

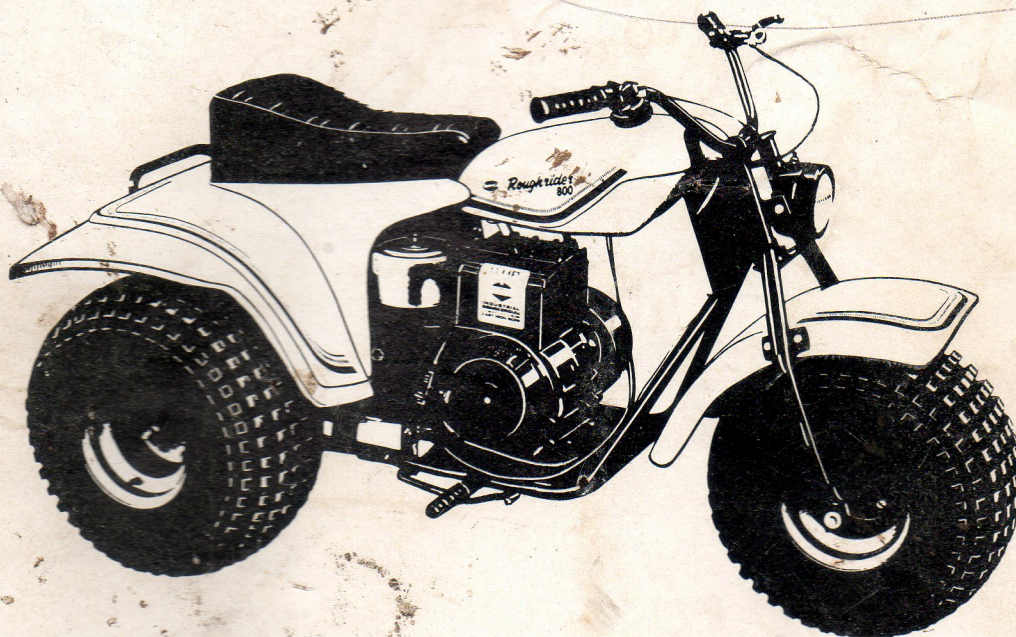


Roughrider

THREE-WHEEL ALL-TERRAIN CYCLES

MODEL 500 5 h.p. - 206cc

MODEL 800 8 h.p. - 319cc



OWNER'S MANUAL

FOR FUTURE REFERENCE WHEN ORDERING PARTS, RECORD THE FOLLOWING DATA FROM YOUR VEHICLE.

_____ MODEL NO.

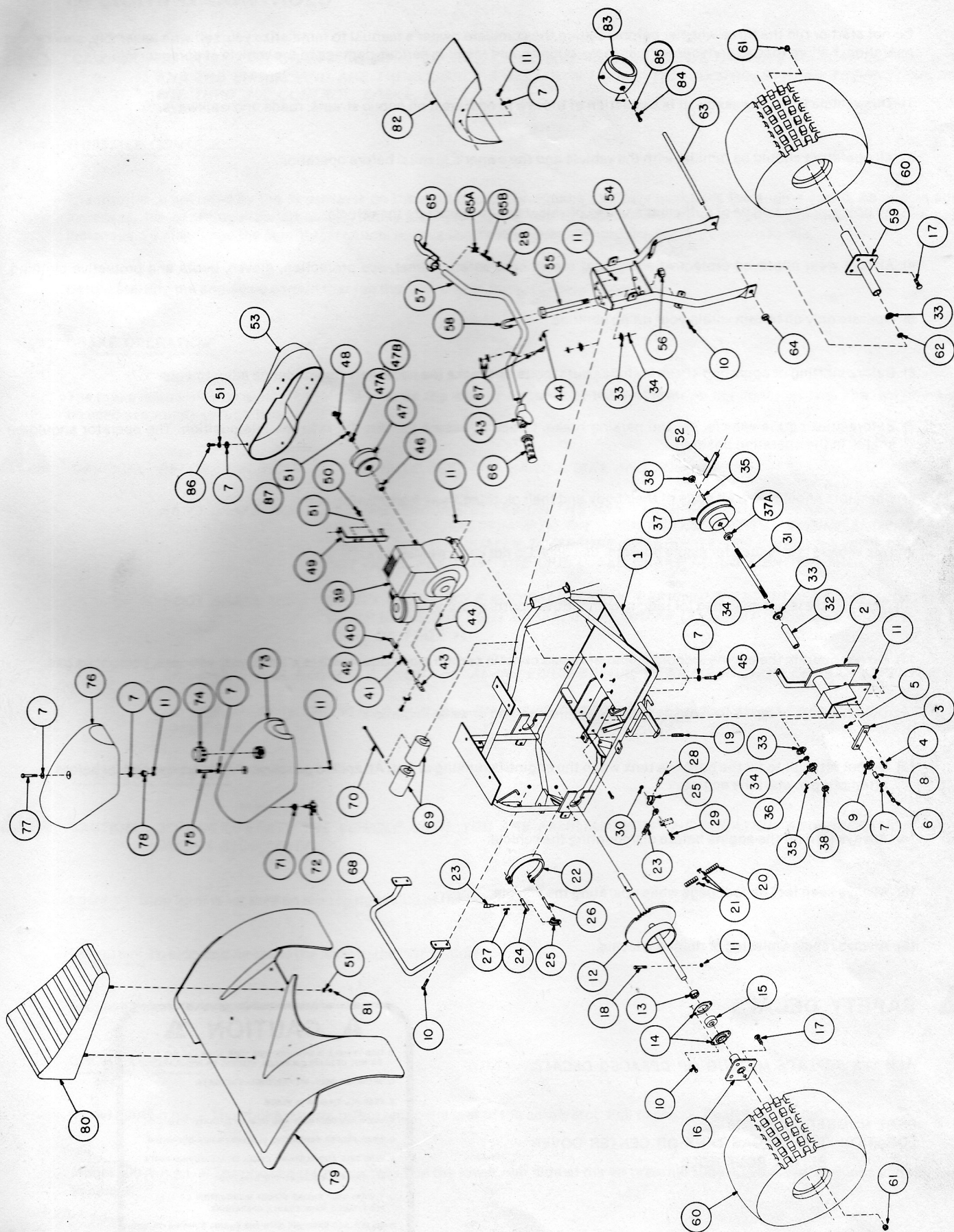
_____ SERIAL NO. FROM TAG ON MAIN FRAME

_____ ENGINE SERIAL NO. FROM CARBURETOR SIDE OF ENGINE (MODEL 500)
FROM TOP OF ENGINE (MODEL 800)

SPECIAL  PRODUCTS

15000 W. 44TH AVE. GOLDEN, COLO. 80401 • 303-279-5544
TOLL FREE U.S.A. NO. 800-525-8322 • TL 910-934-0116

TW2-534-383



REFERENCE NUMBER	PART NUMBER	DESCRIPTION	NUMBER REQUIRED	
			Model 500	Model 800
	TW420101	Model 500 Roughrider complete		
	TW420102	Model 800 Roughrider complete		
1	TW420125A	Main frame	1	1
2	TW420128	Jack Shaft Bracket	1	1
3	TW420174	Idler Arm	1	1
4	MB17529	3/8 in. NC x 1 in. Gr. 5 Hex Cap Screw	1	1
5	LN17215	3/8 in. NC Locknut	2	2
6	MB1759	3/8 in. NC x 2 in. Gr. 5 Hex Cap Screw	1	1
7	FW1748	5/16 in. Flatwasher	13	12
8	TW420149	Bushing	1	1
9	TW420143	Idler Gear	1	1
10	MB17526	5/16 in. NC x 1 in. Gr. 5 Hex Cap Screw	16	16
11	LN1727	5/16 in. NC Locknut	27	27
12	TW420154	Rear Axle	1	1
13	BE22148	1 in. Locking Collar	2	2
14	BE22147	Flange	4	4
15	BE22146	Bearing	2	2
16	TW420155	Rear Hub	2	2
17	LB171210	1/2 in. NF Lug Bolt	12	12
18	MB17528	5/16 in. NC x 2 in. Gr. 5 Hex Cap Screw	2	2
19	SS17620	3/8 in. NC x 2 1/2 in. Square Head Set Screw	1	1
20	TW420116	Chain With Connecting Link	1	1
21	TW420117	Connecting Link	—	—
22	TW420131	Brake Band	1	1
23	TW420145	Rear Brake Cable	1	1
24	TW420180	3/8 in. Diam. Brake Pin	1	1
25	TW420148	Cable Clip	2	2
26	TW420181	1/4 in. Diam. Brake Pin	1	1
27	CP171112	5/64 in. x 3/4 in. Cotter Pin	4	4
28	TW420146	Front Brake Cable	1	1
29	MB17531	1/4 in. NC x 1 in. Gr. 5 Hex Cap Screw	1	1
30	LN17216	1/4 in. NC Locknut	1	1
31	TW420158	Model 500 Jack Shaft	1	—
31	TW420159	Model 800 Jack Shaft	—	1
32	TW420173	Jack Shaft Tube	1	1
33	BE22151	5/8 in. Bearing Assembly w/Snap Ring	6	6
34	FW17420	5/8 in. Machine Washer	4	4
35	TW420178	3/16 in. Key	2	2
36	TW420142	Drive Gear	1	1
37	TW420133	Model 500 Driven Pulley	1	—
37A	TW420132A	Cup Washer	1	—
37	TW420136	Model 800 Driven Pulley	—	1
38	LN17218	5/8 in. NF Thin Locknut	2	2
39	HC390505	5 h.p. Engine (Model 500)	1	—
39	HC390508	8 h.p. Engine (Model 800)	—	1
40	TW420120	Throttle Clip	—	—
41	TW420187	Spring	—	—
42	MB17824	#10 NF x 5/8 in. Clip Screw	—	—
43	TW420112	Throttle Cable	1	1
44	TW420179	Ground Wire w/Connectors	1	1
45	MB17530	5/16 in. NC x 1-3/4 in. Gr. 5 Hex Cap Screw	4	4
46	TW420177	Bushing (Model 500 only)	1	—
47	TW420132	Model 500 Driver Pulley	1	—
47	TW420135	Model 800 Driver Pulley	—	1
47A	FW17422	5/16 in. Flatwasher (Special) (Model 500)	1	—
47B	FW17421	7/16 in. Flatwasher (Special) (Model 800)	—	1
48	MB17533	5/16 in. NF x 1-3/4 in. Hex Cap Screw (Model 500)	1	—
48	MB17532	7/16 in. NF x 2 in. Hex Cap Screw (Model 800)	—	1
49	TW420157	Belt Cover Bracket	1	1
50	MB17796	5/16 in. NF x 3/4 in. Hex Cap Screw	2	2
51	LW1739	5/16 in. Lockwasher	9	9
52	TW420134	3/4 in. Wide Belt (Model 500)	1	—
52	TW420137	7/8 in. Wide Belt (Model 800)	—	1
53	TW420147	Belt Cover	1	1
54	TW420126	Fork	1	1
55	MB17797	5/8 in. NC x 9 in. Hex Cap Screw	1	1
56	LN17212	5/8 in. NC Locknut	1	1
57	TW420182	Handlebar	1	1
58	TW420119	"U" Bolt	2	2
59	TW420129A	Front Hub	1	1
60	TW420110	Tire and Wheel	3	3
61	HN171211	1/2 in. Lug Nut	12	12
62	TW420176	Axle Bushing	2	2
63	TW420175	Front Axle	1	1
64	TW420115	Locking Collar	2	2
65	TW420113	Brake Lever Assembly	1	1
65A	TW420113A	Brake Lever Screw	—	—
65B	TW420113B	Brake Lever Lock	—	—
66	TW420111	Handle Grip	2	2
67	TW420153	Stop Switch	1	1
68	TW420156	Rear Handle	1	1
69	TW420186	Foam Pad (Model 800)	—	2
70	TW420150	Large Cable Ties (Model 800)	—	2
71	TW420123	Valve Bushing (Model 800)	—	1
72	TW420122	Gas Valve (Model 800)	—	1
73	TW420121	Gas Tank (Model 800 only)	—	1
74	TW420124	Gas Cap (Model 800 only)	—	1
75	MB17792	5/16 in. NC x 3-1/2 in. Hex Cap Screw (Model 800)	—	1
76	TW420141	Center Cover (Model 500 only)	1	—
77	MB17729	5/16 in. NC x 3 in. Hex Cap Screw (Model 500)	1	—
78	TW420183	Spacer (Model 500)	1	—
79	TW420139	Rear Fender	1	1
80	TW420152	Seat	1	1
81	HN17117	5/16 in. NC Hex Nut	4	4
82	TW420140	Front Fender	1	1
83	TW420144	Headlight (Model 800 only)	—	1
84	MB17769	3/8 in. NC x 3/4 in. Hex Cap Screw (Model 800)	—	2
85	LW1731	3/8 in. Lockwasher (Model 800)	—	2
86	MB17798	5/16 in. NC x 3/4 in. Hex Cap Screw	2	2
87	LW1732	7/16 in. Lockwasher	1	1
	TW420151	Short Tie	5	5
	TW420127	Hardware Package for Model 500	1	—
	TW420184	Hardware Package for Model 800	—	1