



REFERENCE DRAWING AND PARTS LIST

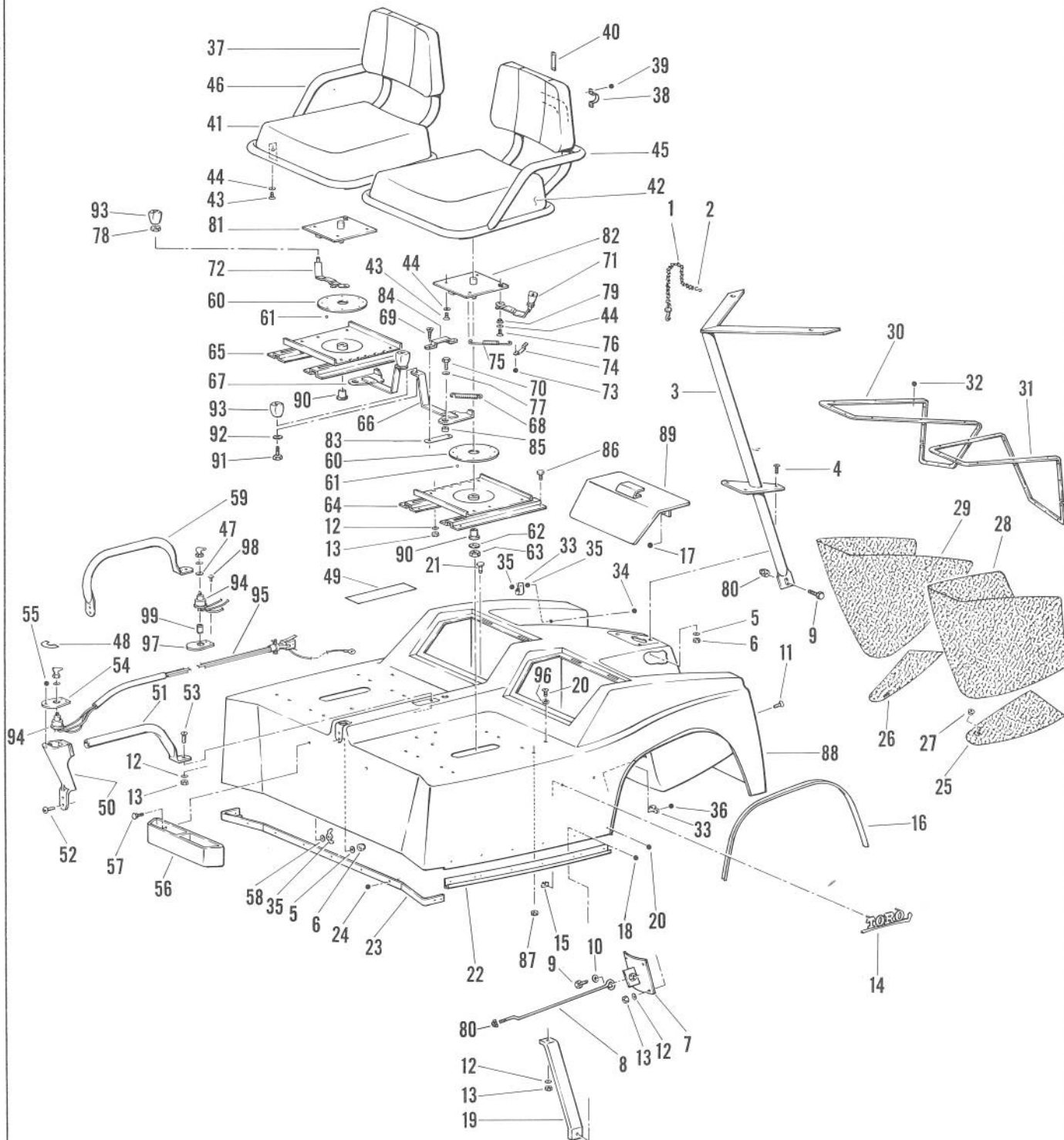


GOLFMASTER

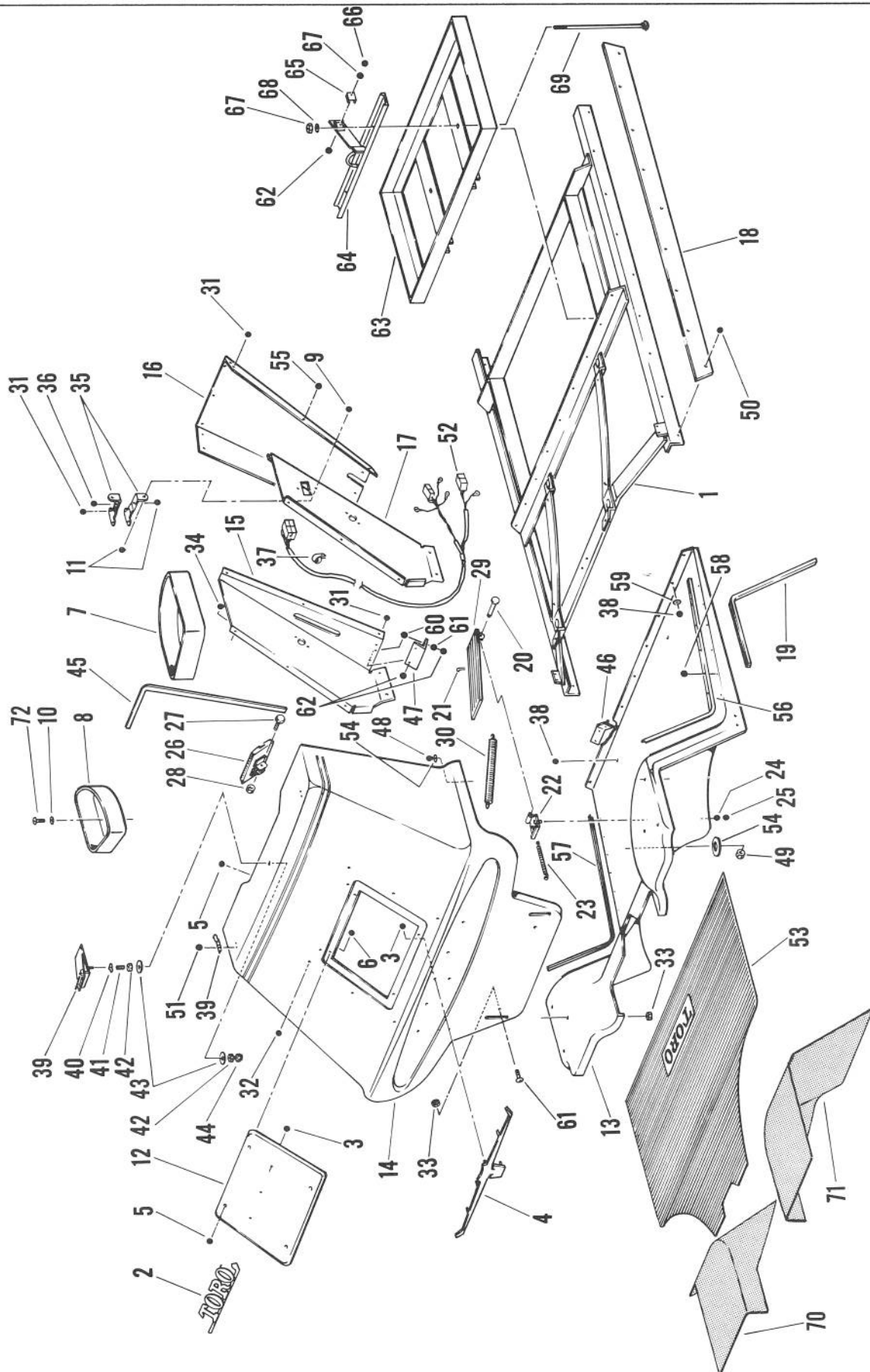
MODEL NOS. 90110 - 90001 & UP

Price 25 cents

REAR BODY & SEAT ASSEMBLY



FRONT BODY & FRAME ASSEMBLY



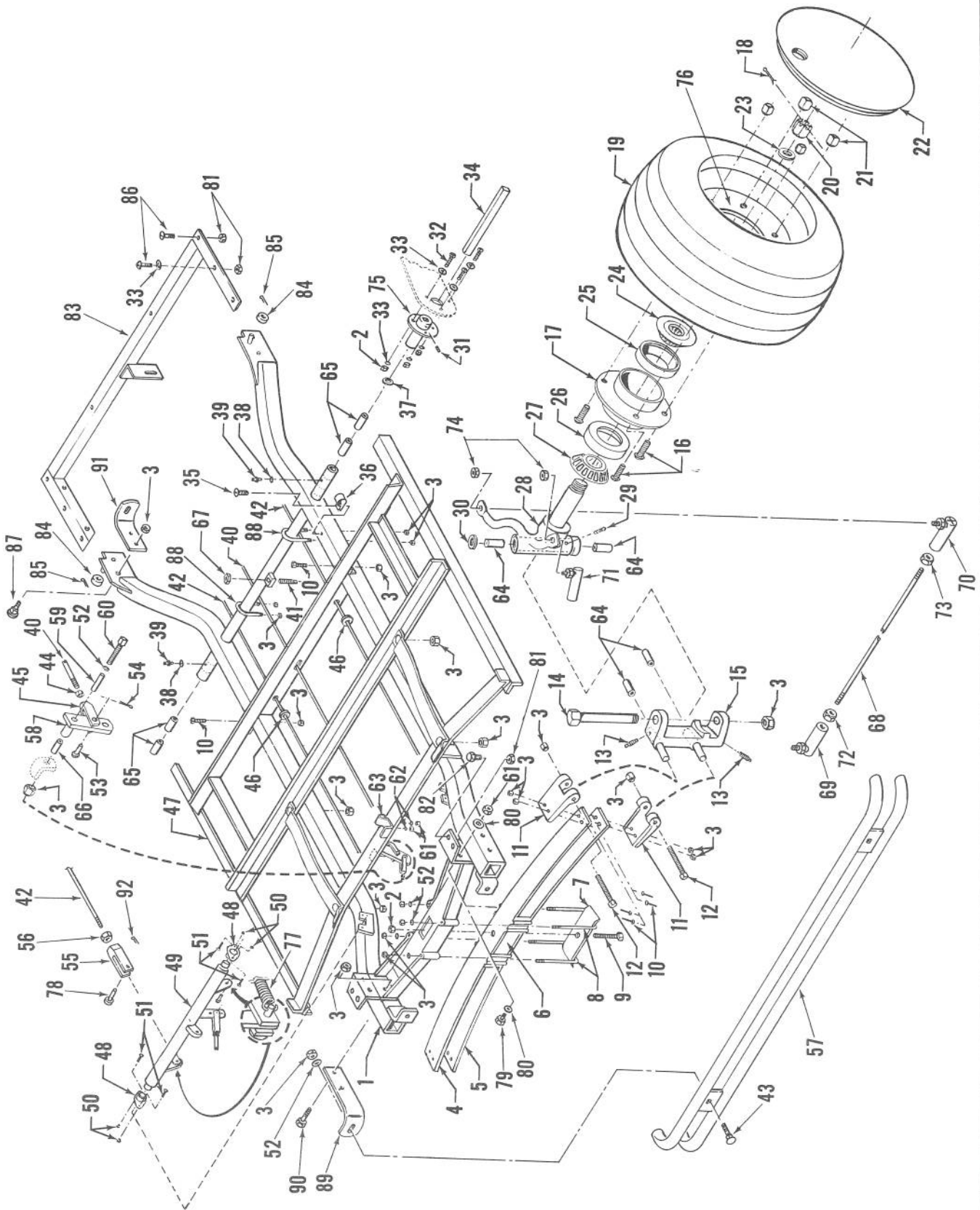
FRONT BODY & FRAME PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	5-1056	Frame, Sub	1
2	3-8435	Emblem, Front	1
3	3290-276	Nut, Tinnerman	9
4	3-8434	Toro Insignia	1
5	32143-6	Screw, Phillips	9
6	3290-277	Nut, Tinnerman	4
7	5-0621	Tray, Utility	1
8	5-0620	Tray, Utility	1
9	32122-30	Screw	2
10	3256-3	Washer	2
11	3296-2	Nut, Stop	3
12	5-3124	Panel, Access Pebble Beach White	1
*	5-0707	Panel, Access Signal Red	1
*	5-0708	Panel, Access Sun Yellow	1
*	5-0710	Panel, Access Bahama Blue	1
*	5-0711	Panel, Access Mayan Turquoise	1
13	5-0566	Board, Floor Pebble Beach White	1
*	5-0596	Board, Floor Mayan Turquoise	1
*	5-0595	Board, Floor Bahama Blue	1
*	5-0594	Board, Floor Sun Yellow	1
*	5-0593	Board, Floor Signal Red	1
14	5-0565	Shield, Modesty Pebble Beach White	1
*	5-0597	Shield, Modesty Signal Red	1
*	5-0598	Shield, Modesty Sun Yellow	1
*	5-0600	Shield, Modesty Bahama Blue	1
*	5-0601	Shield, Modesty Mayan Turquoise	1
15	5-0314	Side, Console	1
16	5-0315	Shroud, Front	1
17	5-0313	Side, Console	1
18	5-0336	Trim, Side	2
19	5-0518	Trim, Wheel Well	2
20	283-23	Pin, Clevis	1
21	3272-11	Pin, Cotter	1
22	5-0570	Plate, Pivot	1
23	5-0573	Spring, Extension	1

Ref. No.	Part No.	Description	No. Used
24	3256-22	Washer	2
25	3296-42	Nut, Stop	2
26	3-9418	Pedal, Brake	2
27	323-7	Screw	2
28	3296-39	Nut, Stop	2
29	3-9913	Pedal	1
30	5-0577	Spring, Extension	1
31	32104-76	Screw, Self Tapping	11
32	32122-30	Screw, Machine	6
33	3296-29	Nut, Stop	4
34	32149-7	Nut	6
35	3-9445	Bracket, Plug	2
36	3251-12	Screw	1
37	2412-18	Clamp, Wire	1
38	3290-282	Rivet, Pop	19
39	5-1180	Holder, Score Card	1
39	5-0590	Clip, Score Card	2
40	3290-234	Washer, Spring	1
41	5-1176	Bushing, Swivel	1
42	3218-4	Nut	2
43	3-2623	Washer	2
44	32146-8	Nut	1
45	5-0563	Trim, Modesty Shield	2
46	5-0996	Clip	1
47	5-1038	Clip	1
48	321-6	Capscrew	4
49	3296-42	Nut, Stop	4
50	3290-282	Rivet, Pop	18
51	3290-55	Rivet, Pop	4
52	3-9504	Harness, Wiring	1
53	5-1431	Carpet	1
54	3256-22	Washer	8
55	32104-77	Screw, Self Tapping	2
56	5-0523	Trim, Floor	1
57	5-0522	Trim, Floor	1
58	3290-279	Rivet, Pop	18
59	3256-14	Washer	14
60	3290-126	Screw, Machine	8
61	32122-34	Screw, Machine	2
62	3296-2	Nut, Stop	9
63	5-1062	Box, Battery	1
64	3-8888	Hold Down, Battery	1
65	3-9292	Support, Plug	1
66	3251-11	Screw, Machine	1
67	32127-43	Nut, Stop	2
68	3256-24	Washer	2
69	3-8878	Bolt	2
70	5-1465	Mat, Wheel Well	1
71	5-1466	Mat, Wheel Well	1
72	32122-34	Screw, Machine	2

*Not Illustrated

MAIN FRAME & WHEEL ASSEMBLY



MAIN FRAME & WHEEL PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	5-1063	Frame (Includes Ref. No. 65)	1
2	3296-29	Nut, Stop	11
3	3296-39	Nut, Stop	13
4	3-9673	Spring, Upper	1
5	3-9672	Spring, Lower	1
6	3-9776	Mount, Spring	1
7	3-9902	Base, Spring Mount	1
8	3-9907	"U" Bolt	2
9	322-23	Screw	1
10	323-7	Screw	10
11	3-9705	Hanger, Steering Knuckle	4
12	3-9906	Bolt, Hanger	4
13	302-11	Fitting, Grease	4
14	3-9905	Bolt, Hanger	2
15	5-0242	Yoke Assembly (Includes Ref. No. 64)	2
16	242-48	Bolt, Lug	8
17	3-5049	Hub (Includes Ref. No. 16)	2
18	3272-17	Pin, Cotter	2
19	231-43	Tire	2
20	32136-2	Nut, Slotted	2
21	242-50	Nut, Lug	8
22	5-1440	Cap, Hub	2
23	3-6543	Washer, Thrust	2
24	254-85	Cone	2
25	254-79	Cup	2
26	254-71	Cup	2
27	254-84	Cone	2
28	5-0264	Spindle, Left (Includes Ref. No. 29)	1
*	5-0262	Spindle, Right (Includes Ref. No. 29)	1
29	302-40	Grease Fitting	2
30	3-0724	Washer, Thrust	2
31	3246-4	Screw, Set	2
32	4-4190	Screw	6
33	3256-23	Washer	14
34	3-9315	Shaft, Torque	1
35	32104-76	Screw, Self Tapping	4
36	2412-26	Clamp	4
37	256-165	Washer, Thrust	2
38	3254-8	Washer	2
39	302-5	Fitting, Grease	2
40	5-0347	Rod, Accelerator	1
41	32102-14	Screw, Set	1
42	3-8855	Rod, Brake	2
43	3231-22	Bolt	4
44	3220-1	Nut, Jam	5
45	282-17	Yoke	2
46	3-5975	Grommet	2

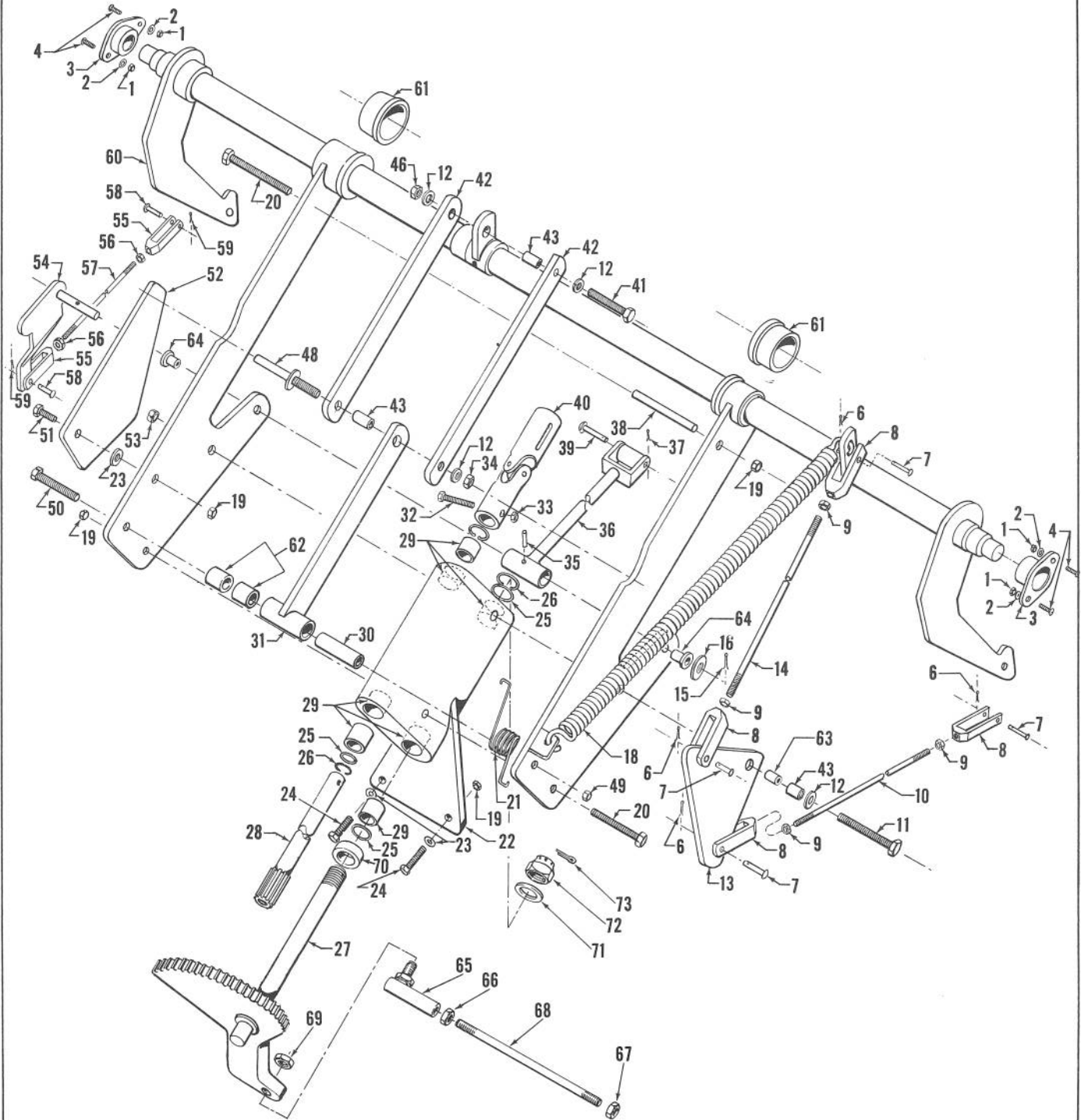
Ref. No.	Part No.	Description	No. Used
47	5-1056	Frame, Sub	1
48	256-163	Bushing	2
49	5-4507	Tube, Torque	1
50	3296-2	Nut	4
51	32122-32	Screw, Machine	4
52	3256-24	Washer	5
53	283-3	Pin, Clevis	2
54	3272-1	Pin, Cotter	2
55	282-2	Yoke	2
56	3220-2	Nut, Jam	2
57	3-8488	Bumper, Front & Rear	2
58	5-0362	Pivot (Incl. Ref. No. 66)	1
59	3-9414	Spacer	1
60	323-8	Screw	1
61	3296-42	Nut, Stop	6
62	3256-22	Washer	2
63	5-0570	Plate, Pivot	1
64	256-155	Bushing	12
65	256-161	Bushing	4
66	256-109	Bushing	1
67	3218-5	Nut, Jam	1
68	5-0241	Rod, Tie	1
69	2411-15	Joint, Ball	1
70	2411-16	Joint, Ball	1
71	2411-25	Joint, Ball	1
72	3220-5	Nut, Jam	1
73	3220-12	Nut, Jam	1
74	3296-28	Nut, Stop	3
75	5-1051	Hub	2
76	242-49	Disc, Wheel (Narrow) Use w/Serial #60101 thru 60400	2
*	217-60	Disc, Wheel (Wide) Use with Serial #60401 & Up	1
77	5-1120	Spring	2
78	283-1	Pin	2
79	321-6	Screw	4
80	3256-22	Washer	8
81	3296-29	Nut, Stop	4
82	32122-34	Screw, Machine	4
83	5-0238	Hinge	1
84	3-8891	Spacer	2
85	3272-13	Pin, Cotter	2
86	32122-34	Screw, Machine	8
87	3231-2	Bolt	4
88	3-8711	Clamp	2
89	3-8706	Bracket, Front Bumper	2
90	323-12	Screw	4
91	3-8707	Bracket	2
92	3272-6	Pin, Cotter	1

* Not Illustrated

PRODUCT CHANGES

In an effort to make improvements available to Toro owners as quickly as possible, minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Reference Drawing and Parts List. If such a change apparently has been made in your unit, which is not reflected in your manual, see your Toro distributor or his authorized Toro service dealer for information and parts numbers.

STEERING & BRAKE LINKAGE ASSEMBLY



STEERING & BRAKE LINKAGE PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	3296-2	Nut, Stop	4
2	3256-14	Washer	4
3	256-163	Bearing, Flange	2
4	32122-30	Screw	4
6	3272-6	Pin, Cotter	4
7	283-1	Pin, Clevis	4
8	282-2	Yoke	4
9	3220-2	Nut, Jam	4
10	3-9492	Rod, Brake	1
11	3211-16	Screw	1
12	3256-24	Washer	4
13	3-9452	Pivot (Includes Ref. No. 63)	1
14	3-9488	Rod, Brake	1
15	3272-6	Pin, Cotter	1
16	3256-26	Washer	1
18	3-9676	Spring, Extension	1
19	3296-29	Nut, Stop	5
20	322-13	Screw	2
21	3-9675	Spring, Lock	1
22	3-4969	Mount, Steering (Includes Ref. No. 29)	1
23	3256-23	Washer	3
24	322-6	Screw	2
25	3290-239	Washer, Spring	2
26	32120-72	Retaining Ring	1
27	5-3856	Sector	1
28	3-9417	Pinion, Steering	1
29	256-104	Bushing	4
30	3-9412	Spacer	2
31	3-9448	Link (Includes Ref. No. 62)	1
32	321-8	Screw	1
33	32127-42	Nut, Lock	1
34	3296-5	Nut, Stop	1
35	32121-4	Pin, Roll	1

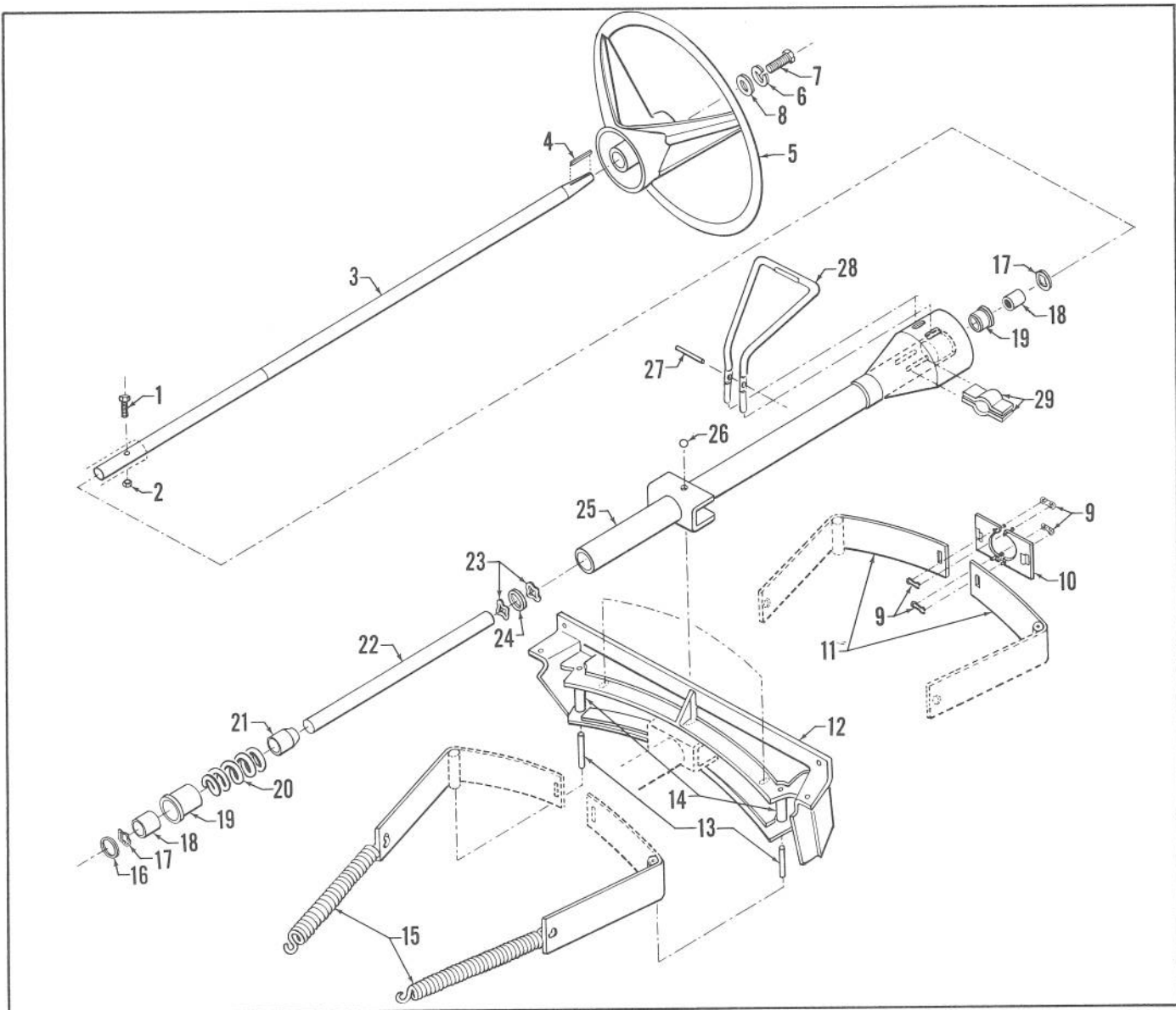
Ref. No.	Part No.	Description	No. Used
36	5-2076	Arm	1
37	3272-10	Pin, Cotter	1
38	5-0572	Roller, Accelerator	1
39	283-14	Pin, Clevis	1
40	3-9505	"U" Joint	1
41	323-8	Screw	1
42	3-9408	Link, Lock	2
43	3-9414	Spacer	3
46	3296-39	Nut, Stop	1
48	3-9411	Stop, Emergency Brake	1
49	3296-42	Nut, Stop	1
50	321-14	Screw	1
51	322-4	Screw	1
52	3-9404	Bracket, Brake Release	1
53	3296-6	Nut, Stop	1
54	5-2083	Arm, Accelerator	1
55	282-17	Yoke	2
56	3220-1	Nut, Jam	2
57	5-0261	Rod, Accelerator	1
58	283-3	Pin, Clevis	2
59	3272-1	Pin, Cotter	2
60	5-2095	Brake Assy.	1
61	5-0088	Bushing	2
62	256-1	Bushing	2
63	256-109	Bushing	1
64	256-156	Bushing	2
65	2411-15	Ball Joint	1
66	3220-5	Nut, Jam	1
67	3220-12	Nut, Jam	1
68	5-3855	Link, Drag	1
69	3296-28	Nut, Stop	1
70	5-0778	Collar	1
71	3256-28	Washer	1
72	32136-5	Nut, Slotted	1
73	3272-14	Pin, Cotter	1

IMPORTANT ORDERING INSTRUCTIONS

Repair parts are available from your Toro dealer. To insure getting correct parts without delay, please furnish the following information:

1. Serial number of your product as shown on the name plate.
2. Part number, description and quantity of each part required.
3. State whether parts should be shipped by mail or express. All repair parts are shipped F.O.B. factory.
4. Name and address where parts are to be shipped.
5. Do not order by reference number; use part number only.

STEERING WHEEL ASSEMBLY

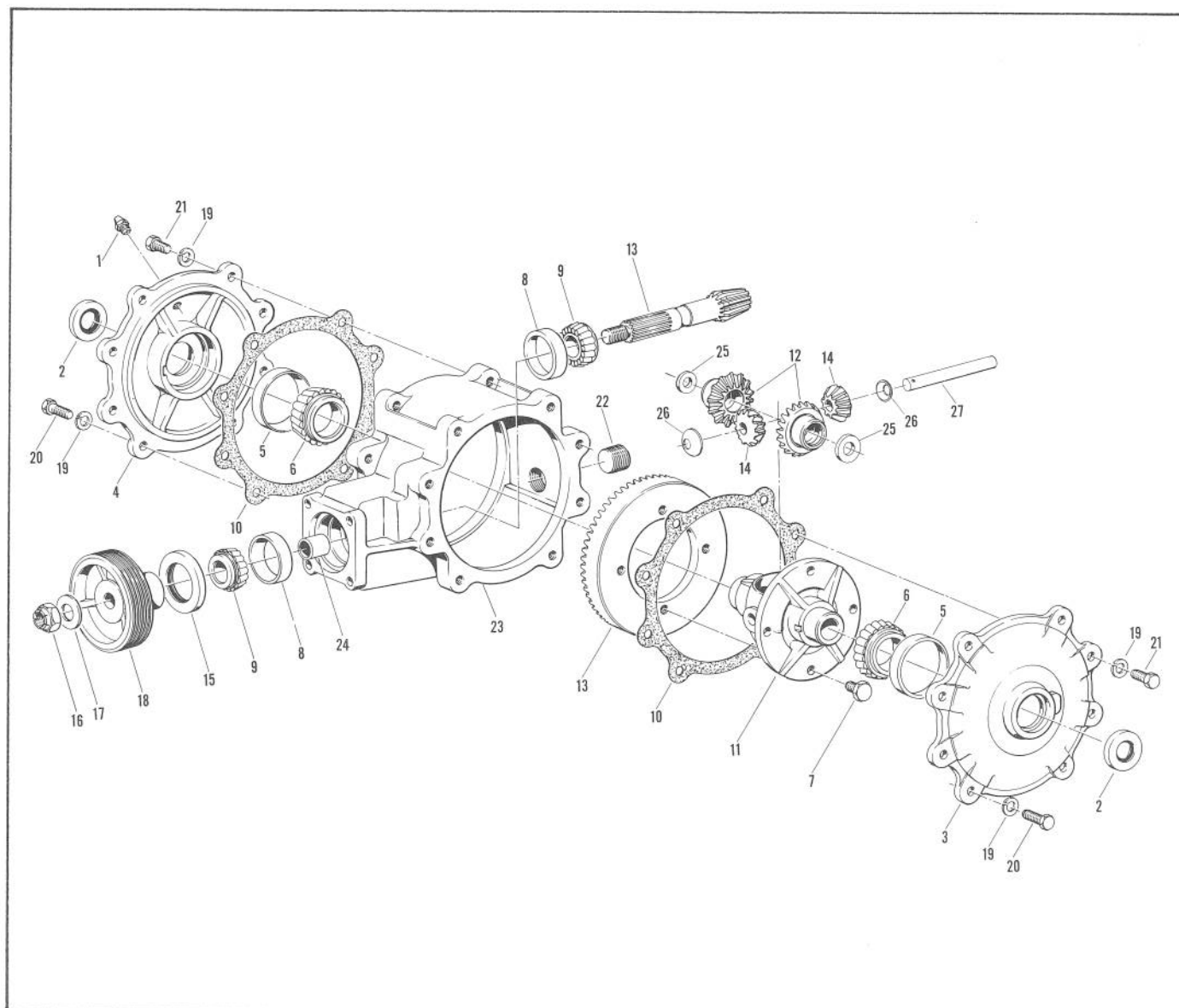


PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	321-9	Capscrew	1
2	3296-42	Stop Nut	1
3	3-8897	Shaft - Steering	1
4	3-6168	Key	1
5	238-4	Steering Wheel	1
6	3253-4	Lockwasher	1
7	322-2	Capscrew	1
8	3256-35	Washer	1
9	5-0723	Link - Connecting (With Retaining Cup)	2
10	5-0720	Cover W. A.	2
11	5-0715	Cover Assembly	2
12	3-9508	Steering Lock Assembly	1
13	32121-28	Rollpin	2
14	5-0694	Roller	2

Ref. No.	Part No.	Description	No. Used
15	5-0721	Spring - Extension	2
16	32120-72	Retaining Ring	1
17	3-6498	Washer - Thrust	2
18	256-82	Bushing	2
19	3-4789	Sleeve (Includes Ref. 18)	2
20	3-9713	Spring	1
21	3-8884	Ring - Locking	1
22	3-8877	Tube - Inside Steering	1
23	3290-239	Washer	3
24	5-0713	Washer	1
25	3-9774	Steering Column W. A.	1
26	255-11	Ball	1
27	32121-48	Rollpin	1
28	3-8471	Selector - Steering	1
29	3-8873	Slide W. A.	1

DIFFERENTIAL BREAKDOWN

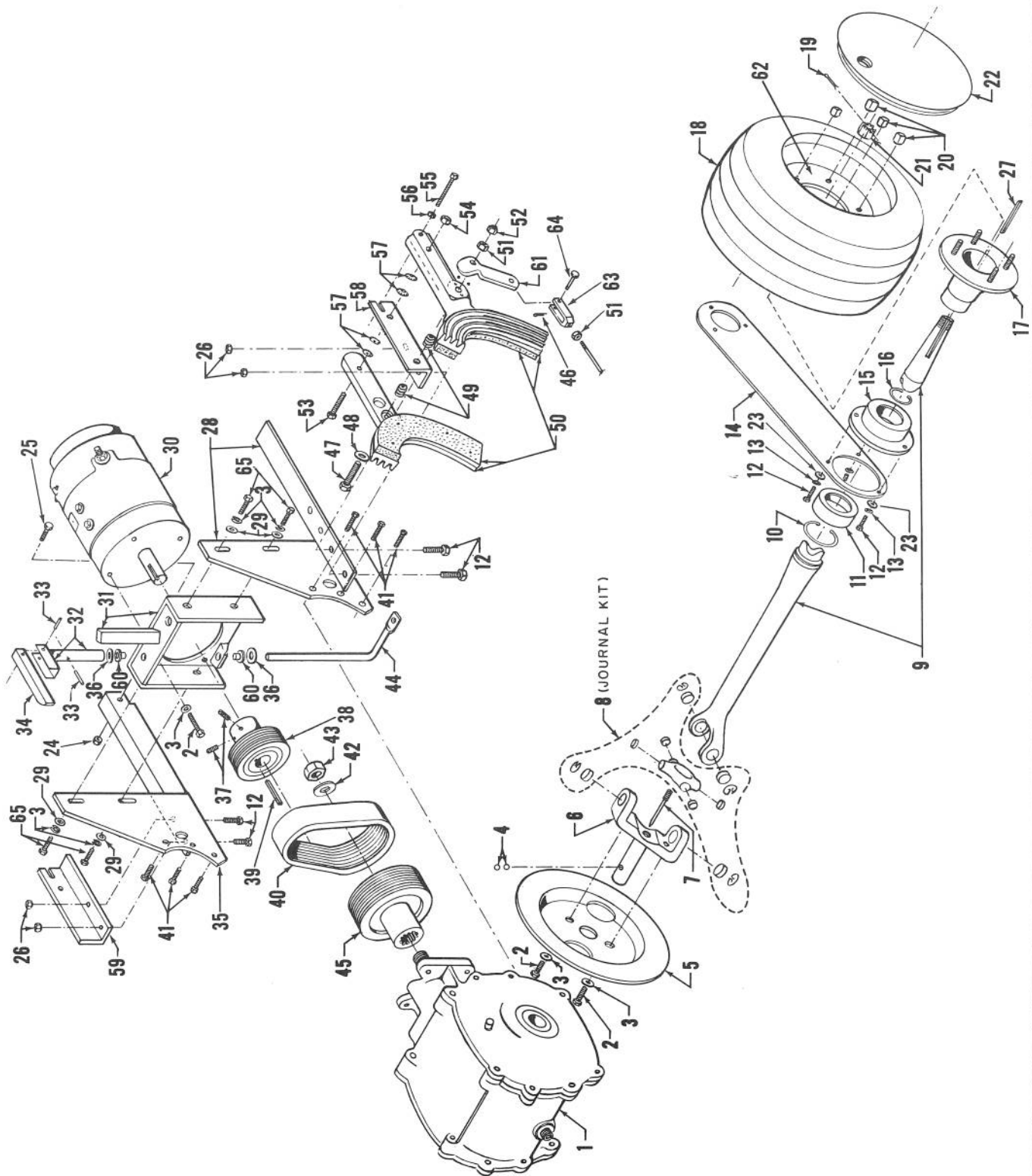


PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	302-14	Plug, Vent	1
2	214-251	Seal, Oil	2
3	214-250	Cover, Gear Carrier	1
4	214-266	Cover, Gear Carrier (Includes Ref. No. 1)	1
5	254-57	Cup, Bearing	2
6	254-58	Cone, Bearing	2
7	214-253	Screw	4
8	214-258	Cup, Bearing	2
9	214-259	Cone, Bearing	2
10	214-252	Gasket	2
11	214-255	Case, Differential	1
12	214-234	Side Gear, Differential	2
13	214-254	Drive Gear & Pinion Assy.	1
14	214-256	Pinion, Differential	2

Ref. No.	Part No.	Description	No. Used
15	214-260	Seal, Oil	1
16	3296-41	Nut, Stop	1
17	3256-27	Washer	1
18	3-8871	Diff. Pulley	1
19	3253-21	Lockwasher	16
20	3211-5	Screw	6
21	3211-4	Screw	10
22	281-5	Plug, Pipe	1
23	214-257	Cup, Case & Bearing (Includes Ref. No. 8)	1
24	214-262	Sleeve	1
25	214-263	Spacer	2
26	214-264	Domed Washer	2
27	214-265	Shaft, Pinion	1

DIFFERENTIAL ASSEMBLY



DIFFERENTIAL PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	214-236	Differential Assembly	1
2	323-4	Screw	12
3	3253-21	Lockwasher	12
4	255-5	Ball	4
5	3-8473	Disc, Brake	2
6	3-9151	Yoke, Shaft	2
7	3-8887	Screw, Adjustment	2
8	214-235	Kit, Journal	2
9	3-9677	Axle, Shaft	2
10	32120-22	Ring, Snap	2
11	251-186	Bearing	2
12	322-4	Screw	10
13	3253-4	Lockwasher	6
14	3-9295	Arm, Spring	2
15	3-8428	Housing, Bearing	2
16	32120-71	Ring, Snap	2
17	242-47	Hub	2
18	231-43	Tire	2
19	3272-17	Pin, Cotter	2
20	242-50	Nut, Lug	8
21	32136-2	Nut	2
22	5-1440	Cap, Hub	2
23	3256-23	Washer	6
24	3296-39	Nut, Stop	2
25	323-7	Screw	2
26	3296-29	Nut, Stop	4
27	3-9668	Key	2
28	5-1073	Frame, Sub	1
29	3256-24	Washer	4
30	218-287	Motor	1
31	5-0468	Bracket, Control Panel (Includes Ref. No. 60)	1
32	5-0357	Tube, Throttle	1
33	32121-2	Pin, Roll	2
34	5-0364	Lever, Throttle	1
35	5-1072	Frame, Sub	1

Ref. No.	Part No.	Description	No. Used
36	5-0737	Washer	2
37	3246-3	Screw, Set	2
38	3-8893	Pulley, Motor	1
39	3-5312	Key	1
40	5-1054	Belt, Drive (Use with Serial No. 60401 & up)	1
*	3-9491	Belt, Drive (Use with Serial No. 60101 thru 60400)	1
41	323-4	Screw	6
42	3256-27	Washer	1
43	3296-41	Nut, Stop	1
44	5-1053	Rod, Throttle	1
45	3-8871	Pulley, Differential	1
46	3272-6	Pin, Cotter	2
47	3210-14	Screw	2
48	3256-23	Washer	4
49	215-78	Spring, Release	4
50	215-79	Shoe, Brake	4
51	3220-2	Nut, Jam	2
52	3296-4	Nut, Stop	2
53	322-11	Screw	2
54	3217-6	Nut	2
55	321-9	Screw	2
56	3218-1	Nut	2
57	215-77	Washer, Tension	12
58	3-8475	Mount, Caliper	1
59	3-8474	Mount, Caliper	1
60	256-116	Bushing	2
61	215-91	Cam, Brake, Right Hand	1
*	215-92	Cam, Brake, Left Hand	1
62	242-49	Disc, Wheel (Narrow) (Use w/Serial No. 60101 thru 60400)	2
*	217-60	Disc, Wheel (Wide) (Use with Serial No. 60401 & up)	2
63	282-2	Yoke	2
64	283-1	Pin	2
65	5-1533	Capscrew	4

* Not Illustrated

Warranty

The Manufacturer warrants each new piece of equipment sold to be free of defects in material and workmanship. For one year from the purchase date of consumer line equipment or 45 days if sold for commercial use, Toro Manufacturing Corporation will repair or replace for the original purchaser, free of charge, through any Authorized Service Dealer, any part or parts found at our factory in Minneapolis, Minnesota, to be defective under normal use and service. All institutional equipment is warranted for ninety (90) days from the purchase date.

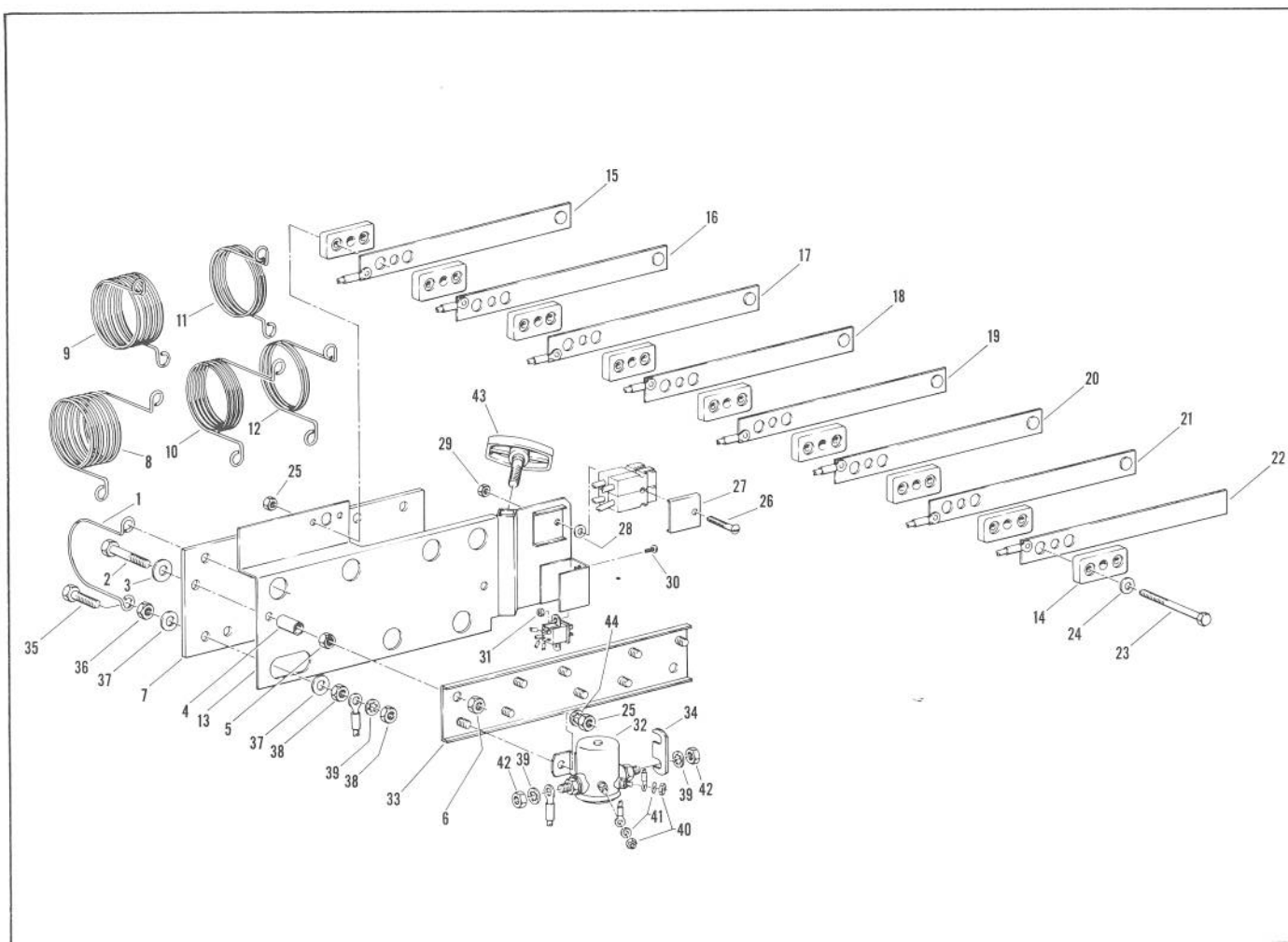
This Warranty does not obligate the Manufacturer to bear the cost of transportation charges in con-

nection with the replacement or repair of defective parts -- nor shall it apply to a machine upon which repairs or alterations have been made, unless authorized by the manufacturer.

This Warranty does not include nor cover standard accessories produced by other manufacturers. Such accessories have separate warranties by their respective manufacturers . . . and repair or exchange will be made on the basis of such warranties, and the policies authorized by them shall be adhered to.

This Warranty is in lieu of all other warranties expressed or implied.

ELECTRICAL PANEL ASSEMBLY



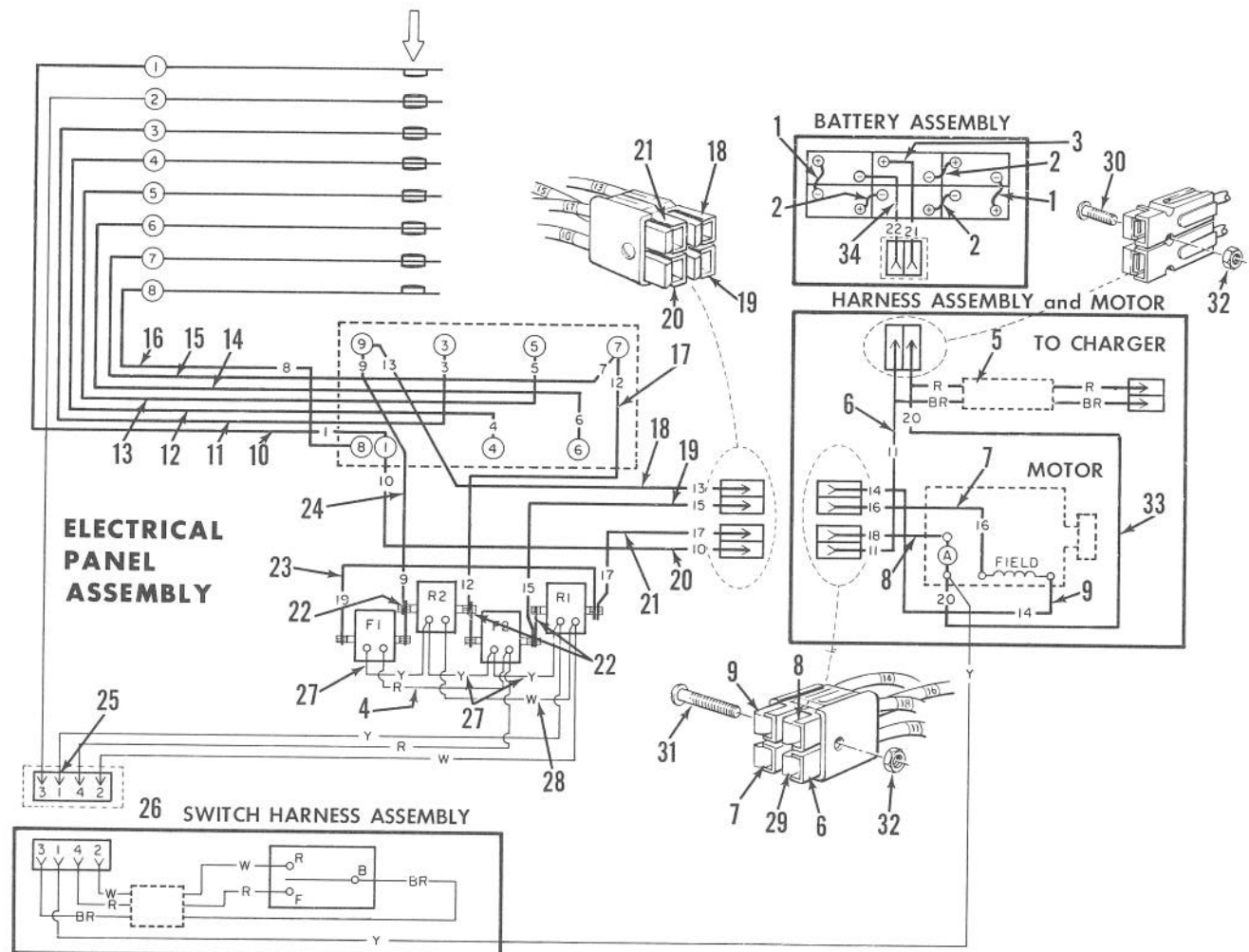
ELECTRICAL PANEL PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	3-8443	Resistance Coil	1
2	322-11	Capscrew	2
3	3256-3	Washer	2
4	3-8476	Spacer	2
5	3218-2	Jam Nut	2
6	3296-29	Stop Nut	2
7	3-8461	Insulation Board	1
8	3-8436	Resistance Coil	1
9	3-8437	Resistance Coil	1
10	3-8438	Resistance Coil	1
11	3-8441	Resistance Coil	1
12	3-8442	Resistance Coil	1
13	3-9288	Mount Assembly	1
14	3-8468	Insulation Spacer	9
15	3-9403	Control Leaf Assembly	1
16	3-9078	Plug Assembly	1
17	3-9401	Control Leaf Assembly	1
18	3-9402	Control Leaf Assembly	1
19	3-9395	Control Leaf Assembly	1
20	3-9397	Control Leaf Assembly	1
21	3-9398	Control Leaf Assembly	1
22	3-9396	Control Leaf Assembly	1
*	3-4939	Electric Panel Ass'y	

Ref. No.	Part No.	Description	No. Used
23	321-24	Capscrew	3
24	3256-22	Washer	3
25	3296-42	Stop Nut	11
26	3251-10	Screw	1
27	3-9292	Plug Support	1
28	3256-14	Washer	1
29	3296-2	Stop Nut	1
30	3249-2	Machine Screw	2
31	32149-6	Keps Nut	2
32	218-288	Solenoid	4
33	3-9293	Solenoid Mount	1
34	3-8444	Conductor Bar	3
35	3-9413	Machine Screw	8
36	3218-13	Jam Nut	8
37	3256-23	Washer	16
38	3217-31	Brass Nut	16
39	3254-2	Lockwasher	16
40	3219-14	Nut	8
41	3253-12	Lockwasher	8
42	3220-2	Jam Nut	8
43	5-0502	Stud & Handle Assembly	1
44	3254-8	S. P. Washer	8

* Not Illustrated

WIRING DIAGRAM



PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	3-8704	Lead, Battery	2
2	3-8703	Lead, Battery	3
3	3-9095	Lead, Battery	1
4	3-8484	Lead, Solenoid	1
5	3-9097	Lead, Charging	1
6	3-9098	Lead, Electrical Panel	1
7	3-9101	Lead, Motor	1
8	3-9102	Lead, Motor	1
9	3-9103	Lead, Motor	1
10	3-9403	Control Leaf Assembly	1
11	3-9401	Control Leaf Assembly	1
12	3-9402	Control Leaf Assembly	1
13	3-9395	Control Leaf Assembly	1
14	3-9397	Control Leaf Assembly	1
15	3-9398	Control Leaf Assembly	1
16	3-9396	Control Leaf Assembly	1
17	3-9072	Lead, Panel	1
18	3-9077	Lead, Panel	1

Ref. No.	Part No.	Description	No. Used
19	3-9076	Lead, Panel	1
20	3-9074	Lead, Panel	1
21	5-0562	Lead, Panel	1
22	3-8444	Bar, Conductor	3
23	3-9071	Lead, Panel	1
24	5-0561	Lead, Panel	1
25	3-9078	Plug Assembly	1
26	5-2091	Harness, Switch	1
27	3-8483	Lead, Solenoid	3
28	3-8485	Lead, Solenoid	1
29	218-290	Module	14
30	3251-7	Screw, Machine	1
31	3251-12	Screw, Machine	1
32	3296-2	Nut, Stop	2
33	5-1474	Lead, Motor	1
34	3-9096	Lead, Battery	1

SPECIFICATIONS

PASSENGER CAPACITY: Two

NUMBER OF WHEELS: Four

BODY: Material - Fiberglass, 1/8" thick - gel coated.
Color available - 5 standard colors: Mayan Turquoise, Signal Red, Pebble Beach White, Bahama Blue, Sun Yellow.

SEATS: Individual, rotate 90 degrees outboard, adjust for and aft. Tubular steel frame, chrome plated. Plastic covered foam filled cushion and back.

FRAME: Welded tubular hi-strength steel.

FLOOR BOARD COVERING: Three piece; molded plastic covers over wheel wells with a spike resistant mat over high wear areas.

TIRES: Front - 16 x 6.50 x 8, 12 lbs. pressure, 2-ply rim tread Terra-tire.

Rear - 16 x 6.50 x 8, 16 lbs. pressure, 2-ply rim tread Terra-tire.

WHEEL DISCS: Drop center rim for 4 hole stud.

BATTERIES: 6 batteries, 6 volt, 2 x 3 package easy-in-out, 180 amp./hour.

GROUND SPEED: Design speed, top: 8-10 mph.

Design speed, optimum: 6-7 mph.

DIMENSIONS:

Overall length: 92"

Overall width: 4 1/2' maximum

Wheel Base: 66"

Ground clearance: 5" loaded

Floor board height: 7" loaded (center of car)

WEIGHT:

Weight (less batteries) 631 lbs. approximately

Weight (Incl. batteries): 1031 lbs. approximately

Vehicle designed for 1600 lbs. gross weight

Vehicle designed for 500 lbs. passenger weight

Vehicle designed for 100 lbs. misc. weight

FRONT SUSPENSION:

Type: parallel leaf spring with king pins.

Springs: 1/4 x 2 1/2, 5160 spring steel (leaf type)

Wheel bearings: Sealed, tapered roller bearings.

Cars can be towed from right front wheel.

(Maximum - 2 cars towed at one time)

REAR SUSPENSION:

Type: Independent suspension with swing axles supported by torsion bar with flexible trailing links.

Torsion bar: 3/4 square bar of 6150 spring steel, center anchored and enclosed.

Axle bearings: twin row ball bearing sealed.

Trailing link: 1/8" spring steel (1075)

DIFFERENTIAL AND REAR AXLE (REAR DRIVE):

Type: Dana No. 2512-2 modified swing axle with Poly-V-belt.

Ratio: 12.25 : 1 (in gear box)

Lubrication requirement: EP 80-90

Input drive: Poly-V-belt

Driver: 3.00 O.D. Ratio: 1.33 : 1

Driven: 4.00 O.D.

Motor: 1 1/2 H.P. at 2800 RPM 36V (G.E.)

Total reduction: Motor to rear wheels: 16.3 : 1

CONTROL SYSTEM:

Type: Foot controlled multi-leaf step switch with voltage dropping resistor and field shunt for high speed control. Key switch controlled solenoids for changing direction of travel.

Switch: Beryllium copper leaves (8) with braced silver cadmium oxide contacts; cam operated from accelerator pedal.

Resistor: Five units coiled from #8 gauge Nichrome wire. Single loop field shunt for high speed. All resistance units mounted on asbestos cement panel.

Reversing switch: Key type; mounted between seats, spring return on reverse position. Switch controls normally open solenoids for reversing direction. Switch circuit energized only when accelerator is depressed.

SOLENOIDS: 32V. Normally open.

BRAKES:

Type: Mechanically actuated disc type, acting on each rear wheel independently; mounted on transmission output yoke.

Caliper unit: Number 375 PH (H & H Products)

Lining: Molded asbestos, 4 square inches.

Disc diameter: 8.0".

Brake pedal: Dual pedals - suspended.

Parking brake: Pushing brake pedal beyond service brake position locks rear wheels. Parking brake released automatically with foot pressure on throttle pedal.

STEERING GEAR:

Type: Spur gear sector and pinion, 2 turns lock to lock. Steering wheel adjustable in three positions: right, center and left of front seat.

Steering wheel: Round Detroit Marine "Pathfinder" No. 5 model with inlay.

Minimum turning radius: 12 feet (approx). Outside front wheel.

Steering wheel clearance: Center position to floor 25 inches.

Steering wheel angle: 39 degrees from vertical.

Steering geometry: To be within 1% perfect at all angles of "A" and "B" steering geometry will incorporate caster and camber.

OPTIONAL EQUIPMENT:

Canopy, tow bar and tow bar bracket, battery charger, service trailer.