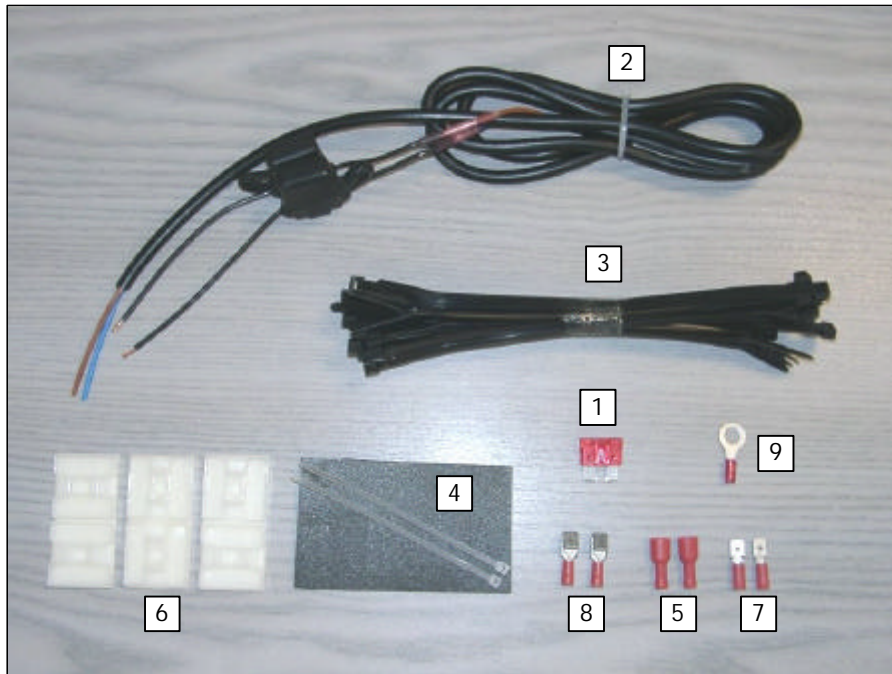




"Wizard HC" Power Supply Kit (12-24v Negative Earth Vehicles)
 Kit d'alimentation du "Wizard HC" (Vehicule avec 12-24v Masse Negative)
 Stromversorgung "Wizard HC" (Fahrzeuge mit 12-24v Negativer Masse)

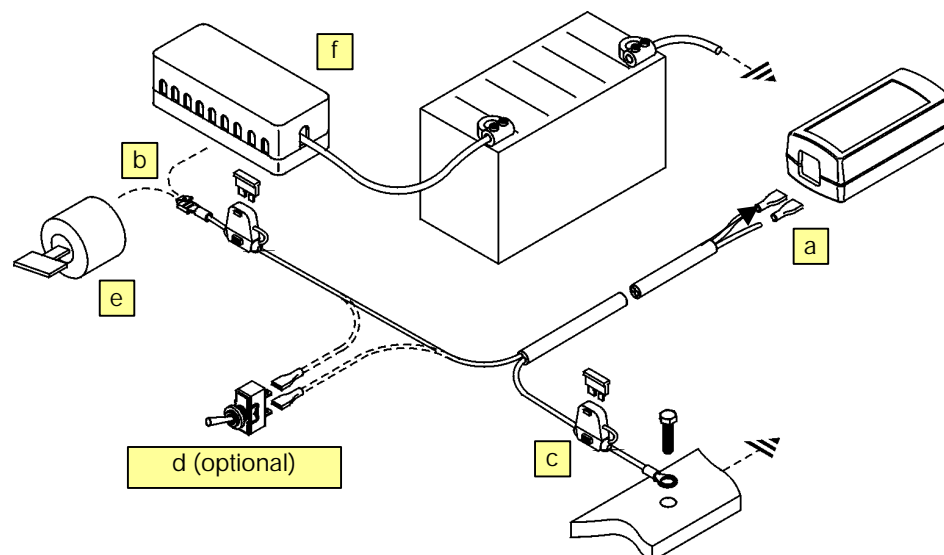
This kit is supplied for high current ("HC") variants of Wizard instruments, with a maximum current draw of 10 amps. Wizard instruments operate satisfactorily over the voltage range 10 - 30V DC, therefore no voltage dropper is normally required for 12V systems.



Item	Part Number	Description	Qty
1	S/H663-015	10 Amp Blade Fuse	1
2	S/CB/327-1-096	HC Power Lead	1
3	S/CBL/TIE/001	8" Cable Tie	25
4	S/F724-001	4" Cable Tie	2
5	S/FIXING/079	1/4" Female Crimp Terminal	2
6	S/FX/199-2-129	Self-Adhesive Cable Tie Base	6
7	S/T609-001	1/4" Male Crimp Terminal	2
8	S/T609-003	1/4" Piggyback crimp Terminal	2
9	S/CN/500-11-030	6mm Ring Terminal	1

Connections

Figure/Abb. 1





Ref. figure 1,

- (a) Connect the blue (0V) and brown (+V) wires onto the spade connectors of the junction box

NOTE: (do not connect the power supply to any of the screw terminals on the PCB),

- (b) Route the power lead back to a switched, fused point, e.g. from the back of the ignition switch (e) or from the fuse box (f).
- (c) Connect the 0V ring terminal to the bodywork/chassis. Ensure connection onto bare metal and that the connection point gives a good grounding path to the battery.
- (d) The head unit does not have an integral On-Off switch, and is normally powered on via the ignition circuit. However, a toggle switch (Part No: S/AC/199-2-134 :- not supplied) can be wired in-line with the +v supply. If required, panel-mount the toggle switch at a suitable point (1/2" dia drill required) and connect into the +V (brown) wire of the supply lead. If necessary, use a suitable length of the same gauge wire.

Reverse Polarity and Power LED ("Terminator" only)

If you inadvertently have the power supply connections reversed, nothing will work. The head unit has reverse polarity protection and will not be damaged. The LED on the Terminator PCB will not light if the 0V and +V connections are reversed. If the instrument does not power up when you switch the ignition on, then:

- (i) check you have connected to a suitable point on the vehicle electrical system as described above.
- (ii) If (i) is OK but the LED is not lit, check the polarity is correct.
- (iii) If the LED is lit but the head unit does not come on, check that the 18-way connector is properly connected.

Once all is OK, clip the lid on the Terminator. To remove the lid, squeeze the sides of the base inward to release the clips.
