

ENGINE • FUEL SYSTEM

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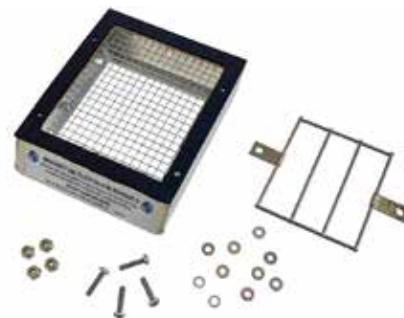
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Air Filters

- Brackett filters are FAA-PMA approved and STC-SA71GL, STC-SA693CE, and STC-SA12CE approved



Polyurethane as the filtering media combined with Brackett's patented "wetting agent" will give your engine protection from dust and dirt to prolong engine life and cut maintenance. The Brackett polyurethane aircraft element can be changed without replacing the complete air filter assembly. Now induction systems, cylinders, and combustion chambers can be kept almost totally free of harmful contaminants with correct fitting of Brackett aviation air filters.



Brackett Air Filter Application Chart

Aircraft Make and Model	Brackett Filter Assembly		Filter Gasket		Brackett Element	
	Part #	Price	Part #	Price	Part #	Price
■ AIRCOUPE						
415C, CD, D, E, G	BA-8810	\$60.35	—	—	BA-8805	\$11.16
F-1, A-1, A2-2	BA-4106	\$77.30	BA-4101	\$7.22	BA-4108	\$10.25
■ BEECH						
23, A23, A23A, A23-19, A23-19A, A23-24, B23	BA-104	\$39.57	—	—	BA-3	\$22.22
C-23, C24R, A24R, B24R, B19	—	—	—	—	—	—
33, A33, B33, C33, E33, F33	BA-7110	\$92.55	—	—	BA-7112	\$18.59
C33A, E33A, E33C, F33A, F33C, G33	—	—	—	—	BA-7112	\$18.59
B35, C35, D35, E35, F35, G35, H35, J35, K35, M35, N35, P35, 35R	BA-7110	\$92.55	—	—	BA-7112	\$18.59
S35 through S/N D7671	—	—	—	—	BA-7112	\$18.59

Aircraft Make and Model	Brackett Filter Assembly		Filter Gasket		Brackett Element	
	Part #	Price	Part #	Price	Part #	Price
S35, V35, V35A, V35B, 36, A36, A36TC, B36TC, A45 (T-34), B45 (T-34A), D45 (T-34B), W/STC SA1450SW CONT IO-520	—	—	—	—	BA-7112	\$18.59
50, B50, C50, D50, D50A, D50B, D50C, D50E	—	—	—	—	BA-4805	\$24.06
E50 (L-23D, RL-23D), F50, G50, H50, J50	BA-100	\$129.38	BA-1003	\$21.00	—	—
C55, D55, E55, E55A (S/N TE768-1078), 58 (through S/N TH740)	—	—	—	—	BA-6205	\$18.03
A65, 70, 65-B80, B88	BA-100	\$129.38	BA-1003	\$21.00	—	—
77	—	—	—	—	BA-6108	\$12.42
■ BELLANCA						
14-19-3A	BA-8110	\$112.61	BA-8101	\$19.65	BA-8103-1	\$23.16
17-30	BA-8110	\$112.61	—	—	BA-8103-1	\$23.16
17-30A	BA-104	\$39.57	—	—	BA-3	\$22.22
■ CESSNA						
120, 140, 140A, 150, 150A, B, C, D, E, F, G, H, J, K, L, M, A150M, 152, A152, F150G, H, J, K, L, M, FA150K, L, F152, FA152	BA-4106	\$77.30	BA-4101	\$7.22	BA-4108	\$10.25
170, 170A, B, 172, 172A, B, C, D, E, F, G, H, I, K, L, M, F172D, E, F, G, H, K, L, M	—	—	BA-5103	\$6.72	BA-6108	\$12.42
172-N, P, F172N, P	—	—	BA-5103	\$6.72	BA-6108	\$12.42
172RG	—	—	BA-5803	\$11.90	—	—
177, 177A, B, RG, F177RG	BA-5710	\$112.16	—	—	—	—
180 (1953-1955)	BA-8010	\$93.84	—	—	BA-8005	\$15.15
180A, B, C, D, E, F, G, H, J, K; 182, 182A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, F182P, Q; 185, 185A, B, C, D, E, A185E, A185F	BA-8110	\$112.61	BA-8101	\$19.65	BA-8103-1	\$23.16
R-182, TR-182, T-182, FR182	BA-2510	\$101.94	BA-2503	\$10.43	—	—
205, 205A; 210, 210A, B, C; 310, A, B	—	—	—	—	BA-2305	\$22.74
P206, A, B, C, D, E, U206, A, B, C, D, E, F, G	BA-2210L	\$114.20	—	—	BA-2205L	\$25.67
207, 207A	BA-2210L	\$114.20	—	—	BA-2205L	\$25.67
210D, E, F, G, H, J, K, L, M, N (to S/N 64535 without AIR)	BA-2210L BA-2210R	\$114.20 \$114.20	—	—	BA-2205L BA-2205R	\$25.67 \$25.67
T-303	—	—	BA-2503	\$10.43	—	—
310F, G, H, I, J, K, L	—	—	BA-2303	\$21.86	BA-2305	\$22.74
T310R, 402B (S/N 801 and up); 421, 421A, B, C	—	—	—	—	BA-13	\$36.81
■ CHAMPION						
8KCAB, 8GCBC, 7KCAB, 7GCBC, 7GCAA	BA-8110	\$112.61	BA-8101	\$19.65	BA-8103-1	\$23.16
7GCAA, 7GCBC, 7KCAB, 8KCAB, 7ECA	BA-106	\$58.32	—	—	BA-11	\$27.68
7GC, 7GCA, 7GCBC, 7GCB, 7HC, 7KC	BA-104	\$39.57	—	—	BA-3	\$22.22
7ECA with Continental O-200-A engine, 7ACA, 7ECA, 7FC, 65CA	BA-4106	\$77.30	BA-4101	\$7.22	BA-4108	\$10.25
■ LUSCOMBE						
8, 8A through 8F, T8F	BA-4106	\$77.30	BA-4101	\$7.22	BA-4108	\$10.25
■ MOONEY						
M-10	BA-4106	\$77.30	BA-4101	\$7.22	BA-4108	\$10.25

Aircraft Make and Model	Brackett Filter Assembly		Filter Gasket		Brackett Element	
	Part #	Price	Part #	Price	Part #	Price
M-18C	—	—	BA-5103	\$6.72	BA-6108	\$12.42
M20, M20A, B, C, D, G	BA-6110	\$95.45	BA-5103	\$6.72	BA-6108	\$12.42
M20E, F	BA-6310	\$91.68	—	—	BA-6305	\$24.39
M20J	—	—	—	—	BA-6205	\$18.03
■ PIPER						
J-3, J-4, J-5	BA-4106	\$77.30	BA-4101	\$7.22	BA-4108	\$10.25
PA-11, 11S, 12, 12S	BA-4106	\$77.30	BA-4101	\$7.22	BA-4108	\$10.25
PA-16, 17, 18, 19	BA-4106	\$77.30	BA-4101	\$7.22	BA-4108	\$10.25
PA-18-150, PA-18A-150, PA-18S-150, PA-18AS-150 S/N 18-6964 and up, with TCDS item 110 installed	BA-112	\$79.98	—	—	BA-13	\$36.81
PA-20, 11S and 135hp	BA-4106	\$77.30	BA-4101	\$7.22	BA-4108	\$10.25
PA-22, all	BA-4106	\$77.30	BA-4101	\$7.22	BA-4108	\$10.25
PA-23, 23S and 250hp	BA-104	\$39.57	—	—	BA-3	\$22.22
PA-24-250 up to S/N 1476	—	—	—	—	BA-3205	\$19.61
PA-24, 180 and 250hp S/N 1477 and up, PA-24-250 S/N 103 to 1476 with Piper kit 754-285 installed, PA-24-260 S/N 4000 to 4802 except 4783	BA-104	\$39.57	—	—	BA-3	\$22.22
PA-25, 23S and 260hp	BA-104	\$39.57	—	—	BA-3	\$22.22
PA-28-140, 150, 160, 180, 235	BA-104	\$39.57	—	—	BA-3	\$22.22
PA-28-181, 201T	BA-104	\$39.57	—	—	BA-3	\$22.22
PA-28R-201T	BA-104	\$39.57	—	—	BA-3	\$22.22
PA-28RT-201T	BA-104	\$39.57	—	—	BA-3	\$22.22
PA-28R-201, PA-28RT-201, PA-28R-180, PA-28R-200	BA-105	\$56.03	—	—	BA-10	\$34.77
PA-28-151, 161	—	—	—	—	BA-16	\$11.69
PA-30-160	BA-105	\$56.03	—	—	BA-10	\$34.77
PA-31, PA-31-300, -310, -325, -350	BA-100	\$129.38	BA-1003	\$21.00	—	—
PA-32-260	BA-104	\$39.57	—	—	BA-3	\$22.22
PA-32-300 S/N 76-40001 and up, PA-32R-300, PA-32RT-300, PA-32R-301	BA-104	\$39.57	—	—	BA-3	\$22.22
PA-32RT-300T	BA-100	\$129.38	BA-1003	\$21.00	—	—
PA-34-200T, 220T	BA-104	\$39.57	—	—	BA-3	\$22.22
PA-34-200 with Lycoming IO-360-C01E6 or LIO-360-C1E6	BA-105	\$56.03	—	—	BA-10	\$34.77
PA-36-300 with Continental 6-285-B, PA-36-375	BA-104	\$39.57	—	—	BA-3	\$22.22
PA-38	BA-4106	\$77.30	BA-4101	\$7.22	BA-4108	\$10.25
PA-39, PA-44-180	BA-105	\$56.03	—	—	BA-10	\$34.77
■ STINSON						
108, 108-1, 2, 3	BA-9110	\$50.91	—	—	BA-9105	\$14.34
■ TAYLORCRAFT						
All models	BA-4106	\$77.30	BA-4101	\$7.22	BA-4108	\$10.25

Original Paper Type Air-Maze Air Filters

Univair supplies a wide variety of air filters for light planes. Protect yourself and your engine by replacing your air filter regularly.



Piper PA-18 Air Filters

- Applicability: Piper PA-18, PA-18A 150hp models, S/N 18-6964 and up
- FAA-PMA approved

Air Filter U454-118 **\$85.96**



- Applicability: Piper PA-18, 135hp and 150hp models
- Also for seaplanes

Air Filter (460-638) 120086 **\$101.76**



Piper PA-22 Air Filter

- Applicability: Piper PA-22 108hp, 135hp, 150hp and 160hp

Air Filter (13681)..... 121494 **\$195.26**



Air-Maze Air Filter

- Applicability: Continental engines A-65, A-75, C-85, C-90, and C-125; Luscombe 8A through 8F, Taylorcraft, Cessna 140, Swift GC-1A and GC-1B, etc.; Piper J-3 through J-5, PA-11, PA-15, PA-17, PA-18 (90hp, 105hp, 125hp models) and PA-22 (125hp models)
- Use with UA50256 housing

Air Filter (40599)..... 600314 **\$109.99**
 Cross Pin (24308) 652021 **\$24.42**
 Gasket 652142 **\$8.23**
 Airlock Receptacle (531050) 99871C098 **\$5.52**
 Continental Air Box UA50256 **\$989.69**



Ercoupe Air Filter

- Paper type air filter screen
- Applicability: Continental C-75 and C-85, Ercoupe 415 series

Air Filter 415-40585-1 **\$121.60**



Aeronca Air Filter

- Applicability: Aeronca 7AC and 11AC

Air Filter U2-849 **\$161.47**



Franklin and Stinson Air Filter

- Applicability: Franklin 150-165hp engines and Stinson 108 series
- Closeout clip sold separately

Air Filter 108-6221805 **\$152.88**

Closeout Clip 108-6221805-8 **\$27.90**



B&C Specialty Products

90° Oil Filter Adapter

Mounts directly on the accessory case to replace the OEM oil screen, the horizontal mount AC-brand oil filter adapter, or other "remote" oil filtration systems. Ships ready to install with all necessary hardware and Champion oil filter CH48108-1.

- Machined from a solid billet of aluminum
- No hoses or fittings required
- Weighs only 2.25 lb with CH48108-1 filter
- STC/PMA: Lycoming O-235 to IO-720

Oil Filter Adapter BC700-1 **\$450.00**



Primary Alternator System

- STC/PMA for Piper PA-18 and PA-19
- Rated output of 40 amps
- Weight: 6.1 lb
- Includes BC201-1 Regulator

Features a precision-balanced rotor, sealed heavy duty ball bearings, three solid attach points, two built-in cooling fans, and provision for modern, aircraft-appropriate external regulation. Ships with mounting brackets (for either Wide or Narrow-Deck mount engines), attach hardware, belt tension arm, and belt.

Approved for aircraft with previously existing electrical systems, and oil coolers mounted on the aft engine baffle only. Other configurations will require FAA field approval.

Alternator, with Regulator BC201-1 BC400-2 **\$698.00**



Order online at www.univair.com

We Accept:



Lycoming Replacement Starter

- All metal gears (no plastic)
- Heavy duty sealed ball bearings
- Efficient series-wound motor
- Electromechanical pinion actuation
- Weight: 10.2 lb
- STC/PMA: Lycoming O-235 to IO-720



12 Volt Starter, 122 Ring Gear Teeth.....	BC315-100-1	\$580.00
12 Volt Starter, 149 Ring Gear Teeth.....	BC315-100-2	\$580.00
24 Volt Starter, 149 Ring Gear Teeth.....	BC315-100-4	\$610.00

Continental Replacement Starter

- All steel gears
- Heavy duty sealed ball bearings
- High torque series-wound motor
- Billet aluminum end bell
- Electromechanical pinion actuation
- Weight: 10.3 lb
- STC/PMA: Continental C-75, C-85, C-90, C-145, O-200, IO-240, O-300-A, -B, -C, and GO-300-A, -B, -C



12 Volt Starter with Kit 501-1 (Key Type).....	BC320-1-1	\$608.00
12 Volt Starter with Kit 501-3 (Pull-Cable Type).....	BC320-1-3	\$618.00
Continental Starter Install Kit (Key Type)	FK501-1	\$25.00
Continental Starter Install Kit (Pull-Cable Type)	FK501-3	\$60.00

Carburetors

Bendix Stromberg Carburetor NA-S3A1 Assembly

#	Description	Part #	Quantity	Price
8	Plain Hex Nut, #10-32 thread	AN315-3	1	\$0.26
9	Flat Washer	NAS1149F0363P	1	\$0.08
10	Cover Assembly, Mixture Control	P61037	1	\$87.09
13	Gasket, Mixture Control Cover	P61033	1	\$3.20
14	Gasket.....	384667	1	\$6.12
15	Stem, Mixture Control.....	P61034	1	\$109.45
17	Plate, Mixture Control Valve, Upper	P61030	1	\$102.71
18	Plate, Mixture Control Valve, Lower	P61031	1	\$124.78
19	Flat Head Screw, #8-32 by 3/8"	AN505-8-6	1	N/A
20	Gasket.....	P61035	1	\$6.21
30	Pin, Split Taper #4/0.....	P21267-1	AR.....	\$1.29
41	Screw, Fillister Head 1/4-20 by 5/8"	P6550	6	\$3.75
46	Gasket.....	P16155	1	\$8.68
47	Pipe Plug (Bendix P8505)	MS20913-2D	1	\$14.20
51	Pin, Fulcrum.....	P16160	1	\$2.65
54	Needle, Float (390077)	2523047	1	N/A
56	Gasket, 1/32" thick.....	P12999	1	\$5.74
	Gasket, 1/64" thick*	P16165	1	\$6.12
	Gasket, 3/64" thick*	P16166	1	\$7.65

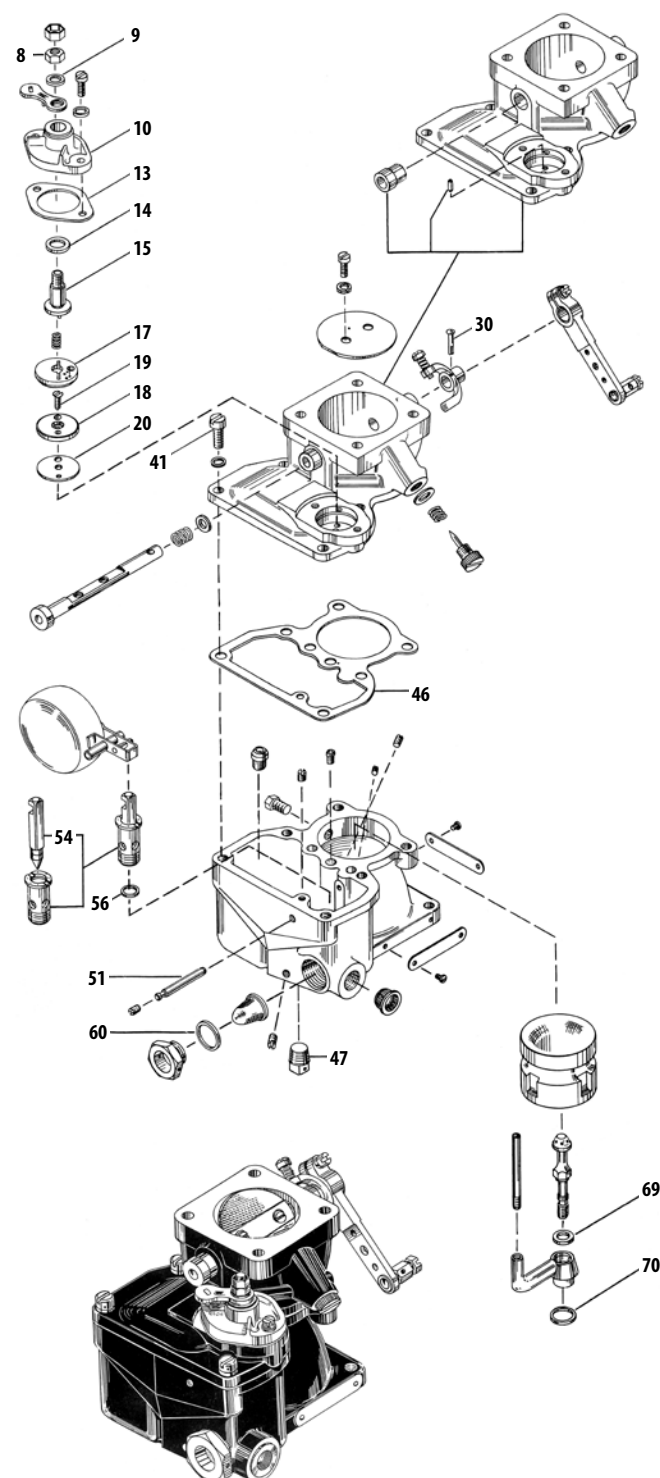
Gasket, 1/16" thick*	P16167	1	\$6.12
60 Gasket.....	1745-22	1	\$14.56
69 Gasket.....	P5329	1	\$6.50
70 Gasket.....	P2885	1	N/A

Gasket Kit (Not Illustrated)** **\$185.51**

* When necessary to change the float level, one of these gaskets may be used under the float needle seat in place of P12999.

** Visit our website to see a complete list of all gaskets included in this kit.

Exploded View



Precision Carburetor Parts • Prices on next page

Carburetor Part #	Pump	Shaft	Nozzle	Idle Tube	Float	Float Shaft	Float Valve	Float Setting	Idle Needle	Gaskets	Repair Kit
A10-2065	—	—	—	—	—	A32-32	—	$\frac{7}{32}$	A43-564	A16-599	*
A10-2065-P	—	—	—	—	—	A32-32	—	$\frac{7}{32}$	A43-564	A16-599	*
A10-2301	A194-580	A13-853	A47-613	—	—	A32-35	A233-614	$\frac{13}{64}$	—	—	*
A10-2535-1	A194-580	—	—	—	A30-766	A32-32	—	$\frac{7}{32}$	A43-564	A16-630	*
A10-2827	—	A13-853	—	A229-560	—	A32-35	A233-614	$\frac{13}{64}$	—	A16-646	*
A10-2848	A194-593	—	A47-652	A229-566	A30-766	A32-32	—	$\frac{7}{32}$	A43-564	CF16-653	A286-1629
A10-2948	—	—	—	A229-541	A30-766	A32-32	—	$\frac{7}{32}$	A43-564	CF16-653	A286-815
A10-2971	A194-593	—	—	A229-569	A30-766	A32-32	—	$\frac{7}{32}$	A43-564	CF16-653	*
A10-2971-P	A194-593	—	—	A229-569	A30-766	A32-32	—	$\frac{7}{32}$	A43-564	CF16-653	*
A10-2983	—	—	A47-667	A229-567	A30-766	A32-32	—	$\frac{7}{32}$	A43-564	—	*
A10-3148-1	A194-580	A13-853	A47-689	A229-572	—	A32-35	A233-614	$\frac{13}{64}$	—	A16-625	*
A10-3237	A194-593	—	A47-702	A229-566	A30-766	A32-32	—	$\frac{7}{32}$	A43-564	CF16-653	*
A10-3323	A194-580	A13-853	—	A229-560	—	A32-35	A233-614	$\frac{13}{64}$	—	A16-646	*
A10-3346-1	A194-593	—	A47-719	A229-569	A30-766	A32-32	—	$\frac{7}{32}$	A43-564	CF16-653	—
A10-3565-1	A194-593	—	A47-728	A229-569	A30-766	A32-32	—	$\frac{7}{32}$	A43-564	CF16-653	A286-1630
A10-3634	A194-580	—	A47-738	—	—	A32-35	A233-614	$\frac{13}{64}$	—	A16-625	*
A10-3649-1	A194-580	A13-853	—	A229-572	—	A32-35	A233-614	$\frac{13}{64}$	—	A16-625	*
A10-3678-12	194-800	—	—	A229-587	A30-766	A32-32	—	$\frac{7}{32}$	A43-564	A16-696	*
A10-3678-32	194-800	—	A47-773	A229-587	A30-766	A32-32	—	$\frac{7}{32}$	A43-564	A16-696	—
A10-3729	A194-593	—	A47-719	A229-569	A30-766	A32-32	—	$\frac{7}{32}$	A43-564	CF16-653	A286-1070
A10-3759	A194-580	A13-853	—	A229-572	—	A32-35	A233-614	$\frac{13}{64}$	—	A16-625	*
A10-3859	A194-580	A13-853	—	A229-572	—	A32-35	A233-614	$\frac{13}{64}$	—	A16-625	A286-939
A10-3859-1	A194-580	—	—	A229-572	—	A32-35	A233-614	$\frac{13}{64}$	—	A16-625	—
A10-3878	—	—	—	A229-590	—	A32-35	A233-614	$\frac{13}{64}$	—	A16-625	—
A10-3965-12	A194-580	A13-853	A47-749	A229-584	—	A32-35	A233-614	$\frac{13}{64}$	—	A16-625	—
A10-4115	A194-593	—	—	A229-587	—	A32-32	—	$\frac{7}{32}$	A43-564	—	—
A10-4164-1	—	—	A47-755	A229-589	—	A32-35	A233-614	$\frac{13}{64}$	A43-649	A16-625	*
A10-4171	A194-580	—	—	A229-584	—	A32-35	A233-614	$\frac{13}{64}$	—	A16-646	*
A10-4191	A194-580	A13-853	A47-749	A229-584	—	A32-35	A233-614	$\frac{13}{64}$	—	A16-625	*
A10-4218-1	—	—	—	—	—	A32-35	A233-614	$\frac{13}{64}$	—	A16-710	—
A10-4233	A194-593	—	—	A229-594	A30-766	A32-32	—	$\frac{7}{32}$	A43-564	—	—
A10-4240	A194-593	—	—	A229-587	A30-766	A32-32	—	$\frac{7}{32}$	A43-564	—	—
A10-4252	A194-593	—	—	A229-587	A30-766	A32-32	—	$\frac{7}{32}$	A43-564	—	A286-1632
A10-4404-1	—	—	A47-779	A229-592	—	A32-35	A233-614	$\frac{13}{64}$	—	A16-646	A286-1643
A10-4439	A194-593	—	A47-702	A229-566	A30-766	A32-32	—	$\frac{7}{32}$	A43-564	A16-653	*
A10-4457	A194-593	—	—	A229-587	A30-766	A32-32	—	$\frac{7}{32}$	A43-564	—	*
A10-4495	A194-580	—	—	—	A30-762	A32-35	A233-614	$\frac{13}{64}$	—	—	A286-1398

Use your Marvel-Schebler Parts and Service Manual for correct parts selection.

* Repair kits for these carburetors are not available.

Prices for Precision Carburetors Parts

See applicability chart on previous page.

Pump

A194-580	\$87.30
A194-593	\$169.82
194-800	\$110.00

Shaft

A13-853	\$334.17
---------------	-----------------

Nozzle

A47-613	\$216.12
A47-652	\$159.93
A47-667	\$182.40
A47-689	\$216.12
A47-702	\$169.38
A47-719	\$87.30
A47-728	\$155.74
A47-738	\$323.26
A47-749	\$217.91
A47-755	\$323.26
A47-773	\$487.07
A47-779	\$354.82

Idle Tube

A229-541	\$112.31
A229-560	\$145.99
A229-566	\$144.52
A229-567	\$142.95
A229-569	\$122.94
A229-572	\$138.70
A229-584	\$132.74
A229-587	\$151.70
A229-589	\$125.92
A229-590	\$125.92
A229-592	\$125.92
A229-594	\$92.82

Idle Needle

A43-564	\$62.21
A43-649	\$156.00

Float Shaft

A32-32	\$33.69
A32-35	\$28.86

Float Valve

A233-614	\$130.66
----------------	-----------------

Gaskets

A16-599	N/A
A16-625	\$108.20
A16-630	\$63.75
A16-646	\$111.84
A16-696	N/A
A16-710	\$122.01
CF16-653	\$53.86

Repair Kit

A286-815	\$489.22
A286-939	\$773.30
A286-1070	\$539.02
A286-1398	\$1,000.40
A286-1629	\$660.00
A286-1630	\$728.48
A286-1632	\$660.00
A286-1643	\$784.03

Precision Replacement Parts

Available while supplies last.

Description	Part #	Price
Screw	A15-A15	\$21.36
Screw	A15-A23	\$5.99
Screw	A15-483	\$5.31
Gasket	A16-A32	\$8.70
Gasket	A16-221	\$12.79
Rod	A17-383	\$41.74
Spring	A24-A10	\$11.15
Spring	A24-A39	\$8.23
Clip	A29-113	\$11.41
Plug	A37-4	\$1.25
Plug	A37-7	\$3.92
Packing	A44-86	\$16.98
Nozzle	A47-719	\$87.30
Nozzle	A47-728	\$155.74
Washer	A78-5	\$1.79
Washer	A78-121	\$6.25

Washer	A78-356	\$2.36
Washer	A78-357	\$2.56
Washer	A78-371	\$4.21
Plug	A80-151	\$52.49
Cotter Key	A82-14	\$3.48
Pipe Plug	A99-8	\$27.00
Tube Assembly	A229-560	\$145.99
Tube Assembly	A229-569	\$122.94
Tube Assembly	A229-579	\$84.96
Tube Assembly	A229-587	\$151.70
Tube Assembly	A229-588	\$122.94
Valve	A242-505	\$216.12
Valve	A242-508	\$232.52
Valve	A242-520	\$200.59
Valve	A242-528	\$191.30
Valve	A242-537	\$69.51
Long Lock Kit	A666-652	\$234.37

Marvel Repair Kits



A286-815
(not all included parts are shown)

Carburetor Part #	Kit #	Price
A10-3168	A286-815	\$489.22
A10-3859	A286-939	\$773.30
A10-3565-1	A286-1630	\$728.48
A10-3729	A286-1070	\$539.02
A10-3634	A286-1190	\$737.92
A10-4495	A286-1428	\$934.80
A10-4240	A286-1428	\$934.80

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WE ACCEPT



Continental Engine Parts

Find hundreds of parts for Continental engines on our website.

Description	Part #	Price
Washer.....	20522	\$0.04
Screw.....	21007	\$0.46
Small Intake Hose.....	21185	\$7.06
Cylinder Base Seal.....	21477	\$1.36
Exhaust Nut.....	22022	\$2.11
Large Intake Hose.....	SA22800	\$7.14
Engine Mount Bushing.....	23411	\$184.55
Tapered Crankshaft Seal.....	24321	\$96.76
Flanged Crankshaft Seal.....	530019	\$82.10
Valve Cover Gasket.....	532451	\$5.82
Gasket.....	533355	\$6.31
Seal.....	538556	\$5.08
Connector Pushrod Housing.....	539840	\$9.85
Pin.....	639292	\$0.52
Oil Seal.....	642714	\$22.85
Nut.....	646605	\$3.20
Pushrod Housing Gasket.....	649952	\$5.24
Carburetor to Air Box Gasket.....	649974	\$4.11
Intake Gasket.....	649975	\$2.95
Intake Gasket.....	649976	\$1.42
Carburetor to Intake Gasket.....	652105	\$2.50
Gasket.....	652142	\$8.23
Oil Sump Gasket.....	652248	\$5.89
Rocker Cover Gasket.....	655706	\$8.54
Clamp.....	536388-1.25	\$3.48
Screw.....	649353-.50	\$1.98
Screw.....	649353-.62	\$0.66
Oil Screen.....	A3568	\$140.00
Gasket Oil Screen Housing Plug.....	MS35769-11	\$1.26
Gasket Oil Screen.....	MS35769-48	\$1.10
Valve Cover Gasket.....	RG-632310	\$5.39
Valve Cover Gasket.....	RG-532451	\$12.08
Engine Mount Washer.....	U21530A	\$8.65
Propeller Hub Flange.....	U3991	\$186.93

Carburetor Air Boxes for 4-Cylinder Continental Engines

FAA-PMA
APPROVED

- Applicability: C75-8, C75-8F, C75-12, C75-12F, C85-8, C85-8F, C85-12, C85-12F, C90-8F, C90-12F engines

UA50256.....\$989.69

- Applicability: A65-1, A65-3, A65-6, A65-7, A65-8, A65-8F, A65-9, A65-9F, A65-12, A65-12F, A65-14, A65-14F engines

UA50495.....\$825.08



Continental Carburetor Air Box Support Assembly

Support Assembly.....UA35917.....\$132.97



Mounting Components for C-90-14F and O-200



1) Washer.....	8 required*	530741	\$7.97
2) Bushing.....	8 required*	530740	\$53.32
3) Seat.....	8 required*	530626	\$27.72
4) Spacer.....	4 required*	653695	\$34.37
5) Hose.....	4 required*	628555-16	\$14.14

*Priced and sold individually

Continental Valve Cover Gasket

- Applicability: Continental A-65, A-75, C-85, C-90, O-200, C-145, O-300 engines
- Supersedes part number 3500

Reusable Silicone Gasket.....RG-530162...\$10.00



Exhaust Gaskets

- Applicability: Continental engines
- Material: Stainless steel
- 2 required per port (sold individually)

Exhaust Gaskets.....632837.....\$3.28



Blo-Proof Spiral Wound Gaskets

- V-shaped spirals wound with layers of stainless steel

For Continental engines A-65; C-85; C-90; O-200; O-300; GO-300; E-185; E-225; O-470-A, -E, -J; and IO-470-J, -K.....652459.....\$16.74

For all Continental O-470 and IO-470 series engines: TSIO-470-B; TSIO-520-B, -C; GTSIO-520-C, -D (excluding O-470-A, -E, -J and IO-470-J, -K).....SA628260.....\$11.68



Carburetor Induction Manifolds

For A-65, C-75, C-85, C-90.....U35145.....\$498.44
For O-200.....U35145-A1.....\$661.85



Continental Engine Mount Bushings

- Used on all A and C series Continental engines
- Rubber
- 8 required per installation
- Priced and sold individually

Engine Mount Bushings U22387A **\$7.22**



AC Pump Adapter Kit

**FAA-PMA
APPROVED**

Complies with AD 81-07-06 Teledyne Continental Motors, which applies to A-65, A-75, C-75, C-85, C-90, A-100, C-125, and O-200 engines equipped with AC fuel pumps, part numbers 40585, 40695 or 631391. Kit consists of the following parts: Screen #643913, Gasket #643914, and Screw #643915.

AC Pump Adapter Kit.....AF-6561 **\$189.89**

Drain Valves

Fuel Drain Valves from MDI Aerovalve, Inc.

F391 Series Fuel Drain Valves

The MDI F391 flush valve is used as original equipment by most aircraft manufacturers and has been FAA-PMA approved for replacement parts. Listed below are the part numbers of the F391 valves and the aircraft they are approved for.



- A) Drain Valve – 1/4" taper pipe fittingF391-14 **\$69.05**
For Cessna T-50, Piper PA-11, -12, -18, -20, -22 or aircraft with 1/4" taper pipe fitting.
- B) Drain Valve – 1/8" taper pipe fittingF391-18 **\$46.05**
For Maule aircraft M-5 (210 engine), M-5 (235 engine), M-5 (180 engine), M-5 (210-23 turbo-charged engine) or aircraft with 1/8" taper pipe fitting.
- C) Drain Valve – 3/8" 24 threadF391-32 **\$41.79**
For Cessna 180, 182, 185, 188, 206, 207 or aircraft with 3/8" 24 threaded fitting (Cessna part #S2106-1).
- D) Drain Valve – 7/16" 20 thread.....F391-53S **\$43.19**
For Mooney M20J (201) and M20K (231) or aircraft with 7/16" 20 threaded fitting.
- E) Drain Valve – 7/16" 20 threadF391-72 **\$41.65**
For Cessna 152, 172, 180, 185, 210 or aircraft with 7/16" 20 threaded fitting (Cessna part #S2106-2).
- F) Drain Valve – 1/2" 20 threadF391-82 **\$41.65**
For Cessna 206, 207, 210 or aircraft with 1/2" 20 threaded fitting (Cessna part #S2020-2).

G) Drain Valve – 1/8" 27 threadF391-187 **\$40.60**
For Piper Arrow or aircraft with 1/8" 27 threaded fitting.

H) Drain Valve – 1/8" 27 thread.....F391-187B **\$40.88**
For Piper Arrow or aircraft with 1/8" 27 threaded fitting.

SAF-AIR Quick Drain Valves



Models CAV-110 and CAV-110H-4

For Cessna 310 tip tanks, Mooney Mark 20 and 20A; all Ercoupe models, Bellanca, Taylorcraft Model B, Stinson 108, 108-1, 108-2, 108-3; Voyager Model 10 and 10A, Navion, Waco VK series and UPF, Sea Bee, and all aircraft with 1/8 NPT fuel outlets. Fits all standard gascolators. CAV-110H-4 comes with 1/4" hose end.

Models CAV-160 and CAV-160H-4

For Piper models J-3, J-4, PA-11, -12, -14, -15, -16, -17, -18, -20, -22, -23, -25; Apache, Champion, Aeronca, Cessna T-50 and earlier 120 and 140 models, Beechcraft AT-11 and C-18S, and all aircraft with 1/4 NPT fuel outlets. CAV-160H-4 comes with 1/4" hose end.

Models CAV-170 and CAV-170H-4

For all Cessna late 140A models, 150, 170, 170A, 170B, 172 and 175, and all aircraft with 7/16" 20 threaded fuel outlets. CAV-170H-4 comes with 1/4" hose end.

Models CAV-180 and CAV-180H-4

For Cessna 180, 182, 190, 195, 205, 210, 310, 310A, 310B, 310C, and 336, and all aircraft with 3/8" 24 threaded fuel outlets. CAV-180H-4 comes with 1/4" hose end.

Part #	Thread Size	Hose End	Price
CAV-110	1/8 NPT	none	\$22.45
CAV-110H-4 (-22479-000)	1/8 NPT	1/4"	\$35.47
CAV-160	1/4 NPT	none	\$26.92
CAV-160H-4	1/4 NPT	1/4"	\$30.66
CAV-170	7/16-20 NF-3	none	\$23.76
CAV-170H-4	7/16-20 NF-3	1/4"	\$17.43
CAV-180	3/8-24 NF-3	none	\$22.85
CAV-180H-4	3/8-24 NF-3	1/4"	\$27.72

Replacement Seals (Fuel Resistant O-Rings)

Tip (all models)	MS29513-006	\$0.66
Seat (180)	MS29513-011	\$0.74
Seat (170)	MS29513-012	\$1.50

Curtis Drain Valves

Quick opening brass drain valves for aircraft oil or fuel systems. A slight twist opens the valve. No safety wire is needed in the closed position. FAA approved for use without safety wire. Stainless steel spring holds valve in closed position. Valve has synthetic rubber seal suitable for temperatures up to 225°F.



Part #	Thread Size	Material	Slot	Price
CCA-1550	1/8 NPT	Brass	Straight	\$22.84
CCA-1600	1/4 NPT	Brass	Straight	\$23.28
CCA-1650	3/8 NPT	Brass	Straight	\$26.60
CCA-1700	1/2 NPT	Brass	Straight	\$43.42
CCA-4300	7/16-20 NF-3	Cadmium Plated	Spiral	\$41.19
CCA-4850	1/8 NPT	Cadmium Plated	Spiral	\$25.91

Flush Fuel Sampler Cup

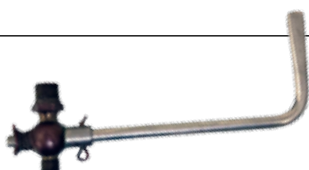
For use with F391 series flush fuel drain valves. Fuel is only released when you want it to be with the use of this fuel sampler cup, which has a large enough opening to drain fuel into the cup, not all over your arm or in your eyes on a windy day. With the F391 fuel sampler cup, checking your sumps is very simple and can usually be done in less than one minute on the average plane. You can also see water or other contaminants which are flushed from the sump.



Flush Fuel Sampler Cup F391-CUP **\$13.05**

Globe Fuel Valve

Miniature globe valve for use as stop cock or drain cock. Fits 1/8" on large end; complete with 3 3/4" handle.



Globe Valve FV2002 **\$7.12**

Franklin Engine Parts

Browse over 300 parts for Franklin engines on our website.

Description	Part #	Price
Gasket	5637	\$5.07
Magneto Shock Absorber Gear	10601	\$8.89
Carburetor Gasket	10942	\$12.60
Nut	12201	\$16.70
Lock Washer	14872	\$8.25
Crankshaft Oil Seal Kit	17036	\$98.40
Screw	18359	\$7.65
Magneto Shock Absorber Gear	19313	\$124.58
Tach Seal	19389	\$20.75

Nut	19485	\$8.75
Washer	19X14	\$1.61
Gasket	RG-17864	\$4.87
Engine Mount Bushing	U10246A	\$24.50
Propeller Bolt	U17662	\$47.12

Major Overhaul Gasket Set

150hp Gasket Set*	18045	\$869.00
165hp Gasket Set*	18570	\$759.00

* Exhaust gasket not included in kits

Gasket	10120	\$41.25
Silicone Oil Pan Gasket	RG-10366	\$42.00
Top Cover Gasket	18532	\$82.20
Silicone Top Cover Gasket	RG-18532	\$49.75

Bushing Kits

• Priced and sold individually

Crankshaft Bushing, Standard		
1 required for 150/165hp	19644	\$436.43
Crankshaft Bushing, .010 Undersize		
1 required for 150/165hp	19645	\$419.50
Connecting Rod Bushing, .010 Undersize		
12 required for 150/165hp	18020	\$90.00
Connecting Rod Bushing, .020 Undersize		
12 required for 150/165hp	18021	\$12.41

Gaskets Required for Top Overhaul

• Priced and sold individually



Inlet Manifold Gasket, 6 required for 150/165hp	17671	\$10.54
Valve Cover Gasket, 6 required for 150/165hp	RG-17727	\$10.00
Cylinder Seal Ring, 6 required for 150/165hp	17729	\$4.17
Magneto Gasket, 2 required for 150/165hp	5512	\$14.25
Valve Lifter Rod Tube Packing		
24 required for 150hp, 12 required for 165hp	17864	\$3.58
Valve Lifter Rod Tube Packing (Crankcase End)		
12 required for 165hp	17794	\$4.88

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Fuel Pumps

Aero Accessories

- FAA-PMA approved direct replacement



Continental Engine	Aero Accessories	TCM	A/C Type
A-65, 8, 8F	AF-40585	40585	9051/9867
C-75, 12, 12F	AF-40695	40695	9076/4036
C-85, 8, 12	AF-40585	40585	9051/9867
C-90, 8, 8F, 12, 12F	AF-40695	40695	9076/4036
C-90, 14F**	**	**	**
C-90, 16F*	AF-61391	61391	6861
O-200*	AF-61391	61391	6861
A-75	AF-40585	40585	9051/9867
A-100	AF-40585	40585	9051/9867
C-125, 2	AF-40585	40585	9051/9867
C-145, 2, 2H	AF-40585	40585	9051/9867

* Uses camshaft part number 626608 or supersedure to which part number 630403 or supersedure Gear and Eccentric has been assembled. Reference Continental Service Bulletin M-76-15.

** See aircraft and engine manual. This engine may use either AC part numbers 9867 or 9076. TCM part numbers 40585 or 40695. Aero Accessories part numbers AF-40585 or AF-40695.

Description	Part #	Price
Aero Accessories Fuel Pump, Overhaul	6861	CALL
Aero Accessories Fuel Pump, Overhaul	9051	CALL
Aero Accessories Fuel Pump, Overhaul	9076	CALL
Aero Accessories Fuel Pump, Overhaul	40585	CALL
Aero Accessories Fuel Pump, Overhaul	40695	CALL
Aero Accessories Fuel Pump, Overhaul	61391	CALL
Continental Fuel Pump Gasket	653879	\$4.20
Aero Accessories Fuel Pump, New	AF-40585	CALL
Aero Accessories Fuel Pump, New	AF-40695	CALL
Aero Accessories Fuel Pump, New	AF-61391	CALL

Fuel Tank Accessories



- 1) Gas Filler Neck and Sleeve..... 415-48033-1 **\$22.25**

These brass filler necks and sleeves are designed to be soldered to a template tank, but can be adapted to almost any tank by soldering a ring to the sleeve and riveting it to your tank.

- 2) Fuel Tank Strainer 415-48081-1 **\$30.04**

To be used in the fuel tank outlet. This strainer measures $\frac{3}{8}$ " in diameter and $1\frac{1}{8}$ " long. It has brass end fittings that measure $\frac{3}{16}$ " in outside diameter up to the collar, which has a $\frac{7}{16}$ " outside diameter.

- 3) Leather Gas Cap Gaskets 13423 **\$4.87**

This leather gas cap gasket measures $2\frac{1}{4}$ " outside diameter by $1\frac{1}{2}$ " inside diameter with a $\frac{3}{32}$ " thickness.

Fuel Valves



J-3 Fuel Valve



Fuel Valve Handle



Luscombe Fuel Valve

Kits below come with mounting hardware. Handles not included.

Description	Part #	Price
Stinson Fuel Valve Kit, For $\frac{1}{2}$ " Fuel Lines.....	108-9010076-12	\$608.29
Stinson Fuel Valve Kit, For $\frac{3}{8}$ " Fuel Lines.....	108-9010076-38	\$608.29
Cessna 120/140 Fuel Valve Handle.....	U0411716-003	\$75.81
Cessna 120/140 Fuel Valve Kit.....	U0411716-500	\$628.18
Luscombe 8 Series Fuel Valve (Valve Only)	U286094-000	\$529.89
Luscombe 8E/8F Fuel Valve Kit.....	U286094-A	\$645.52
Piper PA-18 Fuel Valve Kit	U491-947K	\$533.14
Piper PA-20/PA-22 Fuel Valve Kit	U491-947K2	\$591.49
Piper PA-18, -20, -22 Fuel Valve Handle.....	U61964-200	\$92.33
Piper J-3 Fuel Valve	U70781-000	\$220.56

Gascolators

Description	Part #	Price
Cessna Fuel Strainer	0422130	\$605.64
Piper Strainer	16206-000	\$225.23
Piper Gascolator	496-003	\$18.95
Piper Strainer	757-668	\$0.50
Stinson Fuel Tank Strainer	108-1121118	\$55.53
Ercoupe Strainer.....	415-48055	\$34.83
Ercoupe Fuel Tank Strainer	415-48081-1	\$30.04
Ercoupe Strainer Assembly.....	415-48193	\$304.40
Ercoupe Tank Strainer Assembly.....	F48108	\$144.36
Ercoupe Strainer Assembly.....	F48236	\$187.29
Piper Fuel Tank Strainer	U72091-000	\$76.36
Piper Fuel Tank Strainer	U72091-005	\$113.23

Complete Piper Gascolator

FAA-PMA
APPROVED

- Applicability: Piper J-3, PA-11, PA-12, 14, 15, 16, 17, 18, 20, 22
- Metal bowl with quick drain

Gascolator U14330-002 **\$331.37**



Gascolator for Larger 1/2" Fuel Lines

- 1/2" gascolator with metal bowl and quick drain
- Gascolator for use with 1/2" fuel lines similar to U14330-002 except with large head for 1/2" fuel system

Complete 1/2" Gascolator 1702* **\$455.08**

1/2" Gascolator Head 1700* **\$209.70**

1/2" Gascolator Screen 1701 **\$9.96**

* Requires field approval or STC call out



Miscellaneous Gascolator Parts

Stinson Valve to Strainer Tube Assembly	108-6222100-52	\$285.48
Piper Tube Hose to Strainer, Left Tank	11987-025	\$30.15
Stinson Fuel Strainer Gasket	2212A	\$5.46
Aeronca Gascolator Support	2-727	\$51.11
Ercoupe Gascolator Bracket	415-48308-001	\$51.49
Cork Gascolator Gasket, 2" OD	LAT-08	\$3.74
Piper 2 1/8" Fuel Strainer Bowl	U12764-000	\$150.74
Piper Gascolator Bail	U494-644	\$78.39
Piper Gascolator Mounting Bracket	U71991-000	\$94.36
Piper Gascolator Nut	U72302-003	\$23.52
Piper Gascolator Bail Wire	U750-268	\$47.41
Piper Gascolator Screen	U750-272	\$3.18
Piper Gascolator Bowl Seat	U750-273	\$20.84
Piper 2 1/8" Gasket	U85012-032	\$4.62
Piper 2 1/8" Gascolator Top	U87477-002	\$135.42

Gaskets

Real Gaskets Tennessee

- Made from aerospace mechanical grade AMS silicone
- 100% reusable
- Can withstand temperatures up to 400°F
- Designed to last the life of the engine

See our website for exact engine model applicability.

Franklin

Oil Pan Gasket	RG-10366	\$42.00
Valve Cover Gasket	RG-17727	\$10.00
Top Cover Gasket	RG-18532	\$49.75

REAL
GASKET CORP.



Continental

Valve Cover Gasket	RG-530162	\$10.00
Valve Cover Gasket	RG-532451	\$12.08
Valve Cover Gasket	RG-534857	\$11.78
Valve Cover Gasket	RG-632310	\$5.39
Valve Cover Gasket	RG-632459	\$5.05

Lycoming

Valve Cover Gasket	RG-67193	\$11.03
Valve Cover Gasket	RG-71450	\$13.13
Valve Cover Gasket	RG-75906	\$10.00

Lubricant

AVBLEND Lubricant

AVBLEND



- The only FAA approved pure lubricant
- Control damaging rust and corrosion in your engine
- Provide positive lubrication and prevent dry engine starts
- Keep new and rebuilt engines dimensionally correct
- Control critical engine temperatures
- Prevent unnecessary maintenance expense caused by premature wear
- Restore performance to engines with accumulated hours

12 Ounce Can, Single AVBLEND-1 **\$19.95**

12 Ounce Can, Pack of 4 AVBLEND-4 **\$74.00**

Lycoming Engine Parts

Find hundreds of parts for Lycoming engines on our website.

Oil Screen Gasket	61173	\$2.40
Gasket	71973	\$1.84
Valve Cover Gasket	06B26669	\$9.40
Stud	31C-12	\$10.00
Belt	37B19774-325	\$120.96
Connecting Rod Nut	LW12186	\$7.85
Hose	STD-1196	\$5.96
Nut	STD-1410	\$3.20
Nut	STD-1411	\$3.64
Bolt	STD-1414	\$5.16
Bolt	STD-1416	\$6.72
Washer	STD-160	\$2.40
Screw	STD-1925	\$3.80
Hose	STD-2180	\$9.10
Washer, 5/16"	STD-475	\$1.44
Washer, 1/4"	STD-8	\$2.45

Engine Mount Bushings

- 8 each required
- Priced and sold individually



Without collar

With collar

Bushing Without Collar	60883	\$39.24
Bushing With Collar.....	71032	\$16.16
Bushing Washer	STD-619	\$15.60

Blo-Proof Spiral Wound Gaskets

- These special gaskets are V-shaped spirals wound with layers of stainless steel



For Lycoming engines IO-540; IO-540-B, -E, -M, -WD; IGO-540-B; IGSO-540-B; TIO-540, -541 and TGIO-541 (65321)	LW15486	\$29.14
For all remaining Lycoming engines (75118)	77611	\$13.20

Magnetos

Always refer to the parts and service manual of the original equipment manufacturer, or to Aircraft Type Certificate Data Sheets or other FAA approved data, to determine eligibility of a part or component for use in your application.

Bendix High Tension Terminal Kit

For converting Bendix S6 series magnetos to a shielded system, you will need a High Tension Terminal Kit. Part numbers are in the chart below. Ground Terminal Kit part numbers may also be found on this chart.

6 Cylinder

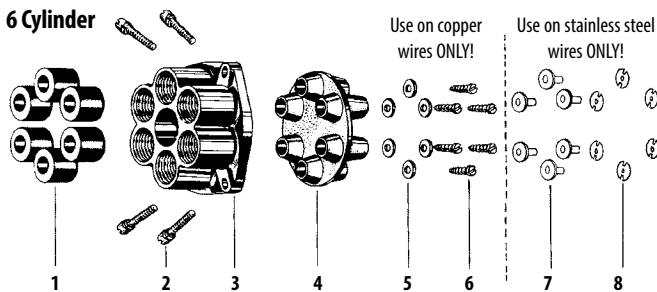


Fig # / Description	# Req'd	Part #	Price
1) Cable Protection Grommet ¹	6	10-52934	\$7.23
2) Screw and Lock Washer (Cable Outlet Plate)	4	10-35937-10	\$1.37
3) Cable Outlet Plate (Threaded Outlets)	1	10-50766	\$75.08
4) Cable Outlet Grommet	1	10-50771	\$26.72
5) Plain Washer ²	6	10-8785	\$0.96
6) High Tension Cable Screw	6	10-14215	\$2.74
7) High Tension Cable Contact Eyelet ³	6	10-163012	\$2.82
8) Washer ⁴	6	10-51677	\$9.79

¹ Used with non-shielding installations

² Used only with copper conductor cable

³ Used only with stainless steel conductor cable

⁴ Alternate method of securing stainless steel wires

Magneto Terminal Kits

Each magneto requires a **High Tension Terminal Kit** and a **Ground Terminal Kit** to complete installation.

Type	Mag Ref #	Replaces Part #	Terminal Kits	
			High Tension	Ground
S6LN-20	10-51365-31	10-51365-15	10-52936	10-52305-1
S6LN-20	10-51360-33	10-51365-25		
S6LN-20	10-51365-43	10-51365-17		
S6LN-20	10-51365-44	10-51365-29		
S6LN-20	10-51365-46	10-51365-27		
S6LN-21	10-51365-32	10-51365-20	10-52936	10-52305-1
S6LN-21	10-51365-39	10-51365-1		
S6LN-21	10-51365-42	10-51365-16		
S6LN-21	10-51365-45	10-51365-30		
S6LN-21	10-51365-47	10-51365-28		
S6RN-21	10-51365-34	10-51365-26	10-52936	10-52305-1
S6RN-21	10-51365-35	—		
S6RN-21	10-51365-40	10-51365-2, -13		
S6RN-21	10-51365-48	10-51365-7, -14		
S6RN-21	10-51365-41	10-51365-5	10-52936	10-52306
S6LN-22	10-52350-22	10-52350-14, -17	10-52936	10-52306
S6LN-23	10-52350-20	10-52350-6	10-52936	10-52306
S6RN-23	10-52350-19	10-52350-2	10-52936	10-52306
S6RN-23	10-52350-21	10-52350-8		
S6RN-23	10-52350-23	10-52350-15, -18		
S6RN-25	10-79020-8	10-79020-2, -5	10-52936	10-52305-1
S6RN-26	10-85290-2	Not Changed	10-52936	10-52305-1

High Tension Terminal Kit.....	10-52936	\$106.70
Ground Terminal Kit	10-52305-1	\$71.03
Ground Terminal Kit	10-52306	\$107.74

Inductor Magneto Synchronizers

- Powered by 9 volt battery
- Utilizes latest digital integrated circuitry
- LED lights reduce battery drain
- Compact size: 3/4" x 3" x 5", 9 ounces
- Anodized aluminum casing will not melt or break
- Models with a tweeter provide audio as well as visual indication of operation



Single Magneto Synchronizer with Tweeter	AA003	\$87.00
Dual Magneto Synchronizer with Tweeter.....	AA004	\$94.50

Toll Free Sales: 1-888-433-5433

Monday-Friday 7:30 a.m. – 4:30 p.m. MT

Manuals

Eisemann Manual

The Eisemann magnetos manual contains service and overhaul information, exploded views and parts listings.

Eisemann LA Series Magnetos Handbook and Instructions.....E-LAHB **\$22.37**



Continental Engine Manuals

Continental Owners Manuals

A and C Series, 4-cylinder, Owners Manual.....AC4WM **\$13.42**
 A and C Series, 6-cylinder, Owners Manual.....AC6WM **\$13.42**
 C Series, 6-cylinder, Owners Manual.....C6WM **\$13.42**
 O Series, 6-cylinder, Owners Manual.....CO6WM **\$13.42**

Franklin Engine Manuals

Service Parts List, 6A4-150-B3 and 6A4-145-A3.....F150PM **\$23.36**
 Service Parts List, 6A4-165-B3/B31.....F165PM **\$23.36**
 Service Manual, 6A4-150-B3/B31 and 6A4-165-B3.....FESM **\$29.82**
 Service Bulletins and Letters.....FESB **\$63.62**

Lycoming Engine Manuals

Lycoming Operators Manuals

O-320, IO-320, AIO-320 and LIO-320 Series.....60297-16 **\$23.11**
 O-360 "76" Series.....60297-25 **\$42.00**
 O-320 Series.....60297-30 **\$45.00**

Lycoming Parts Manuals

O-145 and GO-145 Instructions and Parts Manual and Magneto Section.....L145PM **\$25.35**
 O-290-D Series.....PC102-1 **\$63.00**
 Model O-340.....PC105 **\$52.50**
 O-320-B and O-320-D.....PC203-2 **\$63.00**

Oil Filters

Please refer to the **Champion Oil Filter Application Chart** for exact aircraft and engine model application. This chart can be found on our website.

Champion Oil Filter • Cessna, Mooney, Piper.....CH48103-1..... **\$57.95**
 Champion Oil Filter • Cessna, Beech, Piper.....CH48109-1..... **\$65.85**
 Champion Oil Filter • Cessna, Bellanca, Mooney, Piper.....CH48110-1..... **\$57.35**
 Champion Oil Filter • Cessna.....CH48111-1..... **\$59.48**
 Champion Oil Filter Element.....CF0100-1..... **\$35.26**

Spark Plugs

Advanced-engineered Champion aviation spark plugs are designed for the critical difference in performance, far beyond the ordinary. They stand up to high temperatures, pressures, and lead deposits, with a performance second to none.

- All spark plugs below are shielded unless otherwise noted
- An application guide listing exact engine application can be downloaded from our website
- For spark plugs not listed below, please call for price and availability

Spark Plug	Engine	Part #	Price
Unshielded, Male.....	C, L, P.....	M41E.....	\$127.81
5/8"-24, Standard Massive.....	C, F.....	REJ38.....	\$117.64
5/8"-24, Standard Massive.....	F.....	REL37B.....	\$132.35
5/8"-24, Standard Massive.....	C, L, P.....	REM37BY.....	\$61.00
5/8"-24, Standard Massive.....	C, L.....	REM38E.....	\$53.43
5/8"-24, Fine Wire.....	C, L, P.....	REM38S.....	\$211.10
5/8"-24, Standard Massive.....	C, L, P.....	REM40E.....	\$58.83
3/4"-20, Standard Massive.....	C, F, L, P.....	RHB32E.....	\$62.17
3/4"-20, Fine Wire.....	C, F, L, P.....	RHB36S.....	\$153.24
3/4"-20, Standard Massive.....	C, F, L, P.....	RHB37E.....	\$57.95
3/4"-20, Standard Massive.....	C, L.....	RHM38E.....	\$48.09
3/4"-20, Fine Wire.....	C, L, P.....	RHM38S.....	\$153.24
3/4"-20, Standard Massive.....	C, L, P.....	RHM40E.....	\$58.83

Engine Key:

C = Continental F = Franklin L = Lycoming P = Pratt & Whitney

1946 Cessna 140



Photo by sdbuckerflight • Flickr

Shielded Ignition Leads

How To Select the Correct Ignition Lead Model

To order the correct lead, select the ignition lead model from the table below based on your magneto type.

Magneto	Spark Plug $\frac{5}{8}$ x 24
Eisemann LA-4	Use model 102
Eisemann LA-6	Use model 102
Scintilla SF-4 Series	Use model 104
Scintilla SF-6 Series	Use model 104
Scintilla S4 Series with Threaded Cap	Use model 101
Scintilla S6 Series with Threaded Cap	Use model 101

Example: An engine with $\frac{5}{8}$ x 24 spark plugs and a Scintilla S6 series magneto with threaded cap uses a 101 model lead.

NOTE: Threaded high tension terminal plates must be used when upgrading from unshielded to shielded ignition leads. See page 186 for Bendix Magneto details.

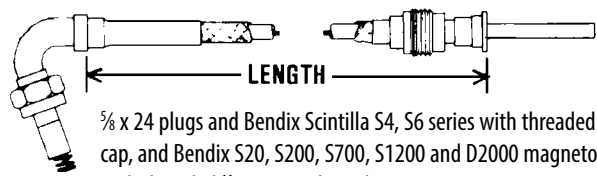
Find the Right Lead Length

If you are replacing an existing lead, measure the exact length, **ferrule-to-ferrule**, and use this as the last part of your order number. Leads are manufactured in 3" increments from 19" to 60".

Example: If you need a 101 series lead and the ferrule-to-ferrule measurement is 33" long, the Univair part number would be 101-33.



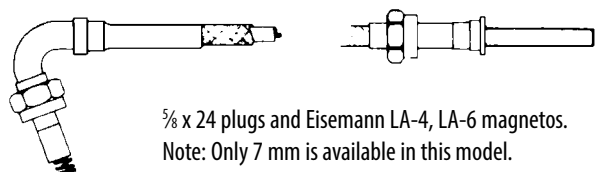
Model 101



$\frac{5}{8}$ x 24 plugs and Bendix Scintilla S4, S6 series with threaded cap, and Bendix S20, S200, S700, S1200 and D2000 magnetos with threaded $\frac{1}{4}$ x 24 male outlets.

- Elbow Design: $\frac{5}{8}$ x 24, 70°
- Terminal Design – Spark Plug End: Standard glazed ceramic $\frac{9}{16}$ insulator, silicone rubber grommet
- Terminal Design – Magneto End: $\frac{1}{4}$ x 24 male thread square head nut
- Wire Size and Type: 7 mm shielded
- Availability (in 3" increments): 101-15 through 101-72

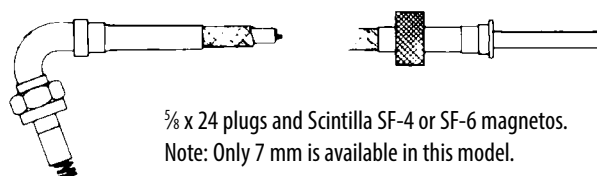
Model 102



$\frac{5}{8}$ x 24 plugs and Eisemann LA-4, LA-6 magnetos.
Note: Only 7 mm is available in this model.

- Elbow Design: $\frac{5}{8}$ x 24, 70°
- Terminal Design – Spark Plug End: Standard glazed ceramic $\frac{9}{16}$ insulator, silicone rubber grommet
- Terminal Design – Magneto End: $\frac{1}{4}$ x 24 female thread hex head nut
- Wire Size and Type: 7 mm shielded
- Availability (in 3" increments): 102-21 through 102-69

Model 104



$\frac{5}{8}$ x 24 plugs and Scintilla SF-4 or SF-6 magnetos.
Note: Only 7 mm is available in this model.

- Elbow Design: $\frac{5}{8}$ x 24, 70°
- Terminal Design – Spark Plug End: Standard glazed ceramic $\frac{9}{16}$ insulator, silicone rubber grommet
- Terminal Design – Magneto End: $\frac{3}{4}$ x 18 female thread knurled round nut
- Wire Size and Type: 7 mm shielded
- Availability (in 3" increments): 104-21 through 104-54, 104-60 through 104-69

Routing Charts

To determine your requirement:

- Check your spark plug
- Check your magneto
- Check the chart under your engine model

All the information to assist you in determining your need is given in the charts below and the preceding page.

The length of the lead is shown in the chart under your specific engine. Length is measured **ferrule-to-ferrule**, with length designated after the dash in the part number. Example: Part number 101-42 is a 42" lead. Make selection of as many leads as your engine requires.

Price chart on page 192

Continental Engines

Engine Model A50, A65, A75, A80

Bendix S4RN-20, S4RN-21 • Plug Nut 5/8 x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1	1R	101-24	102-24	104-24
T2	3L	101-36	102-36	104-36
T3	2R	101-30	102-30	104-30
T4	4L	101-33	102-33	104-33
B1	1L	101-36	102-36	104-36
B2	3R	101-24	102-24	104-24
B3	2L	101-27	102-27	104-27
B4	4R	101-33	102-33	104-33
Lead Set		101-105	102-105	104-105

Engine Model CF75-12, -12F, -12FJ, C85-12F, -12FJ, C90-12, O200A

Bendix S4LN-21 • Plug Nut 5/8 x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1	1R	101-39	102-39	104-39
T2	3R	101-42	102-42	104-42
T3	2R	101-42	102-42	104-42
T4	4R	101-42	102-42	104-42
B1	1L	101-39	102-39	104-39
B2	3L	101-39	102-39	104-39
B3	2L	101-42	102-42	104-42
B4	4L	101-42	102-42	104-42
Lead Set		101-106	102-106	104-106

Engine Model C85-8, -8F, C90-8F, -8FJ

Bendix S4LN-21 • Plug Nut 5/8 x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1	1R	101-39	102-39	104-39
T2	3R	101-42	102-42	104-42
T3	2R	101-42	102-42	104-42
T4	4R	101-42	102-42	104-42
B1	1L	101-36	102-36	104-36
B2	3L	101-36	102-36	104-36
B3	2L	101-42	102-42	104-42
B4	4L	101-39	102-39	104-39
Lead Set		101-107	102-107	104-107

Engine Model C125, C145, O300

Bendix S6LN-21 • Plug Nut 5/8 x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1	1R	101-33	102-33	104-33
T2	4R	101-36	102-36	104-36
T3	3R	101-42	102-42	104-42
T4	6R	101-48	102-48	104-48
T5	5R	101-42	102-42	104-42
T6	2R	101-48	102-48	104-48
B1	1L	101-39	102-39	104-39
B2	4L	101-36	102-36	104-36
B3	3L	101-45	102-45	104-45
B4	6L	101-42	102-42	104-42
B5	5L	101-51	102-51	104-51
B6	2L	101-48	102-48	104-48
Lead Set		101-108	102-108	104-108

Engine Model G0-300A

Bendix S6RN-21 • Plug Nut 5/8 x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1	1R	101-36	102-36	104-36
T2	4R	101-39	102-39	104-39
T3	5R	101-39	102-39	104-39
T4	2R	101-51	102-51	104-51
T5	3R	101-45	102-45	104-45
T6	6R	101-54	102-54	104-54
B1	1L	101-36	102-36	104-36
B2	4L	101-33	102-33	104-33
B3	5L	101-48	102-48	104-48
B4	2L	101-42	102-42	104-42
B5	3L	101-51	102-51	104-51
B6	6L	101-48	102-48	104-48
Lead Set		101-109	102-109	104-109

Engine Model E165, E185, E225

Bendix S6LN-21 • Plug Nut 5/8 x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1	1R	101-36	102-36	104-36
T2	4R	101-42	102-42	104-42
T3	3R	101-45	102-45	104-45
T4	6R	101-51	102-51	104-51
T5	5R	101-48	102-48	104-48
T6	2R	101-48	102-48	104-48
B1	1L	101-36	102-36	104-36
B2	4L	101-33	102-33	104-33
B3	3L	101-45	102-45	104-45
B4	6L	101-45	102-45	104-45
B5	5L	101-51	102-51	104-51
B6	2L	101-45	102-45	104-45
Lead Set		101-110	102-110	104-110

Chart Symbol Definitions

Cylinder column: T = Top, B = Bottom

Magneto column: L = Left, R = Right

Prices on page 192

Engine Model E165, E185, E225 Crossfire

Bendix S6LN-21 • Plug Nut 5/8 x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1.....	1R.....	101-33.....	102-33.....	104-33
T2.....	4L.....	101-42.....	102-42.....	104-42
T3.....	3R.....	101-42.....	102-42.....	104-42
T4.....	6L.....	101-45.....	102-45.....	104-45
T5.....	5R.....	101-48.....	102-48.....	104-48
T6.....	2L.....	101-48.....	102-48.....	104-48
B1.....	1L.....	101-33.....	102-33.....	104-33
B2.....	4R.....	101-36.....	102-36.....	104-36
B3.....	3L.....	101-42.....	102-42.....	104-42
B4.....	6R.....	101-48.....	102-48.....	104-48
B5.....	5L.....	101-48.....	102-48.....	104-48
B6.....	2R.....	101-48.....	102-48.....	104-48
Lead Set.....		101-111.....	102-111.....	104-111

Engine Model 0470-4, -11, -13A

Bendix S6LN-21 • Plug Nut 5/8 x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1.....	1R.....	101-33.....	102-33.....	104-33
T2.....	4L.....	101-39.....	102-39.....	104-39
T3.....	3R.....	101-42.....	102-42.....	104-42
T4.....	6L.....	101-45.....	102-45.....	104-45
T5.....	5R.....	101-48.....	102-48.....	104-48
T6.....	2L.....	101-51.....	102-51.....	104-51
B1.....	1L.....	101-42.....	102-42.....	104-42
B2.....	4R.....	101-42.....	102-42.....	104-42
B3.....	3L.....	101-48.....	102-48.....	104-48
B4.....	6R.....	101-51.....	102-51.....	104-51
B5.....	5L.....	101-54.....	102-54.....	104-54
B6.....	2R.....	101-54.....	102-54.....	104-54
Lead Set.....		101-112.....	102-112.....	104-112

Engine Model 0470B, -J, -K, -L, -M, -R, etc., IO-470 Series, IO-520 Series

Bendix S6RN-25 • Plug Nut 5/8 x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1.....	1R.....	101-18.....	102-18.....	104-18
T2.....	4L.....	101-18.....	102-18.....	104-18
T3.....	3R.....	101-18.....	102-18.....	104-18
T4.....	6L.....	101-18.....	102-18.....	104-18
T5.....	5R.....	101-21.....	102-21.....	104-21
T6.....	2L.....	101-21.....	102-21.....	104-21
B1.....	1L.....	101-36.....	102-36.....	104-36
B2.....	4R.....	101-36.....	102-36.....	104-36
B3.....	3L.....	101-36.....	102-36.....	104-36
B4.....	6R.....	101-33.....	102-33.....	104-33
B5.....	5L.....	101-39.....	102-39.....	104-39
B6.....	2R.....	101-39.....	102-39.....	104-39
Lead Set.....		101-113.....	102-113.....	104-113

Lycoming Engines

Engine Model O-235, O-290

Bendix S4LN-20, S4LN-21 • Plug Nut 5/8 x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1.....	1R.....	101-33.....	102-33.....	104-33
T2.....	3L.....	101-33.....	102-33.....	104-33
T3.....	2R.....	101-27.....	102-27.....	104-27
T4.....	4L.....	101-27.....	102-27.....	104-27
B1.....	1L.....	101-51.....	102-51.....	104-51
B2.....	3R.....	101-48.....	102-48.....	104-48
B3.....	2L.....	101-45.....	102-45.....	104-45
B4.....	4R.....	101-42.....	102-42.....	104-42
Lead Set.....		101-114.....	102-114.....	104-114

Engine Model O-320, O-340-A1A

Bendix S4LN-21 • Plug Nut 5/8 x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1.....	1R.....	101-33.....	102-33.....	104-33
T2.....	3L.....	101-33.....	102-33.....	104-33
T3.....	2R.....	101-27.....	102-27.....	104-27
T4.....	4L.....	101-24.....	102-24.....	104-24
B1.....	1L.....	101-51.....	102-51.....	104-51
B2.....	3R.....	101-48.....	102-48.....	104-48
B3.....	2L.....	101-45.....	102-45.....	104-45
B4.....	4R.....	101-42.....	102-42.....	104-42
Lead Set.....		101-115.....	102-115.....	104-115

Engine Model O-320A, -B, O-360

Bendix S4LN-20, S4LN-21 • Plug Nut 5/8 x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1.....	1R.....	101-36.....	102-36.....	104-36
T2.....	3L.....	101-36.....	102-36.....	104-36
T3.....	2R.....	101-30.....	102-30.....	104-30
T4.....	4L.....	101-30.....	102-30.....	104-30
B1.....	1L.....	101-54.....	102-54.....	104-54
B2.....	3R.....	101-51.....	102-51.....	104-51
B3.....	2L.....	101-48.....	102-48.....	104-48
B4.....	4R.....	101-45.....	102-45.....	104-45
Lead Set.....		101-116.....	102-116.....	104-116

Engine Model O-435A

Bendix S6LN-50, S6LN-51 • Plug Nut 5/8 x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1.....	1R.....	101-33.....	102-33.....	104-33
T2.....	3L.....	101-33.....	102-33.....	104-33
T3.....	2R.....	101-27.....	102-27.....	104-27
T4.....	4L.....	101-27.....	102-27.....	104-27
T5.....	4L.....	101-21.....	102-21.....	104-21
T6.....	4L.....	101-21.....	102-21.....	104-21
B1.....	1L.....	101-51.....	102-51.....	104-51
B2.....	3R.....	101-54.....	102-54.....	104-54
B3.....	2L.....	101-48.....	102-48.....	104-48
B4.....	4R.....	101-51.....	102-51.....	104-51
B5.....	4R.....	101-45.....	102-45.....	104-45
B6.....	4R.....	101-48.....	102-48.....	104-48
Lead Set.....		101-117.....	102-117.....	104-117

Chart Symbol Definitions

Cylinder column: T = Top, B = Bottom

Magneto column: L = Left, R = Right

Prices on page 192

Engine Model O-435-23

Bendix S6LN-20, S6RN-21 • Plug Nut $\frac{5}{8}$ x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1.....	1R.....	101-27.....	102-27.....	104-27
T2.....	4L.....	101-27.....	102-27.....	104-27
T3.....	5R.....	101-21.....	102-21.....	104-21
T4.....	2L.....	101-18.....	102-18.....	104-18
T5.....	3R.....	101-15.....	102-15.....	104-15
T6.....	6L.....	101-21.....	102-21.....	104-21
B1.....	1L.....	101-60.....	102-60.....	104-60
B2.....	4R.....	101-63.....	102-63.....	104-63
B3.....	5L.....	101-57.....	102-57.....	104-57
B4.....	2R.....	101-60.....	102-60.....	104-60
B5.....	3L.....	101-60.....	102-60.....	104-60
B6.....	6R.....	101-51.....	102-51.....	104-51
Lead Set.....		101-118.....	102-118.....	104-118

Engine Model O-540

Bendix S6LN-20, S6RN-21 • Plug Nut $\frac{5}{8}$ x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1.....	1R.....	101-45.....	102-45.....	104-45
T2.....	4L.....	101-45.....	102-45.....	104-45
T3.....	5R.....	101-39.....	102-39.....	104-39
T4.....	2L.....	101-39.....	102-39.....	104-39
T5.....	3R.....	101-36.....	102-36.....	104-36
T6.....	6L.....	101-30.....	102-30.....	104-30
B1.....	1L.....	101-54.....	102-54.....	104-54
B2.....	4R.....	101-54.....	102-54.....	104-54
B3.....	5L.....	101-48.....	102-48.....	104-48
B4.....	2R.....	101-45.....	102-45.....	104-45
B5.....	3L.....	101-42.....	102-42.....	104-42
B6.....	6R.....	101-42.....	102-42.....	104-42
Lead Set.....		101-119.....	102-119.....	104-119

Engine Model G0-480-C2D6, G0-480-C2

Bendix S6LN-20, S6LN-21 • Plug Nut $\frac{5}{8}$ x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1.....	1R.....	101-45.....	102-45.....	104-45
T2.....	4L.....	101-42.....	102-42.....	104-42
T3.....	5R.....	101-36.....	102-36.....	104-36
T4.....	2L.....	101-36.....	102-36.....	104-36
T5.....	3R.....	101-27.....	102-27.....	104-27
T6.....	6L.....	101-30.....	102-30.....	104-30
B1.....	1L.....	101-69.....	102-69.....	104-69
B2.....	4R.....	101-72.....	102-72.....	104-72
B3.....	5L.....	101-63.....	102-63.....	104-63
B4.....	2R.....	101-66.....	102-66.....	104-66
B5.....	3L.....	101-54.....	102-54.....	104-54
B6.....	6R.....	101-63.....	102-63.....	104-63
Lead Set.....		101-120.....	102-120.....	104-120

Engine Model G50-480-A1A-6

Bendix S6LN-20, S6LN-21 • Plug Nut $\frac{5}{8}$ x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1.....	1R.....	101-33.....	102-33.....	104-33
T2.....	4L.....	101-30.....	102-30.....	104-30
T3.....	5R.....	101-27.....	102-27.....	104-27
T4.....	2L.....	101-24.....	102-24.....	104-24
T5.....	3R.....	101-24.....	102-24.....	104-24
T6.....	6L.....	101-21.....	102-21.....	104-21
B1.....	1L.....	101-63.....	102-63.....	104-63
B2.....	4R.....	101-57.....	102-57.....	104-57
B3.....	5L.....	101-57.....	102-57.....	104-57
B4.....	2R.....	101-57.....	102-57.....	104-57
B5.....	3L.....	101-60.....	102-60.....	104-60
B6.....	6R.....	101-57.....	102-57.....	104-57
Lead Set.....		101-121.....	102-121.....	104-121

Engine Model V0-435-A1B, -A1C, -A1D, G0-480-C1B, -C1B6, G50-480-A1A, -A1A6

Bendix S6LN-20, S6RN-21 • Plug Nut $\frac{5}{8}$ x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1.....	1R.....	101-33.....	102-33.....	104-33
T2.....	4L.....	101-30.....	102-30.....	104-30
T3.....	5R.....	101-24.....	102-24.....	104-24
T4.....	2L.....	101-21.....	102-21.....	104-21
T5.....	3R.....	101-21.....	102-21.....	104-21
T6.....	6L.....	101-15.....	102-15.....	104-15
B1.....	1L.....	101-66.....	102-66.....	104-66
B2.....	4R.....	101-66.....	102-66.....	104-66
B3.....	5L.....	101-57.....	102-57.....	104-57
B4.....	2R.....	101-63.....	102-63.....	104-63
B5.....	3L.....	101-57.....	102-57.....	104-57
B6.....	6R.....	101-57.....	102-57.....	104-57
Lead Set.....		101-122.....	102-122.....	104-122

Engine Model G0-435-C2, -C2B, G0-480-F6

Bendix S6LN-50, S6LN-51 • Plug Nut $\frac{5}{8}$ x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1.....	1R.....	101-36.....	102-36.....	104-36
T2.....	4L.....	101-36.....	102-36.....	104-36
T3.....	5R.....	101-30.....	102-30.....	104-30
T4.....	2L.....	101-30.....	102-30.....	104-30
T5.....	3R.....	101-24.....	102-24.....	104-24
T6.....	6L.....	101-27.....	102-27.....	104-27
B1.....	1L.....	101-66.....	102-66.....	104-66
B2.....	4R.....	101-69.....	102-69.....	104-69
B3.....	5L.....	101-63.....	102-63.....	104-63
B4.....	2R.....	101-66.....	102-66.....	104-66
B5.....	3L.....	101-60.....	102-60.....	104-60
B6.....	6R.....	101-66.....	102-66.....	104-66
Lead Set.....		101-123.....	102-123.....	104-123

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Franklin Engines

Engine Model 6A4-150-B3, -B31

Bendix S6RN-21 • Plug Nut 5/8 x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1.....	1R.....	101-42.....	102-42.....	104-42.....
T2.....	4L.....	101-45.....	102-45.....	104-45.....
T3.....	5R.....	101-45.....	102-45.....	104-45.....
T4.....	2L.....	101-51.....	102-51.....	104-51.....
T5.....	3R.....	101-48.....	102-48.....	104-48.....
T6.....	6L.....	101-54.....	102-54.....	104-54.....
B1.....	1L.....	101-36.....	102-36.....	104-36.....
B2.....	4R.....	101-30.....	102-30.....	104-30.....
B3.....	5L.....	101-45.....	102-45.....	104-45.....
B4.....	2R.....	101-42.....	102-42.....	104-42.....
B5.....	3L.....	101-51.....	102-51.....	104-51.....
B6.....	6R.....	101-45.....	102-45.....	104-45.....
Lead Set.....		101-124.....	102-124.....	104-124.....

Engine Model 6A4-165-B3

Bendix S6RN-21 • Plug Nut 5/8 x 24

Cylinder	Magneto	101 Lead	102 Lead	104 Lead
T1.....	1R.....	101-36.....	102-36.....	104-36.....
T2.....	4L.....	101-39.....	102-39.....	104-39.....
T3.....	5R.....	101-39.....	102-39.....	104-39.....
T4.....	2L.....	101-48.....	102-48.....	104-48.....
T5.....	3R.....	101-42.....	102-42.....	104-42.....
T6.....	6L.....	101-48.....	102-48.....	104-48.....
B1.....	1L.....	101-30.....	102-30.....	104-30.....
B2.....	4R.....	101-24.....	102-24.....	104-24.....
B3.....	5L.....	101-42.....	102-42.....	104-42.....
B4.....	2R.....	101-36.....	102-36.....	104-36.....
B5.....	3L.....	101-45.....	102-45.....	104-45.....
B6.....	6R.....	101-39.....	102-39.....	104-39.....
Lead Set.....		101-125.....	102-125.....	104-125.....

Prices for Shielded Ignition Leads

101-15.....	\$69.05
101-18.....	\$69.05
101-21.....	\$69.05
101-24.....	\$95.68
101-27.....	\$116.07
101-30.....	\$116.18
101-33.....	\$92.79
101-36.....	\$96.08
101-39.....	\$103.12
101-42.....	\$106.47
101-45.....	\$116.07
101-48.....	\$103.10
101-51.....	\$120.97
101-54.....	\$108.57
101-57.....	\$69.05
101-60.....	\$73.96
101-61.....	\$73.96
101-63.....	\$73.96
101-69.....	\$73.96
101-72.....	\$95.09
101-105.....	\$527.82
101-106.....	\$527.82
101-107.....	\$588.97
101-108.....	\$751.99
101-109.....	\$784.60
101-110.....	\$784.60
101-111.....	\$784.60
101-112.....	\$784.60
101-113.....	\$784.60
101-114.....	\$527.82
101-115.....	\$527.82

101-116.....	\$527.82
101-117.....	\$784.60
101-118.....	\$784.60
101-119.....	\$784.60
101-120.....	\$731.62
101-121.....	\$580.81
101-122.....	\$662.33
101-123.....	\$588.97
101-124.....	\$784.60
101-125.....	\$784.60
102-15.....	\$87.16
102-18.....	\$105.14
102-21.....	\$84.92
102-24.....	\$116.07
102-27.....	\$118.36
102-30.....	\$116.07
102-33.....	\$95.03
102-36.....	\$94.61
102-39.....	\$106.28
102-42.....	\$106.21
102-45.....	\$70.18
102-48.....	\$70.18
102-51.....	\$93.98
102-54.....	\$70.18
102-57.....	\$70.18
102-60.....	\$70.18
102-63.....	\$70.18
102-65.....	\$70.18
102-66.....	\$70.18
102-69.....	\$71.81
102-72.....	\$70.18

102-105.....	\$527.82
102-106.....	\$527.82
102-107.....	\$527.82
102-108.....	\$813.13
102-109.....	\$813.13
102-110.....	\$813.13
102-111.....	\$813.13
102-112.....	\$813.13
102-113.....	\$813.13
102-114.....	\$527.82
102-115.....	\$527.82
102-116.....	\$527.82
102-117.....	\$813.13
102-118.....	\$813.13
102-119.....	\$813.13
102-120.....	\$813.13
102-121.....	\$813.13
102-122.....	\$813.13
102-123.....	\$813.13
102-124.....	\$813.13
102-125.....	\$813.13
104-14.....	\$69.05
104-15.....	\$69.05
104-18.....	\$69.05
104-19.....	\$69.05
104-21.....	\$89.33
104-22.....	\$69.05
104-24.....	\$105.13
104-25.....	\$89.33
104-27.....	\$105.34
104-28.....	\$89.33
104-30.....	\$120.81
104-33.....	\$108.07
104-36.....	\$118.26

104-39.....	\$118.26
104-42.....	\$85.13
104-45.....	\$69.05
104-48.....	\$69.05
104-51.....	\$106.47
104-54.....	\$92.75
104-57.....	\$69.05
104-60.....	\$69.05
104-63.....	\$71.81
104-66.....	\$69.05
104-69.....	\$69.05
104-72.....	\$104.94
104-105.....	\$527.82
104-106.....	\$527.82
104-107.....	\$527.82
104-108.....	\$784.60
104-109.....	\$784.60
104-110.....	\$784.60
104-111.....	\$784.60
104-112.....	\$713.27
104-113.....	\$713.27
104-114.....	\$527.82
104-115.....	\$527.82
104-116.....	\$485.86
104-117.....	\$784.60
104-118.....	\$784.60
104-119.....	\$784.60
104-120.....	\$813.13
104-121.....	\$784.60
104-122.....	\$784.60
104-123.....	\$731.62
104-124.....	\$784.60
104-125.....	\$784.60

Throttle Controls

A-700 Button Lock Dash Control with Solid Wire End

Provides a 10-lb locking force for light and medium service applications. Anodized aluminum knob with aluminum release button. Manufactured with .062-inch diameter stainless steel wire core in flexible metal casing. May be shortened as required.

40" Length, Black Knob	A700-10-0400	\$70.59
44" Length, Black Knob	A700-10-0440	\$75.43
48" Length, Black Knob	A700-10-0480	\$103.61
60" Length, Black Knob	A700-10-0600	\$115.99
72" Length, Black Knob	A700-10-0720	\$102.48
40" Length, Red Knob	A700-20-0400	\$150.22
60" Length, Red Knob	A700-20-0600	\$99.00
72" Length, Red Knob	A700-20-0720	\$102.48
108" Length, Red Knob	A700-20-1080	\$132.30

A-730 Push-Pull Control with Solid Wire End

Basic push-pull control and glide-free action, with solid wire end. Ideal for cabin and carburetor heat, or fresh air controls. May be cut to the specific length you require for your particular application.

60" Length, Black Knob	A730-10-0600	\$80.01
72" Length, Black Knob	A730-10-0720	\$82.11
90" Length, Black Knob	A730-10-0900	\$143.92
126" Length, Black Knob	A730-10-1260	\$108.36
144" Length, Black Knob	A730-10-1440	\$83.96
60" Length, Red Knob	A730-20-0600	\$68.99

A-740 Ratchet Control with Solid Wire End

Ratchet design provides detented positions under vibration conditions. Simple push-pull operation. The .050-inch diameter straight wire end may be shortened as required. A special coiled wire end for easy attachment is also available.

60" Length, Black Knob	A740-10-0600	\$71.17
72" Length, Black Knob	A740-10-0720	\$84.77
60" Length, Red Knob	A740-20-0600	\$71.17
72" Length, Red Knob	A740-20-0720	\$72.94

A-750 Vernier Control with 10-32 Threaded End

A-750 control has 10-32 threaded shaft for use with ball joint or AN665-21R threaded terminal. Ball-socket construction lets the threaded end swivel 8° in any direction. Measured from under panel nut to end of threaded shaft with knob pushed in.

29" Length, Black Knob	A750-10-0290	\$105.98
33" Length, Black Knob	A750-10-0330	\$100.09
44" Length, Black Knob	A750-10-0440	\$168.07
48" Length, Black Knob	A750-10-0480	\$113.21
52.75" Length, Black Knob	A750-10-0526	\$182.45
53" Length, Black Knob	A750-10-0530	\$103.98
60" Length, Black Knob	A750-10-0600	\$117.94
72" Length, Black Knob	A750-10-0720	\$105.95
132" Length, Black Knob	A750-10-1320	\$130.75
144" Length, Black Knob	A750-10-1440	\$172.76
42" Length, Red Knob	A750-20-0420	\$189.49
48" Length, Red Knob	A750-20-0480	\$113.21

53" Length, Red Knob	A750-20-0530	\$175.66
60" Length, Red Knob	A750-20-0600	\$117.94
72" Length, Red Knob	A750-20-0720	\$122.67
28.75" Length, Blue Knob	A750-30-0287	\$149.34
48" Length, Blue Knob	A750-30-0480	\$133.00
60" Length, Blue Knob	A750-30-0600	\$138.60
71" Length, Blue Knob	A750-30-0710	\$105.95
216" Length, Blue Knob	A750-30-2160	\$258.09

A-790 Vernier Control with Solid Wire End

The A-790 control has a .078-inch diameter stainless steel wire core. Both the wire core and the flexible steel casing may be shortened as required.

60" Length, Black Knob	A790-10-0600	\$121.09
72" Length, Black Knob	A790-10-0720	\$93.13
48" Length, Red Knob	A790-20-0480	\$137.13
60" Length, Red Knob	A790-20-0600	\$121.09
72" Length, Red Knob	A790-20-0720	\$147.91

A-800 Friction Lock Control with 10-32 Threaded End

A fine quality control made to exacting aircraft standards. Provides positive lock throughout selected power setting by turning the chrome collect locking nut. Unique ball-socket construction permits the 10-32 threaded end to swivel 8° in any direction.

33" Length, Black Knob	A800-10-0330	\$101.53
36" Length, Black Knob	A800-10-0360	\$125.40
37.375" Length, Black Knob	A800-10-0373	\$114.79
42" Length, Black Knob	A800-10-0420	\$110.17
44" Length, Black Knob	A800-10-0440	\$109.76
48" Length, Black Knob	A800-10-0480	\$152.46
52.6" Length, Black Knob	A800-10-0526	\$103.32
60" Length, Black Knob	A800-10-0600	\$143.22
72" Length, Black Knob	A800-10-0720	\$162.05
48" Length, Red Knob	A800-20-0480	\$93.74

A-920 Push-Pull Controls for Quadrants

Push-pull controls with flexible metal casings designed for use with throttle quadrants. Sold without knobs.

53" Length, No Knob	A920-0530	\$169.70
72" Length, No Knob	A920-0720	\$127.89
80" Length, No Knob	A920-0800	\$169.70

A-970 Vernier Control with 1/4-28 Threaded End

The A-970 control is similar to the Model A-750 but with 1/4-28 threaded end (non-swiveling). Measurement taken from under panel nut end of threaded shaft with knob pushed in.

36" Length, Black Knob	A970-10-0360	\$110.08
40" Length, Black Knob	A970-10-0400	\$203.98
48" Length, Black Knob	A970-10-0480	\$125.18
60" Length, Black Knob	A970-10-0600	\$114.03
72" Length, Black Knob	A970-10-0720	\$158.76
90" Length, Black Knob	A970-10-0900	\$111.03

