CONFIG: HF810 18010 01100 Manual Isolation Delay - N/A Chassis Type - N/A Alarm 1 - 2 min after <LVT **KIT No: K327** Low Voltage Threshold - 24.1V Alarm 2 - 1 min after isolation **Body Type - N/A** THESE INSTRUCTIONS ARE ONLY TO BE USED AS A GUIDE. IT IS THE INSTALLERS RESPONSIBILITY TO VALIDATE FOR EACH INSTALLATION INTELLITECMV Ltd CAN NOT BE HELD RESPONSIBLE FOR VEHICLE VARIATIONS File BATTERY GUARD PSV Important Modification - Fit Clamping diode as shown Carling V series switch Read Configuration Automatic Disconnects: at chassis Isolation Solenoid. © 00-01101-120 (12V) © 00-01101-240 (24V) Send Configuration Threshold and Delay Configurations Manual Disconnects: 0 Calibrate Inhibit V Reconnect Threshold: Low Voltage Threshold: Read Disconnect Count Inhibit wire Allowable Range: 24.8 to 26.6 V Allowable Range: 22.5 to 24.5 V Connect to ignition + feed or D+ feed. **Project Title** Reset Automatic Disconnect Count Configured for Positive ON. 30A Standard BGPSV3000 Reset Failed Disconnect Count **Inhibit Connection** Warning Phase: **Configuration Number** Reset Manual Disconnect Count 86 85 Allowable Range: 0 to 8 min Allowable Range: 0 to 8 min HF810 18010 01100 6 Alarm 1 Contact Normally Closed Alarm 2 Contact Normally Closed White 5 Manual Serial Edit Enable Aux Input Polarity (Checked = Positive Enable) Activation Phase: Inhibit Delay: **COM Setup** Manual Disconnect Enable Allowable Range: 0 to 8 min Allowable Range: 0 to 360 sec € COM1 € COM2 € COM3 Auto Reconnect Enable **Not Used** One Time Warning Override C COM 4 C COM 5 C COM 6 Pektron diode ☐ Bus Master Switch Installed **Aux Input Configuration** Inhibit Disconnect Setting Disabled **AVL Output Configuration** Disabled **Batteryguard 3000 PSV ECU** Intellitec GUI Version: Rev A - 08/28/2015 **Not Used Not Used Not Used** Connect to permanent unswitched B+ Connect at PCB Board at PCB board term B+ Common main negative stud. **Vehicle Unswitched Perm Positive Vehicle Negative Connect at PCB** Inline Blade Fuse Holder Existing Wiring Diagnostic LEDs Red - Fast Flashing - This indicates the ECU is in engineer test mode. **Isolation Circuit** Red - Slow Flashing - This indicates that the vehicle battery voltage is < low voltage threshold programmed parameter. Red - Constant - This indicates that the inhibit circuit is active and will prevent a disconnect regardless of voltage. Cut wire at Dash Master Switch. Yellow - Constant - Indicates that Alarm 1 condition is active. Wire in series with Dash Master Switch. Green - Constant - Indicates that Alarm 2 condition is active post a disconnect. Reason for Issue Change: N/A Revised: N/A Drawn: M Cain Check: Draw number: BG3K-K327 Date :23-11-15 Scale: NTS Filepath: BatteryMan/BG3000PSV Issue Level: A **Intellitec Technical Services Technical Helpline** BATTERY GUARDSK Title: Standard Schematic BG3000PSV 0151 4828970 **Speciality Vehicle Electronics Division**