



POWER PROTECTORS

Wiring and Fitting Instructions (AVPP12VR and AVPP24VR):

1. Install Power Protector as per the wiring diagram & instructions.
2. To engage the system, push the symbol side of the 2 way switch. This will illuminate the switch symbol to show that the system is working.
3. When the voltage in the vehicle battery drops to a predetermined level (12v = 12.0v, 24v = 24.0v) the power protector will send out a warning (buzzer or talker alarm).
4. If the Power Protector is not utilising either of the inhibit features it will disconnect all circuits passed through it after approximately 1 minute from the warning.
5. If the positive inhibit is being used through the vehicle ignition switch the Power Protector will not disconnect any of the circuits passed through it should the ignition be on. Instead the Power Protector will warn the driver repeatedly until the driver rectifies the problem. If the ignition switch is not in any of the on positions, the Power Protector will disconnect after approximately 1 minute from the warning.
6. If the negative inhibit is being used through the vehicle oil pressure switch, the Power Protector will not disconnect any of the circuits passed through it should the vehicle engine be running. Instead the Power Protector will warn the driver repeatedly until the driver rectifies the problem. If the engine is not running, the Power Protector will disconnect after approximately 1 minute from the warning.
7. **NOTE: You can only use either the positive or the negative inhibit – not both. To avoid confusion when fitting, remove / snip off the unused inhibit wire(s).**
8. To manually disconnect the circuits passed through the Power Protector click the non symbol side of the switch (switch symbol will not be illuminated).
9. If you do not want a manual disconnect function, do not connect the green wire to terminal 8 on the switch.
10. Should there be a drain on the vehicle battery and the Power Protector has disconnected all circuits passed through itself, to reconnect the system click the symbol side of the switch (switch symbol will be illuminated).

Connect all positive auxiliary circuits (except main cranking circuit) through the power protector. The black lead must be connected to a good earth or the negative battery terminal. Should any circuit be required constantly then the power protector can be bypassed by taking a feed from the auxiliary (in) terminal to the relevant terminal on the fuse box.

Exterior fitment – If you wish to mount the unit on the exterior of a vehicle you will need to fit suitable rubber boots (not included with the kit) on the metal studs as well as greasing around the stud to cover the visible bare metal.

