

SERVICE PARTS LIST

FRANKLIN AIRCRAFT ENGINES

Model 6A8-215-B9F

Parts Should Be Purchased
From Authorized Franklin
Distributors Listed. Give
The Engine Number And The
Approximate Date Of Its
Delivery To You.

AIRCOOLED MOTORS, INC.

Syracuse, New York

Aircooled Motors, Inc.
Syracuse, New York

Model 6A8-215-B8F
To Eng. 23500 Incl.
Effective
September 15, 1952

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY. PER ENGINE</u>
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I

CAMSHAFT

15294	Camshaft Assembly	1
15292	Camshaft - Not Furnished Separately	
15289	Shaft - Accessory Drive	1
15288	Screw - Accessory Drive Shaft Set	1
6x16	Key - Woodruff #5, Assy. Drive Shaft To Camshaft	1
15287	Gear - Tachometer Drive	1
15296	Washer - Tachometer Drive Gear Spacer	1
15286	Spacer - Tachometer Drive Gear	1
32x14	Wire - Lacing	6"
14609	Gear - Camshaft (66 Teeth)	1
6x13	Key - Woodruff #9, (Timing Gear)	1
17621	Gear - Ignition Drive (24 Teeth)	1
6x116	Key - Woodruff #2, Magneto Drive Gear To Shaft	1

II

CRANKCASE

15249	Crankcase Assembly	1
14455	Crankcase Half (Cyl. 1-3-5)) Not Furnished	
14456	Crankcase Half (Cyl. 2-4-6)) Separately	
#14618	Stud - Propeller Shaft Housing (4-7/8" Long)	4
#14489	Stud - Cylinder Hold-down	42
#14476	Stud - Crankshaft Bearing (7-9/16" Long)	6
#13525	Stud - Propeller Shaft Housing (1-1/2" Long)	8
#13392	Stud - Crankshaft Bearing (6-3/16" Long)	2
#12754	Stud - Propeller Shaft Housing (2" Long)	2
13605	Bolt - Crankcase Lower	4
13539	Dowel - Crankshaft Bearing Stud	8
13538	Dowel - Crankcase Upper	2
12433	Connector - Oil (Prop. Shaft Hsg. & Oil Pump)	2
19022	Washer - Crankcase Bearing Stud	2
#18171	Stud - Timing Gear Case	8
28x848	Dowel - 5/16 x 7/8 (Propeller Shaft Housing)	2
28x83	Dowel - 1/4 x 3/4, Oil Pump	1
23x62	Nut - 5/16-24, Elastic Stop (Upper Bolt)	11
23x64	Nut - 7/16-20, Elastic Stop, (C'shaft Brg. Stud)	2

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7x32	Plug	1
7x33	Plug - 3/8 Iron Sltd., Headless Pipe (Oil Headers Front And Rear)	3
31x21	Thread - Silk #40, Between Crankcases	22-1/4"
8x118	Pin - 1/16 x 5/8 Cotter, Lower Bolt	4
5x22	Washer - 5/16, Plain Lower & Upper Bolt	29
3x84	Nut - 5/16-24 Castle, Lower Bolt	4
2x238	Screw - 5/16-24 x 2-1/4, Hex Hd. Top Rail & Generator Link Bracket	1
2x234	Screw - 5/16-24 x 1-9/16, Hex Hd. Top Rail	10
15163	Ring - Main Brg. Stud Oil Seal (Eng. 23555 & up)	8
13539	Dowel - Engine Mounting Bracket	2
14519	Bracket - Engine Mounting, On Prop. Housing	1
14621	Bracket - Engine Mounting, Fan End, Odd Side	1
14622	Bracket - Engine Mounting, Fan End, Even Side	1
15175	Washer - Mounting Bracket 3/8, Lock	4
15176	Washer - Mounting Bracket 7/16, Lock	4
2x188	Screw - 3/8-16 x 1-1/8, Hex Hd. Eng. Mtg. Nose Bracket	2
2x196	Screw - 7/16-14 x 1-5/8 Hex Hd.) Engine Mounting	4
2x197	Screw - 3/8-16 x 1-5/8 Hex Hd.) Bracket	2

III

CRANKSHAFT

15112	Crankshaft Assembly	1
15216	Crankshaft - Not Furnished Separately	
14719	Plug - Crankshaft	1
27x120	Plug - Expansion - Not Furnished Separately	
14487	Bolt - Propeller Shaft (5/16 x 24 x 1-1/8)	8
14686	Gear - Crankshaft (33 Teeth)	1
#14797	Bushing - Crankshaft	8
15147	Shaft - Propeller	1
15148	Sleeve - Propeller Shaft Oil Seal	1
3x84	Nut - 5/16-24 Castle (Propeller Shaft To C'shaft)	8
6x11	Key - 1/4 x 7/8 Woodruff, Crankshaft Gear	2
8x118	Pin - 1/16 x 5/8 Cotter, Propeller Shaft	8

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IV

CYLINDER

15209	Cylinder Assembly	6
14889	Cylinder - Not Furnished Separately	
14819	Liner - Cylinder	6
10191	Stud - Exhaust Tube	12

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13641	Packing - Valve Lifter Rod Tube	24
14803	Rocker assembly - Inlet Valve	6
17404	Bushing - Valve Rocker - Not Furnished Separately	
14648	Rocker Assembly - Exhaust Valve	6
17404	Bushing - Valve Rocker - Not Furnished Separately	
14673	Support - Valve Rocker, Outer	12
14872	Washer - Rocker Support, Outer Lock	12
2x1103	Screw - 5/16-18 x 2-1/8, Hex Hd. Rocker Support	24
14821	Support - Valve Rocker, Center	6
13607	Washer - Valve Rocker Support Lock, Center)23275	6
14938	Pin Assembly - Valve Rocker	12
12047	Pin - Valve Rocker) Not Furnished	
27x110	Plug - 7/16 Expansion, In Rocker Pin) Separately	
14787	Cover - Valve	6
14724	Gasket - Valve Cover	6
17654	Screw - Valve Rocker Adjusting	12
3x210	Nut - 3/8-24, Hex Jam, Adjusting Screw	12
12x28	Screw - 1/4-28 x 3/8, Fill. Hd. Valve Cover	36
19x14	Washer - 1/4, Shakeproof Lock, Valve Cover	36
15335	Valve - Hydraulic Lifter)For 15143 and	12
15336	Ring - Hydraulic Lifter Valve Retaining)15278 Lifter	12

VI

FAN AND STARTER GEAR ASSEMBLY

14942	Fan And Starter Gear Assembly	1
15190	Fan - Not Furnished Separately	
14505	Bushing - Fan Bolt, Conical	16
14504	Spacer - Fan Bolt	8
13805	Washer - Fan Bolt, 1/8 Thick	As Req.
13803	Washer - Fan Bolt, .025 Thick) For	As Req.
13802	Bolt - Fan, 2-1/8) Balancing	As Req.
13801	Bolt - Fan, 2)	As Req.
13800	Bolt - Fan, 1-7/8	As Req.
13432	Washer - Fan Bolt, 1/16 Thick	16
23x62	Nut - 5/16-24 Elastic Stop, Fan Bolt	8
14815	Starter Gear Assembly	1
14603	Gear - Starter Ring) Not	
14814	Wheel - Starter Gear) Furnished	
28x846	Dowel - 3/16 x 7/32) Separately	
5x22	Washer - Plain 5/16, Fan Bolt	8
14935	Sheave Assembly - Generator Drive	1
14934	Sheave - Generator Drive) Not Furnished	
14933	Hub - Generator Drive Sheave)Separately	

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<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY. PER ENGINE</u>
6x11	Key - Woodruff 1/4 x 7/8, Hub to Crankshaft	2
14833	Slinger - Crankshaft Oil	1
14620	Washer - Starter Gear Hub Lock	1
14601	Bolt - Starter Gear Nub To Crankshaft	6
5x16	Washer - Starter Gear	8
17778	Bolt - Starter Gear To Hub	8
14813	Hub - Starter Gear	1
32x14	Wire - Steel Lacing (For Starter Gear To Hub Bolt)	36"

VII

MANIFOLD

14231	Manifold - Inlet	2
#14075	Stud - Inlet Manifold (9/16 by hand on original)	4
14526	Zone - Distributing	1
#11139	Stud - Carburetor	4
15064	Pipe - Manifold Equalizer, Even Side	1
14630	Adapter - Man. Equal. Pipe - Not Furnished Separately	
15063	Pipe Assembly - Manifold Equalizer, Odd Side	1
14630	Adapter - Man. Equal. Pipe - Not Furnished Separately	
14527	Pipe - Distributing Zone	2
14627	Packing - Inlet Manifold	6
14628	Flange - Inlet Manifold	6
14687	Hose - Equalizer Pipe	1
14718	Gasket - Inlet Manifold Pipe	6
14824	Clamp - Equalizer Pipe Hose	2
2x149	Screw - Hex Hd. 1/4-20 x 5/8, Pipes TO Zone	8
2x171	Screw - Hex Hd. 5/16-18 x 1-1/8, Zone TO Housing	4
2x222	Screw - Hex Hd. 1/4-28 x 1-9/32, Equal. Pipes To Man.	12
5x21	Washer - Plain 1/4, Pipes To Manifold	16
5x22	Washer - Plain 5/16, Manifold To Cylinder	12
19x14	Washer - Shakeproof Lock 1/4, Equal. Pipes TO Zone	8
19x17	Washer - Shakeproof Lock 5/16, Zone TO Housing	4
23x61	Nut - Elastic Stop 1/4-28, Equalizer Pipe to Man.	16
23x62	Nut - Elastic Stop 5/16-24, Manifold TO Cylinder	12

VIII

OIL LEVEL GAUGE AND OIL COOLER

14692	Gauge Assembly - Oil Level (Eng. 23008 and up)	1
7832	Clip - Oil Level Gauge Spring - Not Furnished Separately	
7415	Washer - Oil Level Gauge Felt	1

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14691	Tube - Oil Level (Engine 23008 and up)	1
10508	Cap - Oil Filler	1
14688	Gasket - Oil Filler Cap	1
15238	Cooler Assembly - Oil	1
15181	Cooler - Oil) Not	
12706	Plug - Oil Temperature Hole) Furnished	
12707	Washer - Oil Temp. Hole Plug) Separately	
32x14	Wire - Lacing)	
14039	Seal - Oil Cooler, AN 6227-12 (Not In Gasket Assy.)	2
18536	Plug - Crankcase Temp. Hole) and up	1
15114	Washer - Temperature Hole Plug) Engine 23437	1
14804	Spring - Cooler Relief Valve	1
17932	Ball - Cooler Relief Valve 9/16	1
2x167	Screw - 5/16-18 x 3/4 Hex Hd., Oil Cooler	6
19x17	Washer - 5/16 Shakeproof Lock, Oil Cooler	6

IX

OIL PUMP

15100	Pump Assembly - Oil	1
15152	Body - Oil Pump	1
15098	Cover Assembly - Oil Pump	1
15097	Cover - Oil Pump - Not Furnished Separately	
28x832	Dowel - 1/8 x 3/8, Cover To Body	2
15091	Shaft - Oil Pump Drive	1
15092	Shaft - Oil Pump Stationary	1
15093	Gear - Oil Pump Drive, 7 teeth	1
15094	Gear - Oil Pump Driven, 7 teeth	2
15122	Plate - Oil Pump Shaft	1
18277	Lockwasher - Oil Pump Shaft	2
2x150	Screw - 1/4-20 x 3/4, Hex Hd., Cover To Pump	4
2x166	Screw - 1/4-20 x 1/2, Hex Hd., Shaft Plate To Pump	2
6x114	Key - #212 Woodruff, Gears To Shaft	2
15109	Pipe Assembly - Oil Pump Inlet (Eng. 23376 and up)	1
10327	Flange - Oil Pump Pipe) Not	
15095	Stop - Oil Inlet Float) Furnished	
15096	Pipe - Oil Inlet Float) Separately	
10091	Gasket - Oil Pump Pipe	1
15282	Screen - Oil Inlet	1
14946	Clip - Oil Inlet Float	1
14734	Gasket - Relief Valve Housing	1
15107	Housing - Relief Valve, By-Pass Plate	1

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15104	Plunger - Oil Pump Relief Valve	1
15105	Spring - Oil Pump Relief Valve	1
15106	Nut - Oil Pump Relief Valve Spring	1
15234	Clamp - Oil Inlet Pipe	1
15114	Lockwasher - Relief Valve Nut	1
15169	Lockwasher - Oil Inlet Pipe To Cover	2
15170	Lockwasher - Oil Pump To Crankcase	3
15171	Lockwasher - Bracket To Crankcase	2
15025	Gear - Oil Pump Shaft, 16 Teeth	1
6x114	Key - Woodruff #212, Oil Pump Gear To Shaft	2
2x150	Screw - 1/4-20 x 3/4 Hex Hd. Inlet Pipe to Cover)	2
2x155	Screw - 5/16-18 x 1-3/4, Hex Hd., Relief Valve Hsg. To Crankcase	4
2x169	Screw - 5/16-18 x 5/8 Hex Hd., Bracket To Crankcase	2
8x116	Pin - 1/8 x 1 Cotter, Oil Float	1
19x17	Lockwasher - 5/16 Shakeproof, Relief Valve Housing To Crankcase	4
14712	Bracket - Oil Inlet Pipe)	1
15172	Screw - Oil Inlet Pipe Clamp) To	1
5x25	Washer - #10 Plain, Brkt. Clamp Screw) Engine	1
3x86	Nut - #10-32 Castle, Bracket Clamp Screw) 23900	1
8x114	Pin - 1/16 x 1/2 Cotter, Brkt. Clamp Screw)	1
15235	Bracket - Oil Inlet Pipe (Odd))	1
15236	Bracket - Oil Inlet Pipe (Even)) Engine	1
2x428	Screw - 1/4-28 x 3/4, Oil in. Pipe Clamp) 23901	1
5x21	Washer - 1/4 Plain, Brkt. Clamp Screw) and	1
3x82	Nut - 1/4-28 Castle, Brkt. Clamp Screw)	1
8x118	Pin - 1/16 x 5/8 Cotter, Brkt. Clamp Screw)	1

X

OIL PAN

14468	Pan - Oil	1
17687	Bushing - Oil Pan Drain Plug-Not Furnished Separately	
15197	Gasket - Oil Pan	1
10239	Plug - Oil Drain	1
15070	Plate - Oil Pan Flange	1
2x223	Screw - 5/16-24 x 1 Hex Hd., Oil Pan To Timing Case	7
2x167	Screw - 5/16-18 x 3/4 Hex Hd., To Crankcase	26
5x16	Washer - 5/16 Plain, To Timing Case	14
19x17	Washer - 5/16 Shakeproof Lock, To Crankcase	26
23x62	Nut - 5/16-24 Elastic Stop, To Timing Case	7
32x14	Wire - .041 Steel Lacing, Drain Plug	5"

XI

PISTONS AND RINGS

14450	Piston 7.0:1	6
14471	Pin - Piston	6
14494	Plug - Piston Pin	12
14475	Ring - Piston, Top Groove	6
14462	Ring - Piston, Second Groove	6
14463	Ring - Piston, Third Groove	6

XII

CONNECTING ROD

14923	Rod Assembly - Connecting	6
14676	Rod - Connecting - Not Furnished Separately	
14730	Bolt - Connecting Rod	12
12201	Nut - Connecting Rod	12
13625	Bushing - Connecting Rod , Upper	6
##14805	Bushing - Connecting Rod, Lower	12
8x112	Pin - Cotter 3/32 x 3/4, Connecting Rod Bolts	12

XIII

TIMING GEAR CASE

14670	Case - Timing Gear	1
14708	Seal - Timing Gear Case, Crankshaft Oil	1
15150	Plate - Timing Gear Case Flange	1
2x13	Screw - Hex Hd. 5/16-18 x 1	2
2x169	Screw - Hex Hd. 5/16-18 x 5/8	4
5x22	Washer - Plain 5/16, To Crankcase	8
19x17	Washer - Shakeproof Lock, 5/16 To Crankcase	14
23x62	Nut - 5/16-24 Elastic Stop, Timing Case To Crankcase	8

Available In Undersize

XIV

PROPELLER SHAFT HOUSING

14941	Housing Assembly - Propeller Shaft	1
15183	Housing - Sub-Assembly-Propeller Shaft)	
15168	Housing - Propeller Shaft)	
14607	Bushing - Accessory Drive Shaft) Not	
15141	Sleeve - Propeller Shaft Bearing) Furnished	4
28x817	Dowel - 3/32 x 5/16, Phos. Bronze) Separately	
	Sleeve to Housing)	
#14706	Stud - Nose Plate	6
5573	Tube - Breather, Rigid	1
#11139	Stud - Magneto	4
#14374	Stud - Ignition Coil	2
7x15	Plug - 1/4 Iron Dr. Shank Pipe, Oil Drain	2
7x32	Plug - 1/4 Iron Sltd. Headless Pipe	1
7x45	Plug - 3/8 Alum. Sltd. Headless Pipe, Prop. Oil	
	Retainer	1
7x35	Plug - 3/8 Iron Sltd. Headless Pipe, C'case Face	1
7x42	Plug - 1/8 Alum. Hex Socket Pipe (Nose Brg.)	1
8x17	Pin - 3/32 x 1/2 Cotter, Breather Tube To Prop. Hsg.	1
14830	Baffle - Propeller Shaft Housing	1
12x42	Screw - Fill. Hd. #10-32 x 5/8)Baffle	4
5x25	Washer - Plain #10)To	4
23x65	Nut - Elastic Stop #10-32)Housing	4
11204	Spacer - Nose Plate Stud	6
14700	Gasket - Propeller Shaft Housing	1
15027	Gasket - Propeller Shaft Housing Connector	1
15138	Bearing - Propeller Shaft	1
15145	Plate Assembly - Propeller Shaft Housing Nose	1
15242	Gasket - Nose Plate, .004" Vellumoid	1
15243	Gasket - Nose Plate, 1/64" Seigelite	1
15244	Gasket - Nose Plate, 1/32" Seigelite	1
5x22	Washer - 5/16 Plain, Prop. Housing To Crankcase	14
5x23	Washer - 3/8 Plain, Nose Plate Stud	6
23x62	Nut - 5/16-24 Elastic Stop, Hsg. To C'case	14
23x63	Nut - 3/8-24 Elastic Stop, Nose Plate Stud	6
28x76	Seal - 2-3/4 x 3-3/4 x 1/2 Wide Oil Nose Plate	
	(Not In Gasket Assembly)	1
28x848	Dowel - 5/16 x 7/8, Mounting Bracket	2
15132	Plate - Prop. Shaft Nose-Not Furnished Separately	

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XV

CARBURETOR AND FUEL PUMP

14738	Carburetor - Marvel #10-3007	1
14702	Gasket - Carburetor	1
5x22	Washer - Plain 5/16, Carburetor To Zone	4
23x62	Nut - Elastic Stop 5/16, Carburetor TO Zone	4
15438	Fuel Pump, AC 1539432, Even Side	1
15439	Fuel Pump, AC 1539431, Odd Side	1
14701	Gasket - Fuel Pump	2
12686	Elbow - Fuel Pump Inlet, AN822-6D, Even Side	2
2x198	Screw - 3/8-16 x 3-1/16 Hex Hd. Fuel Pump To Propeller Shaft Housing	4
19x113	Washer - 3/8 Shakeproof Lock, Fuel Pump	4
13976	Bushing - 3/8 x 1/4 Reducer, Fuel Pump AN-912-2D	2

XVI

STARTER

15159	Motor - Starting E.A.L. MCJ-4002	1
15046	Switch - Solenoid, Starting E.A.L. SST-4001A	1
15184	Blanket - Starting Motor Insulating	1
15185	Spacer - Starting Motor Insulating, Short	1
15186	Spacer - Starting Motor Insulating, Long	1
15202	Elbow - Starter Blast	1
14901	Pointer - Timing Mark	1
2x1105	Screw - 3/8-16 x 1-3/8 Hex Hd., Starter To Crankcase	4
19x113	Washer - 3/8 Shakeproof Lock, Starter To Crankcase	4

XVII

GENERATOR

14842	Generator - E.A.L. GGS-4801A - EO-8686	1
14868	Regulator - Voltage E.A.L. VRX 4401A - EO-8722	1
14883	Belt - Generator 36"	1
14884	Link - Generator Adjusting	1
14931	Bracket - Generator Hinge	1
14939	Bracket - Generator Link Mounting	1
	(For Fastenings See Crankcase Group Pg. 2)	
15171	Washer - Lock Hinge Bracket To C'case) Gen. To Adj.	3
2x167	Screw - 5/16-18 x 3/4 Hex Hd.) Link	1
2x183	Screw - 5/16-18 x 7/8Hex Hd., Hinge Brkt. To C'case	2
5x22	Washer - 5/16 Plain, Adj. Link To Link Bracket 1, Hinge Bracket To Crankcase 2	3

23x62	Nut - 5/16-24 Elastic Stop, Gen. To Brkt., Link To Link Bracket	3
2x223	Screw - 5/16-24 x 1 Hex Hd., Adj. Link To Link Brkt.	1
2x219	Screw - 5/16-24 x 1-1/4 Hex Hd., Gen. To Hinge Brkt.	2
5x19	Washer - 5/16 Plain, Gen. To Adj. Link	1

XVIII

MAGNETO

14645	Magneto - Scintilla, Odd Side #10-37610-2 (Type S6LN-31)	1
14812	Distributor - E.A.L. #IAM-4001, Even Side	1
14811	Coil - Ignition, E.A.L. #CM-4007	1
5512	Gasket - Magneto And Ignition Drive Housing	2
14922	Drive Assembly - Ignition	1
14615	Coupling - Distributor Drive	1
14651	Coupling - Magneto Drive	1
14908	Housing - Ignition Shaft	1
14910	Shaft - Ignition Drive	1
14911	Bushing - Ignition Drive Shaft	1
14912	Washer - Ignition Shaft Thrust	1
14641	Screw - Cross Shaft Set	1
17621	Gear - Ignition Drive, 24 Teeth	1
3x19	Nut - 1/4-20 Hex Jam, Set Screw	1
6x116	Key - Woodruff #2, Dist. Drive Gear and Couplings To Shaft	3
32x14	Wire - .041 Steel Lacing, Set Screw	3"
15171	Washer - Distributor Screw Lock	2
17630	Gasket - Distributor	1
17632	clamp - Distributor Holddown	2
17953	Plug - Spark E.A.L. A4	12
2x167	Screw - 5/16-18 x 3/4 Hex Hd., Ignition Drive Housing	2
2x171	Screw - 5/16-18 x 1-1/8 Hex Hd., Distributor	2
5x19	Washer - 5/16 Plain, Magneto To Housing	2
5x111	Washer - 1/4 Plain, Coil To Housing	2
19x17	Washer - 5/16 Shakeproof Lock, Ignition Drive	2
23x61	Nut - 1/4-28 Elastic Stop, Coil To Housing	2
23x62	Nut - 5/16-24 Elastic Stop, Magneto To Housing	2

XIX

IGNITION WIRES

14899	Clamp - High Tension Wire	4
15217	Wire Assembly - Dist. To Coil L. T.	1
15187	Terminal - L. T. Wire) Not Furnished	
14x21	Wire - 8" L. T., Dist. To Coil) Separately	

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25x41	Screw - #4 x 3/8 Parker Kalon, Type A, Terminal	6
5x121	Washer - #4 Plain, Terminal	6
18191	Terminal - High Tension Wire, Plug End 90°	12
15029	Grommet - High Tension Wire	1
15030	Plate - Magneto Outlet	1
4x115	Washer - Lock) Magneto Outlet Plate	4
12x42	Screw - Fill. Hd.) To Magneto	4
15295	Magneto Ground Wire Terminal Assembly	1
14x531	Wire - Distributor Ignition	1
14x532	Wire - Distributor Ignition	1
14x533	Wire - Distributor Ignition	1
14x534	Wire - Distributor Ignition	1
14x535	Wire - Distributor Ignition	1
14x536	Wire - Distributor Ignition	1
14x537	Wire - Distributor Ignition	1
15031	Wire Assembly - High Tension	1

XX

TACHOMETER DRIVE

14834	Drive Assembly - Tachometer	1
10208	Packing - Tachometer Drive	1
14516	Housing - Tachometer Drive	1
14518	Connector - Tachometer Drive	1
14705	Gear - Tachometer Driven	1
17745	Sleeve - Tachometer	1
14517	Gasket - Tachometer Drive Housing	1
2x166	Screw - 1/4-20 x 1/2 Hex Hd.) Tachometer Housing	2
19x32	Washer - Shakeproof 1/4) To Propeller Housing	2
15142	Gasket And Packing Assembly	1

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SPARE PARTS LIST IN NUMERICAL ORDER

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY. PER ENGINE</u>
2x13	Screw - 5/16-18 x 1 Hex Hd., Lower To Crankcase	2
2x149	Screw - 1/4-20 x 5/8 Hex Hd., Pipes To Zone	8
2x150	Screw - 1/4-20 x 3/4 Hex Hd.	6
2x155	Screw - 5/16-18 x 3/4 Hex Hd., Relief Valve Hsg. To Crankcase	4
2x166	Screw - 1/4-20 x 1/2 Hex Hd.	4
2x167	Screw - 5/16-18 x 3/4 Hex Hd.	35
2x169	Screw - 5/16-18 x 5/8 Hex Hd.	6
2x171	Screw - 5/16-18 x 1-1/8 Hex Hd.	9
2x183	Screw - 5/16-18 x 7/8 Hex Hd. Hinge Brkt. To C'case	2
2x187	Screw - Rocker Support Cap	24
2x188	Screw - 3/8-16 x 1-1/8 Hex Hd., Eng. Mtg. Nose Brkt.	2
2x196	Screw - 7/16-14 x 1-5/8 Hex Hd., Eng. Mtg. Bracket	4
2x197	Screw - 3/8-16 x 1-5/8 Hex Hd., Engine Mtg. Bracket	2
2x198	Screw - 3/8-16 x 3-1/16 Hex Hd., Fuel Pump To Propeller Shaft Housing	4
2x1103	Screw - 5/16-18 x 2-1/8 Hex Hd., Rocker Support	48
2x1105	Screw - 3/8-16 x 1-3/8 Hex Hd., Starter To Crankcase	4
2x219	Screw - 5/16-24 x 1-1/4 Hex Hd., Gen. To Hinge Bracket	2
2x222	Screw - 1/4-28 x 1-9/32 Hex Hd., Pipes To Manifold	12
2x223	Screw - 5/16-24 x 1 Hex Hd.	13
2x234	Screw - 5/16-24 x 1-9/16 Hex Hd., Top Rail	10
2x238	Screw - 5/16-24 x 2-1/4 Hex Hd., Top Rail & Gen. Link Bracket	1
2x428	Screw - Oil Inlet Pipe Clamp 1/2-28 x 3/4	1
3x19	Nut - 1/4-20, Hex Jam, Set Screw	1
3x210	Nut - 3/8-24 Hex Jam, Adjusting Screw	12
3x82	Nut - 1/4-28, Castle Bracket Clamp Screw	1
3x84	Nut - 5/16-24, Castle	12
4x115	Washer - Lock, Magneto Outlet Plate To Magneto	4
5x16	Washer - 5/16 Plain	22
5x19	Washer - 5/16 Plain	4
5x21	Washer - 1/4 Plain	17
5x22	Washer - 5/16 Plain	78
5x23	Washer - 3/8 Plain, Nose Plate Stud	6
5x25	Washer - #10 Plain, Baffle To Housing	4
5x111	Washer - 1/4 Plain, Coil To Housing	2
5x121	Washer - #4 Plain, Terminal	6

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6x11	Key - Woodruff 1/4 x 7/8	4
6x13	Key - Woodruff #9	1
6x16	Key - Woodruff #5, Accessory Drive Shaft To Camshaft	1
6x114	Key - Woodruff #212, Gears To Shaft	4
6x116	Key - Woodruff #2	4
7x15	Plug - 1/4 Iron Drilled Shank Pipe, Oil Drain	2
7x32	Plug - 1/4 Iron Slotted Headless Pipe	1
7x33	Plug - 3/8 Iron Slotted Headless Pipe	3
7x35	Plug - 3/8 Iron Slotted Headless Pipe, Crankcase Face	1
7x45	Plug - 3/8 Alum. Sltd. Headless Pipe, Prop. Oil Ret.	3
8x17	Pin - 3/32 x 1/2 Cotter, Breather Tube To Prop. Housing	1
8x112	Pin - 3/32 x 3/4 Cotter, Connecting Rod Bolts	12
8x116	Pin - 1/8 x 1 Cotter, Oil Float	1
8x118	Pin - 1/16 x 5/8 Cotter	13
12x28	Screw - 1/4-28 x 3/8 Fill. Hd., Valve Cover	36
12x42	Screw - #10-32 x 5/8 Fill. Hd., Mag. Outlet Plate To Magneto	8
14x531	Wire - Distributor Ignition	1
14x532	Wire - Distributor Ignition	1
14x533	Wire - Distributor Ignition	1
14x534	Wire - Distributor Ignition	1
14x535	Wire - Distributor Ignition	1
14x536	Wire - Distributor Ignition	1
14x537	Wire - Distributor Ignition	1
19x14	Washer - 1/4 Shakeproof Lock	44
19x17	Washer - 5/16 Shakeproof Lock	48
19x32	Washer - 1/4 Shakeproof Lock	2
19x113	Washer - 3/8 Shakeproof Lock	8
23x61	Nut - 1/4-28 Elastic Stop, Coil To Housing	18
23x62	Nut - 5/16-24 Elastic Stop	69
23x63	Nut - 3/8-24 Elastic Stop, Nose Plate Stud	6
23x64	Nut - Stop 7/16-20 Elastic Stop	50
23x65	Nut - #10-32 Elastic Stop, Baffle To Housing	4
25x41	Screw - #4 x 3/8 Parker Kalon, Type A, Terminal	6
28x76	Seal - 2-3/4 x 3-3/4 x 1/2 Wide, Oil Nose Plate	1
28x83	Dowel - 1/4 x 3/4, Oil Pump	1
28x832	Dowel - 1/8 x 3/8, Cover To Body	2
28x848	Dowel - 5/16 x 7/8	4

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31x21	Thread - Silk #40, Between Crankcases	22-1/2"
32x14	Wire - .041 Steel Lacing	50"
5512	Gasket - Magneto & Ignition Drive Unit	2
5573	Tube - Breather, Rigid	1
7415	Washer - Oil Level Gauge Felt	1
10091	Gasket - Oil Pump Pipe	1
10239	Plug - Oil Drain, 3/4 Pipe	1
10508	Cap - Oil Filler	2
11204	Spacer - Nose Plate Stud	6
12201	Nut - Connecting Rod Bolt, 3/8-24, Slotted	12
12433	Connector - Oil	2
12686	Elbow - Fuel Pump Inlet AN822-6D, Even Side	2
13432	Washer - Fan Bolt, 1/16 Thick	16
13538	Dowel - Crankcase, Upper	2
13539	Dowel - Engine Mounting Bracket	10
13541	Washer - Valve Spring Bottom, 1/16 Shim	As Req.
13542	Washer - Valve Spring Bottom, 1/32 Shim	As Req.
13547	Spring - Inner Valve	12
13548	Spring - Outer Valve	12
13563	Washer - Valve Spring, Upper	12
13579	Circllet - Valve Lifter Rod Guide	12
13605	Bolt - Crankcase, Lower	4
13607	Washer - Valve Rocker Support, Center Lock	18
13608	Washer - Valve Rocker Support, Outer Lock	12
13625	Bushing - Connecting Rod, Upper	6
13641	Packing - Valve Lifter Rod Tube	As Req.
13800	Bolt - Fan, 1-7/8"	As Req.
13801	Bolt - Fan, 2", For Balancing	As Req.
13802	Bolt - Fan, 2-1/8", For Balancing	As Req.
13803	Washer - Fan Bolt, .025 Thick - Balancing	As Req.
13805	Washer - Fan Bolt, 1/8 Thick	As Req.
13976	Bushing - 3/8 x 1/4 Reducer, Fuel Pump AN-912-2D	2
14039	Seal - Oil Cooler, AN6227-12 (Not In Gasket Assy.)	2
14231	Manifold - Inlet	2
14248	Screw - Cylinder Liner Lock Pin	24
14450	Piston - 7.0:1	6
14462	Ring - Piston, 2nd Groove	6
14463	Ring - Piston, 3rd Groove	6
14468	Pan - Oil	1

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14471	Pin - Piston	6
14475	Ring - Piston, Top Groove	6
14487	Bolt - Propeller Shaft	8
14494	Plug - Piston Pin	12
14504	Spacer - Fan Bolt	8
14505	Bushing - Fan Bolt, Conical	16
14516	Housing - Tachometer Drive	1
14517	Gasket - Tachometer Drive Housing	1
14518	Connector - Tachometer Drive	1
14519	Bracket - Engine Mounting (On Propeller Housing)	1
14526	Zone - Distributing (Cast Alum. Marvel Carb.)	2
14527	Pipe - Distributing Zone (2-1/4 dia. Alum.)	2
14601	Bolt - Starter Gear, Hub To Crankshaft	6
14609	Gear - Camshaft	1
14615	Coupling - Distributor Drive	1
14620	Washer - Starter Gear Hub Lock	1
14621	Bracket - Engine Mounting (Fan End, Odd Side)	1
14622	Bracket - Engine Mounting (Fan End, Even Side)	1
14627	Packing - Inlet Manifold	6
14628	Flange - Inlet Manifold	6
14641	Screw - Propeller Housing Cross Shaft Set	1
14645	Magneto - Scintilla 1-37610-2, Type S6LN-31, Odd Side	1
14650	Rod Assy. - Valve Lifter	12
14651	Coupling - Magneto Drive	1
14652	Valve - Inlet	6
14653	Valve - Exhaust	6
14667	Key - Valve Spring Washer	24
14668	Rocker Assy. - Exhaust Valve (Engine 23276 and up)	6
14670	Case - Timing Gear	1
14673	Support - Valve Rocker, Outer (Eng. 23276 and up)	12
14686	Gear - Crankshaft	1
14687	Hose - Equalizer Pipe	1
14688	Gasket - Oil Filler Cap	1
14689	Bracket - Starter Support (Eng. 23001 to 23007 Incl.)	1
14691	Tube - Oil Level	1
14692	Gauge Assembly - Oil Level, Odd Cyl. Side	1
14700	Gasket - Propeller Shaft Housing	1
14701	Gasket - Fuel Pump	2
14702	Gasket - Carburetor	1
14705	Gear - Tachometer Drive Bevel	1
14708	Seal - Timing Case Crankshaft Oil	1
14712	Bracket - Oil Inlet Pipe	1
14718	Gasket - Inlet Manifold Pipe	6
14719	Plug - Crankshaft	1
14724	Gasket - Valve Cover	6
14730	Bolt - Connecting Rod	12
14734	Gasket - Relief Valve Housing	1
14738	Carburetor - Marvel #10-3007	1
14740	Nut - Exhaust Stud	12
14787	Cover - Valve	6

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14797	Bushing - Crankshaft	8
14803	Rocker Assy. - Inlet Valve	6
14804	Spring - Oil Cooler Relief Valve	1
14805	Bushing - Connecting Rod, Lower	12
14811	Coil - Ignition, E.A.L. CM 4007	1
14812	Distributor - E.A.L. IAM-4001, Even Side	1
14813	Hub - Starter Gear	1
14815	Gear Assembly - Starter	1
14819	Liner - Cylinder	6
14821	Support - Valve Rocker, Center	6
14824	Clamp - Hose, Ideal 66-21	2
14830	Baffle - Propeller Shaft Housing	1
14833	Slinger - Crankshaft Oil	1
14834	Drive Assembly - Tachometer	1
14842	Generator - E.A.L. GGS-4801A EO-8686	1
14848	Tube - Exhaust Port (Includes Flange 14716)	6
14868	Regulator - Voltage E.A.L. VRX 4401A EO-8722	1
14872	Washer - Rocker Support, Outer Lock	12
14883	Belt - Generator	1
14884	Link - Generator Adjusting	1
14899	Clamp - High tension Wire	4
14901	Pointer - Timing Mark	1
14908	Housing - Ignition Shaft	1
14910	Shaft - Ignition Drive Shaft	1
14911	Bushing - Ignition Drive Shaft	1
14912	Washer - Ignition Shaft Thrust	1
14922	Drive Assembly - Ignition	1
14923	Rod Assembly - Connecting	6
14931	Bracket - Generator Hinge	2
14935	Sheave - Generator Drive	1
14938	Pin Assembly - Valve Rocker	12
14939	Bracket - Generator Link Mounting	1
	(For Fastenings See Crankcase Group, Page 2)	1
14942	Fan And Starter Gear Assembly	1
14946	Clip - Oil Inlet Float	1
14949	Tube Assembly - Valve Lifter Rod	12
15025	Gear - Oil Pump Shaft	1
15027	Gasket - Propeller Shaft Housing Connector	1
15029	Grommet - High Tension Wire	1
15030	Plate - Magneto Outlet	1
15031	Wire Assembly - High Tension	1
15046	Switch - Solenoid Starting, E.A.L. SST-4001A	1
15063	Pipe Assembly - Manifold Equalizer, Odd Side	1
15064	Pipe Assembly - Manifold Equalizer, Even Side	1

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15070	Plate - Oil Pan Flange	1
15091	Shaft - Oil Pump Drive	1
15092	Shaft - Oil Pump Stationary	1
15093	Gear - Oil Pump Drive	1
15094	Gear - Oil Pump Driven	2
15098	Cover Assembly - Oil Pump	1
15100	Pump Assembly - Oil	1
15104	Plunger - Oil Pump Relief Valve	1
15105	Spring - Oil Pump Relief Valve	1
15106	Nut - Oil Pump Relief Valve Spring	1
15107	Housing - Relief Valve, By-Pass Plate	1
15109	Pipe assembly - Oil Pump Inlet	1
15112	Crankshaft Assembly	1
15114	Washer - Relief Valve Nut Lock & Temperature Hole Plug	1
15118	Washer - Valve Spring, Bottom, Cupped	24
15122	Plate - Oil Pump Shaft	1
15138	Bearing - Propeller Shaft	1
15142	Gasket And Packing Assembly	1
15145	Plate - Propeller Shaft Housing Nose	1
15147	Shaft - Propeller	1
15148	Sleeve - Propeller Shaft Oil Seal	1
15150	Plate - Timing Gear Case Flange	1
15152	Body - Oil Pump	1
15157	Pin - Cylinder Liner Lock	12
15159	Motor - Starting E.A.L. MCJ-4002	1
15163	Packing - Nose Plate Dowel Ring & Main Brg. Stud	12
15169	Washer - Lock, Oil Inlet Pipe To Cover	2
15170	Washer - Lock, Oil Pump To Crankcase	3
15171	Washer - Lock	7
15175	Washer - Mounting Bracket Lock 3/8	4
15176	Washer - Mounting Bracket Lock 7/16	4
15184	Blanket - Starting Motor Insulating	1
15185	Spacer - Starting Motor Insulating, Short	1
15186	Spacer - Starting Motor Insulating, Long	1
15196	Gasket - Timing Gear Case	1
15197	Gasket - Oil Pan	1
15202	Elbow - Starting Motor Blast	1
15209	Cylinder Assembly	6
15217	Wire Assembly - Distributor To Coil, Low Tension	1
15234	Clamp - Oil Pipe Inlet, Steel	1
15235	Bracket - Oil Inlet Pipe, Odd	1
15236	Bracket - Oil Inlet Pipe, Even	1
15238	Cooler Assembly - Oil	1
15242	Gasket - Nose Plate, .004" Vellumoid	1
15243	Gasket - Nose Plate, 1/64" Vellumoid	1
15244	Gasket - Nose Plate, 1/32" Vellumoid	1
15249	Crankcase Assembly	1
15278	Lifter - Valve	12

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15282	Screen - Oil Inlet	1
15286	Spacer - Tachometer Drive Gear	1
15287	Gear - Tachometer Drive Gear	1
15288	Screw - Accessory Drive Shaft Set	1
15289	Shaft - Accessory Drive	1
15294	Camshaft Assembly	1
15295	Magneto - Ground Wire Terminal Assembly	1
15296	Washer - Tachometer Drive Gear Spacer	1
15335	Valve - Hydraulic Lifter	12
15336	Ring - Hydraulic Lifter Valve	12
15438	Pump - Fuel, AC 1539432	1
15439	Pump - Fuel, AC 1539431	1
17475	Insert - Spark Plug (14 MM Helicoil)	12
17621	Gear - Ignition Drive, 24 Teeth	2
17630	Gasket - Distributor	1
17632	Clamp - Distributor Holddown	2
17654	Screw - Valve Rocker Adj.	12
17729	Ring - Cylinder Seal (Use With Straight Liner)	6
17745	Sleeve - Tachometer Drive	1
17778	Bolt - Starter Gear To Hub	8
17932	Ball - Cooler Relief Valve 9/16	1
17932	Ball - Oil Cooler Relief Valve	1
17953	Plug - Spark, E.A.L. A-4	12
18048	Ring - Cylinder Seal (Use With Shouldered Liner)	6
18191	Terminal - High Tension Wire 90°	12
18277	Washer - Lock, Oil Pump Cover	2
18536	Plug - Crankcase Temperature Hole	1
18568	Packing - Tachometer Drive	1
19022	Washer - Cylinder Holddown & Main Bearing Stud	50

**SPARE PARTS LIST
OVERSIZE & UNDERSIZE**

<u>STANDARD PART NO.</u>	<u>O/S - U/S PART NO.</u>	<u>DESCRIPTION</u>	<u>O/S</u>	<u>U/S</u>
10191		Stud-Exhaust Tube		
	10191+.003	Stud-Exhaust Tube	+.003	
	10191+.006	Stud-Exhaust Tube	+.006	
	10191+.009	Stud-Exhaust Tube	+.009	
11139		Stud-Mag. 4, Carb. 4		
	11139+.003	Stud-Mag. 4, Carb. 4	+.003	
	11139+.006	Stud-Mag. 4, Carb. 4	+.006	
	11139+.009	Stud-Mag. 4, Carb. 4	+.009	
12754		Stud-Propeller Shaft Housing		
	12754+.003	Stud-Propeller Shaft Housing	+.003	
	12754+.006	Stud-Propeller Shaft Housing	+.006	
	12754+.009	Stud-Propeller Shaft Housing	+.009	
13392		Stud-Crankshaft Bearing		
	13392+.003	Stud-Crankshaft Bearing	+.003	
	13392+.006	Stud-Crankshaft Bearing	+.006	
	13392+.009	Stud-Crankshaft Bearing	+.009	
13410		Stud-Inlet Manifold		
	13410+.003	Stud-Inlet Manifold	+.003	
	13410+.006	Stud-Inlet Manifold	+.006	
	13410+.009	Stud-Inlet Manifold	+.009	
13525		Stud-Prop. Shaft Housing		
	13525+.003	Stud-Prop. Shaft Housing	+.003	
	13525+.006	Stud-Prop. Shaft Housing	+.006	
	13525+.009	Stud-Prop. Shaft Housing	+.009	
14075		Stud-Prop. Inlet Manifold		
	14075+.003	Stud-Prop. Inlet Manifold	+.003	
	14075+.006	Stud-Prop. Inlet Manifold	+.006	
	14075+.009	Stud-Prop. Inlet Manifold	+.009	
14374		Stud-Ignition Coil		
	14374+.003	Stud-Ignition Coil	+.003	
	14374+.006	Stud-Ignition Coil	+.006	
	14374+.009	Stud-Ignition Coil	+.009	
14471	15044+.001	Pin - Piston	+.001	
14471	15045+.002	Pin - Piston	+.002	

SPARE PARTS LIST
OVERSIZE & UNDERSIZE

14476		Stud-Crankshaft Bearing	
	14476+.003	Stud-Crankshaft Bearing	+.003
	14476+.006	Stud-Crankshaft Bearing	+.006
	14476+.009	Stud-Crankshaft Bearing	+.009
14489		Stud-Cylinder Hold-down	
	14489+.003	Stud-Cylinder Hold-down	+.003
	14489+.006	Stud-Cylinder Hold-down	+.006
	14489+.009	Stud-Cylinder Hold-down	+.009
14618		Stud-Prop. Shaft Housing	
	14618+.003	Stud-Prop. Shaft Housing	+.003
	14618+.006	Stud-Prop. Shaft Housing	+.006
	14618+.009	Stud-Prop. Shaft Housing	+.009
14706		Stud-Nose Plate	
	14706+.003	Stud-Nose Plate	+.003
	14706+.006	Stud-Nose Plate	+.006
	14706+.009	Stud-Nose Plate	+.009
14797	15078-.010	Bushing-Crankshaft	-.010
14797	15079-.020	Bushing-Crankshaft	-.020
14805	15042-.010	Bushing-Connecting Rod, Lower	-.010
14805	15043-.020	Bushing-Connecting Rod, Lower	-.020
15208	15271+.001	Guide-Valve) Engine	+.001
15208	15272+.002	Guide-Valve) #23058	+.002
15208	15273+.005	Guide-Valve) and up	+.005
15218	15251+.001	Insert-Inlet Valve Seat	+.001
15218	15252+.001	Insert-Inlet Valve Seat	+.002
15218	15205+.001	Insert-Inlet Valve Seat	+.005
15218	15253+.001	Insert-Inlet Valve Seat	+.010
15219	15254+.001	Insert-Exhaust Valve Seat	+.001
15219	15255+.002	Insert-Exhaust Valve Seat	+.002
15219	15206+.005	Insert-Exhaust Valve Seat	+.005
15219	15256+.010	Insert-Exhaust Valve Seat	+.010
18171		Stud-Timing Gear case	
	18171+.003	Stud-Timing Gear case	+.003
	18171+.006	Stud-Timing Gear case	+.006
	18171+.009	Stud-Timing Gear case	+.009

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CARBURETOR - MARVEL-SCHEBLER MA-4-5

AIRCOOLED MOTORS, INC. PART NO. 14738

Component Parts List

<u>PART NO.</u>	<u>PART NAME</u>	<u>PRICE</u>	<u>QTY</u>
10-3037	Carburetor Body & Bowl Assembly	40.40*	1
12-809	Throttle Lever & Screw Assembly	1.60*	1
13-853	Throttle Shaft Assembly	3.25*	1
14-187	Fly-Throttle	.35*	1
15-126	Screw-#10-32 x 5/16 Hex Hd., Throttle Adj.	.25*	1
15-460	Screw-#8-32 x 3/8 Flat Fil. Hd., Idle Adj. Needle	.15*	3
15-493	Screw-#10-24 x 5/8 Flat Fil. Hd., Throttle Lever Clamp	.10*	1
15-A13	Screw-#8-32 Special, Mixture Control Lever	.15*	1
15-A14	Screw-#10-24 Hex Hd., Bowl Vent Strainer Housing Retaining Screw	.05*	2
15-A15	Screw-#10-32 Special Set, Pump Lever Lock	.25*	1
15-A16	Screw-Pump Idler Lever	.50*	1
15-A17	Screw-1/4-28 x 7/8, Special Channel Plug	.10*	6
15-A21	Screw-#4-40 x 1/4 Rd. Hd., Float Bracket	.05*	2
15-A22	Screw-#8-32, Special Channel Plug	.10*	1
15-A23	Screw-#8-32 x 3/8 French Hd., Throttle Fly	.05*	2
15-A27	Screw-Pump Discharge Check Valve Retaining	.20*	1
15-A28	Screw-#4 Drive	.05*	2
15-A48	Screw-1/4-20, Special Ratchet Plug	.05*	1
16-A16	Gasket-Bowl Vent Housing	.05*	1
16-A28	Gasket-Mixture Metering Valve Head	.05*	1
16-A30	Gasket-Nozzle	.05*	1
16-A31	Gasket-Throttle Body TO Bowl	.15*	1
16-A32	Gasket-Float Valve Seat	.05*	1
16-A39	Gasket-Idle Adjusting Needle Retainer	.05*	1
16-A40	Gasket-Pump Idler Lever	.05*	1
16-A42	Gasket-Power Jet	.05*	1
16-A48	Gasket-Safety Washer, Fuel Inlet, Strainer	.10*	2
16-A56	Gasket-Air Metering Pin Jet Plug	.05*	1
16-625	Gasket Assortment	.60*	1
24-284	Spring-Pump Leather Expanding	.15*	1
24-351	Spring-Pump Follow-Up	.15*	1
24-480	Spring-Mixture Metering Valve Head	.10*	1
24-A30	Spring-Air Metering Pin Return	.10*	1
24-A33	Spring-Throttle Opening	.15*	1
24-A39	Spring-Throttle Adjusting Screw	.10*	1
29-113	Clip-Venturi Retainer	.10*	3
30-629	Float And Lever Assembly	3.15*	1
32-35	Shaft-Float Lever	.15*	1

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36-539	Pump-Inlet Check Valve Assembly	.95*	1
43-587	Idle adjusting Needle Assembly	1.80*	1
44-44	Packing-Throttle Shaft	.05*	2
46-496	Venturi-Main	2.50*	1
49-212	Jet-Power	.70*	1
55-255	Retainer-Throttle Shaft Packing	.15*	2
60-390	Bushing-Throttle Shaft	.55*	2
62-56	Pin-Spring Seat Locating	.05*	1
66-14	Lock-Wire, Drain Plug	.05*	1
66-18	Lock-Wire, Mixture Control Valve Lever	.05*	1
66-20	Lock-Wire, Air Metering Pin Jet Plug 1, Pressure Tack-off 2	.05*	3
78-1	Washer-Pump Idle Lever	.05*	1
78-5	Washer-#10 Lock, Bowl Vent Strainer Screen Hsg.	.05*	2
78-9	Washer-1/4" Lock, Cover Screw	.05*	6
78-121	Washer-Special, Bowl Vent Strainer Screen Hsg.	.05*	2
78-184	Washer-Mixture Metering Valve Head	.05*	2
78-356	Washer- Mixture Metering Valve Head	.05*	1
78-357	Washer-Special Lock, Mixture Control Lever	.05*	1
78-371	Washer- Special Lock, Bowl Cover	.05*	6
78-374	Washer- Special Lock, Idle Needle Plate	.10*	3
78-375	Washer- Special Lock, Pump Idler Lever Screw	.05*	1
82-9	Cotter-Bowl Cover Screw	.05*	6
82-11	Cotter-Float Shaft	.05*	4
95-63	Screen-Bowl Vent Strainer	.15*	1
95-506	Fuel-Inlet Strainer Screen Assembly	1.05*	1
110-173	Flange-Bowl Vent Strainer Screen Housing	.20*	1
136-62	Bracket-Float	.15*	1
155-560	Pump Lever Assembly	1.60*	1
221-79	Housing-Bowl Vent Strainer Screen	.20*	1
227-1081	Throttle Body & Bowl Cover Assembly	54.25	1
227-1082	Throttle Body & Bowl Cover Assy. - Complete		
229-548	Idle Tube Assembly	.65*	1
233-556	Float-Valve Seat & Gasket Assembly	1.65*	1
242-505	Mixture Metering Valve Assembly	1.05*	1