



Vision LPG “Dead Man” modification.

As the development of the Vision LPG Bowser progressed a “Dead Man” function was introduced into the software. It is present in all Vision LPG Software from Version B3.5 & later which was released in March 1997. As most installations do not use the “Dead Man” function most LPG bowzers built after this date have the correct harness wiring to disable the “Dead Man” function. However bowzers manufactured before this date may require a couple of wiring modifications to enable correct operation if later software is installed in the Vision Processor board.

Firstly Pin 1 & Pin 2 on both J5 & J6 must be linked together. If existing wires are present in either of these positions then the wires can be cut 50mm from the female connector & the 2 wires can be stripped, soldered together & insulated. If Pin 1 & Pin 2 on either J5 or J6 are empty then a link wire must be installed into the connector to complete the circuit.

Link wires can be obtained from Kentronics with the correct crimp pins fitted to complete the above step if required.

Secondly you must check the solenoid wiring on the Vision P/Supply Board. Early LPG Bowzers utilized single stage solenoids. These only have one switching input & were wired onto the P/Supply in the “Fast Valve” position. If this is the case & later software is installed then this single solenoid switch wire must be removed from the “Fast Valve” output & re-terminated in the “Slow Valve” output on the P/Supply Board. This is only required on Single Stage Solenoid valves. Later version dual stage solenoids use both the “Slow Valve” & “Fast Valve” outputs on the P/Supply Board & do not require this step.

Thoroughly check the operation of the bowser to complete the upgrade.

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