

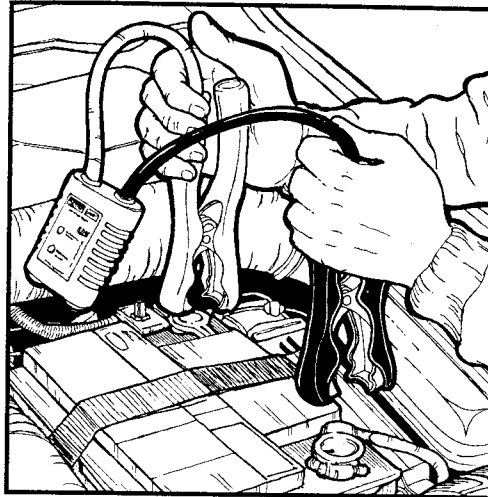
## PROSAF/12

### WHY USE THE PROSAF SURGE PROTECTOR?

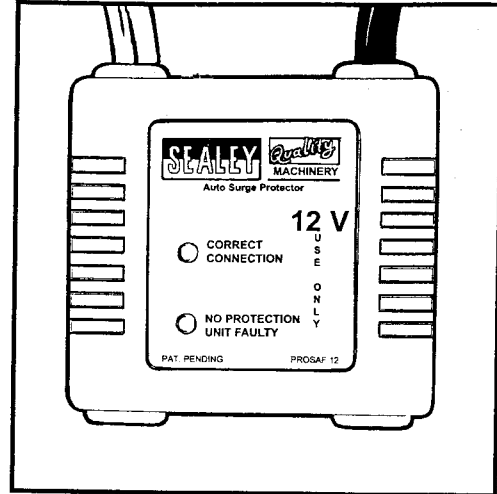
Modern vehicles are crammed with sophisticated electronics such as car phones, CD players, radios, alarms, digital dash-boards, fuel tank senders, ECU's and vital air-bag and seatbelt pre-tensioner circuitry. All these devices can be damaged or degraded by transient voltage surges and spikes.

### HOW DOES THE DAMAGE OCCUR?

Any time you make or break a circuit while working on a vehicle, there is the potential to create a transient spike or surge. Other common causes include electronic welding and cutting processes, in particular plasma cutting where a pilot arc is created using HF energy. It is also possible to damage and degrade components by jump starting the vehicle.



1. RED + POSITIVE  
BLACK - NEGATIVE



2. GREEN LED confirms good electrical connection.
3. If RED LED illuminates, return unit to dealer for service.

### WHAT ADVANTAGES ARE THERE TO USING PROSAF?

Workshops and Bodyshops will often disconnect the battery in the belief that this will protect the vehicle's components. In fact, the battery acts as a sponge in the circuit and does itself provide some protection against voltage surges. Disconnecting the battery on modern vehicles can cause many other problems, least of which is the need to re-program codes for the radio, clock and security systems which is time consuming and sometimes impossible to complete without the correct codes.

PROSAF is the only product to guarantee protection against damage to electronics by transient spikes and surges and has been independently tested by an Australian University to provide total protection.


### FITTING INSTRUCTIONS:

1. Before carrying out any work on the vehicle, connect the PROSAF across the battery terminals.  
RED + POSITIVE      BLACK - NEGATIVE
2. GREEN LED confirms good electrical connection.
3. If RED LED illuminates, return unit to dealer for service.

### IMPORTANT

1. Do not connect a 12Volt PROSAF to a 24Volt circuit. This will cause irreparable damage to the device.
2. The PROSAF is not intended as a replacement for a wrist grounding strap when working directly on PCB's or electronic components.
3. A 12Volt PROSAF connected across a 6Volt System or a 24Volt PROSAF connected across a 12Volt system will not provide protection against surges or spikes. Always use a corresponding PROSAF/Circuit rating.

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Sealey Group  
100 High Street  
St Edmunds  
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01284 757500  
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Size	Depth
323 x 223mm	60mm
PLEASE  RECYCLE	
Weight	Studio
0.42kg	011999

**NOT  
SUITABLE  
FOR  
24 VOLT  
SYSTEMS**

