

FALCON - FREEDOM - B & C ALTERNATORS

FORD OVERHAULED ALTERNATORS



Factory Overhauled Ford Alternators.

Model Number	Description	Part No.	Price
DOFF10300M	15V/60A	07-19042	.
DOFF10300G	28V/38A	07-19039	.
C6115050102	28V/95A	07-19028	.
D7FF10300AA	28V/95A	07-19029	.
DOFF10300A	28V/95A	07-19033	.
DOFF10300C	28V/95A	07-19035	.
DOFF10300D	28V/95A	07-19036	.

FALCON OVERHAULED ALTERNATORS



Falcon Overhauled Alternators.

Model Number	Volts/Amps	Description	Part No.	Price
ALY-6520	12V/60A	--	07-19171	.
ALY-8523	12V/60A	--	07-19177	.
ALX-6523	12V/70A	--	07-19165	.
ALX-8523	12V/70A	--	07-19167	.
ALU-9522	24V/70A	--	07-19153	.

FALCON TCM OVERHAULED GENERATORS



Falcon TCM Overhauled Starters.

Model Number	Description	Part No.	Price
646238	12V	07-19088	.

FALCON CHRYSLER ALTERNATORS



Chrysler series 12 volt alternators are available in 37, 40 and 60 amp versions. Common part numbers are 2642996, 2642997, 3656623, 3656624, and 4111810.

Model No.	Description	Part Number	Price
4111810	12V/60A B	08-10689	.

NOTE:

Core charges apply to all overhauled units.

EP

FREEDOM AVIATION STANDBY ALTERNATOR

Freedom Aviation's standby alternator system is for Cessna 182T/182T/206H/T206H aircraft. More specifically, the system is for Cessna 182 and 206 aircraft equipped with the Garmin 1000 (NAV III) avionics package.

The standby alternator system consists of four major components:

1. Standby Alternator: A BC425-1 alternator from B&C Specialty Products is mounted to the accessory drive pad on the Cessna. This pad was formerly intended for a second vacuum pump. This alternator provides a continuous source of power up to 20 amps without loading the engine anymore than a vacuum pump.

2. Alternator Controller: The BC203-2D alternator controller from B&C Specialty Products performs the automatic switch over function of the system and serves as the system's voltage regulator. The controller also is where the Standby Alternator Master switch is connected to the "STBY ALT ON" annunciator.

3. Standby Alternator Master Switch: The STBY ALT master switch is added to the pilot's checklist and should be turned on when the aircraft is started.

4. Standby Alternator Light Indicator ("STBY ALT ON"): A STBY ALT ON light turns on when the primary alternator fails, indicating the standby alternator is carrying the electrical load.

The standby alternator system activates automatically. When the alternator controller senses the primary aircraft alternator has failed, the load is shifted automatically to the standby alternator. The STBY ALT ON light turns on and indicates the standby alternator system has been activated. In the event the load on the aircraft electrical system exceeds the capabilities of the standby alternator, the "STBY ALT ON" light flashes, warning the pilot to shed electrical load.

P/N 07-27256



the capabilities of the standby alternator, the "STBY ALT ON" light flashes, warning the pilot to shed electrical load.

LR3C AND LS-1A LINEAR CONTROLLERS (REGULATORS)



P/N 07-06742

Each device combines 3 essential functions in one physical container—linear ("quiet") regulation, solid-state over-voltage protection, and low-voltage monitoring and warning. This makes possible sophisticated, space-saving, and cost-effective alternator control for homebuilt aircraft, while also improving safety of flight. The LR3C-14 may be used

with 14 volt externally regulated alternators, while the LR3C-28 may be used with OEM-type, 28 volt externally regulated alternators. The LS-1A permits the use of B&C alternators in a 28 volt electrical system. The LR3C and the LS-1A weigh approximately 9 ounces each, and are intended for circuit type "B" (one field lead grounded directly) alternator systems. LR3C-14 Regulator/Controller (14V) P/N 07-06742 B&C LS-1B Voltage Regulator - 28V P/N 07-06786

SD-8 ALTERNATOR & REGULATOR



The SD-8 is a lightweight, spline-driven 14V alternator system for aircraft with an available vacuum pump drive pad. Features an ultra-reliable, brushless design, with a billet aluminum mounting flange and sealed heavy-duty ball bearings. With a nominal output of 8 amps, the SD-8 alternator is adequate for many day-VFR applications, and may be used as a backup power source on a variety of homebuilt aircraft. The SD-8 is a long-time favorite of top aerobatic pilots around the world. Weighs 2.9 lbs. and measures 3.5" (diameter) x 4.6" (length).....P/N 07-06770