

# SAFETY LOCK

Anti-theft device



MODEL #091-148-XX

**LOW COST.**

**IGNITION KEY MAY BE REMOVED WITHOUT SHUTTING DOWN THE ENGINE.**

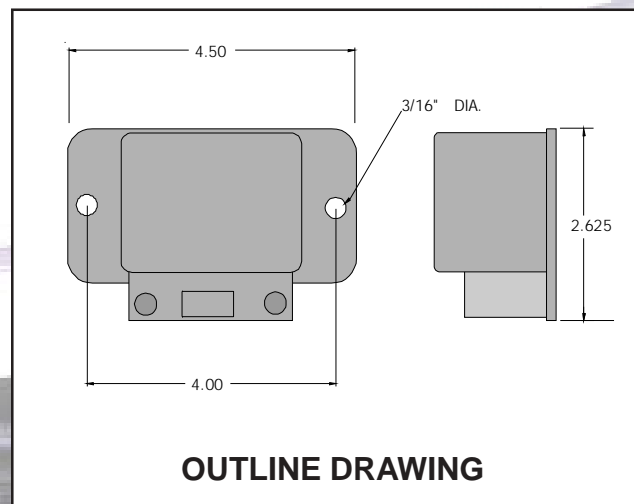
**ENGINE STOPS AND CAN NOT BE RESTARTED IF AN ATTEMPT IS MADE TO DRIVE AWAY.**

**COMPACT SIZE.**

**SIMPLE INSTALLATION.**

This simple, low cost controller bypasses the ignition switch to allow the engine to run when the key is removed. This permits the driver to continue to run the engine and have the alternator maintain the battery while he is away from the vehicle.

The Safety Lock is interlocked with the neutral safety switch and a parking brake operated switch so that if unauthorized operation of the vehicle is attempted, the ignition bypass is opened and the engine stops. Starting and operation of the engine will then require the key as normal.



OUTLINE DRAWING

## ORDERING INFORMATION

Model #	Description	Input Volts	# of Relays	Relay Contacts	Weight	Enclosure
091-148-12	Automatic Safety Lock	12 volts DC	1	N.O. 30 Amps	4 ounces	unsealed
091-148-24	Automatic Safety Lock	24 volts DC	1	N.O. 30 Amps	4 ounces	unsealed
091-155-12	Automatic Safety Lock 3	12 volts DC	3	N.O. 30 Amps	16 ounces	unsealed

# LOAD MANAGER P

Load Manager with Timer



MODEL #091-141

**LOW VOLTAGE DISCONNECT.**

**PREVENTS INADVERTENT BATTERY DISCHARGE.**

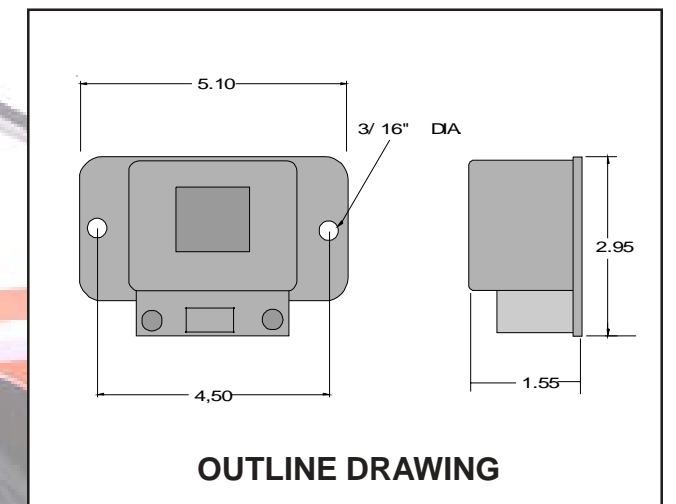
**ENGINE START SHUTDOWN PROTECTED.**

**EASILY INSTALLED.**

**30 AMP RELAY OUTPUT.**

This precision low voltage disconnect is designed to protect the vehicle's battery from complete discharge. If a radio or computer is operated with the engine stopped the battery's charge is drained. Before the battery reaches a point at which the engine might not start, the loads are disconnected. In addition to the voltage sensing, a timer is provided to limit the time that the computer or radio may be operated without the engine running to 1 to 2 hours.

An over-ride input from the starter prevents de-energizing the load due to low voltage that may occur during engine "cranking".



OUTLINE DRAWING

## ORDERING INFORMATION

**Part Number : 091-141**

**Input:** Volts 12

**Current:** .090 amps, relay ON/.009 amps. Relay OFF

**Output:** Relay contacts, 30 amp.

**Load Shed Voltage:** 11 to 12.85 volts (factory set to 11volts)

**Load Shed Time:** 1 to 2 hours, (factory set to 1 hour)

**Starter Inhibit:** Load will not be shed due to Low Voltage while the Engine is Being "cranked" (eliminates rebooting computer)

**Weight:** 0.5 lbs.