

VDO Viewline d52mm Instruments installation instructions

These instructions are supplementary to the VDO instructions. If in doubt, the VDO instructions must be followed.

- 1. Disconnect the battery power for the duration of the installation to avoid accidental short circuits. If this is impractical, ensure that the circuits for the instruments and instrument lighting are switched off by removing the fuses or switching off the circuit breakers protecting the relevant circuits.
- 2. Do not fit instruments any closer than 300mm (30cm) to a magnetic compass.
- 3. The instrument must be fitted into a 53mm hole. The rubber gasket must lie flat between the front bezel and the mounting panel. Ensure that the gauge face is upright before tightening the white plastic fastening nut <u>hand tight</u>. The fastening nut can be fitted to the instrument either way (see sketch 5 in instructions), depending on the panel thickness (panel can be 0,5mm to 20mm thick).
- 4. The instrument is supplied with an 8 pole TYCO connector with 500mm fly leads fitted. Connections are as follows (No 8 pin is adjacent the polarising key on the connector body).

PIN	Cable	Function	PIN	Cable	Function
1	red	+ (from battery)	5	green	Signal from sender
2	black	- (from battery)	6	blue/red	+ to Backlighting
3	blue/black	- optional feed to sender	7	yellow/black	LED warning light -
4	brown	unused	8	yellow/red	LED warning light +

- 5. A 1A fast blow fuse must be fitted to the positive supply.
- 6. The feed of the negative connection to the sender can be:
 - through a cable directly from the battery
 - through an earthed component (e.g. engine block or fuel tank)
 - from the instrument through the blue/black cable in the loom
- 7. Use of the integral warning light is optional. The warning switch could be one integrated in a sender-switch unit or a stand alone switch. The warning switch is shown on the negative side of the warning light, but it may alternatively be fitted into the positive connection to the lamp.

