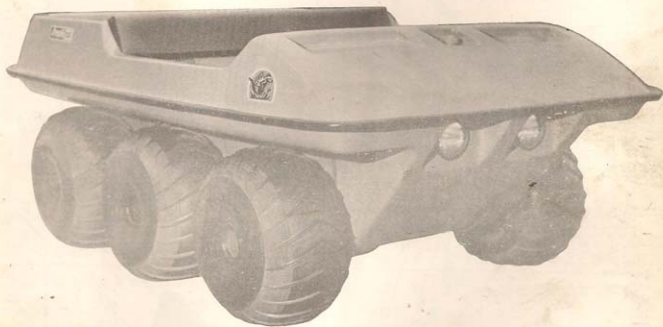


Amphicat

Sole United States Distributor:
MOBILITY UNLIMITED, INC.

PARTS MANUAL

MODEL NO. 0079, 0080, 0081 and 0082

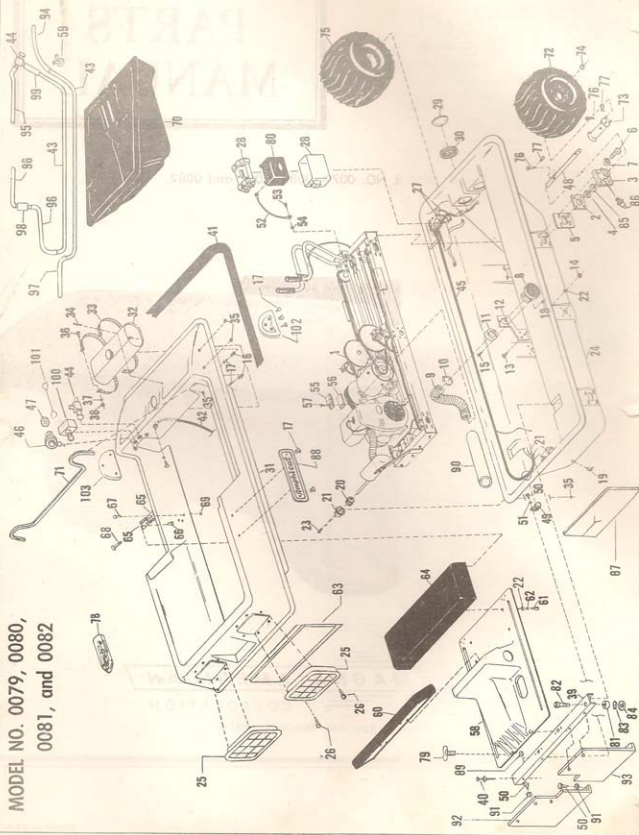


MAGNA AMERICAN
CORPORATION

Raymond, Mississippi 39154

PARTS FOR AMPHICAT

MODEL NO. 0079, 0080,
0081, and 0082



PARTS LIST FOR

AMPHICAT

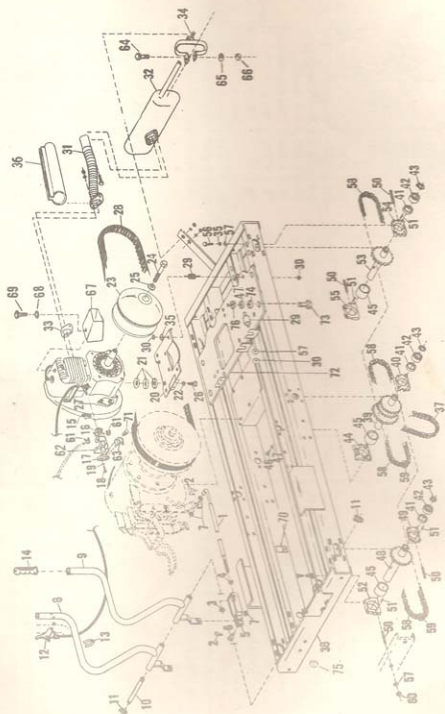
MODEL NO. 0079, 0080, 0081 and 0082

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
1.	510833	Chain - Trans. (68 Links)	36.	121900	*Screw - H/H 1/4-20
2.	510621	Gasket - Body Seal	37.	120392	*Washer - Flat 1/4
3.	511428	Plate - Seal	38.	504548	Nut - Lock 1/4
4.	510624	Seal - Shaft	39.	511455	*Stiffener - Assembly
5.	510636	Support - Body	40.	510586	Rivet - 1/8 Pop x .61 lg.
6.	120233	*Bolt - Hx. Hd. 5/16-18 x 1 3/8	41.	510564	Bumper - Body
7.	120214	*Washer - Lock 5/16	42.	510675	Choke - Control Assy.
8.	510871	Silencer - Air - Carburetor	43.	511415	Fuel Line
9.	510854	Hose - Carburetor - Air Intake (2-1/2" ID)	44.	511387	Valve - (ON-OFF) and Filter
10.	510853	*Clamp - Hose	45.	511432	Harness - Electric Start AMPHICAT
11.	510835	Adapter - Air Intake	46.	511404	Harness - Manual Start AMPHICAT
12.	510830	Bracket Air Filter Mfg.	47.	510587	*Switch - Ignition
13.	121887	*Bolt - Hex Hd. 1/4-20 x 3/4 (Bracket Mfg.)	48.	511536	Asle Rod
14.	504548	Nut - Lock	49.	511245	Clamp - Harness
15.	157684	Screw 10-24 x 1/2 (Air Filter Mfg.)	50.	511213	*Screw - S/T #8
16.	510863	Snap (Tool Kit Mounting)	51.	138530	*Washer - Lock #8
17.	507735	Pop Rivet	52.	510719	Wire Assembly
18.	507101	Nut - Lock 10-24	53.	448645	Onit on Manual Start AMPHICAT
19.	511378	Drain Plug Assembly			
20.	511382	Packing - Asbestos			
21.	510890	Cap - Exhaust			
22.	9416904	*Washer - Flat 1/4	54.	121753	*Washer - Lock Ext. Tooth ID
23.	120854	*Bolt - 1/4-20 x 5/8 (Exh. Cap Mfg.)			
24.	511569	*Body Lower Formed Plastic-Trimmed	55.	510606	Onit on Manual Start AMPHICAT
25.	511391	Grille	56.	510836	Insulator - Rect.
26.	144848	*Screw - Self Tapping			
27.	510954	Tie - Wrap - (Manual Start Only)	57.	448445	Onit on Manual Start AMPHICAT
28.	510809	Box - Battery - Electric Start AMPHICAT			
29.	510556	Onit on Manual Start AMPHICAT	58.	511563	*Engine Cover & Trim Assembly
30.	510602	Ramp - Sealed Beam	59.	510969	*Clamp For Fuel and Fuel Return Lines
31.	511569	Ring - Head Light	60.	511466	Back - Cushion - Complete
32.	510971	*Body - Upper Formed Plastic-Trimmed	61.	121887	*Bolt 1/4-20 x 3/4
33.	510695	Tank & Cap Assy. with Fitting	62.	120380	*Washer - Lock 1/4
34.	507862	Mounting - Gas Tank	63.	511476	Shield - Upper Heat
35.	511025	*Washer - Flat 1/8	64.	511467	Seat - Cushion Complete
			65.	511448	Hinge - Leaf
			66.	9426111	*Screw - S/M #10-16 x 3/4 lg.

** BONDED BODY ASSEMBLY INCLUDES REF. NOS. 24, 31, 39 AND 58. REF. NO. 58 MAY ALSO BE PURCHASED SEPARATELY.

*May be purchased locally.

PARTS FOR AMPHICAT **MODEL NO. 0079, 0080, 0081, and 0082**



PARTS LIST FOR

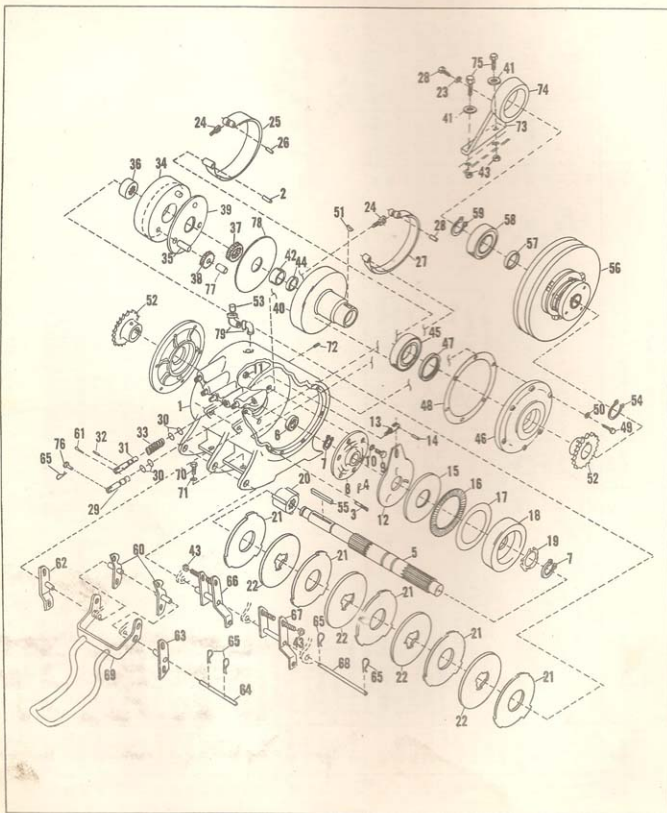
AMPHICAT

MODEL NO. 0079, 0080, 0081 and 0082

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
1.	511577	Connecting Rod Weldment	32.	510604	Muffler	62.	511405	Support - Choke
2.	501330	Pin - Hair	33.	510856	Gasket	63.	511417	Wire - Clamp
3.	120377	*Nut - 3/8x16	34.	122017	*Bolt 5/16-18 x 1	64.	121913	Bolt 1/4-20 x 1-1/4
4.	941354	Nut - 3/8x16 C'Lock	35.	120214	*Washer - Lock	65.	120375	Washer - Lock 1/4
5.	507810	Yoke - Rod End	36.	511477	Shield - Exhaust Hose	66.	120375	Nut - 1/4-20
6.	941327	Pin - Clevis	37.	510834	Chain - Idler	67.	511129	Duct Ass'y
7.	103343	*Washer	38.	511399	Chassis Weldment	68.	138530	Int. Star Washer
8.	511413	Control Lever Wldmnt, R. H.	39.	510593	Axle - Inner Weldment	69.	511213	Self Tap. Screw
9.	511412	Control Lever - Wldmnt, L. H.	40.	510595	Block B/B-Center Mach.	70.	511418	Bracket - Fuel Line
10.	511334	Bar - Pivot - Control Lever	41.	510679	Seal - Oil	71.	447821	Screw - #10x24 x 3/8
11.	511335	Retaining-Ring	42.	511372	Bearing - Ball	72.	511465	Plate - Eng. Mfg.
12.	510674	Control - Throttle	43.	510632	Ring - Retaining	73.	122007	Bolt - 5/16-18 x 3/4
13.	501122	Clamp - Tube	44.	510597	Block - O/B-Center Mach.	74.	120393	Washer - Flat 5/16
14.	509817	Grip - Hand	45.	510591	Bearing - Porous Bronze	75.	511416	Grommet - Fuel
15.	511234	16 H.P. Engine (SACHS SA 280E)	46.	120228	*Bolt - Hx. Hd. 5/16-18 x 5/8	76.	503391	Nut - Lock 5/16-18
		Electric Start	47.	120214	*Washer - Lock 5/16			
		16 H.P. Engine (SACHS SA 280)	48.	511560	Axle - Inner Weldment			
		Manual Start	49.	510581	Block - B/B Ends - Mach.			
16.	510953	Carburetor HR 34 A	50.	510714	Stud			
17.	510835	Adapter - Carburetor	51.	443013	Pin - Groove 1/8 x 5/8			
18.	132264	Screw - Phil. Head 1/4-20 x 3/4	52.	510585	Block - O/B - L.H. Mach			
		(Adapter Mfg.)			Rear Center Right & Front Center Left			
19.	120380	*Washer - Lock	53.	510589	Axle - Inner - Weldmnt, Rear			
20.	511474	Plate - Eng. Mfg.	54.	510722	Block - B/B Ends - Mach.			
21.	120388	Washer - Flat			Left Rear & Right Front			
22.	120382	*Washer - Lock 3/8 (Eng. Mfg.)	55.	510583	Block - O/B R.H. Mach.			
23.	510691	Drive Pulley - Torque Converter			Rear Center Left & Front Center Right			
24.	456954	*Bolt - 1/2-20 x 4-1/4	56.	122007	*Bolt - Hx. Hd. 5/16-18 x 3/4			
25.	120390	*Washer - Flat 1/2			(O/B Mounting)			
26.	510857	Bolt	57.	120393	*Washer - Flat 5/16 Nom.			
		(Engine Mounting)	58.	510610	Chain - Axle Drive - Front and Rear			
27.	510810	Adapter - Throttle	59.	510680	Connecting Link - Chain			
28.	510603	Belt - V - Cog	60.	442825	Nut - Lock Ty HLT 5/16-18			
29.	510666	Vibro Mount - Engine			(Block Adj.)			
30.	9414072	Nut - Lock 5/16-24 (TYN C'Lock)	61.	510997	*Clamp For Fuel and Fuel Return Lines			
31.	511521	Tube - Exhaust Weldment			-Carburetor			

*May be purchased locally.

PARTS FOR AMPHICAT **MODEL NO. 0079, 0080, 0081, and 0082**



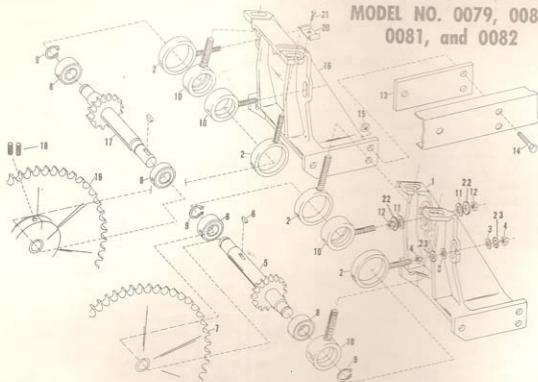
PARTS LIST FOR
AMPHICAT
MODEL NO. 500079, 500080, 500081 and 500082

Ref. No.	Part No.	Part Name	Ref. No.	Part No.	Part Name
1.	510766	Housing - Trans. Mach.	40.	510642	Ring - Gear Ass'y. R. H.#
2.	443276	Pin - Drive Lok	510749		Ring - Gear Ass'y. L. H.#
3.	510738	Pin - Grooved - Drilled	41.	120393	*Washer 5/16
4.	456176	*Pin - Cotter 3/32 x 3/4	42.	510670	Bearing - Porous Bronze
5.	510522	Shaft - Trans.	43.	503391	*Nut - Lock 5/16 - 18
6.	510633	Bearing - Ball	44.	502487	Seal - Oil (For L.H. Ring Gear Ass'y Only)
7.	501625	Ring - Retaining	45.	510665	Bearing - Ball
8.	510649	Plate - Cam	46.	510646	Cover - Transmission Mach.
9.	121900	*Bolt 1/4-20 x 1	47.	511023	Seal - Shaft
10.	120392	*Washer - Flat 1/4" Nom.	48.	510716	Gasket - Transmission Cover
11.	504548	Nut-Lock 1/4-20	49.	121887	*Screw Hex Hd. 1/4-20 x 3/4
12.	510653	Plate - Cam Actuator	50.	120380	*Washer - Lock 1/4
13.	510734	Actuator - Male (Clutch)	51.	218217	Woodruff Key #61
14.	456587	Pin - Roll 5/16 x 3/4 (Brake & Clutch)	52.	510655	Sprocket - 15T
15.	510520	Thrust - Race	53.	510765	Plug-Vent
16.	510550	Thrust Bearing	54.	501626	Ring-Retaining
17.	510551	Thrust - Race	55.	510702	Key
18.	510645	Plate-Pressure - Mach.	56.	510692	Driven Pulley - Torque Converter
19.	510512	Spring - Loading	57.	510767	Spacer - Bearing
20.	510510	Collar Clutch Assembly - Mach.	58.	510671	Bearing - Ball
21.	510727	Plate - Clutch - Outer Stamping	59.	510715	Ring - Retaining
22.	510726	Plate - Clutch - Inner Stamping	60.	510784	Cam Weldment - FWD
23.	120380	*Washer - Lock 1/4	61.	120123	*Pin - Cotter 1/8 x 1-1/4
24.	510732	Actuator - Male (Rev. & Brake)	62.	510802	Link Wldm't - Upper Brake R. H.
25.	510699	Brake Band Ass'y. - (Rev.)	63.	510790	Link-Upper Brake L. H.
26.	456860	Pin - Roll 5/16 x 1-1/4 (Rev.)	64.	510780	Rod - Upper Pivot
27.	510700	Brake Band Ass'y.	65.	501130	Pin - Hair
28.	120854	*Bolt 1/4-20 x 5/8	66.	510803	Control Link Wld't. - Lower R. H.
29.	510731	Actuator - Female (Rev. & Brake)	67.	510795	Control Link Wld't. - Lower L. H.
30.	510676	Seal - "O" Ring	68.	510779	Rod - Lower Pivot
31.	510733	Actuator - Female	69.	510870	Reverse Weldment
32.	504657	Pin - Spiral	70.	122119	*Bolt - Hx. Hd. 3/8-16 x 3/4 (Transmission Mtg.)
33.	510792	Spring	71.	120382	*Washer - Lock 3/8
34.	511348	Carrier & Pin Ass'y.	72.	103866	Plug - Pipe
35.	511345	Pin - Dowel 1/2 x 1 Pinion	73.	510826	Bracket - Brg. Collar
36.	510637	Bearing - Bronze - Pinion	74.	510825	Collar - Brg. Trans. Shaft
37.	510535	Gear - Sun	75.	122007	*Bolt 5/16-18 x 3/4
38.	511344	Gear - Pinion	76.	511028	Pin - Clevis
39.	511086	Plate - Pinion Carrier	77.	511346	Bearing
			78.	510537	Plate
			79.	511354	Street Elbow 1/4 NPT

*May be purchased locally.

#R. H. Refers to Driver's right hand when seated in normal Driving Position.

PARTS FOR AMPHICAT **MODEL NO. 0079, 0080,** **0081, and 0082**



PARTS LIST FOR **AMPHICAT** **MODEL NO. 0079, 0080, 0081 and 0082**

Ref. No.	Part No.	Part Name
1.	511386	Support Casting R.H.
2.	510873	Brace - Idler Shaft Bearing Mtg. Weldmn't.
3.	510252	*Washer 3/8
4.	124829	*Nut - Jam 3/8
5.	510846	Shaft & Sprocket Weldmn't. R.H.
6.	106751	Key - Woodruff
7.	510782	Sprocket - Weldmn't.
8.	510671	Bearing - Ball Brg. 203
9.	507907	Ring - Retaining
10.	510876	Bearing Mtg. - Idler Shaft Weldmn't.
11.	120396	*Washer 1/2
12.	120238	*Nut - Jam 1/2-13
13.	510842	Spacer - Idler Bracket
14.	122145	*Bolt 3/8-16 x 1-1/4
15.	503376	*Nut - Lock 3/8-16
16.	511385	Support - Casting Mach. L.H.
17.	510845	Shaft & Sprocket Weldmn't L.H.
18.	102569	Screw - Set 1/4-20 x 1/4 Socket Head
19.	510656	Sprocket - Weldment
20.	510838	Clip - Cable (Throttle & Choke)
21.	447825	*Screw - S/T #10-24 x 5/8
22.	120384	Lock Washer 1/2
23.	120382	Lock Washer 3/8

*May be purchased locally.

**ELECTRICAL - PICTORIAL / SCHEMATIC
CONNECTION DIAGRAM
MANUAL START**

