TRANSAXLE NO. 794126

Ref. No.	Part No.	Part Name
1	794126 770063	Complete Transaxle Case Assy., Transaxle (Incl. Nos. 2, 3 & 5)
2	780086	Bearing, Needle
3	780059	Bearing, Bronze
4	780060	Bearing, Bronze
5	780061	Bearing, Bronze
6	786033	Plate Assy., Center (Incl. Nos. 4 & 7)
7	780062	Bearing, Bronze
8	772042	Cover Assy., Transaxle (Incl. Nos. 3 & 9)
9	780063	Bearing, Needle
10	778053	Gear Assy., Differential (Incl. No. 11)
11	780064	Bearing, Bronze
12	774221	Axle, Left hand
13	774220	Axle, Right hand
14	778067	Gear, Bevel
15	778068	Pinion, Bevel
16	786034	Pin, Drive
17	780065	Washer, Thrust
18	780001	Washer, Thrust
19	788038	Ring, Snap
20	792040	Pin, Roll
21	786035	Sleeve Assy., Countershaft (Incl. No. 22)
22	780066	Bearing, Bronze
23	776090	Shaft, Idler
25	784079	Rod Assy., Shift (1st & Rev.) (Incl. Nos. 26 thru 30)
26	784004	Fork, Shift
27	784083	Rod, Shift
28	792003	Spring
29	792004	Ball, Steel
30	792017	Ring, Snap
31	784084	Rod Assy., Shift (2nd & 3rd) (Incl. Nos. 26, 28, 29, 30 & 32)
32	784085	Rod, Shift
33	784264	Lever & Housing Assy., Shift (Incl. Nos. 34 thru 39)
34	784088	Housing, Shift lever
35	784094	Keeper, Shift lever
36	784265	Lever, Shift
37	792016	Ring, Snap
38	792001	Ring, Quad
39	792049	Pin, Drive
40	776102	Shaft & Gear Assy., Input (Incl. Nos. 76, 77 & 78)
42	782036A	Housing Assy., Axle (Incl. No. 43)
42A	782043	Housing Assy., Axle (Incl. No. 43)
43	780091	Bearing & Seal Assy., Needle (See Note 1)
43A	530105	Bearing, Needle
43B	788042	Seal, Oil

MODEL NUMBER: 143.649

Ref. No.	Part No.	Part Name
44	778024	Gear (16 teeth)
45	778057	Gear, Bevel (33 teeth)
46	776138	Shaft, Shifter & Brake
47	778058	Gear, Shifting (2nd & 3rd)
48	778059	Gear, Shifting (1st & Rev.)
49	778060	Gear, Spur (12 teeth)
50	778061	Gear, Countershaft drive (39 teeth)
51	778062	Gear, Countershaft (34 teeth)
52	778063	Gear, Countershaft (25 teeth)
53	792034A	Key, Countershaft
54	778064	Gear, Reverse Idler
55	776057	Shaft, Reverse Idler
56	786036	Spacer, Reverse Idler
57	784087	Stop, Shifter
58	788033	Gasket, Case & Cover
59	788003	Gasket, Shift lever housing
63	780071	Bearing, Thrust
64	780072	Washer, Thrust
65	780073	Washer, Thrust
65A	780093	Bearing, Ball
66	792035	Ring, Snap
67	786026	Pin, Dowel
68	788043	Seal, Oil
69	788009	Seal, Oil
70	788035	Seal, Oil
71	792036	Screw, Flanged hex hd., 1/4-20 x 1-1/4
72	792007	Screw, Socket hd. cap, 1/4-20 x 3/4
73	792037	Screw, Hex hd., 5/16-18 x 1
74	792029	Lockwasher, 5/16"
75	792039	Plug, Pipe, 1/8"
76	776103	Shaft, Input
77	778077	Pinion, Input
78	788040	Ring, Retaining
79	790006	Pad, Brake
80	790007	Plate, Brake pad
81	790005	Holder, Brake pad
82	790004	Lever, Brake
83	792076	Washer, Flat
84	792075	Nut, Lock
85	792073	Screw, Hex hd. cap, 1/4-20 x 1-1/4 thr'd forming
85A	792085	Screw, Hex hd. cap, 1/4-20 x 2-1/4 thr'd forming
86	790009	Disk, Brake
87	792045	Key, Woodruff No. 61
88	786066	Spacer

NOTE 1: The No. 780091
bearing and seal assy. can be
used interchangeably with
the separate No. 530105
bearing and the separate No.
788042 seal.