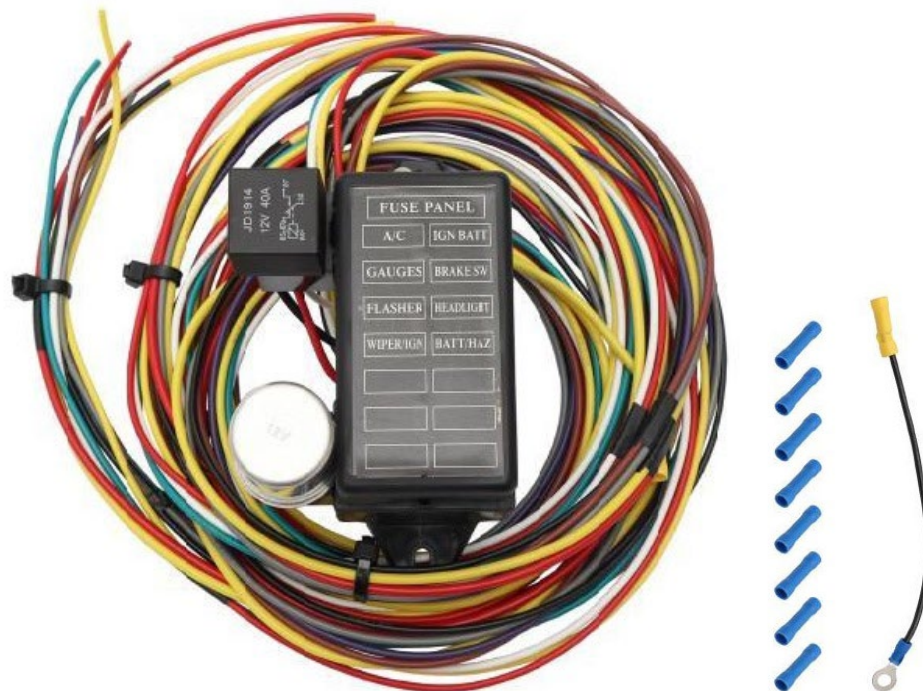


Document No:RS0691

## Information Sheet WK0001 Universal Wiring Harness Kit 8 Circuit

**CAUTION:** Before any work is carried out on the vehicle, make sure battery is disconnected. It is recommended that the installation of this harness is done by an Auto Electrician or qualified trade technician. It is advised to read the instructions fully before installing.



### Installation tips:

Spread out harness so that you can group wires for the front and rear of the vehicle.

Place fuse box in an accessible position. (Preferably on the driver's side of the vehicle).

When mounting fuse box, find a flat surface away from moving components like pedals and steering components.

Where the wiring is routed through the firewall, make sure grommets are used to protect the wiring from sharp edges. It is also recommended to keep wiring away from engine components and exhaust.

It is recommended that all connections are crimped or soldered to ensure that there are no high resistance joins. Make sure all connections are well insulated with tape or heat shrink.

This wiring harness has 8 circuits and is broken up into 2 main circuits. There are constant powered circuits and switched powered circuits via the ignition switch. When looking at the fuse box, the left side is ignition switched accessories and right side is constant power circuits.



IGN BATT	Fuse supplies the accessories relay. This relay can be used for controlling components such as electric fuel pump/ thermatic fans etc.
BRAKESW	Fuse supplies the brake light circuit.
HEADLIGHT	Fuse supplies the headlight switch and tail light circuit.
BATT/HAZ	Fuse supplies hazard switch or any other constant 12V+ accessory.
A/C	Fuse supplies heater fan and air conditioning system.
GAUGES	Fuse supplies the gauges.
FLASHER	Fuse supplies the flasher unit with power. The flasher unit then wires to the indicator switch.
WIPER/IGN	Fuse supplies the wiper motor and washers.

All wiring has been printed with the circuit name to assist in identifying the correct wire.



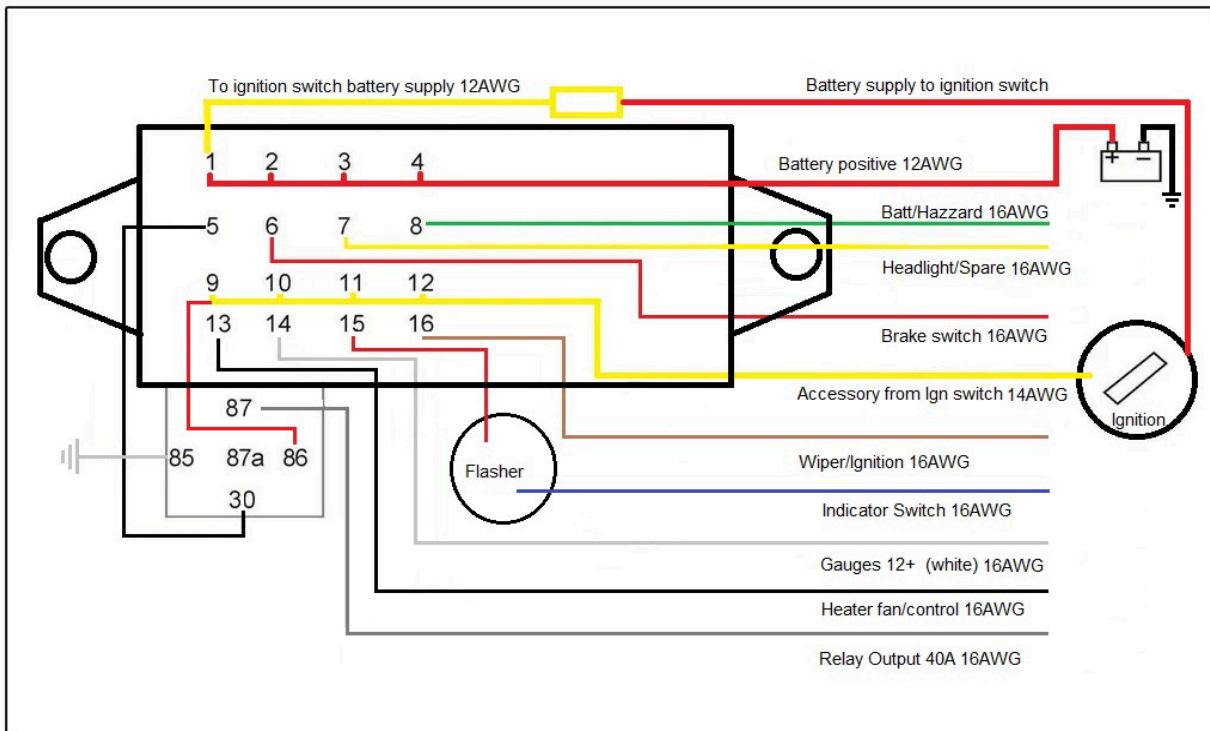
Wire Size	Wire OD
12 AWG	4.4mm
14 AWG	3.7mm
16 AWG	2.9mm

85	Earth
86	Switched power through ignition switch
87	Relay output Grey wire
30	Battery Power fuse protected



This kit contains crimp terminals to connect your wiring in the vehicle. It is recommended these terminals are crimped with the correct crimping tool. Convoluted tubing is also supplied to make sure the wiring is protected when installed.

Red Wire	12AWG	(Battery In) connect this to the battery. This is the supply to the main power to the fuse box.	Fuse Size
Yellow Wire	12AWG	(Supply) This connects to the power in on the ignition switch.	
Green Wire	16AWG	(Haz-Spare) +12v to Hazard or Spare circuit.	5 Amp
Yellow Wire	16AWG	(Headlight) Power to headlight switch or +12v Spare Circuit.	10 Amp
Red Wire	16AWG	(Brake Switch) +12v to Brake Light switch.	15 Amp
Brown Wire	16AWG	(Wiper) +12v to Wiper Unit.	20 Amp
Purple Wire	16AWG	(Signal) +12v to Indicator Switch.	15 Amp
White Wire	16AWG	(Gauges) +12v to Gauges.	15 Amp
Black Wire	16AWG	(Heater) +12v to Heater Fan/Air Conditioner 20 Amp.	20 Amp
Grey Wire	16AWG	(Relay Output)	20 Amp
White Wire	16AWG	with Eyelet terminal to Chassis Earth.	
Yellow Wire	14AWG	Acc Supply from Ignition Switch to Fuse Box	



Once all the circuits are connected, reconnect battery and test circuits.

Do a final check of the wiring. Make sure the wiring is not against any sharp edges and is tied up out of the way of moving parts.

