FORM NO. 42965

TORO

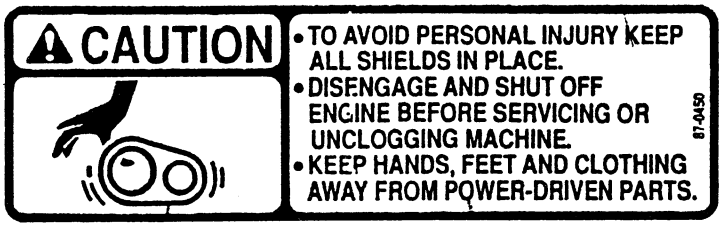
MODEL NO. 41101-20101 & UP

PARTS MANUAL

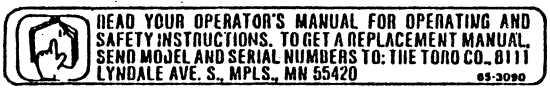
MULTI-PRO 1100
VEHICLE

SAFETY AND INSTRUCTION DECALS

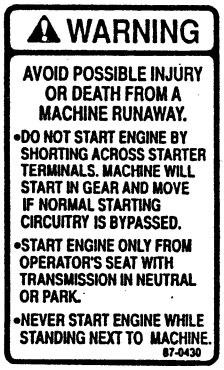
The following decals are installed on the machine. If any become damaged or illegible, replace it. The decal part number is listed below.



#87-0450 Located on top of Engine Air Cleaner



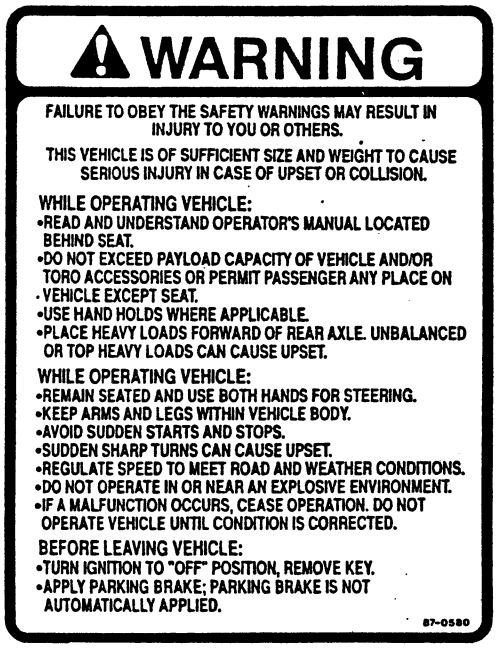
#65-3090 Located on Dash Panel, below Steering Column.



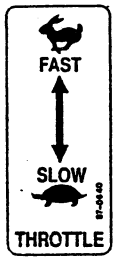
#87-0430 Located on left-hand side of Seat Support



#41174 Located on Seat Support, next to Pump Control Handle.



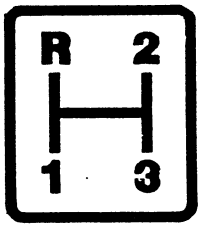
#87-0580 Located on floor board, behind Console.



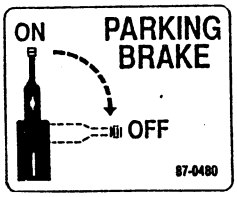
#87-0640 Located on Seat Support, next to Throttle.



#41176 Located on Dash Panel, next to Key Switch.



#41173 Located on right-hand side of Seat Support, next to Gear Shift Lever.



#87-0480 Located on floor board, next to Emergency Brake.

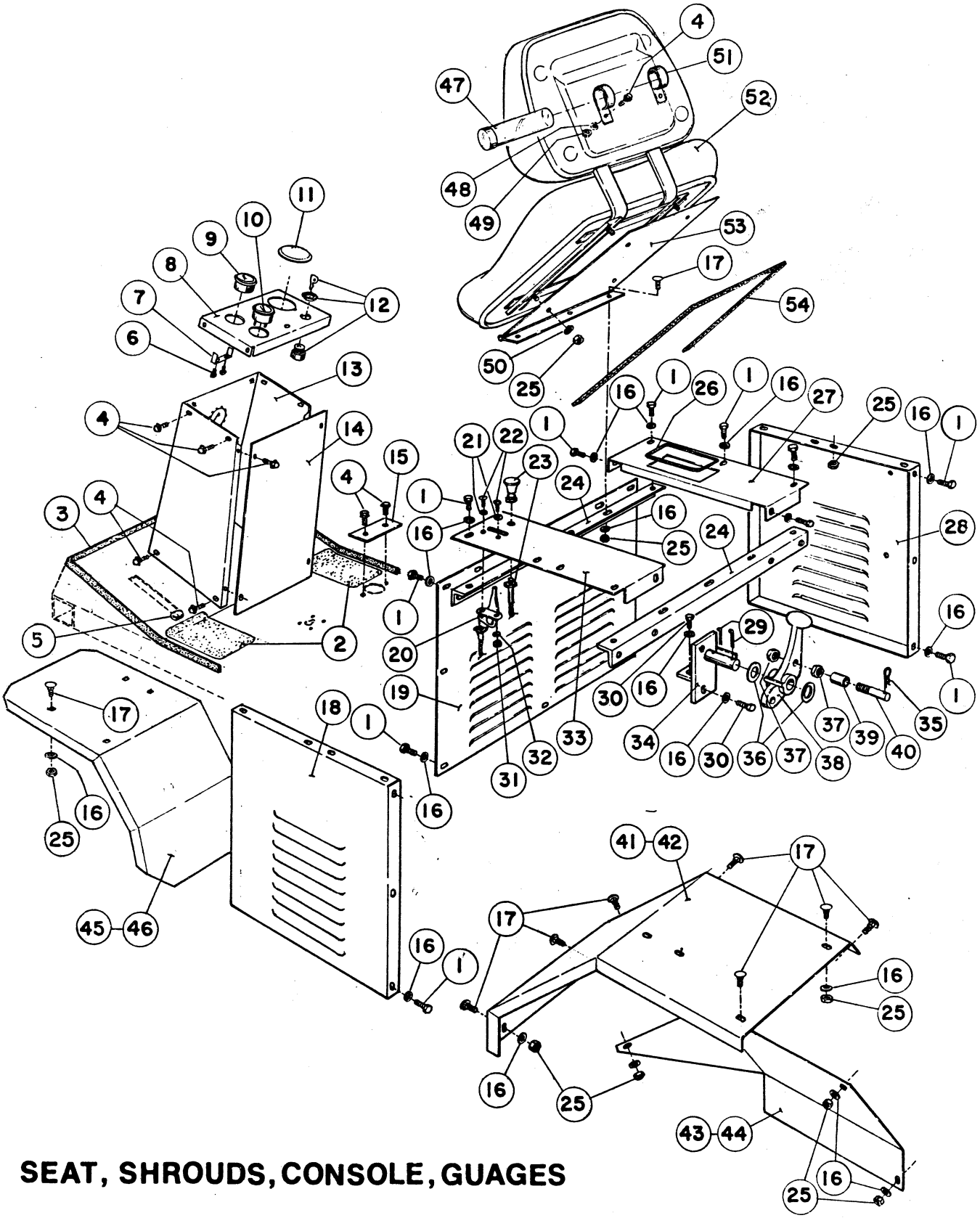
TORO

#66-6140 Located on Console Front.

MULTI PRO 1100

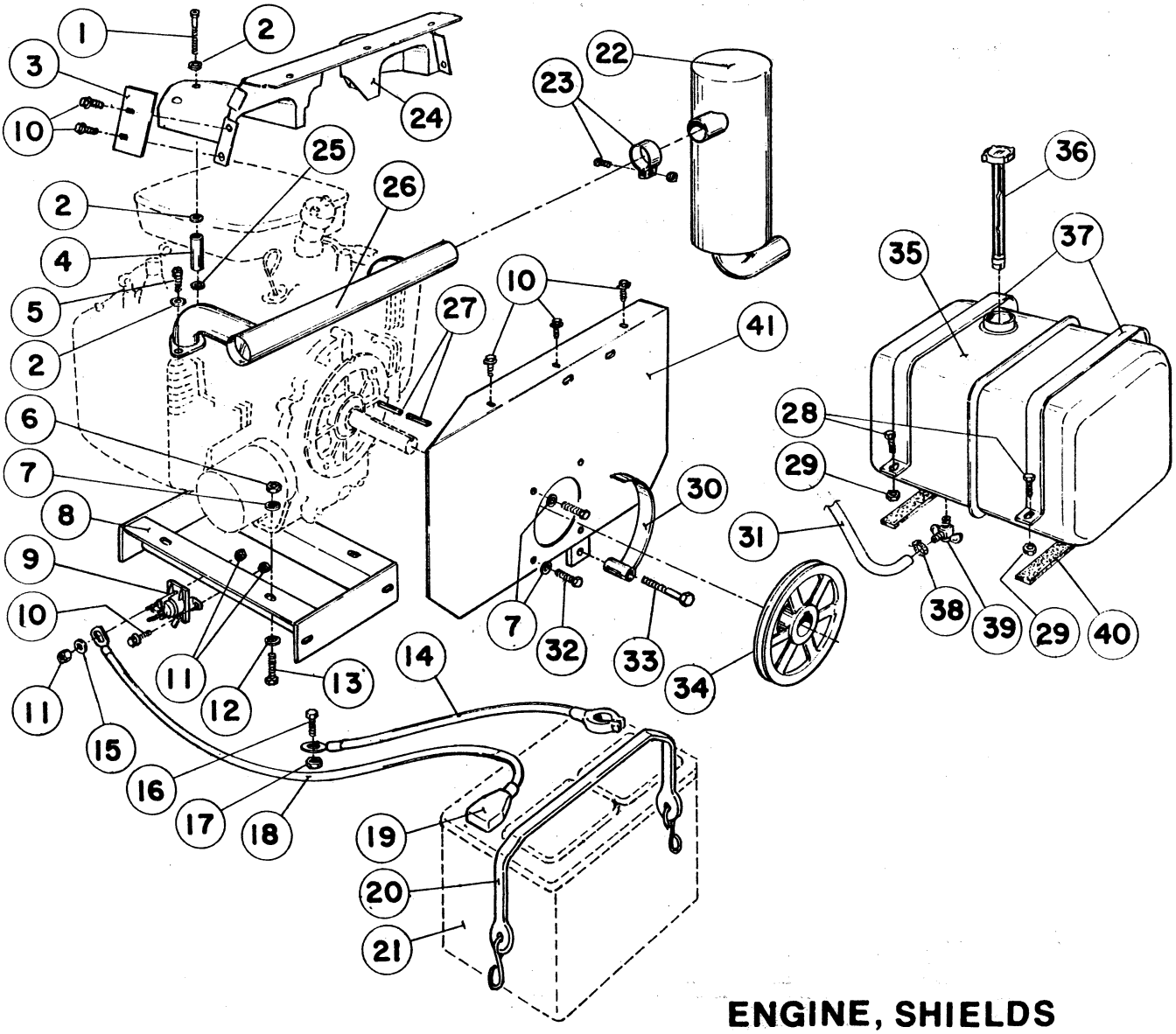
#87-0630 Located on Console Front.

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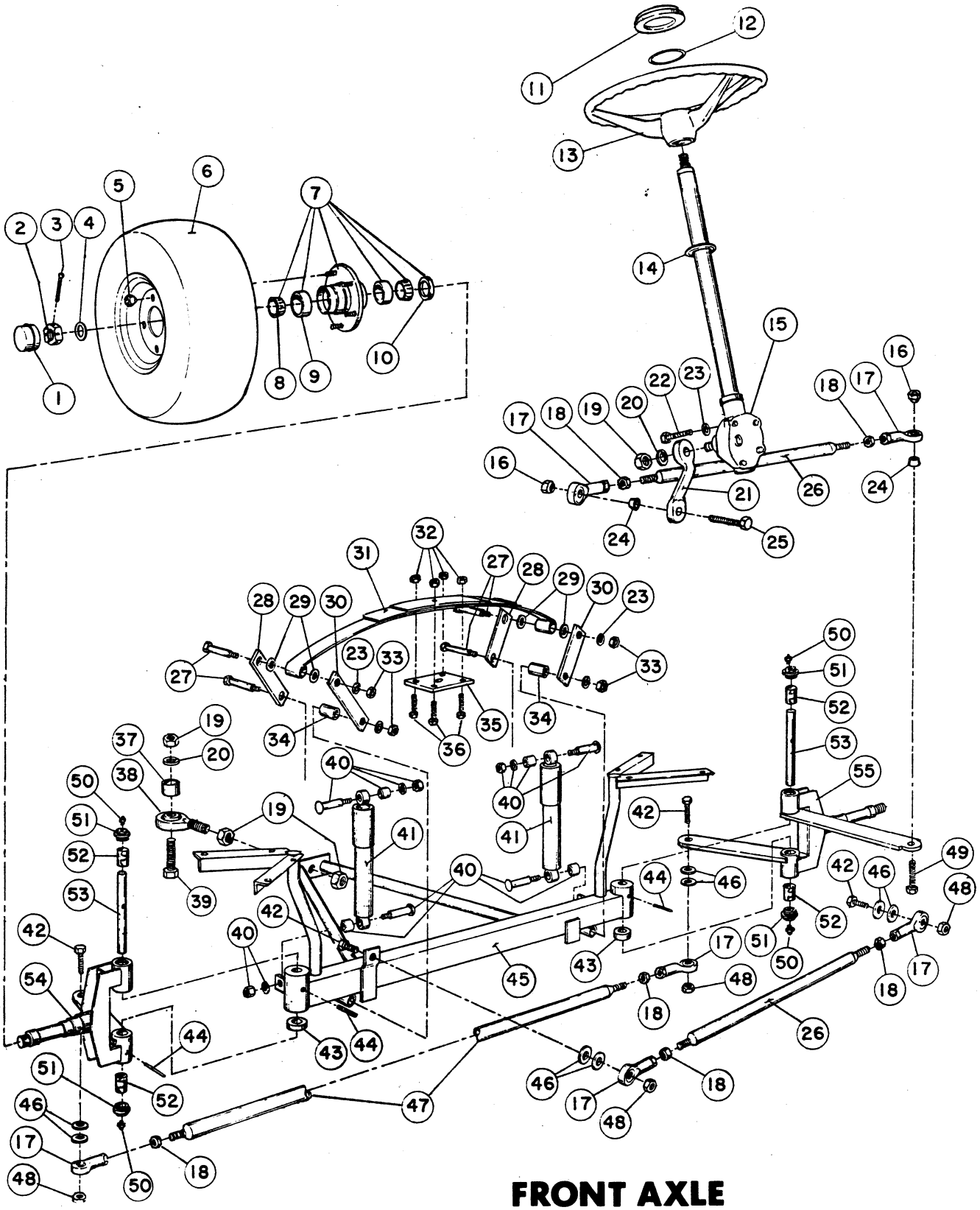
SEAT, SHROUDS, CONSOLE, GUAGES

REF	PART NO.	DESCRIPTION	QTY
1	20-24-AGD	Hex Hd Cap Screw, 5/16 NC x 3/4	21
2	41132	Safety Track	2
3	42767	Floor Trim	1
4	34-140-AMVD	Hex Washer Hd, Self-Tap Screw, 1/4 NC x 5/8	16
5	41754	Pedal Stop-Rubber	2
6	34-94-AMVD	Hex Washer Hd Self-Tap Screw, #10 x 3/8	2
7	41116	Mtg Bracket - Amp Gauge	1
8	41749	Dash Assy.	1
9	41115	Amp Gauge	1
10	41113	Hour Meter	1
11	42591	Hole Plug	1
12	31872	Key Switch	1
13	41747	Console Wrapper Assy	1
14	40145	Console Cover - Rear	1
15	40121	Cylinder Cover Plate	1
16	24-10-BD	Flat Washer, 5/16 S.A.E.	49
17	25-25-AGD	Carriage Bolt, 5/16 NC x 3/4	25
18	42972	Side Panel - Left Hand	1
19	41680	Front Panel	1
20	41696	Throttle Control & Knob Assy	1
21	24-7-BD	Flat Washer, #10	2
22	34-99-AMVD	Hex Washer HD, Self-Tap Screw, #10 NC x 3/4	2
23	41697	Choke Control	1
24	41684	Seat Box Angle Assy	2
25	22-12-AJD	Hex Nut, 5/16 NC	18
26	41136	Transmission Trim	1
27	41682	Top Panel - Right Hand	1
28	41753	Side Panel - Right Hand	1
29	28-19-D	Cotter Pin, 1/8 x 1 1/4	2
30	20-26-AGD	HHCS, 5/16 NC x 1"	2
31	22-9-AJD	Hex Nut, #10 NC	2
32	23-7-GD	Lock Washer, #10	2
33	41683	Top Panel - Left Hand	1
34	41690	Handle Brkt. Assy	1
35	328967	Hair Pin Cotter	1
36	358042	Flat Washer	2
37	22-13-AJD	Hex Nut, 3/8 NC	2
38	561555	Pump Handle	1
39	41695	Spacer	1
40	41694	Handle Pin	1
41	42975	Rear Fender - L.H. (Shown)	1
42	42973	Rear Fender - R.H.	1
43	42976	Inner Fender - L.H. (Shown)	1
44	42974	Inner Fender - R.H.	1
45	42763	Front Fender - L.H.	1
46	42762	Front Fender - R.H.	1
47	42559	Storage Tube - Manuals	1
48	24-9-AD	Flat Washer, 1/4	2
49	22-11-AJFD	Lock Nut, 1/4 NC	2
50	23-10-GD	Lock Washer, 5/16	4
51	42560	Tube Mounting Bracket	2
52	40554	Seat Assembly	1
53	41686	Seat Panel Assy.	1
54	41689	Seat Trim	1



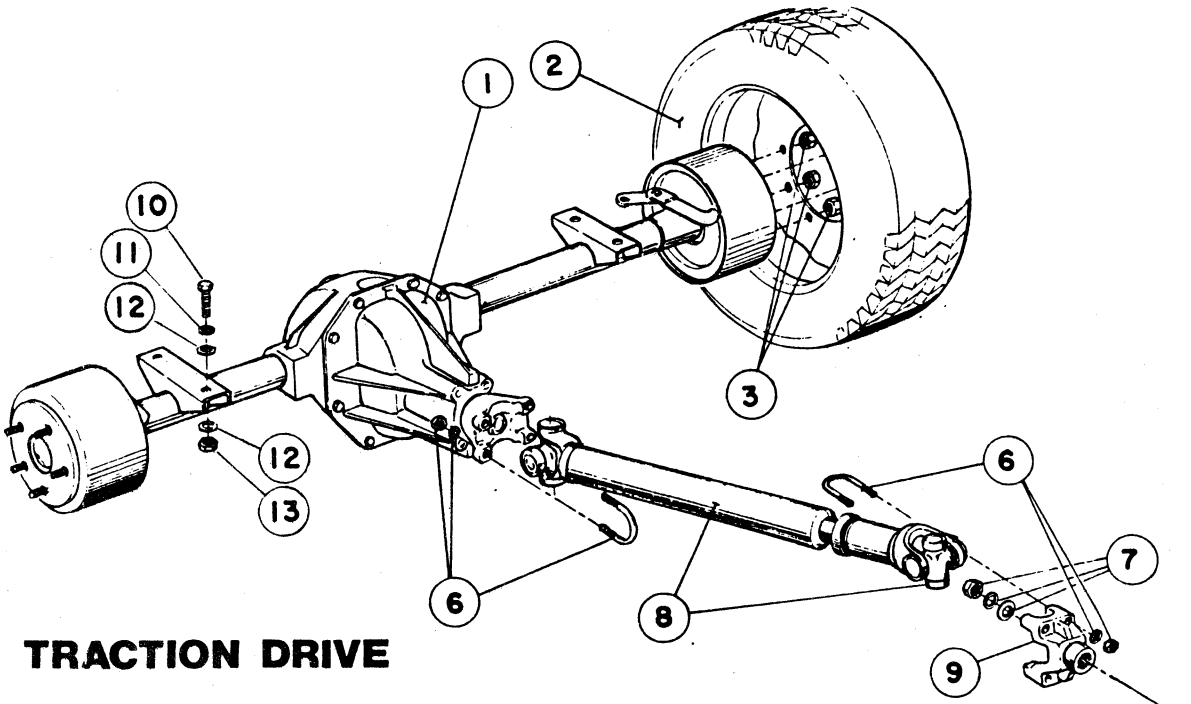
ENGINE, SHIELDS & ACCESSORY DRIVE

REF	PART NO.	DESCRIPTION	QTY
1	20-36-AJD	HHCS, 5/16 NC x 3 1/2"	2
2	24-10-BD	Flat Washer, 5/16 S.A.E.	6
3	42831	Heat Deflector Plate	1
4	41672	Tube Spacer	2
5	26-99-AC	Skt. Hd. Cap Screw, 5/16 NC x 3/4	2
6	22-13-BJD	Hex Nut, 3/8 NF	4
7	24-11-AD	Flat Washer, 3/8	10
8	41662	Engine Base Assembly	1
9	41019	Solenoid	1
10	34-140-AMVD	Hex Washer Hd Self-Tap Screw	7
11	22-11-AJD	Hex Nut, 1/4 NC	4
12	23-11-GD	Lock Washer, 3/8	4
13	20-49-BGD	HHCS, 3/8 NF x 1-1/2	4
14	99060	Battery Cable - Ground	1
15	24-9-BD	Flat Washer, 1/4 S.A.E.	1
16	20-45-AD	HHCS, 3/8 NC x 3/4"	1
17	22-13-AJD	Hex Nut, 3/8 NC	1
18	41122	Battery Cable & Cap	1
19	41138	Protective Cap (f/w 41122 Cable)	1
20	97129	Battery Strap	1
21		Battery, 12-Volt	1
22	41669	Muffler	1
23	41671	Muffler Clamp	1
24	41668	Air Duct (f/w Engine)	1
25	41723	Ring, Circular Push-On	2
26	41670	Header Pipe	1
27	314233	Sq. Key, 1/4 x 1-1/2	2
28	20-6-AD	HHCS, 1/4 NC x 1-1/4	4
29	22-11-AJFD	Hex Lock Nut	4
30	41676	Belt Guide Assy - Sprayer	1
31	40149	Hose - Tank to Engine	1
32	20-48-AD	HHCS, 3/8 NC x 1-1/4"	4
33	20-71-AGD	HHCS, 7/16 x 2-1/4"	1
34	40022	Engine Pulley - Sprayer	1
35	419018	Fuel Tank Assy	1
36	41117	Fuel Cap & Guage	1
37	431366	Fuel Tank Strap	2
38	97406	Hose Clamp	2
39	409012	Shut-Off Valve	1
40		Armaflex Strip	NS
41	41673	Heat Shield Assy.	1

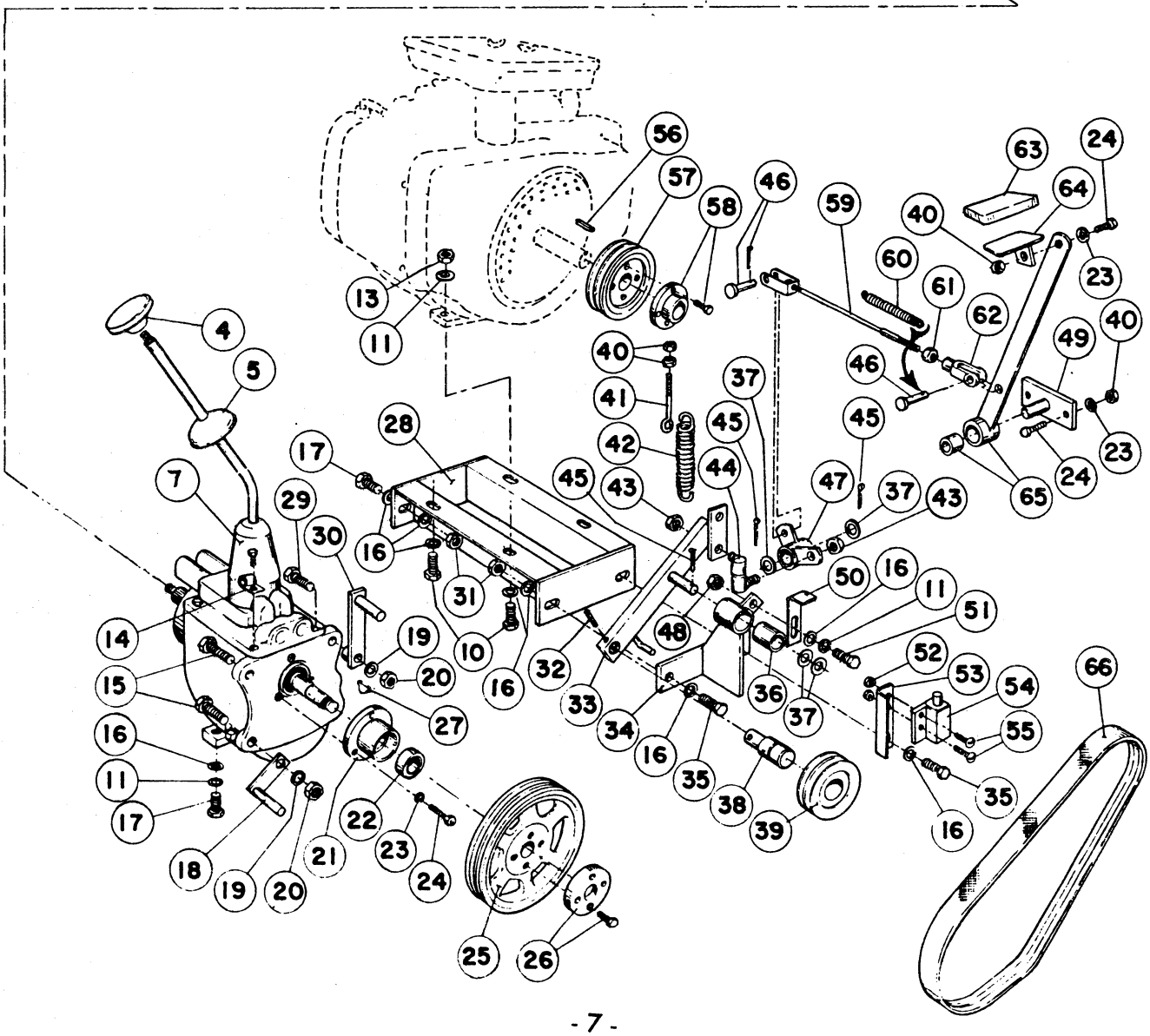


FRONT AXLE

REF	PART NO.	DESCRIPTION	QTY
1	40438	Dust Cap (f/w Hub Assy.)	2
2	22-18-BJLD	Hex Slotted Nut, 3/4 NF	2
3	28-20-C	Cotter Pin, 1/8 x 1 1/2	2
4	358042	Special Flat Washer	2
5	321077	Wheel Nut (f/w Hub Assy)	10
6	404504	Front Wheel & Tire Assy	2
	404683	Front Wheel Rim	2
	330802	Front Tire	2
7	40085	Hub Assy	2
8	40440	Cone (f/w Hub Assy.)	4
9	40439	Cup (f/w Hub Assy.)	4
10	41321	Seal (f/w Hub Assy.)	2
11	41126	Cap	1
12	41127	O-Ring	1
13	41125	Steering Wheel	1
14	40764	Grommet	1
15	629114	Steering Gear Assy	1
16	7436	Lug Nut, 1/2 NF	2
17	522087	Rod End, 1/2 NF	6
18	22-15-BJKD	Hex Jam Nut, 1/2 NF	6
19	22-18-BJC	Hex Nut, 3/4 NF	3
20	23-17-GD	Lock Washer, 3/4	1
21	40021	Pitman Arm	1
22	20-67-AGD	HHCS, 7/16 NC x 1 1/4	3
23	23-12-GD	Lock Washer, 7/16	7
24	40536	Dowel	2
25	20-91-BGD	HHCS, 1/2 NF x 2 1/2" (Grade 5)	1
26	42689	Steering Tube Assy.	2
27	42599	Shoulder Bolt	4
28	42776	Shackle - Rear	2
29	24-14-AD	Flat Washer, 9/16	8
30	42777	Shackle - Front	2
31	42588	Spring - Leaf	1
	42589	Bushing (f/w Spring)	2
32	22-13-AJFD	Lock Nut, 3/8 NC	4
33	22-14-AJD	Hex Nut, 7/16 NC	4
34	42592	Bushing - Shackle	2
35	42575	Spring Mounting Plate	1
36	20-51-AGD	HHCS, 3/8 NC x 2" (Grade 5)	4
37	42772	Spacer Tube	1
38	522085	Rod End, 3/4 NF	1
39	20-143-BGD	HHCS, 3/4 NF x 2 3/4"	1
40	42691	Bolt Assy.	4
41	42690	Shock Absorber	2
42	20-88-BGD	HHCS, 1/2 NF x 1 3/4 (Grade 5)	4
43	307358	Thrust Bearing	2
44	29-199-C	Spring Pin, 1/4 x 2"	2
45	42741	Front Axle Assy.	1
46	24-13-AD	Flat Washer, 1/2	8
47	40086	Steering Tube Assy.	1
48	22-15-BJFD	Lock Nut, 1/2 NF	4
49	20-89-BGD	HHCS, 1/2 NF x 2" (Grade 5)	1
50	361011	Grease Fitting	4
51	539048	Special Plug	4
52	728062	King Pin Bearing	4
53	40081	King Pin	2
54	40078	Yoke Assy. (Right Hand)	1
55	42753	Yoke Assy. (Left Hand)	1

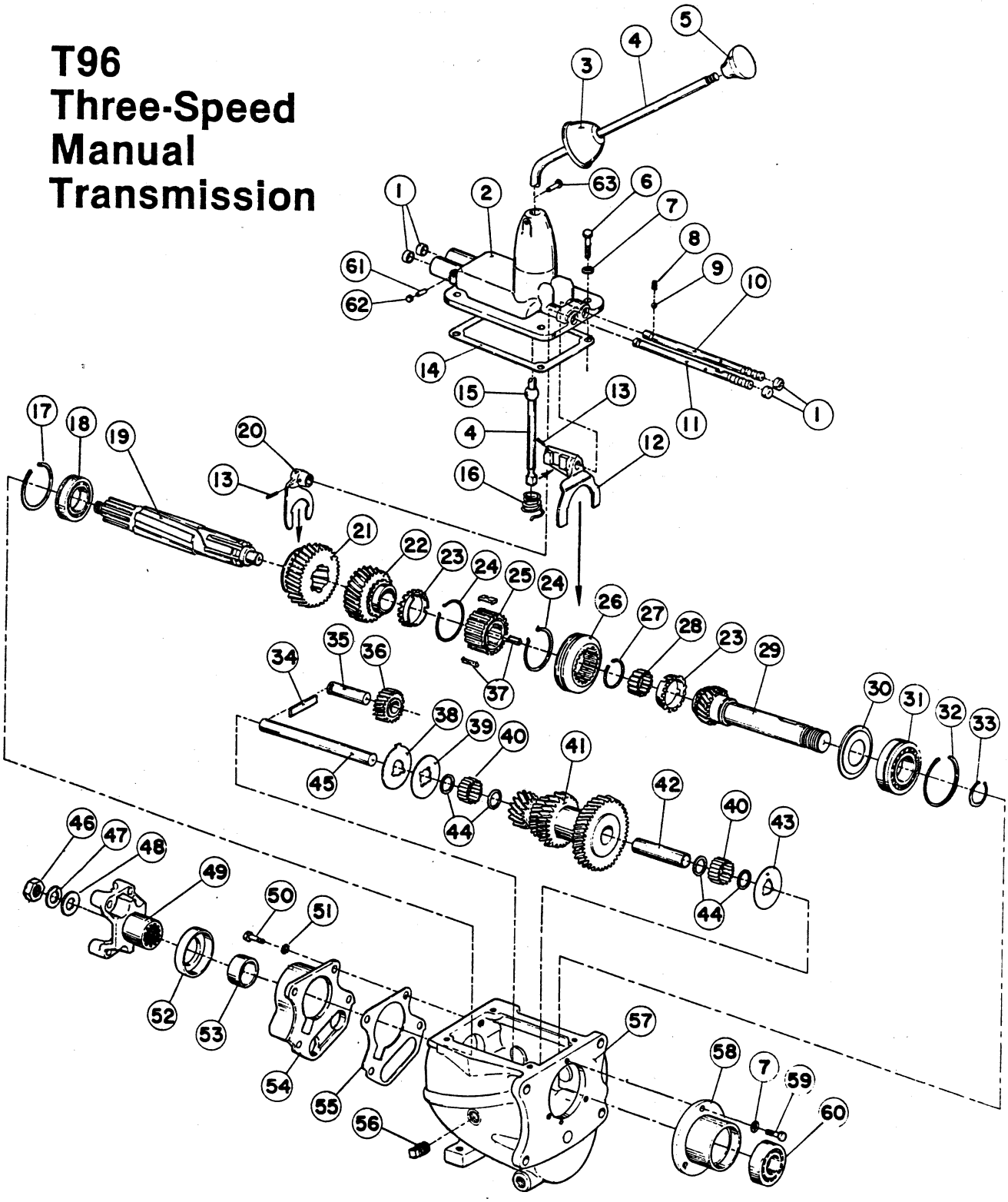


TRACTION DRIVE



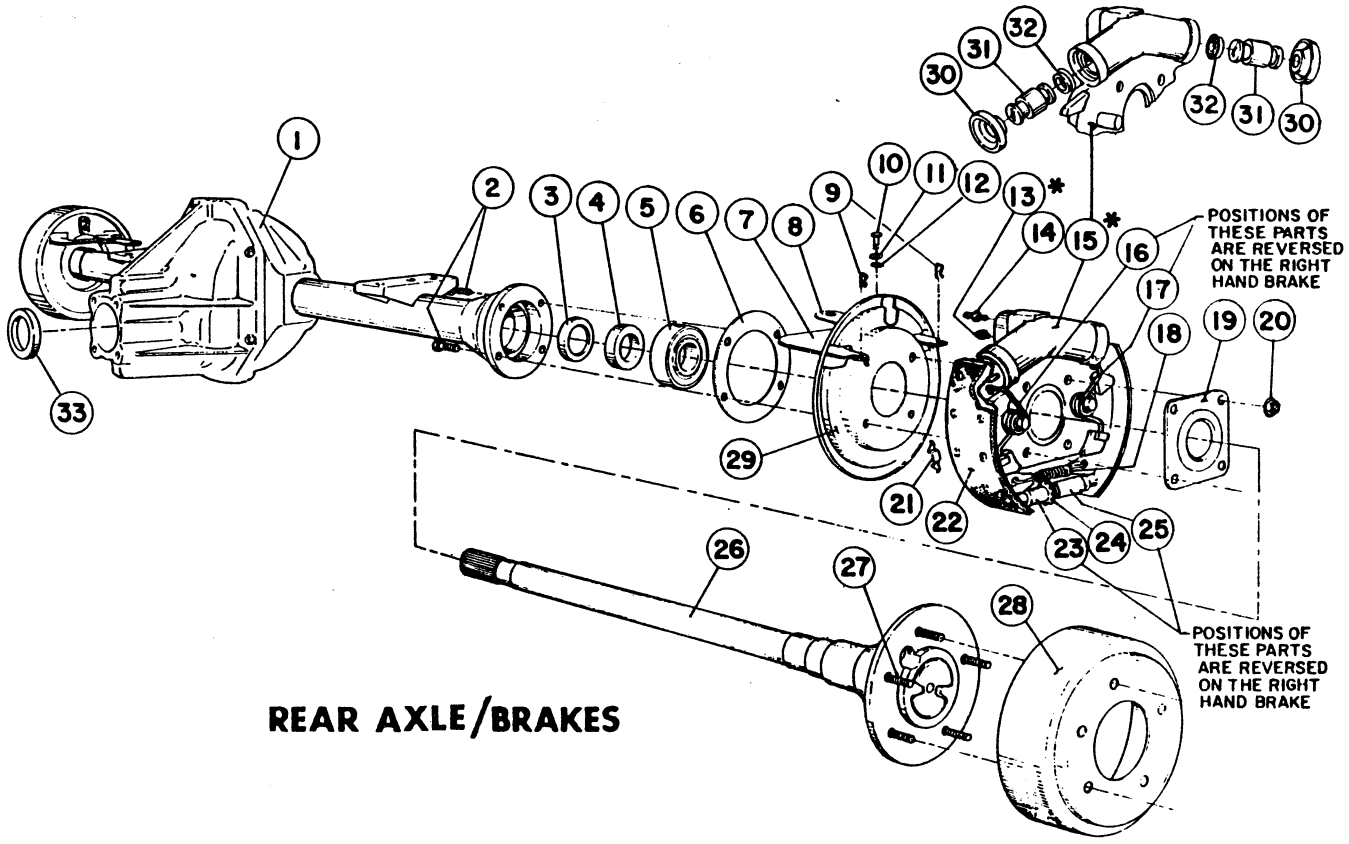
REF	PART NO.	Description	QTY
1	40117	Rear Axle Assy	1
2	42684	Rear Wheel & Tire Assy	2
	42685	Tire (f/w 42684 Assy)	2
	42667	Wheel Rim (f/w 42684 Assy)	2
3	321077	Wheel Nut	10
4	41112	Gear Shift Knob	1
5	7275	Rubber Boot	1
6	40220	U-Bolt Assy	4
7	41004	Transmission (T-96)	1
8	380002	Drive Shaft Assy	1
	41773	Journal & Bearings (F/W 380002)	2
9	41005	Output Yoke - Transmission	1
10	20-48-BGD	HHCS, 3/8 NF x 1-1/4	8
11	23-11-GD	Lock Washer, 3/8	11
12	24-11-BD	Flat Washer, 3/8 S.A.E.	8
13	22-13-BJD	Hex Nut, 3/8 NF	8
14	41230	Clamp	1
15	20-68-AGD	HHCS, 7/16 NC x 1-1/2	3
16	24-11-AD	Flat Washer, 3/8	15
17	20-47-AGD	HHCS, 3/8 NC x 1"	4
18	40547	Belt Guide Assy	1
19	23-12-GD	Lock Washer, 7/16	4
20	22-14-AJD	Hex Nut, 7/16 NC	4
21	7202	Bearing Housing	1
22	6610	Transmission Bearing	1
23	23-10-GD	Lock Washer, 5/16	6
24	20-26-AGD	HHCS, 5/16 NC x 1"	6
25	40015	Transmission Pulley, (7.0" P.D.)	1
26	41017	Bushing (15/16" Bure) incls. fasteners	1
27	27-28-C	Woodruff Key (#809)	1
28	41662	Engine Base Assy	1
29	20-71-AGD	HHCS, 7/16 NC x 2-1/4"	1
30	41700	Belt Guide Assy	1
31	22-13-AJFD	Lock Nut, 3/8 NC	4
32	29-108-C	Spring Pin, 3/16 x 1"	1
33	41654	Idler Assy	1
34	41651	Clutch Pivot Assy	1
35	20-50-AGD	HHCS, 3/8 NC x 1 3/4"	2
36	307283	Bearing (f/w Clutch Pivot Assy.)	1
37	358042	Special Washer	7
38	40115	Bearing	1
39	40018	Idler Pulley	1
40	22-12-AJD	Hex Nut, 5/16 NC	5
41	92032	Eye Bolt	1
42	5206	Clutch Spring	1
43	22-13-BJFD	Lock Nut, 3/8 NF	2
44	41703	Ball Joint Assy	1
	41704	Ball Joint (f/w 41703)	2
	41705	Threaded Rod, 3/8 NF (f/w 41703)	1
45	28-19-D	Cotter Pin, 1/8 x 1 1/4	5
46	40258	Clevis Pin & Cotter Assy	2
47	41658	Rocker Arm Assy	1
	307276	Bearing (f/w 41658 Assy)	1
48	22-13-AJD	Hex Nut, 3/8 NC	1
49	42754	Pivot Assy.	1
50	40538	Belt Guide	1
51	20-47-AGD	HHCS, 3/8 NC x 1"	1
52	22-9-AJFD	Lock Nut, #10 NC	2
53	41664	Clutch Switch Mtg. Brkt	1
54	41103	Safety Interlock Switch	1
55	34-99-AMVD	Hex Washer Hd. Self-Tap Screw, #10 NC x 3/4	2
56	314233	Square Key, 1/4"	1
57	40016	Engine Pulley (4.0" P.D.)	1
58	40014	Engine Bushing (1.0" Bore)	1
59	41744	Clutch Cable Assy	1
60	41469	Spring	1
61	22-12-BJKD	Hex Jam Nut, 5/16 NF	1
62	40019	Clevis, 5/16 NF	1
63	42719	Pedal Pad	1
64	42716	Pedal Mtg. Brkt.	1
65	40239	Clutch Arm Assy	1
	307276	Bearing (f/w Clutch Arm Assy.)	1
66	41679	Vehicle Drive Belt	1

T96 Three-Speed Manual Transmission



NOTE: APPLY A SILICONE SEALANT BETWEEN THE TRANSMISSION CASE(57) AND THE BEARING RETAINER(58). ALSO, ON THE THREADS OF THE CAP SCREWS(59).

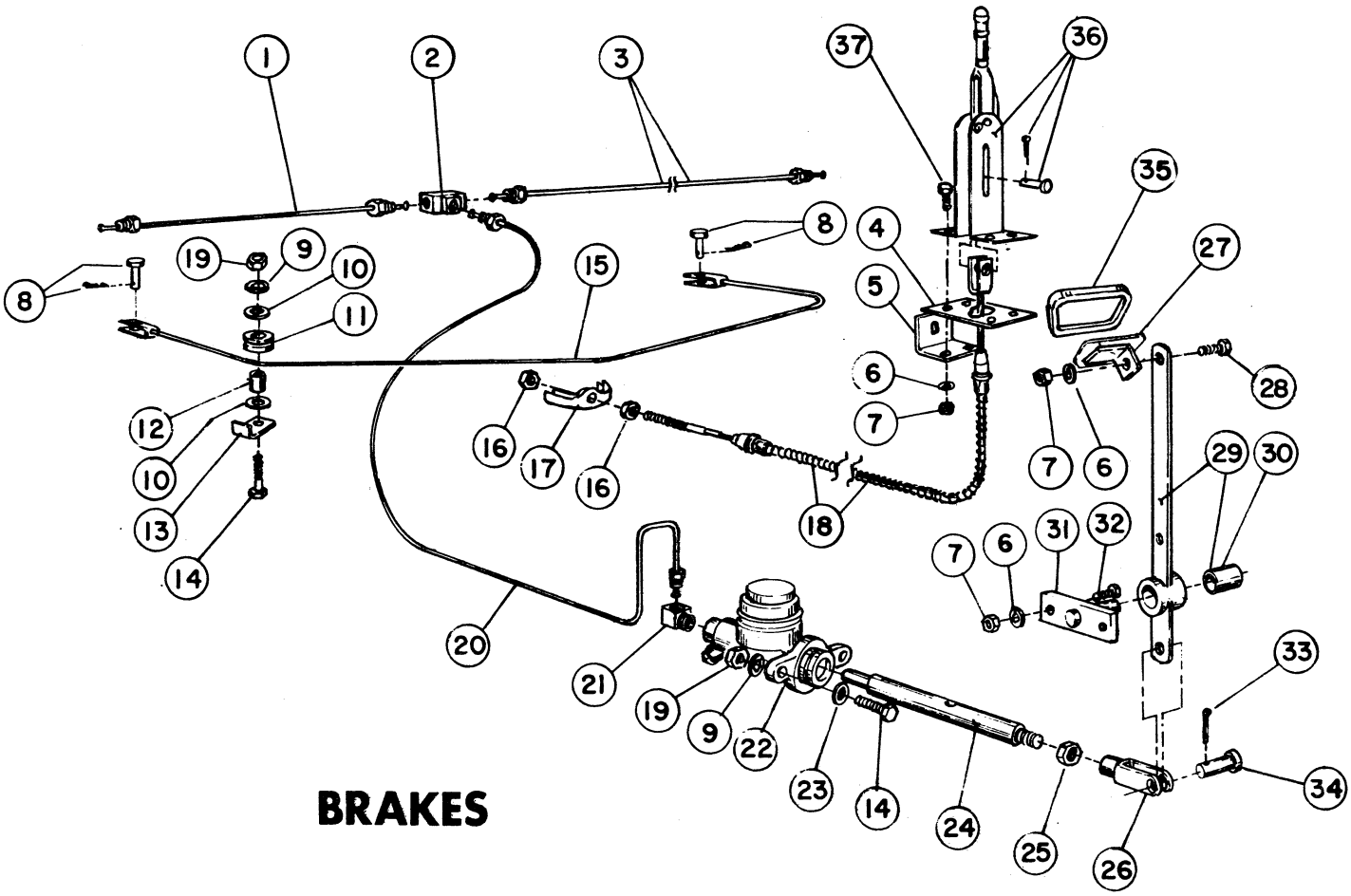
REF	PART NO.	DESCRIPTION	QTY
1	41032	Shift Rail Cap	4
2	41033	Top Cover	1
3	7275	Rubber Boot	1
4	41034	Shift Lever	1
5	41112	Knob	1
6	20-24-AGD	H.H.C.S. 5/16 NC x 3/4	4
7	23-10-GD	Lock Washer, 5/16	7
8	27674	Poppet Spring	2
9	7257	Steel Ball	2
10	41039	Shift Rail (High & Intermediate)	1
11	41040	Shift Rail (Low & Reverse)	1
12	41041	Shift Fork (High & Intermediate)	1
13	41042	Gear Shift Fork Pin	2
14	41043	Top Cover Gasket	1
15	41044	Fulcrum Ball	1
16	41045	Control Lever Spring	1
17	41046	Snap Ring	AR
18	41047	Rear Bearing	1
19	41048	Main Shaft	1
20	41049	Shift Fork (Low & Reverse)	1
21	41050	Low & Reverse Gear	1
22	41051	Second Gear & Bushing Assembly	1
	41052	Second Gear Bushing (f/w Ref. #22)	1
23	41053	Blocking Ring	2
24	41054	Syncro Spring	2
25	41055	Clutch Hub	1
26	41056	Clutch Sleeve	1
27	9302	Snap Ring-Clutch Hub	1
28	7290	Roller Set (13)	1
29	7288	Input Shaft	1
30	41057	Oil Baffle	1
31	41058	Front Bearing	1
32	41059	Snap Ring	AR
33	41060	Snap Ring	AR
34	41061	Lock Plate	1
35	41062	Reverse Idler Shaft	1
36	41063	Reverse Gear & Bushing Assembly	1
	41064	Reverse Gear Bushing (f/w Ref. #36)	1
37	41065	Shifting Plate	3
38	41066	Thrust Washer	1
39	41067	Rear Thrust Washer	1
40	9304	Cluster Roller Bearings (40)	2
41	41068	Countershaft Gear	1
42	41069	Bearing Spacer	1
43	41070	Front Thrust Washer	1
44	9301	Bearing Spacer	4
45	41071	Countershaft	1
46	41072	Rear Nut-Mainshaft	1
47	41073	Lock Washer-Mainshaft	1
48	41074	Flat Washer-Mainshaft	1
49	41005	Output Yoke	1
50	20-64-AGD	H.H.C.S., 7/16 NC x 3/4	4
51	33-12-GD	Lock Washer, 7/16	4
52	41077	Rear Seal	1
53	41082	Mainshaft Spacer	1
54	41078	Rear Bearing Retainer	1
55	41079	Rear Bearing Retainer Gasket	1
56	41080	Pipe Plug	1
57	41081	Transmission Case	NS
58	7202	Front Bearing Retainer	1
59	20-26-AGD	H.H.C.S., 5/16 NC x 1"	3
60	6610	Bearing	1
61	41037	Interlock Plunger	1
62	41038	Taper Plug	1
63	40604	Control Housing Pin	1



REAR AXLE/BRAKES

REF	PART NO.	DESCRIPTION	QTY
1	40117	Rear Axle Assy	1
2	40452	Hex Hd Bolt	8
3	40455	Oil Seal	2
4	40454	Bearing Retainer Ring	2
5	40453	Bearing Assembly	2
6	40451	Wheel Bearing Gasket	2
7	40464	Strut Assembly	2
8	40468	Lever - Parking Brake	2
9	40474	Retainer - Parking Brake Lever Pin	4
10	40467	Pin	2
11	40466	Spring Washer - Antirattle	2
12	40465	Retainer - Parking Brake Lever Pin	2
13	*41487	Seat - Tube	2
14	40460	Screw - Bleeder	2
15	*40462	Torque Spider - Finished	2
16	40471	Spring - Shoe Return (L.H.)	2
17	40472	Spring - Shoe Return (R.H.)	2
18	40473	Spring Adjusting Screw	2
19	40450	Oil Seal	2
20	40449	Hex Nut	8
21	40476	Spring - Shoe Hold Down	4
22	40567	Shoe & Lining Assy - Primary & Secondary	2
23	40458	Socket - Adjusting Screw	2
24	40456	Adjusting Screw	2
25	40457	Pivot Nut - Adjusting Screw	2
26	40445	Flange Axle Shaft - R.H.	1
	40446	Flange Axle Shaft - L.H.	1
27	40447	Wheel Bolt	10
28	40448	Drum	2
29	40475	Dust Shield	2
30	40459	Boot & Ring Assy - Wheel Cylinder	4
31	40463	Piston - Wheel Cylinder	4
32	40461	Cup - Hydraulic	4
33	42162	Front Transmission Seal	1

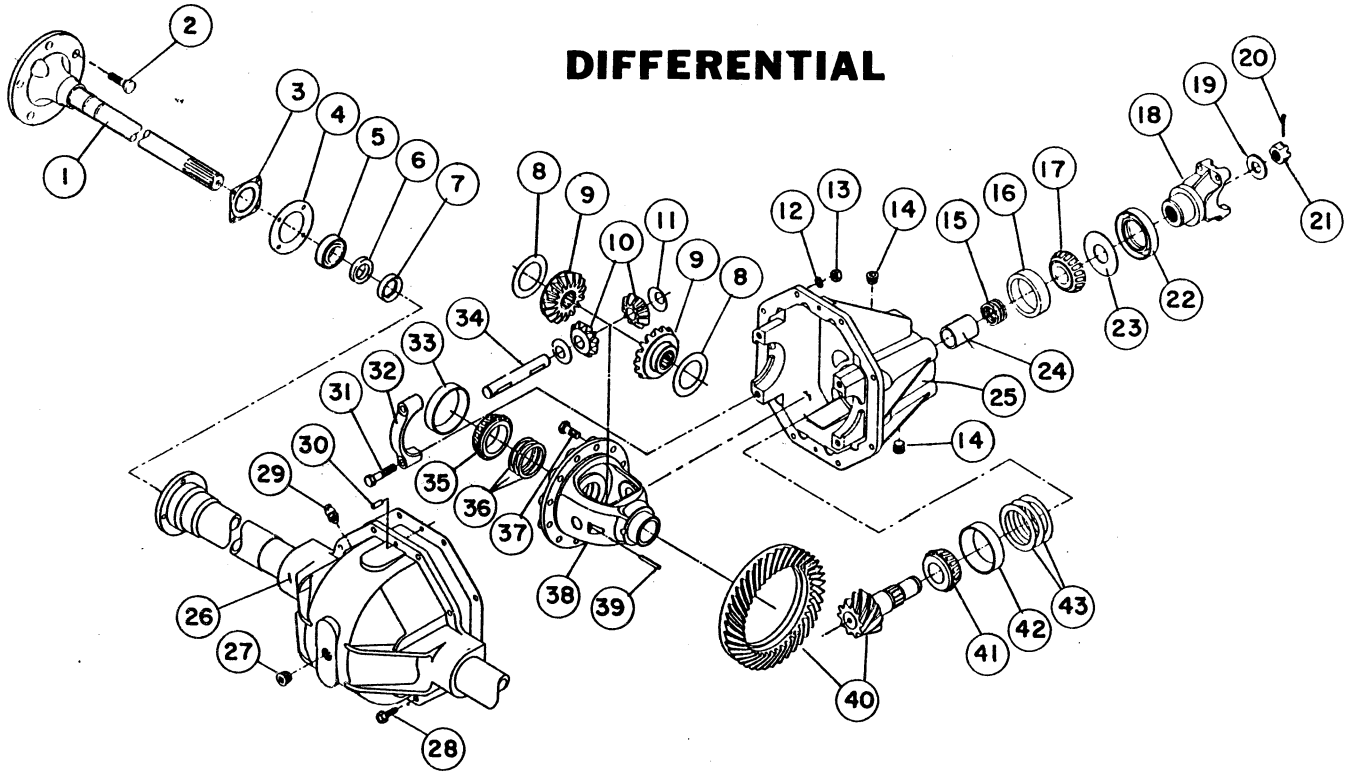
* These items must be ordered together.



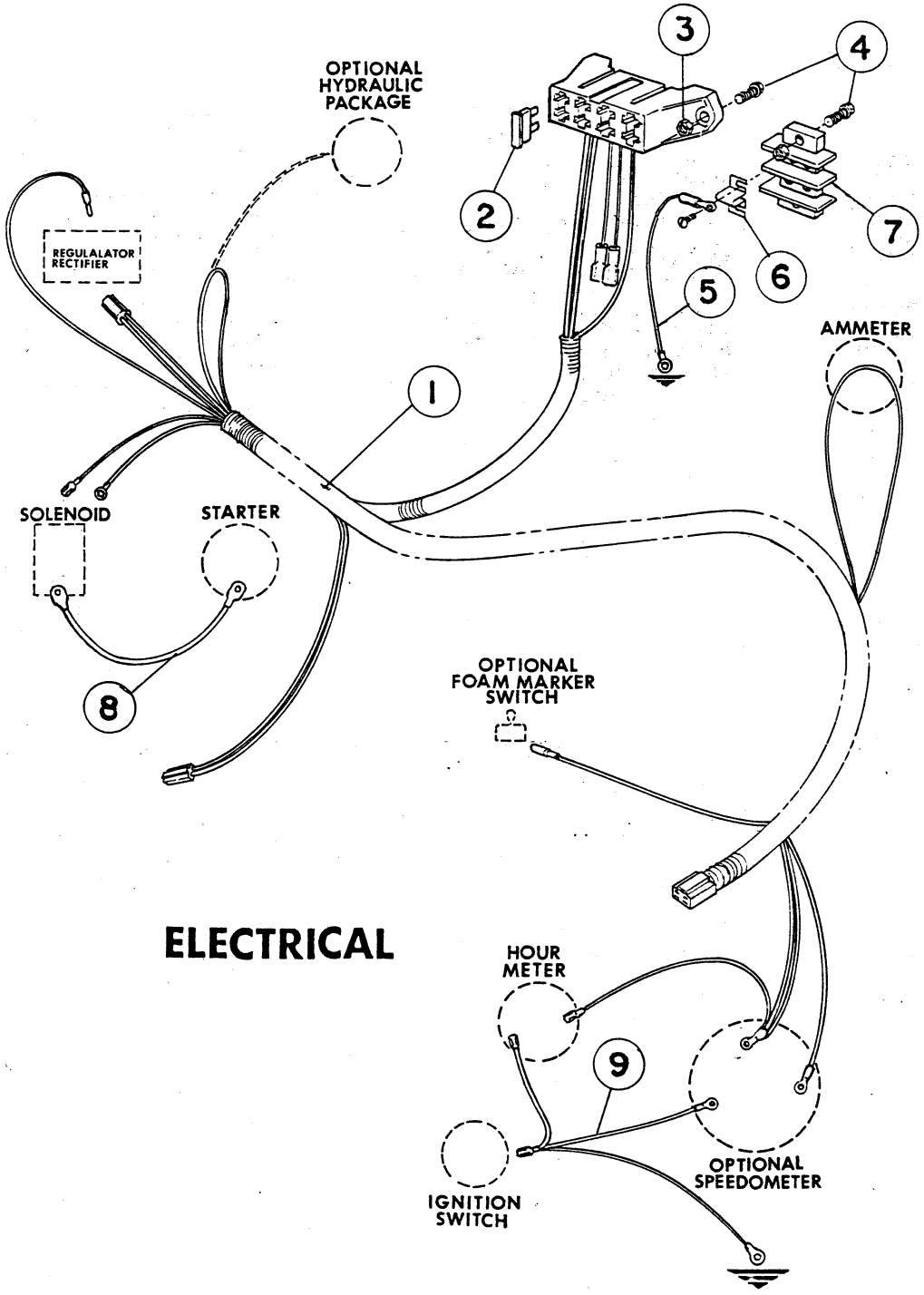
BRAKES

REF	PART NO.	DESCRIPTION	QTY
1	40097	Tube Assembly - Right Hand	1
2	98346	Hydraulic Tee	1
3	98877	Tube Assembly - Left Hand	1
4	41738	Spacer Plate	1
5	41722	Front Panel Bracket	1
6	23-10-GD	Lock Washer, 5/16	7
7	22-12-AJD	Hex Nut, 5/16 NC	7
8	40258	Yoke Pin & Cotter	2
9	23-11-GD	Lock Washer, 3/8	4
10	24-11-BD	Flat Washer, 3/8 S.A.E.	4
11	40099	Rope Guide	2
12	40100	Guide Spacer	2
13	40101	Guide Lug	2
14	20-49-AGD	Hex Hd Cap Screw, 3/8 NC x 1 1/2	4
15	42321	Cable Assembly (Emergency Brake)	1
16	22-12-BJKD	Hex Jam Nut, 5/16 NF	2
17	28306	Brake Equalizer	1
18	41737	Brake Cable Assembly	1
19	22-13-AJD	Hex Nut, 3/8 NC	4
20	26032	Brake Tube Assembly	1
21	28368	90°Elbow	1
22	99208	Master Cylinder	1
23	24-11-AD	Flat Washer, 3/8	2
24	40094	Brake Rod Assembly	1
25	22-13-BJKD	Hex Jam Nut, 3/8	1
26	92037	Adjustable Clevis	1
27	42716	Pedal Mounting Bracket	1
28	20-26-AD	Hex Hd. Cap Screw, 5/16 NC x 1"	1
29	40238	Brake Arm Assembly	1
30	307276	Bearing (f/w Brake Arm Assembly)	1
31	42754	Pivot Assembly	1
32	20-26-AGD	Hex Hd Cap Screw 5/16 NC x 1"	2
33	28-19-D	Cotter Pin, 18 x 1 1/4	1
34	1126-P	Clevis Pin	1
35	42719	Foot Pad	1
36	30328	Brake Lever Assembly	1
37	20-24-AGD	Hex Hd Cap Screw, 5/16 NC x 3/4	4

DIFFERENTIAL

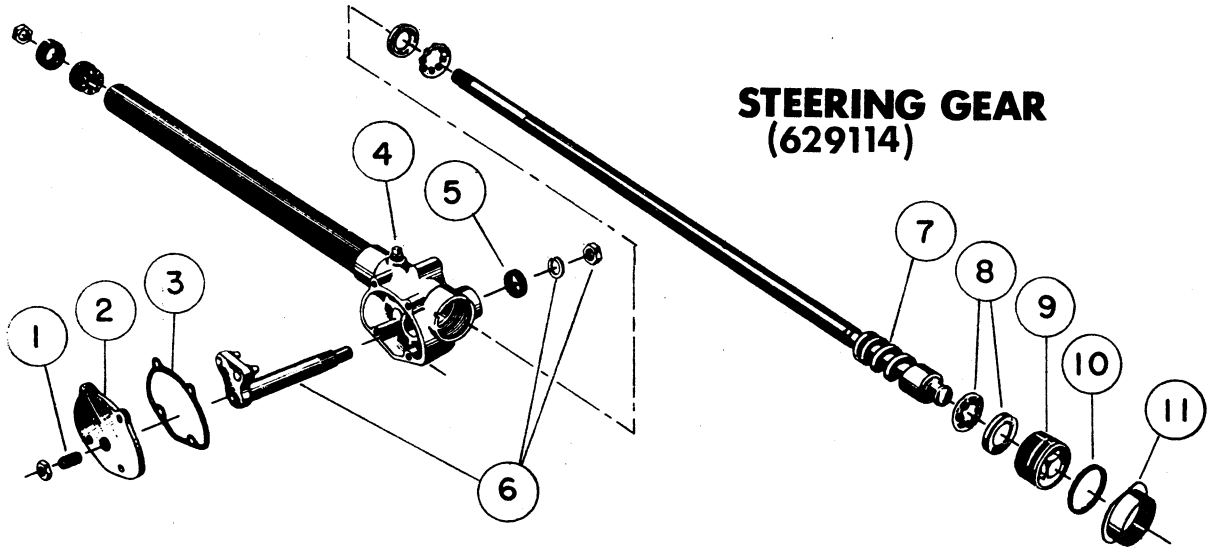


REF	PART NO.	DESCRIPTION	QTY
1	40445	Flange Axle Shaft - R.H.	1
	40446	Flange Axle Shaft - L.H.	1
2	40447	Wheel Bolt	10
3	40450	Oil Seal	2
4	40451	Wheel Bearing Gasket	2
5	40453	Bearing	2
6	40454	Wheel Bearing Retainer Ring	2
7	40455	Oil Seal	2
8	42151	Thrust Washer	2
9	42147	Side Gear	2
10	42148	Pinion Mate	2
11	42152	Thrust Washer	2
12	42173	Lock Washer	8
13	42171	Nut	8
14	42167	Oil Plug	2
15	42176	Shim, .003	AR
	42177	Shim, .005	AR
	42178	Shim, .010	AR
	42179	Shim, .030	AR
16	42156	Bearing Cup	1
17	42155	Bearing Cone	1
18	42169	End Yoke	1
19	42161	Washer	1
20	42159	Cotter Pin	1
21	42160	Nut	1
22	42162	Oil Seal	1
23	42163	Shim	1
24	42164	Spacer	1
25	42154	Carrier (includes #31 & #32)	1
26	42170	Rear Axle Housing	1
27	42172	Pipe Plug	1
28	40452	Housing Bolt	8
29	42175	Vent Assy	1
30	42174	Dowel Pin	2
31	43086	Bearing Cap Screw (f/w #25)	4
32	43085	Bearing Cap (f/w #25)	2
33	42165	Bearing Cup	2
34	42149	Pinion Mate Shaft	1
35	42166	Bearing Cone	2
36	42183	Shim, .003	AR
	42184	Shim, .005	AR
	42185	Shim, .010	AR
	42186	Shim, .030	AR
37	42168	Drive Gear Screw	10
38	42146	Differential Case	1
39	42150	Pinion Lock Pin	1
40	42153	Matched Gear & Pinion Assy.	1
41	42157	Bearing Cone	1
42	42158	Bearing Cup	1
43	42180	Shim, .003	AR
	42181	Shim, .005	AR
	42182	Shim, .010	AR



ELECTRICAL

REF.	PART NO.	DESCRIPTION	QTY.
1	42856	Wiring Harness.....	1
2	42765	30-Amp Fuse (F/W Wiring Harness).....	1
3	22-9-AJD	Hex Nut, #10 NC	4
4	34-99-AMVD	Hex Washer Hd Self-Tap Screw, #10 NC...	4
5	42861	Wire Assembly.....	1
6	42863	Jumper Strip-Terminal Block.....	1
7	42862	Ground Terminal Block.....	1
8	722957	Cable- Solenoid to Starter.....	1
9	41168	Wire Assembly.....	1



REF	PART NO.	DESCRIPTION	QTY
1	40683	Adjusting Screw	NS
2	40682	Side Cover	1
3	40684	Side Cover Gasket	1
4	40675	Vent Plug	NS
5	40674	Housing Oil Seal	1
6	40681	Lever Shaft Assy	NS
7	40679	Worm Assy	NS
8	40680	Ball & Retainer Assy	1
9	40676	Adjusting Plug	1
10	40677	Adjusting Plug Seal	1
11	40678	Lock Nut	1

NS NON-SERVICE ITEM

MAINTENANCE RECORD

Date								

MAINTENANCE RECORD

Date								

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