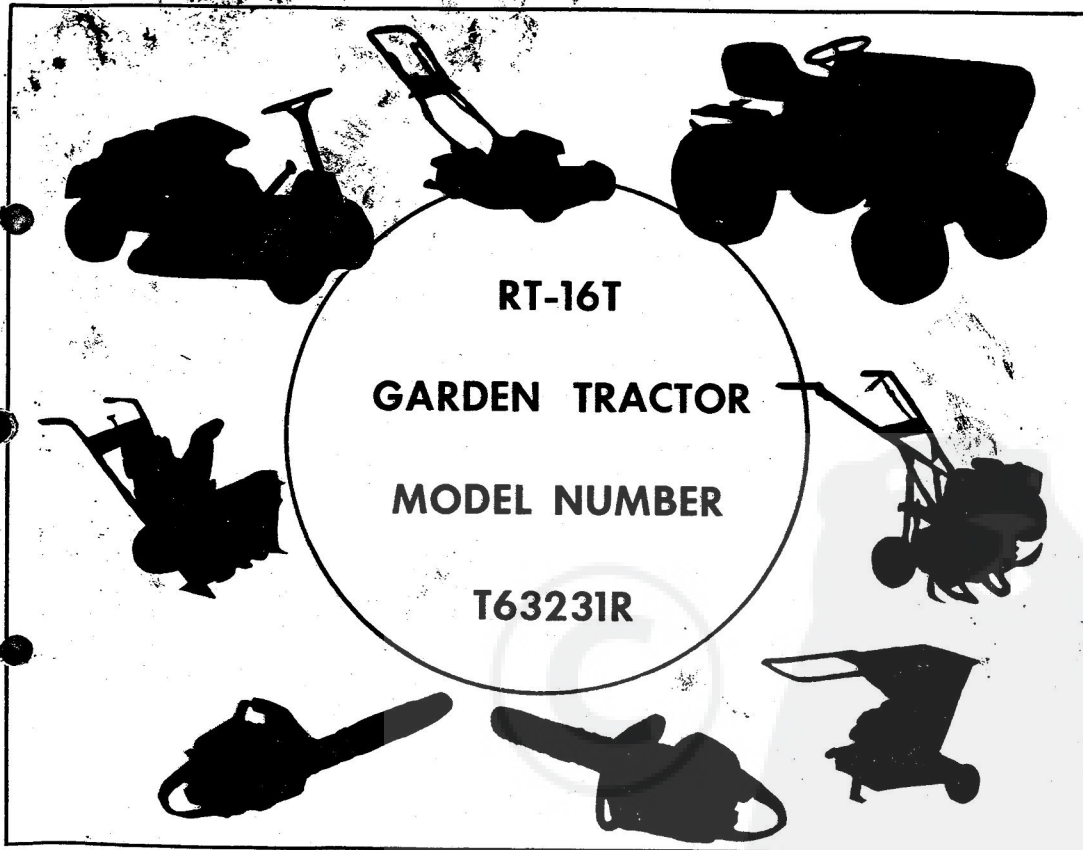


ROPER

**OUTDOOR POWER EQUIPMENT
OWNER'S MANUAL**



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

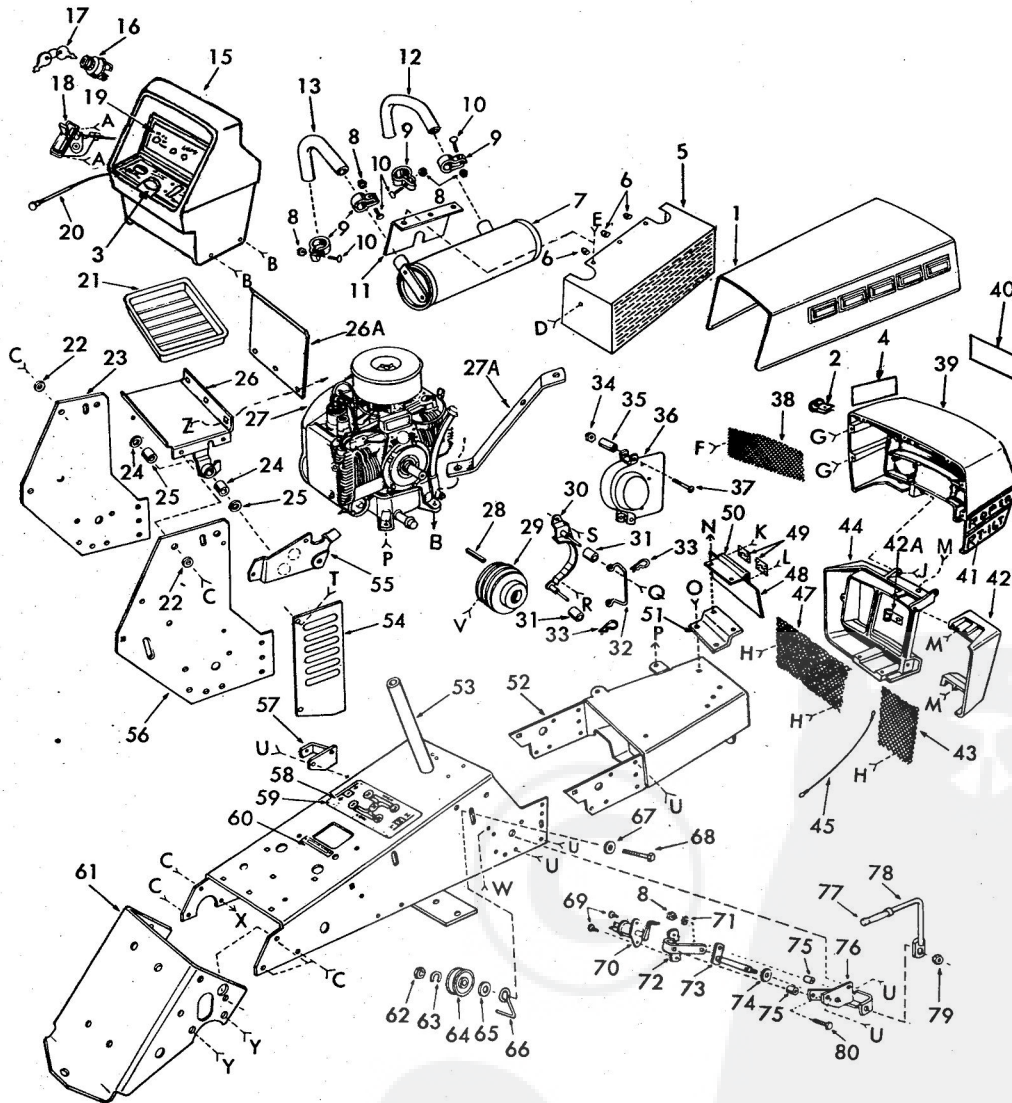
- ASSEMBLY
- OPERATING
- MAINTENANCE
- REPAIR PARTS

3648R

ROPER SALES CORP.
1905 W. COURT ST. / KANKAKEE, ILLINOIS 60901

repair parts

RT-16T TRACTOR--MODEL NUMBER T63231R



A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
81	82	22	83	71	81	86	87	85	86	86	88	88	88	83	22	83	83	83	83	83	83	89	90
	83	84			86				8	8	8	8	8	84	84	84			84	84			
	84				87																		

3648R-6.6.73

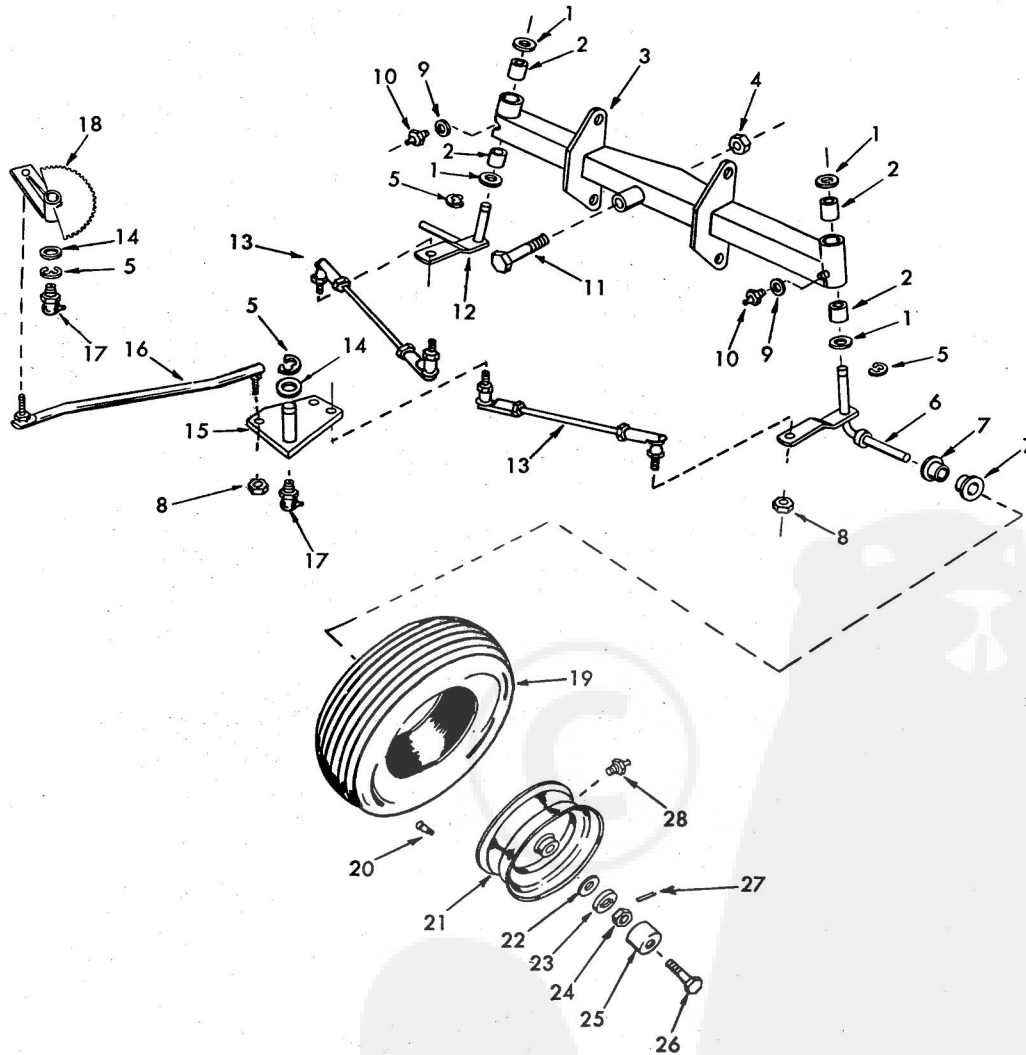
repair parts

RT-16T TRACTOR--MODEL NUMBER T63231R

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	634A551	Hood Assembly	59	9521H	Drive Rivet
2	4171R	Insulated Clip	60	-----	Model Plate
3	4107R	Lower Dash	61	634A101	Drawbar & Weldnuts
4	3640R	Grill L.H. (Roper RT-16T)	62	500P	Hex Nut 7/16-14
5	634A549	Muffler Guard Assembly	63	1001P	Lockwasher 7/16
6	3531R	J-Clip	64	6635H	Flat Idler
7	2695R	Muffler	65	1520P	Washer .469 I.D. x 1 1/8 x 11 Ga.
8	504P	Hex Nut 5/16-18	66	6479H1	Belt Guide Finger
9	582R	Clamp-1 3/8 (Includes #8 & 10)	67	1518P	Washer 15/32 x 11/16 x 16 Ga.
10	3012P	Hex Bolt 5/16-18 x 1 1/4	68	3262P	Hex Bolt 7/16-14 x 2 1/2
11	3494R	Heat Shield-Carburetor	69	5501P	Pan Hd. Phillips Thread Cutting Screw #10-24 x 3/8 Type T
12	2697R	Exhaust Manifold-Front	70	2249R	Safety Switch
13	2696R	Exhaust Manifold-Rear	71	1003P	5/16 Lockwasher
15	4038R	Dashboard	72	634A492	Switch Bracket Assy.
16	2683R	Ignition Switch (Includes Item #17)	73	634A491	Belt Tightener Arm & Idler Shaft
17	7552H	Key Set	74	5999H	Spring Washer
18	2682R	Remote Control-Throttle	75	1689E	Bushing
19	4106R	Decal-Upper Dash	76	634A494	Hanger Weldment-R.H. Front
20	2754R	Choke Control	77	4379H	Handle Grip
21	2686R	Battery Tray	78	634A493	Blade Clutch Handle Assy.
22	1513P	Washer 13/32 x 13/16 x 16 Ga.	79	511P	Nylock Nut 3/8-24
23	2671R	Bracket-Battery Support L.H.	80	3013P	Hex Bolt 5/16-18 x 1 1/2
24	1545P	Washer 17/32 x 1 x 16 Ga.	81	1002P	Lockwasher 1/4
25	2689R	Bearing	82	1506P	Washer 9/32 x 5/8 x 16 Ga.
26	634A523	Battery Support & Idler Support w/Bearings	83	1004P	Lockwasher 3/8
26A	4104R	Battery Heat Shield	84	501P	Hex Nut 3/8-16
27	BF-MS	Engine 16 H.P. (Twin Cyl)	85	1605H	Locknut 1/4-20
	2493A		86	1006P	Lockwasher #10
27A	4394R	Grill Brace	87	505P	Hex Mach. Screw Nut #10-24
28	9396E	Sq. Key 1/4 x 2	88	1003P	Lockwasher 5/16
29	634A104	Engine Pulley w/Set Screws	89	5394H	Locknut 3/8-16
30	634A527	Belt Guide Weldment	90	1001P	Lockwasher 7/16
31	8704H1	Spacer	A	503P	Hex Nut 1/4-20
32	9011H	Belt Retainer	B	3027P	Hex Bolt 3/8-16 x 1 1/2
33	4939M	Retainer Spring	C	3023P	Hex Bolt 3/8-16 x 1
34	347H	Huglock Nut 1/4-20	D	3008P	Hex Bolt 5/16-18 x 1/2
35	8238H	Split Spacer	E	3253P	Slotted Truss Hd. Mach. Screw 1/4-20 x 1/2
36	634A390	Belt Guide Weldment	F	5554P	Phillips Pan Hd. Thrd. Cutting Screw #10-16 x 1/2
37	3154P	Slotted Fillister Hd. Mach. Screw 1/4-20 x 2 1/4	G	503P	Hex Nut 1/4-20
38	3631R	Grill Screen-Upper	H	5564P	Phillips Pan Hd. Thrd. Cutting Screw #10-24 x 1/2
39	3632R	Grill-Upper	J	3267P	Hex Bolt 1/4-20 x 1 1/2 H.T.
40	3559R	Decal-Grill Front (Roper)	K	3122P	Slotted Truss Hd. Mach. Screw #10-24 x 3/8
41	3639R	Decal-Grill R.H. (Roper RT-16T)	L	505P	Hex Mach. Screw Nut #10-24
42	2678R	Grill Side	M	3010P	Hex Bolt 5/16-18 x 3/4
42A	4171R	Insulated Clip	N	3159P	Hex Bolt 5/16-18 x 7/8
43	2673R	Grill Screen-R.H.	O	17P	Carriage Bolt 5/16-18 x 1
44	2677R	Grill-Lower	P	3025P	Hex Bolt 3/8-16 x 1 1/4
45	3747R	Grill Cable	Q	3022P	Hex Bolt 3/8-16 x 7/8
47	2674R	Grill Screen-L.H.	R	501P	Hex Nut 3/8-16
48	634A28	Front Channel Cover & Weld Bolts	S	3023P	Hex Bolt 3/8-16 x 1
49	6485H	Hinge	T	5557P	Hex Washer Hd. Thrd. Cutting Screw 1/4-20 x 1/2 Type 1
50	2752R	Front Channel Cover Support	U	3025P	Hex Bolt 3/8-16 x 1 1/4
51	2665R	Grill Spacer	V	4514P	Hex Socket Hdless Set Screw 5/16-18 x 5/8
52	634A531	Engine Mount Assy.	W	28P	Carriage Bolt 3/8-16 x 1
53	634A543	Chassis Assy w/Bearings	X	3021P	Hex Bolt 3/8-16 x 3/4
54	2655R	Cover R.H.	Y	3035P	Hex Bolt 7/16-14 x 1 1/4
55	634A518	Idler Bracket Weldment	Z	53P	Carriage Bolt #10-24 x 1/2
56	2670R	Bracket-Battery Support R.H.	---	3648R	Owners Manual
57	634A355	Hanger Weldment L.H. Front			
58	2702R	Shift Pattern Plate			

repair parts

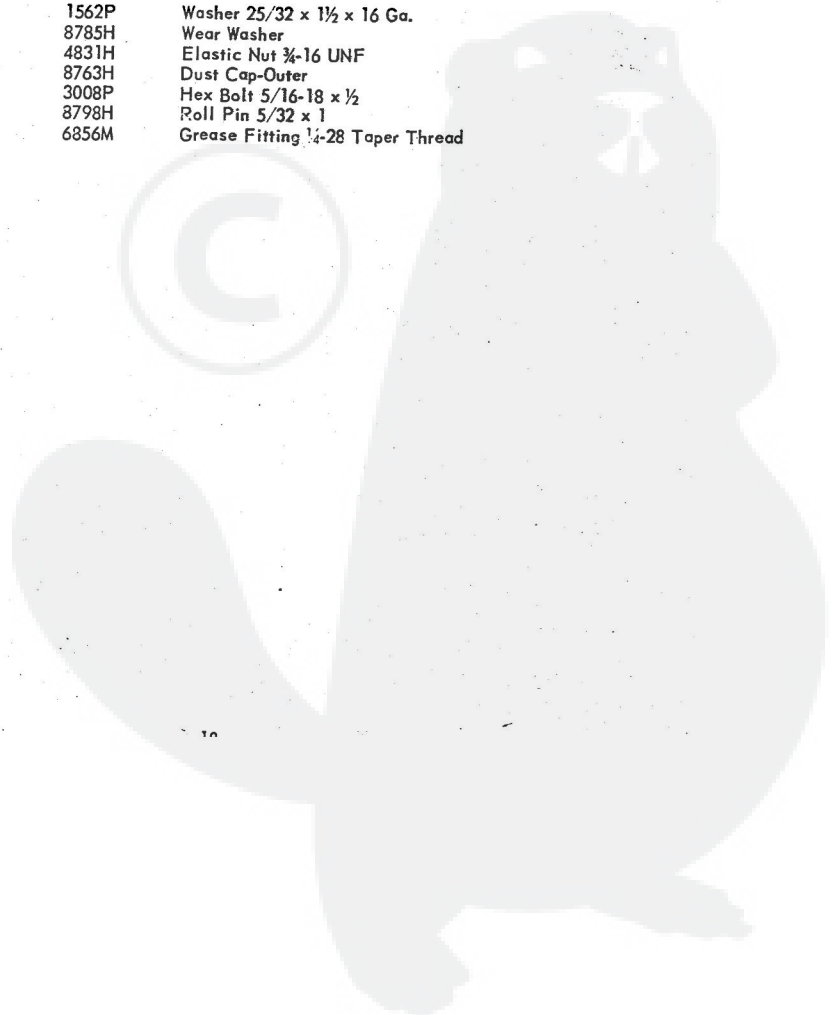
RT-16T TRACTOR--MODEL NUMBER T63231R



repair parts

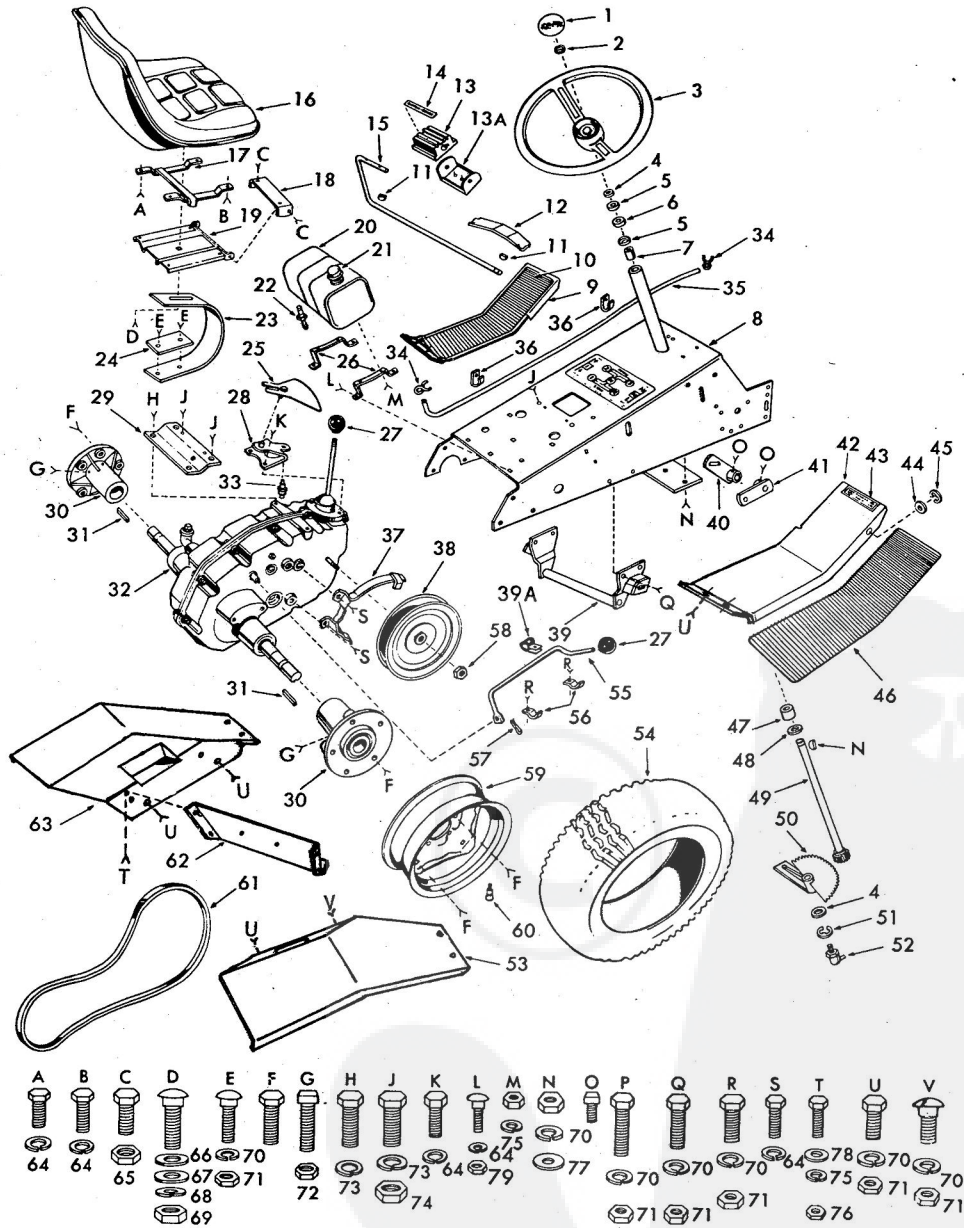
RT-16T TRACTOR--MODEL NUMBER T63231R

KEY NO.	PART NO.	DESCRIPTION
1	1528P	Washer 13/16 x 1 1/4 x 14 Ga.
2	1309H	Bearing
3	634A521	Front Axle with Bearings (Inc. Key No. 2)
4	4764H	Huglock Nut 5/8-11 UNC
5	5000P	E-Ring
6	634A277	Spindle Complete-R.H.
7	9040H	Flanged Bearing
8	511P	Nylock Nut, 3/8-24 UNF
9	1505P	Washer 9/32 x 1/2 x 14 Ga.
10	6855M	Grease Fitting
11	2699R	Hex Bolt
12	634A278	Spindle Complete-L.H.
13	1808R	Tie Rod and Joints
14	1552P	Washer 49/64 x 1 1/4 x 16 Ga.
15	634A98	Steering Bell Crank Weldment
16	9318H	Drag Link and Joints
17	6842M	Grease Fitting
18	634A95	Steering Gear Sector and Arm
19	3938R	Front Tire-Tubeless
20	795R	Tire Valve
21	2168R	Front Wheel
22	1562P	Washer 25/32 x 1 1/2 x 16 Ga.
23	8785H	Wear Washer
24	4831H	Elastic Nut 3/4-16 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	6856M	Grease Fitting 1/4-28 Taper Thread



repair parts

RT-16T TRACTOR--MODEL NUMBER T63231R



repair parts

RT-16T TRACTOR--MODEL NUMBERT63231R

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	3645R	Steering Wheel Cap	51	5000P	E-Ring
2	5003P	E-Ring	52	6842M	Grease Fitting
3	3644R	Steering Wheel	53	634A593	Fender & Insert-R.H.
4	1552P	Washer 49/64 x 1 1/4 x 16 Ga.	54	3638R	Rear Tire 23 x 9.50-12
5	9007H	Cap	55	6477H	Range Shift Rod
6	5949H	Rubber Bushing	56	6442H	Shift Rod Bracket
7	6468H	Bearing	57	2511P	Cotter Pin 3/16 x 1
8	634A543	Chassis Ass'y w/Bearings	58	9204H	Locknut 1/2-20
9	634A569	Foot Rest w/Bolts L.H.	59	7226H	Rear Wheel
10	3641R	Foot Rest Pad L.H.	60	795R	Tire Valve
11	9858M1	Woodruff Key 3/16 x 5/8	61	2692R	V-Belt (Ground Drive)
12	9008H	Spring	62	3625R	Bracket-Tail Light
13	1062R	Foot Pedal	63	634A594	Fender & Insert-L.H.
14	1244R	Foot Pedal Plate	64	1003P	Lockwasher 5/16
15	2648R	Foot Pedal Shaft	65	5394H	Locknut 3/8-16
16	3566R	Seat	66	1578P	Washer 3/4 x 1 1/8 x 11 Ga.
17	634A532	Seat Bracket Weldment	67	1560P	Washer 17/32 x 1 1/2 x 11 Ga.
18	2663R	Bracket Seat Pivot	68	1000P	Lockwasher 1/2
19	634A533	Seat Plate Weldment	69	502P	Hex Nut 1/2-13
20	2693R	Fuel Tank	70	1004P	Lockwasher 3/8
21	9769H	Fuel Gauge	71	501P	Hex Nut 3/8-16
22	815R	Fuel Line Fitting	72	508P	Hex Jam Nut 3/8-16
23	9712H	Seat Spring	73	1001P	Lockwasher 7/16
24	8141H	Seat Spring Reinforcement	74	500P	Hex Nut 7/16-14
25	634A534	Neutral Safety Arm Ass'y	75	1002P	Lockwasher 1/4
26	2650R	Bracket-Fuel Tank	76	503P	Hex Nut 1/4-20
27	6364H	Control Knob	77	1513P	Washer 13/32 x 13/16 x 16 Ga.
28	634A535	Neutral Safety Support Ass'y	78	1506P	Washer 9/32 x 5/8 x 16 Ga.
29	6459H	Transmission Bracket	79	504P	Hex Nut 5/16-18
30	8778H	Wheel Hub-Rear	A	3009P	Hex Bolt 5/16-18 x 5/8
31	8327H	Sq. Key 1/4 x 3	B	3010P	Hex Bolt 5/16-18 x 3/4
32	633A38	Transmission (Transaxle)	C	3022P	Hex Bolt 3/8-16 x 7/8
33	2329R	Less Brake Drum	D	25P	Carriage Bolt 1/2-13 x 1 1/4 H.T.
34	9772H	Neutral Safety Switch	E	20P	Carriage Bolt 3/8-16 x 1
35	2694R	Hose Clamp	F	1304H	Hub Bolt
36	2751R	Fuel Line	G	4524P	Sq. Hd. Set Screw 3/8-16 x 1 1/4
37	634A22A	Clip-Fuel Line	H	3034P	Hex Bolt 7/16-14 x 1
38	6461H2	Belt Guide	J	3034P	Hex Bolt 7/16-14 x 1
39	634A362	Transmission (Transaxle)	K	3010P	Hex Bolt 5/16-18 x 3/4
39A	2521R	Pulley	L	15P	Carriage Bolt 5/16-18 x 5/8
40	634A33A	Hanger-Rear	M	503P	Hex Nut 1/4-20
41	626A31A	Insulated Clip	N	501P	Hex Nut 3/8-16
42	634A570	Brake Arm Ass'y	O	4501P	Sq. Hd. Set Screw C.P. 5/16-18 x 1/2
43	2267R	Steering Arm Ass'y	P	3025P	Hex Bolt 3/8-16 x 1 1/4
44	1527P	Foot Rest w/Bolts R.H.	Q	3023P	Hex Bolt 3/8-16 x 1
45	5001P	Decal (Attach. Clutch)	R	3022P	Hex Bolt 3/8-16 x 7/8
46	3642R	Washer 21/32 x 7/8 x 16 Ga.	S	3010P	Hex Bolt 5/16-18 x 3/4
47	4766H	E-Ring	T	3003P	Hex Bolt 1/4-20 x 3/4
48	1553P	Foot Rest Pad R.H.	U	3021P	Hex Bolt 3/8-16 x 3/4
49	640A30	Bearing	V	19P	Carriage Bolt 3/8-16 x 3/4
50	634A95	Washer 57/64 x 1 1/4 x 16 Ga.	---	3648R	Owners Manual
		Steering Shaft & Pinion			
		Steering Gear Sector & Arm			

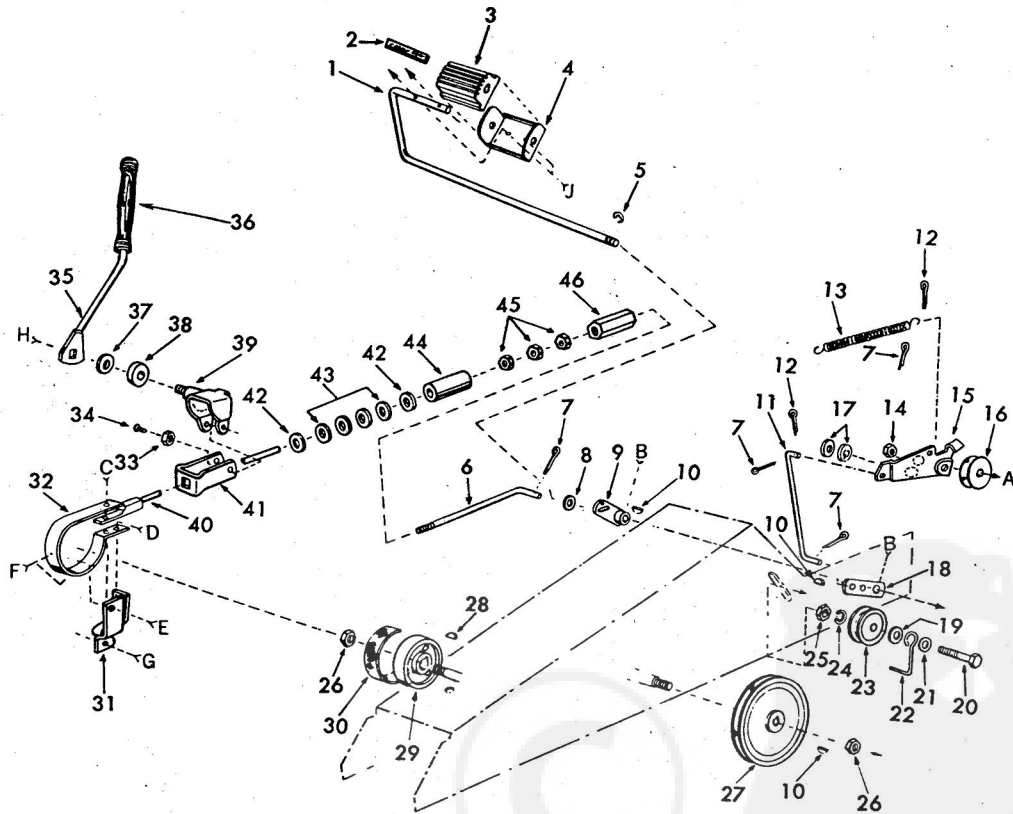
Carrière de Tracteur

16, 2x 107 longueur est 285.

Leil 17 x 11, - long primitive 2052 = 80, 74."

repair parts

RT-16T TRACTOR--MODEL NUMBER T63231R



- | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | J |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

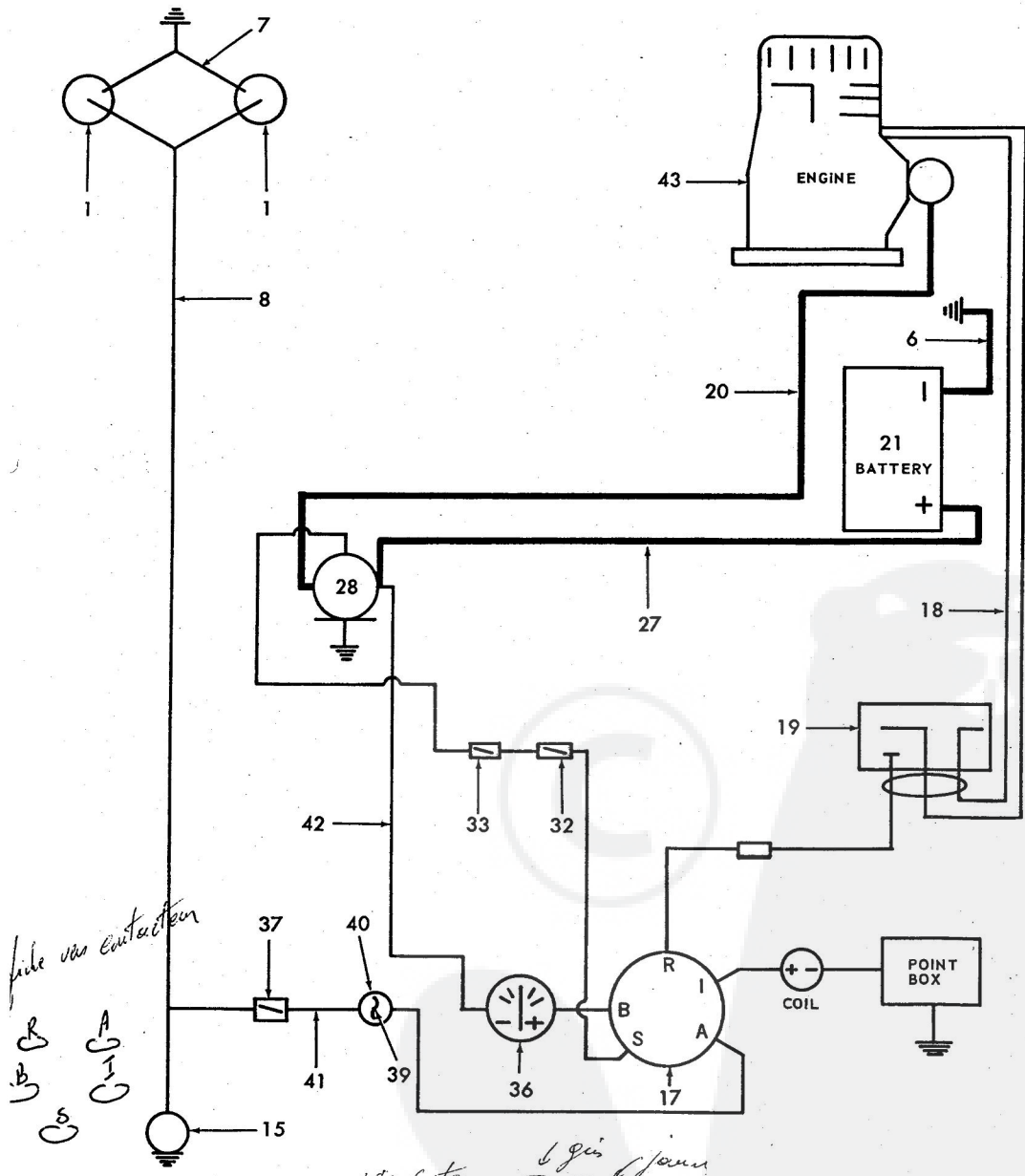
repair parts

RT-16T TRACTOR--MODEL NUMBER T63231R

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	2648R	Foot Pedal Shaft	33	9071H	Huglock Nut 1/4-28
2	1244R	Foot Pedal Plate	34	3244P	Hex Bolt 1/4-28 x 5/8 H.T.
3	1062R	Foot Pedal	35	626A394	Parking Lock Handle Assembly
4	8765H	Foot Pedal Bracket	36	4379H	Handle Grip
5	5001P	E-Ring	37	5999H	Spring Washer
6	2202R	Brake Rod-Front	38	2221R	Parking Brake Spacer
7	2505P	Cotter Pin 1/8 x 3/4	39	634A489	Lock Bracket Assembly
8	1513P	Washer 13/32 x 13/16 x 16 Ga.	40	626A365	Brake Rod Assembly
9	634A33A	Brake Arm Assembly	41	2197R	Parking Brake Yoke
10	9858M1	Woodruff Key 3/16 x 5/8	42	1557P	Washer 13/32 x 13/16 x 11 Ga.
11	2645R	Clutch Rod	43	2263R	Spring Washer
12	2514P	Cotter Pin 1/4 x 1	44	2201R	Bushing
13	6486H	Spring	45	501P	Hex Nut 3/8-16 UNC
14	548P	Hex Jam-Lock Nut 3/8-24 UNF	46	6417H	Turnbuckle
15	634A518	Idler Bracket Weldment	47	3052P	Hex Bolt 3/8-24 UNF x 1 Pltd.
16	634A86	Idler, Bolt and Nut (Inc. Key No's. 14 and 47)	48	4501P	Sq. Hd. Set Screw C.P. 5/16-18 x 1/2
17	1545P	Washer 17/32 x 1 x 16 Ga.	49	3159P	Hex Bolt 5/16-18 x 7/8
18	626A31A	Steering Arm Assembly	50	11P	Sq. Neck Carriage Bolt 1/4-20 x 5/8
19	1520P	Washer .469 I.D. x 1-1/8 x 11 Ga.	51	3164P	Flat Hd. Machine Screw
20	3262P	Hex Bolt 7/16-14 x 2 1/2	52	2004P	Undercut 3/8-16 x 3/4 Rivet, Brass Tubular #4 x 1/4
21	1518P	Washer 15/32 x 11/16 x 16 Ga.	53	3022P	Hex Bolt 3/8-16 x 7/8
22	6479H1	Belt Guide Finger	54	511P	Nylock Nut 3/8-24 UNF
23	6635H	Flat Idler	55	3003P	Hex Bolt 1/4-20 UNC x 3/4
24	1001P	Lockwasher 7/16	56	1003P	Lockwasher 5/16
25	500P	Hex Nut 7/16-14	57	1002P	Lockwasher 1/4
26	9204H	Lock Nut 1/2-20 UNF	58	1004P	Lockwasher 3/8
27	6461H2	Transmission (Transaxle) Pulley	59	1685H	Locknut 5/16-18
28	2228M	Woodruff Key 3/16 x 3/4	60	503P	Hex Nut 1/4-20
29	7648H1	Brake Drum			
30	7645H	Brake Lining			
31	634A168	Brake Bracket Assembly			
32	634A167	Brake Band and Lining			

repair parts

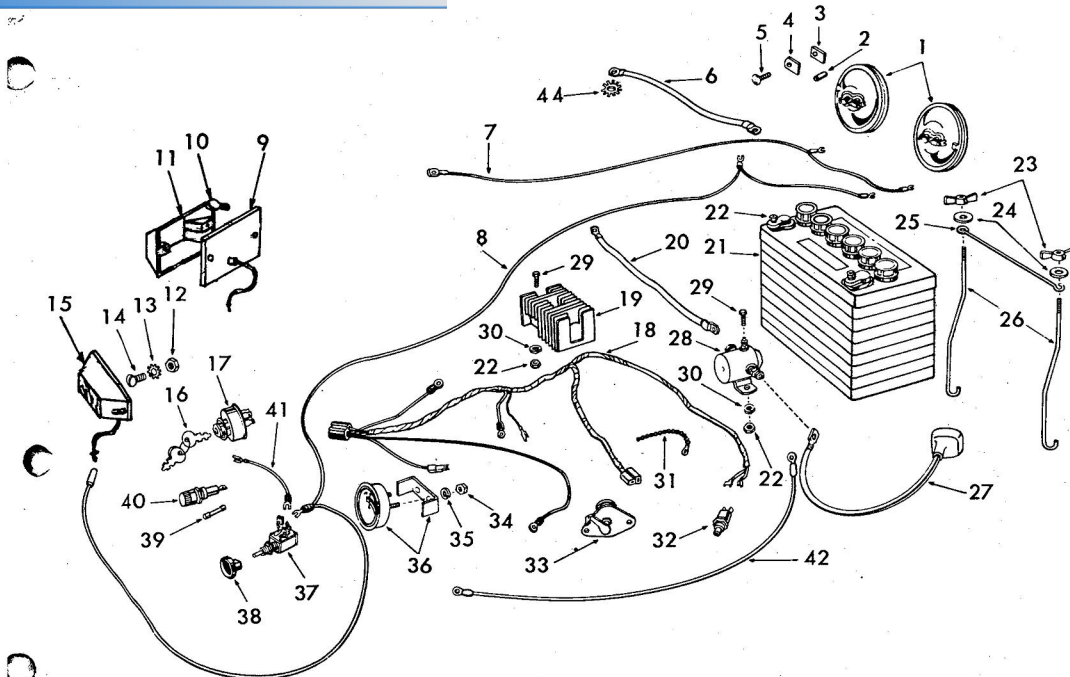
RT-16T TRACTOR--MODEL NUMBER T63231R



fiiche vas contacteur
B
C
A
I
S

regulateur
avec fusible - 23 -
à gauche de fusible
fiiche alternateur

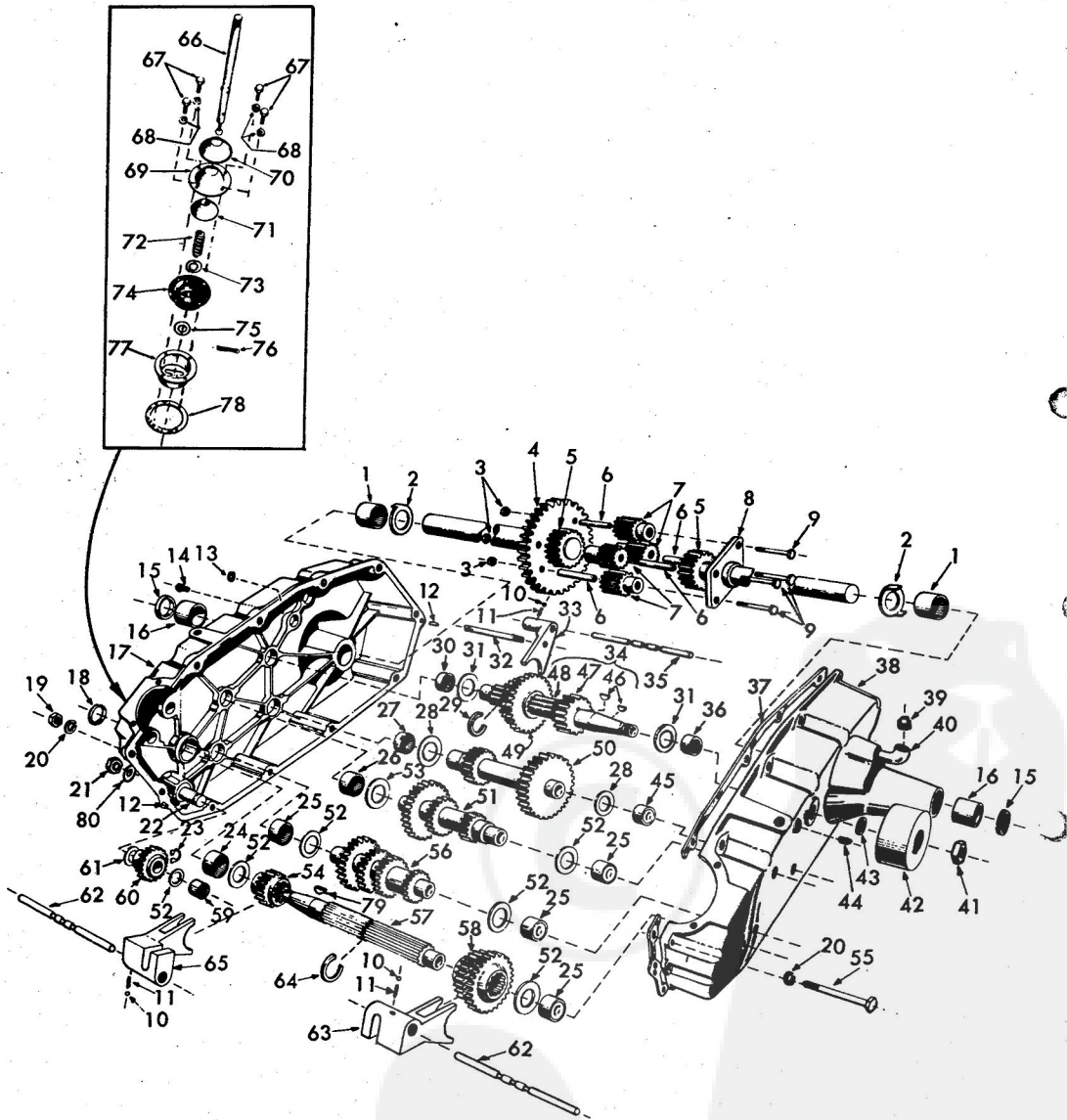
TRACTOR--MODEL NUMBER T63231R



KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	7034H	Headlight 4432	23	3748M	Wing Nut 1/4-20 95690
2	9197H	Hose (On Grill-Headlight Locating Pins)	24	1509P	Washer 5/16 x 3/4 x 16 Ga.
3	8784H1	Rubber Spacer 4740	25	5110H	Battery Clamp
4	8768H	Mounting Clip 4729	26	2685R	Battery Bolt
5	5554P	Phillips Pan Hd. Thread Cutting Screw #10-16 x 1/2	27	634A490	Battery Cable & Cover (Positive to Solenoid)
6	2753R	Battery Cable (Neg. To Ground)	28	103R	Solenoid
7	2894R	Ground Wire-Headlight	29	3115P	Hex Bolt 1/4-20 x 5/8 940100
8	3773R	Lead Wire (Light Switch To Headlight & Tail Light)	30	1002P	Lockwasher 1/4 956920
9	3869R	Housing (Tail Light)	31	2777R	Tie
10	3867R	Bulb #1895 2 Candle Power	32	2329R	Neutral Safety Switch 5038
11	3868R	Lens (Tail Light)	33	2249R	Safety Switch (Mower 5039)
12	505P	Hex Mach. Screw Nut #10-24	34	543P	Hex Nut #10-32
13	1404P	External Tooth Lockwasher #10	35	1006P	Lockwasher #10
14	3073P	Slotted Truss Hd. Mach. Screw #10-24 x 1/2	36	6987H2	Ammeter 4515
15	3757R	Tail Light	37	5735H	Light Switch (Includes Knob Light Switch)
16	7552H	Key Set	38	9267H	Knob Light Switch
17	2683R	Ignition Switch (Includes Item #16)	39	2212R	Fuse 5046
18	2687R	Ignition Wire Harness 5037	40	2211R	Fuse Holder
19	2684R	Regulator 5009	41	2228R	Electrical Wire (Fuse to Light Switch)
20	2226R	Battery Cable (Solenoid To Starter)	42	2688R	Electrical Wire (Solenoid to Ammeter)
21	9885H	Battery	43	BF-MS 2493A	Engine 16 H.P. (Twin Cyl.)
22	503P	Hex Nut 1/4-20 95825	44	1402P	External Lockwasher
					STARTER 30004953

repair parts

RT-16T TRACTOR--MODEL NUMBER T63231R



RT-16T TRACTOR--MODEL NUMBER T63231R

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	3039R	Needle Bearing	40	4003P	90 Street Elbow 1/2 14 N.P.T.
2	6256H	Axle Thrust Washer	41	9204H	Lock Nut 1/2 - 20
3	7810H	Gripco Nut 3/8 - 24	42	7648H1	Brake Drum
4	8662H	Final Drive - Gear	43	6271H	Oil Seal
5	633A34	Axle Shaft and Gear	44	4001P	Pipe Plug 1/4 - 18 N.P.T.
6	6252H1	Bushing - Differential Pinion	45	8117H	Needle Bearing
7	8657H	Differential Pinion	46	2228M	Woodruff Key 3/16 x 3/4 H.T.
8	6263H1	Differential Carrier	47	8659H	4th. Reduction Pinion
9	3056P	Hex Bolt 3/8 - 24 x 3/4 1" Thread Length	48	6221H	3rd. Reduction Gear Shaft
10	7392M	Steel Ball	49	633A14	High - Low Range Gears and Hub
11	6272H	Spring - Shift Fork Detent	50	633A33	4th. Reduction Shaft and Gear
12	6277H	Dowel Pin	51	633A31	2nd. Reduction Shaft and Gear
13	6269H	Oil Seal	52	1370H	Thrust Bearing Race
14	5855H	Pressure Relief Valve	53	7395H	Thrust Bearing Race
15	4910H	Oil Seal	54	6231H	Low Speed Pinion
16	992R1	Sintered Iron Bearing	55	3087P	Hex Bolt 5/16 x 1 1/2 Grade 5 H.T.
17	633A28A	Gear Case Reverse Idler Shaft and Bearings R.H.	56	633A30	Speed Change Gears & Shaft
18	6270H	Oil Seal	57	6218H	Input Shaft
19	504P	Hex Nut 5/16 - 18	58	633A11	Intermediate and High Speed Pinions
20	1007P	Lock Washer 5/16 Extra Heavy	59	7397H	Needle Bearing - Caged
21	541P	Hex Jam Nut 7/16 - 20	60	633A24	Reverse Idler Gear & Bearing
22	7384H	Reverse Idler Shaft	61	7392H	Reverse Idler Thrust Washer
23	5001P	E Ring	62	6216H	Shift Fork Shaft 500
24	4894H	Needle Bearing	63	6261H	Shift Fork - L.H.
25	4895H	Needle Bearing	64	4926H	Snap Ring Crescent Type
26	7398H	Needle Bearing	65	6262H	Shift Fork R.H.
27	8117M	Needle Bearing	66	6213H1	Gear Shift Lever - Straight
28	7396H	Thrust Bearing Race	67	3010P	Hex Bolt 5/16 - 18 x 3/4 95552
29	6276H	Snap Ring Crescent Type	68	1003P	Lock Washer 5/16 95592
30	8118M	Needle Bearing	69	6254H1	Gear Shift Ball Cover
31	6266H	Thrust Bearing Race	70	4869H1	Gear Shift Cap
32	6215H	High - Low Range Shift Shaft	71	6259H	Shift Lever Guide Ball - Plain . . . 50
33	6260H	Shift Fork, High - Low Range	72	4924H	Spring
34	633A32	3rd. Reduction Shaft and Gear (Inc. Key No's. 46, 47 and 48)	73	1544P	Washer 15/32 x 59/64 x 16 Ga.
35	6217H	High - Low Range Shift Fork Shaft	74	6273H	Shift Mechanism Seal
36	8119M	Needle Bearing	75	1525P	Washer 9/16 x 15/16 x 12 Ga.
37	6275H	Gasket Gear Case	76	2505P	Cotter 1/8 x 3/4
38	633A27	Gear Case and Bearings L.H.	77	633A19	Gear Shift Gate & Reinforcement
39	4002P	Pipe Plug 1/2 14 N.P.T.	78	6274H	Gasket - Shift Ball Cover
			79	9858M1	Woodruff Key
			80	1167R	Sealing Washer
			-----	633A38	Transaxle Assembly Less Brake Drum