

LAMAR ELECTRICAL COMPONENTS

LAMAR MC10 MASTER ELECTRICAL CONTROL UNIT



MC10

The Lamar MC10 is a master electrical control unit developed for 14V and 24V single engine experimental aircraft. It is designed to mount on the firewall or fuselage. It houses all the major electrical components except for the battery, starter, and alternator. The MC10 provides a greater degree of protection against moisture, dust and accidental electrical shorts along with the convenience of all the primary electrical components in one location. Features low installation cost, ease of installation and simplified troubleshooting and repair with several new performance & safety features.

The MC10 embodies the following functions:

- Master (battery) (solenoid) control closing the master switch on pilot's panel connects the battery to the primary bus.
- 3 aircraft bus outputs, protected via resettable circuit breakers.
- Alternator Control; voltage regulation, overvoltage protection, field output overload protection, alternator feeder fault protection
- Starter control (solenoid)
- Low voltage warning.(L model also includes overvoltage, over-current and reverse-current annunciation)
- Battery charge/ discharge ammeter drive (current shunt)
- Clock output (always-on) protected with easily accessible external mounted fuse.
- Ground power receptacle & control (solenoid) with reverse polarity protection.

Lamar Master Control 14V Exp. P/N 11-03295 **\$1,162.00**

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Lamar #	Description	Applications	Our P/N	Price
A-00258-1	Switch, Alternator INOP	Piper, Hawker Beechcraft, Maule	07-01146	\$119.95
A-00258-2	Switch, Alternator INOP	Piper, Hawker Beechcraft, Maule, Twin Commander	07-01147	\$121.75
B-00266-2	Overvoltage Relay, 28V, Piper	Piper, Twin Commander, Agusta-Bell	07-01148	\$365.00
B-00286-1	Regulator, 28V, Parallel OP (twin)	Cessna & Piper	07-01449	\$415.00
B-00288-1	Regulator, 14V, Parallel OP (twin)	Piper, Hawker Beechcraft, True Flight Holdings	07-01150	\$420.00
B-00289-2	Overvoltage Relay, 14V	Piper, Hawker Beechcraft, Cessna, Maule, American Champion, True Flight Holdings, Varga, General Avia	07-01151	\$304.00
B-00306-3	Regulator, 28V, Parallel OP (twin)	Hawker Beechcraft	07-01153	\$507.00
B-00325-1	Timer, Pneumatic, 28V	Piper	07-01455	\$761.00
B-00331-2	Voltage Regulator, Type 1, 14V	Piper, Hawker Beechcraft, Enstrom, American Champion, True Flight Holdings, CPAC	11-04130	\$242.95
B-00341-1	Time Delay Switch	Piper	07-01158	\$687.00
B-00368-2	Alternator Control, 28V Load	---	07-01803	\$446.00
B-00371-1	Alternator Control, 14V	Piper, Maule, Robinson, Zenair, American Champion, Taylorcraft 2000, Enstrom, Brantly, Vulcanair, Socata	07-01167	\$370.00
B-00372-1	Alternator Control, Load Balancing	Hawker Beechcraft	07-01168	\$824.00
B-00375-2	Monitor Low Voltage	Piper	07-01170	\$173.85
B-00380-2	Sensor-Alt Out, 28V Pulsed	Hawker Beechcraft	07-01171	\$111.75
B-00382-1	Alternator Control, 28V Load	Piper	07-01172	\$508.00
B-00387-1	Voltage Regulator with Overvoltage Protection, 28V	Hawker Beechcraft	07-01173	\$499.00
B-00392-1	Alternator Control, 14V, Piper	Piper	07-01174	\$654.00
B-00403-1	Voltage Regulator with Overvoltage Protection, 14V	Hawker Beechcraft, Mooney	07-01176	\$872.00

EP



LAMAR SOLENOIDS

Aviation grade, non FAA-PMA approved, solenoid for continuous duty 12 volt applications. Fits current GA production aircraft as well as legacy aircraft. Replaces both single terminal switched units, as well as the current double terminal switched units in production today. All units have multiple quality and functional tests prior to certification and delivery.

Description	Part Number	Price
X61-0028 12V Continuous	07-01875	\$69.85
X61-0029 24V Continuous	07-01876	\$69.85
X61-0030 12V Intermittent	07-01877	\$108.75
X61-0031 24V Intermittent	07-01878	\$108.75