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# GOODWINCH LIMITED

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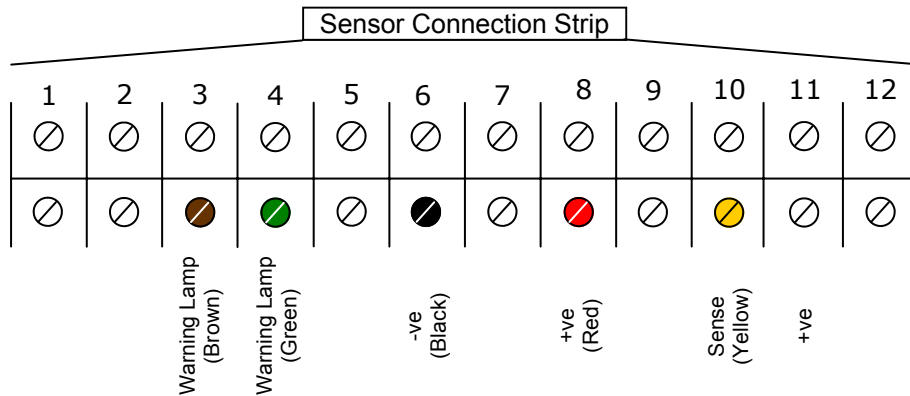
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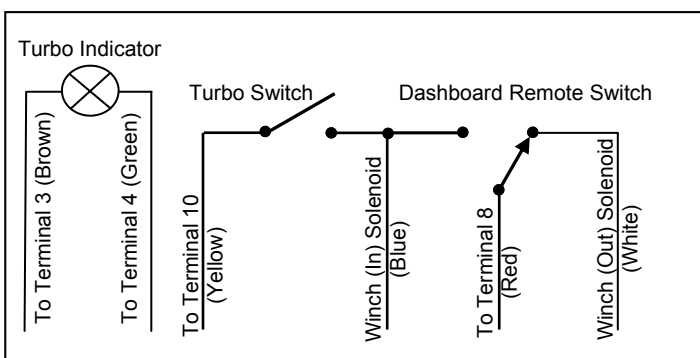
Importers, Exporters, Wholesale Distributors and Retailers of  
Winches and Accessories

## IMPORTANT

- i) Auxiliary battery must **NOT** be earthed to vehicle chassis or have anything else connected to it.
- ii) +ve Red for Remote must come from Turbo Unit (not the main +ve feed to the Winch)
- iii) Winch Solenoid -ve feed must come from Turbo Unit (remove existing Solenoid Earth)
- iv) A safety cut out switch **MUST** be fitted between the +ve Solenoid connection on the Controller and the Winch.
- v) **DO NOT INSTALL UNDER THE BONNET OR CLOSE TO THE EXHAUST SYSTEM OR ANY OTHER HEAT SOURCE. Best mounted vertically with the connector block at the top.**



1	Spare	7	Spare
2	Spare	8	+ve supply to Winch Remote Socket and Dashboard Remote Switch (Red)
3	Turbo Indicator (Optional) (Brown)	9	Spare
4	Turbo Indicator (Optional) (Green)	10	Sense wire from Turbo Switch (Yellow)
5	Spare	11	Auxiliary +ve 12v (across terminals 6 & 11 only)
6	-ve to Winch Solenoid Coil (Black)	12	Spare



Dashboard Control Panel

### Note:

The Turbo Power Controller is wired between your existing vehicle battery and a second auxiliary battery. The auxiliary battery **must not be earthed** or **have anything else connected to it**, just the two heavy cables from the Turbo Power Controller.

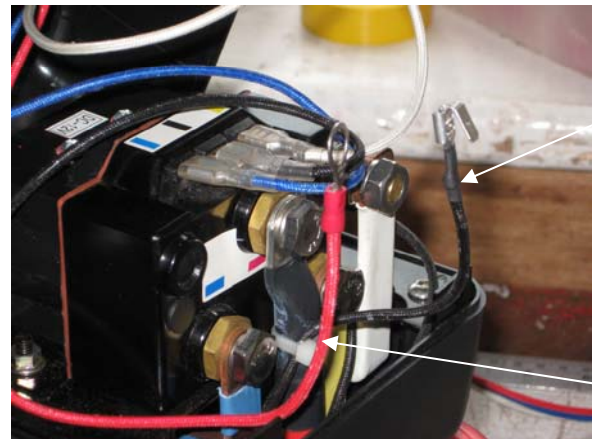
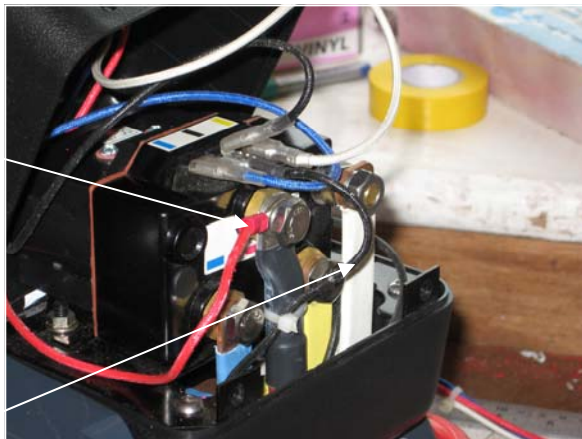
The reason for this is, the Turbo Power Controller switches the auxiliary battery from normally running in parallel with the vehicle battery, to being connected in series with the vehicle battery, on demand. When winching stops, the two batteries resume working together in parallel.

Red ended cable tails are +ve, green are -ve.



Complete kit ready for installation in Vehicle

Centre spade terminal on solenoid, connects to terminal 6 on Turbo Boost Unit



Red to Remote Handset socket

Black (solenoid earth) to motor earth bolt

Black Remove from solenoid, insulate and secure out of the way

Red, remove from solenoid and connect to terminal 8 on Turbo Boost Unit

EXISTING WIRING

NEW WIRING

Connections to Sealed Solenoid Pack. Please note: The Turbo Power Controller can only be used with this type of solenoid (not closed can type)



In-cab Dashboard Switch Panel