



30 November to 3 December

NOTICE FOR ALL CREWS

WIRING CARS FOR RALLYSAFE



RallySafe Unit

Suction Mount to Windscreen

Mounting Bracket

External Aerial/Antenna

The RallySafe Kit

The RallySafe kit (as above) will be supplied and fitted to the car at pre-event scrutiny on Wednesday 29 November. The RallySafe unit is fixed to the windscreen of the vehicle, using a mounting bracket on a suction cup supplied in the kit at scrutineering.

The external aerial/antenna has an adhesive pad on the underside which is used to affix (with race tape) the unit to the exterior of the vehicle to ensure good signal strength. Three wires from the aerial/antenna are then attached to the RallySafe unit. Two are right hand thread and the other a left hand thread, the wire terminals and unit terminals are also identified by matching colours so they cannot be connected incorrectly.

Power Wiring Loom

However, competitors are requested to fit a power wiring loom (see below re fitting before the event) prior to scrutiny in the interest of saving time on the day. **The RallySafe loom needs to be fitted to the car prior to the event and will be forwarded by mail at the close of entries (20 November). Competitors are requested to fit the loom to the vehicle prior to event scrutiny.**

The RallySafe unit needs to run full time power, not switched power.

RallySafe requires a continual reliable power supply from 9 to 28 volts DC. For your safety and continuity of service, it is imperative that the unit is connected to an un-switched supply on the battery's positive terminal or the battery's positive side of the isolation switch. ***Ensure that power is supplied to the unit at all times. Do not use an ignition switched power supply.***



We recommend a 5 amp (maximum) blade type or similar quality fuse be used at the battery supply end of the RallySafe power lead.

Zero volts or battery negative can be picked up at any suitable earthing point providing the isolation switch does not switch the negative side of the battery.

The RallySafe unit has an internal battery that is kept charged via the car's power supply. It acts as a reserve supply to power the unit in the case of an accident where a car's power supply is interrupted (ie: if the car battery is smashed or dislodged). As the RallySafe unit is aware of movement and location, it will automatically go into power save/sleep mode after 5 minutes of no movement detected. However, the unit will continue to function when sending safety signals. The unit can be "woken" by pressing any button or by movement of the car. In the yellow power loom that is mailed to you, there are 5 wires. ***White blue and grey must be stagger cut and heat shrinked or taped back so they can't short to ground or to each other.***

See over page

NOTE:

To power the unit, it may be achieved in one of three ways:

	1. Using the RallySafe supplied yellow RallySafe cable, fused and connected as per instructions supplied with the cable to 9 - 28 volt direct power, leaving 300mm near where the RallySafe display unit will be mounted at scrutineering.
	2. Fitting your own fused twin wire loom with Female Insulated spade ends. The fitted loom is to be long enough to reach the RallySafe unit.
	3. This is for modern vehicles from 2001 and fitted with an OBD2 port (Some manufacturers did not have them until 2005.). Using the RallySafe cable (supplied), one end will be inserted into the OBD2 port of the vehicle and the other end, direct into the RallySafe unit. (Please advise if your car has OBD2 connectivity ASAP to ensure we supply the correct loom - contact Clekr of Course at kemdot@iprimus.com.au).

WARNING: If your vehicle is fitted with S.A.S. (Air Bags), ensure that RallySafe unit will not interfere with the operation of the S.A.S. if it is deployed.

Note that RallySafe requires a constant power source of 12 Volts, it is the competitor's responsibility to have a 12 volt power source. This could be provided by a 12 volt battery or a portable 12 volt power pack that can be recharged every night