

# STARTERS – ALTERNATORS



## B & C LIGHTWEIGHT STARTERS FOR LYCOMINGS

The original lightweight Starter for Lycoming engines. Weighing only 10.2 lbs., the B&C Starter was designed to meet rigorous demands of weight sensitive aircraft designs, without sacrificing reliability or performance. Introduced over

25 years ago, this same design has provided dependable service for thousands of satisfied customers. Every B&C Starter features heavy-duty sealed ball-bearings, all metal gears, electro-mechanical pinion engagement (no Bendix drive), and an efficient series-wound motor. Cantilevered pinion gear mounting requires no forward shaft support bearing, thus eliminating cowl interference or on-going maintenance. If battery failure precedes engine starting, a positive spring retraction system insures pinion gear disengagement. Both STC/ PMA and Homebuilt versions are available in 14 volt and 28 volt configurations.

FAA-approved for any of the following series of Lycoming engines:  
 • O-235 • O-290-D • O-320 • IO-320 • AIO-320 • AEIO-320 • LIO-320  
 • O-360 • HO-360 • LO-360 • IO-360 • HIO-360 • AIO-360 • AEIO-360  
 • TIO-360 • LTIO-360 • O-540 • IO-540 • HIO-540 • AEIO-540 • TIO-540 • LTIO-540 • IO-720

### FOR CERTIFICATED AIRCRAFT APPLICATIONS

Part No.	Model No.	Pinion Gear Pitch	Teeth on Ring Gear	Battery Voltage	Price
07-06700	BC315-100-1	10/12	122	12	---
07-06705	BC315-100-2	12/14	149	12	---
07-06710	BC315-100-3	10/12	122	24	---
07-06715	BC315-100-4	12/14	149	24	---

### FOR EXPERIMENTAL AIRCRAFT APPLICATIONS

Part No.	Model No.	Pinion Gear Pitch	Teeth on Ring Gear	Battery Voltage	Price
07-06720	BCS206-122-12	10/12	122	12	---
07-06725	BCS206-149-12	12/14	149	12	---
07-06730	BCS206-122-24	10/12	122	24	---
07-06735	BCS206-149-24	12/14	149	24	---

## B & C LIGHTWEIGHT STARTERS FOR CONTINENTALS



With an innovative, patented design, the BC320 Starter for Continental engines solves all the problems that other starter designs have had—from worn-out clutches and broken pinions, to nagging oil leaks and catastrophic failure modes. Weighing only 10.3 lbs., it is also 4.3 to 5.2 lbs. lighter depending on your current starter configuration. Built for reliable service, the BC320 features a billet aluminum end bell, heavy-duty

sealed ball-bearings, all metal gears, electro-mechanical pinion engagement, and an efficient series-wound motor. Cantilevered pinion gear mounting requires no forward shaft support bearing. The BC320 is a complete starter, ready to install, and includes an installation kit to convert from an existing pull-type starter, or an existing key-type starter. Both STC/ PMA and Homebuilt versions are available. FAA-approved for the following Continental engines: • C-75 • C-85 • C-90 • O-200 • C-145-2 • IO-240 • O-300 • GO-300-A/B/C

### FOR CERTIFICATED AIRCRAFT APPLICATIONS

Part No.	Model No.	Installation Kit	Battery Voltage	Price
07-06716-1	BC320-1	Existing Key-Type (501-1)	12	---
07-06716-3	BC320-1	Existing Pull-Type (501-3)	12	---

BC320-1 Starter Only ..... P/N 07-06716

### ACCESSORIES

501-1 Installation Kit (key type) ..... P/N 07-06752  
 If you are replacing an existing key-type starter, a needle bearing will need to be removed from your engine before installing the BC320. A special tool kit is available to aid in removing this needle bearing. If you do not care to keep this kit, you may return it and be refunded \$80.00.  
 501-3 Installation Kit (pull cable) ..... P/N 07-06754



## JASCO GEAR DRIVEN ALTERNATOR KITS

The Jasco alternator is STC'd for many aircraft including the early Cessna 150, 172, and 175 series as well as Beech Model 35's with early E series Continental engines. Applicable to Continental C-90, O-200 and O-300 engines. Well-proven over many years of use in a variety of aircraft. Kit variants include alternator, voltage regulator, and over-voltage control.

Volts	Amps	Drive	Alt. P/N	Kit P/N	Price
<b>New Alternators Only</b>					
24	50	4 Stud, 6 Spline, Square Pad	7555T	07-00735	---
24	70	4 Stud, 6 Spline, Square Pad	7655T	07-00703	---
<b>Alternator Kits</b>					
12	50	4 Stud, 6 Spline, Square Pad	6555-1	6555-1	---
12	50	Round Pad, Like Delco	6560-1	07-06900	---
12	50	6 Stud, 16 Spline, Round Pad	6565-1	6565-1	---
24	50	4 Stud, 6 Spline, Square Pad	7555-1	7555-1	---
24	50	6 Stud, 16 Spline, Round Pad	7565-1	07-75651	---
24	70	4 Stud, 6 Spline, Square Pad	7655-1	07-20060	---
<b>Accessories</b>					
24		150 Ohm Resistor	17-10	07-01710	---

## PLANE POWER POWERFLEX VOLTAGE REGULATORS



### REGULATOR - R1224

14V / 28V, replaces Ford, Electrodelta, Prestolite, Interav, Wico, FVR, and more voltage regulators. (Refer to Model Eligibility for your more information and additional models). The Plane Power R1224 Voltage Regulator is a solid-state voltage regulator with over-voltage protection, field short (over current) protection, and reverse battery protection. The Plane Power R1224 Voltage Regulator also supports precision load sharing for twin applications, and an alternator inoperative lamp.

14V ..... P/N 07-01305  
 28V ..... P/N 07-20521

### REGULATOR - R1224J

Plane-Power recently earned a PMA for its R1224J voltage regulator for use in Jasco alternator conversion kits. "There are thousands of Jasco alternators currently in the field on all types of engines from legacy radials to newergeneration Continental and Lycoming engines," said Keith Bagley, president of Hartzell Engine Technologies. "Unfortunately, as those original components age, their reliability goes down and cost of ownership goes up. By offering a voltage regulator with improved technologies, we are providing Jasco STC holders with a cost-effective path to upgrade to a solid-state voltage regulator that features integrated over-voltage, field short, and reverse-polarity protection."

14V ..... P/N 07-26836  
 28V ..... P/N 07-26835



## POWERUP AERO ALTERNATOR KIT FOR CESSNA 206

Powerup B/U Alternator Kit for Cessna 206. MFR Model# KATS-15-002 ..P/N 07-25508



## POWERUP AEROSPACE DUAL ALTERNATOR KIT

The kit includes a duplicate 95 amp alternator to the original equipment, along with all the pulleys, belts, brackets and hardware for installation on the Lycoming IO-540 series engines. All system controls are panel mounted and the backup system is activated with a flip of a switch. STC Approved for Cessna 182, 182T, 182S. Alternator Kit Cessna 182/182T ..... P/N 07-01490  
 Dual Alternator Kit Cessna 182S ..... P/N 07-01804

## LS-1A VOLTAGE REGULATOR



The LS-1A Controller offers linear voltage regulation, integral over-voltage protection, and low-voltage monitoring and warning. It has been specially designed, however, to permit the use L-40 & L-60 alternators in a 28v electrical system. The LS-1A weighs approximately 9 ounces, may be mounted on the cockpit side of the firewall, and is available with an optional battery temperature sensor for colder climates. Select a location for mounting that will protect unit from heat, vibration, and water. The pilot side of the firewall, or inside the cabin near the instrument panel, is recommended. For Experimental Aircraft ONLY ..... P/N 07-06786

### ALTERNATOR & GENERATOR BELTS

CONTINENTAL ..... 539547-31.19

EP