

ENGINE MAKE ..... Lycoming  
 OEM CARBURETOR NO. .. 72394

CARBURETOR NO. .... A10-3678-32  
 MODEL NO. .... MA-4SPA  
 FLOAT SETTING ..... 7/32"

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	10-4331	1	Carburetor Bowl Assy.	36	46-A2	1	Venturi - Main (1-5/8")
2	<b>12-B57</b>	1	Lever - Throttle, Serrated	37	46-33	1	Venturi - Primary
3	<b>13-1521</b>	1	Throttle Shaft & Stop Assy., Serrated Stop	38	<b>47-773</b>	1	Nozzle Assy.
4	14-190	1	Valve - Throttle	39	<b>49-180</b>	1	Jet - Economizer
5	15-42	1	Screw - Throttle Adjusting	40	55-270	1	Cup - Idle Adjusting Needle
5A	15-223	1	Screw - Idle Drill Plug	41	55-A139	1	Retainer - "O" Ring, Mixture Metering Valve Head
6	<b>15-483</b>	2	Screw - Throttle Valve	42	<b>60-260</b>	2	Bushing - Throttle Shaft
7	15-A1	1	Screw - Pump Lever Pin	43	<b>66-18</b>	1	Lockwire - Mixture Control Valve Head
8	15-A14	2	Screw - Pump Inlet Strainer Housing	44	<b>78-121</b>	2	Washer - Pump Inlet Strainer Housing Screw
9	15-A21	2	Screw - Float Bracket	45	78-184	2	Washer - Mixture Control Valve Spring (1) Mixture Control Valve Thrust (1)
10	15-B107	4	Screw - Throttle Body to Bowl	46	<b>78-356</b>	1	Washer - Horseshoe (Mixture Control Valve Head)
11	15-B108	1	Screw - Mixture Control Lever	47	<b>78-388</b>	1	Washer - Pump Stem Packing Retainer
12	16-222	1	Gasket - Nozzle	48	<b>78-A109</b>	1	Washer - Mixture Control Lever Screw
13	16-224	1	Gasket - Float Valve Seat	49	<b>78-A110</b>	4	Washer - Throttle Body to Bowl Screw
14	<b>16-676</b>	1	Gasket - Kit	50	<b>81-311</b>	1	Nut - Lock, Throttle Lever
15	16-A16	1	Gasket - Strainer Housing	51	<b>82-11</b>	3	Pin - Cotter (Float Lever Shaft (1)) (Pump Link (2))
16	16-A28	1	Gasket - Pump Discharge Check Valve	52	<b>82-14</b>	1	Pin - Cotter, Throttle Lever Lock Nut
17	16-A36	1	Gasket - Fuel Inlet & Strainer Assy.	53	95-54	1	Screen - Pump Inlet Strainer
18	16-A107	1	Gasket - Power Jet	54	95-509	1	Strainer & Fuel Inlet Assy.
19	16-B45	1	Gasket - Pump Discharge Check Valve Assy.	55A	99-8	1	Plug - Bowl Drain
20	16-B75	1	Gasket - Throttle Body to Bowl	55	99-34	1	Plug - Pump Discharge Check Valve
21	<b>17-372</b>	1	Rod - Pump Connecting	56	110-173	1	Retainer Flange - Pump Inlet Strainer Housing
22	24-262	1	Spring - Throttle Adjusting Screw	57	136-58	1	Bracket - Float
23	24-480	1	Spring - Mixture Control Valve Head	58	155-226	1	Lever - Pump
24	<b>24-A10</b>	1	Spring - Throttle Opening	59	155-597	1	Mixture Control Lever Assy.
25	24-A56	1	Spring - Idle Adjusting Needle	60	<b>194-581</b>	1	Pump Plunger Assy.
26	<b>29-113</b>	3	Clip - Venturi Retainer	61	221-76	1	Housing - Pump Inlet Strainer
27	29-194	1	Clip - Float Valve (Used with 30-766)	62	227-1656	1	Throttle Body Assy.
28	30-766	1	Float & Lever Assy.	63	229-550	1	Pump Discharge Tube Assy.
29	<b>32-32</b>	1	Shaft - Float Lever	64	<b>229-587</b>	1	Idle Tube Assy.
30	<b>36-525</b>	1	Pump Inlet Check Valve Assy.	65	<b>233-615</b>	1	Float Valve, Seat & Gasket Assy.
31	<b>36-540</b>	1	Pump Discharge Check Valve Assy.	66	242-514	1	Mixture Control Metering Valve Assy.
32	37-7	2	Ball - Lead Plug (Idle Drill)	67	286-1623	1	Repair Kit
33	<b>43-564</b>	1	Needle - Idle Adjusting				
34	<b>44-49</b>	1	Packing - Pump Stem				
35	44-223	1	Packing - "O" Ring, Mixture Metering Valve Head				

Part numbers shown in **bold type** are included in Repair Kit  
 Exploded view shown on reverse side

