



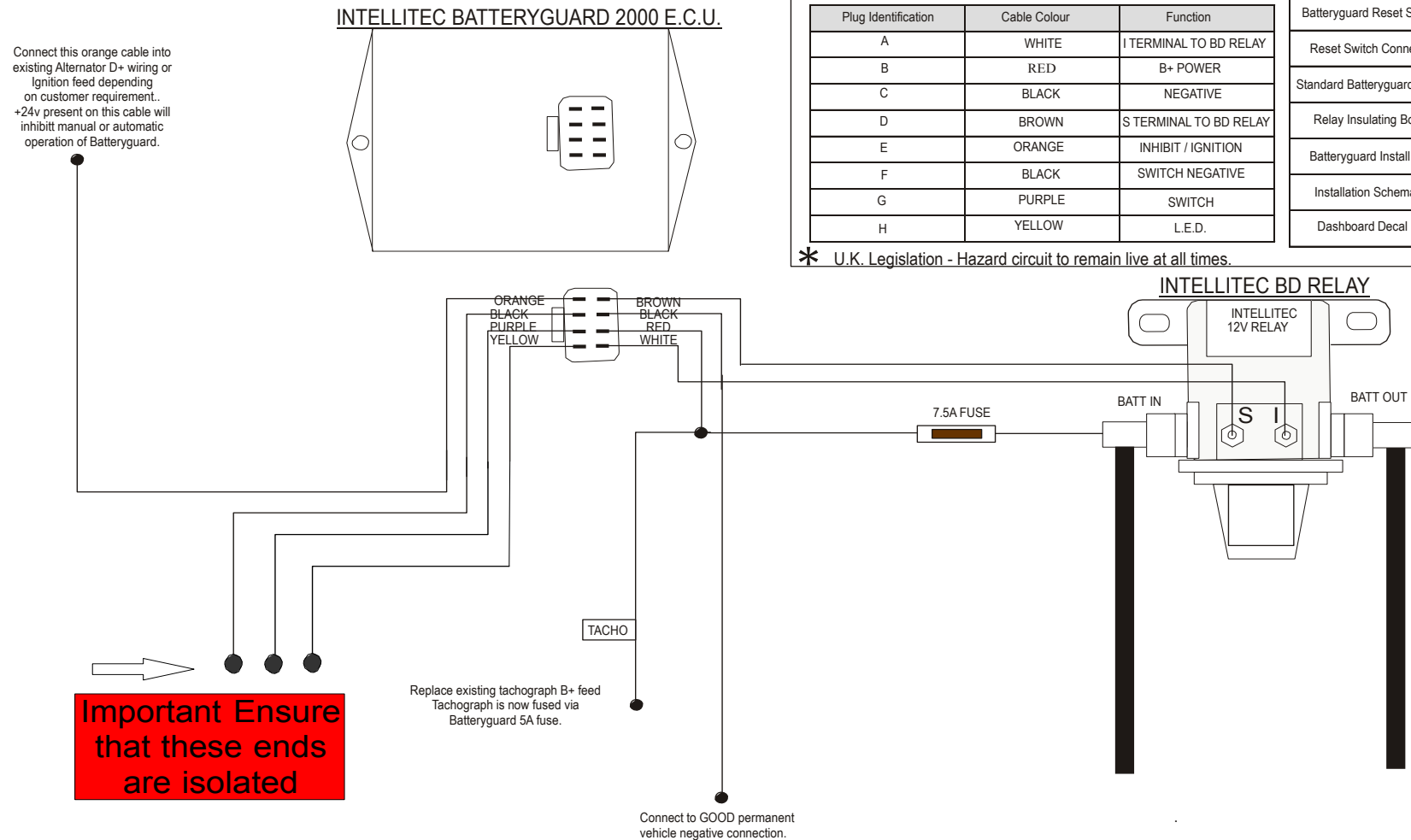
Schematic Information

Component Description	Intellitec Part No
12v Batteryguard 2000 Electronic Control Unit	00-00660-120
12v Batteryguard Battery Disconnect Relay	01-00055-002
Batteryguard Reset Switch	N/A
Reset Switch Connector	RSFC001
Standard Batteryguard loom	CDL 10097
Relay Insulating Boots	Ac1 - Small Ac3 - Large
Batteryguard Install Kit	01-00098-000
Installation Schematic	BMS-00-660-001
Dashboard Decal	N/A

Plug Identification	Cable Colour	Function
A	WHITE	I TERMINAL TO BD RELAY
B	RED	B+ POWER
C	BLACK	NEGATIVE
D	BROWN	S TERMINAL TO BD RELAY
E	ORANGE	INHIBIT / IGNITION
F	BLACK	SWITCH NEGATIVE
G	PURPLE	SWITCH
H	YELLOW	L.E.D.

* U.K. Legislation - Hazard circuit to remain live at all times.

! If in doubt please ask.



Draw number : BMS-00-660-001

Drawn : T. Hanlon

Issue: **A**
Revised:

Check : A.W.
P.S

Date :10/04/08

Scale : NTS

Filepath :Workshop\BMS-00\BG2000.

Intellitec M.V Technical Services
Speciality Vehicle Electronics Division

Technical Helpline
01142823326

Title :

BMS 12v auto-reconnect



Schematic Information

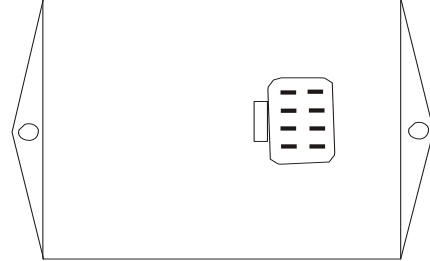
Component Description	Intellitec Part No
24v Batteryguard 2000 Electronic Control Unit	00-00660-240
24v Batteryguard Battery Disconnect Relay	01-00055-242
Batteryguard Reset Switch	N/A
Reset Switch Connector	RSFC001
Standard Batteryguard loom	CDL 10097
Relay Insulating Boots	Ac1 - Small Ac3 - Large
Batteryguard Install Kit	01-00098-000
Installation Schematic	BMS-00-660-02
Dashboard Decal	N/A

Plug Identification	Cable Colour	Function
A	WHITE	I TERMINAL TO BD RELAY
B	RED	B+ POWER
C	BLACK	NEGATIVE
D	BROWN	S TERMINAL TO BD RELAY
E	ORANGE	INHIBIT / IGNITION
F	BLACK	SWITCH NEGATIVE
G	PURPLE	SWITCH
H	YELLOW	L.E.D.

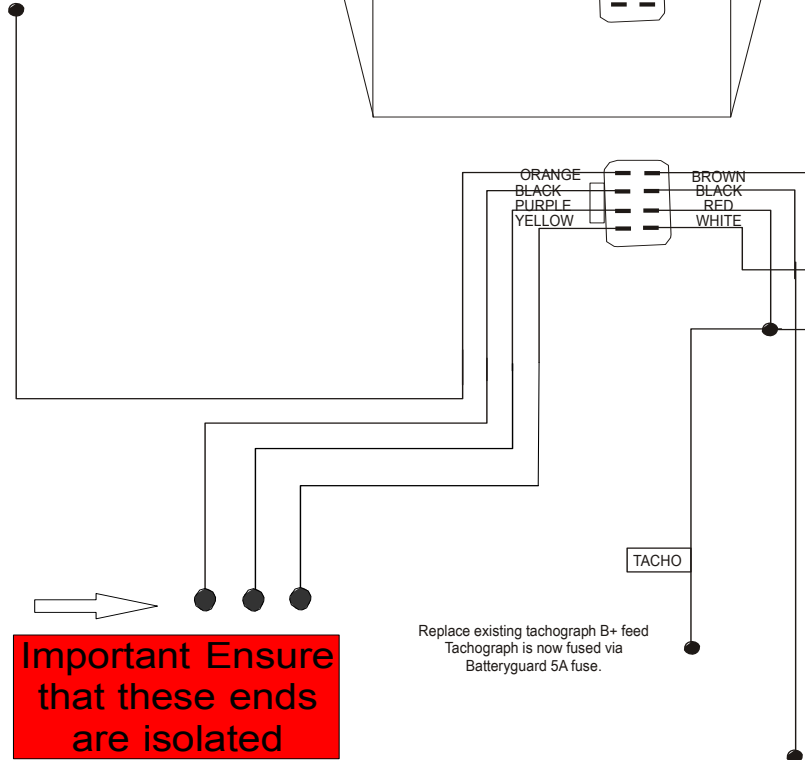
* U.K. Legislation - Hazard circuit to remain live at all times.

! If in doubt please ask.

INTELLITEC BATTERYGUARD 2000 E.C.U.



Connect this orange cable into existing Alternator D+ wiring or Ignition feed depending on customer requirement.. +24v present on this cable will inhibit manual or automatic operation of Batteryguard.

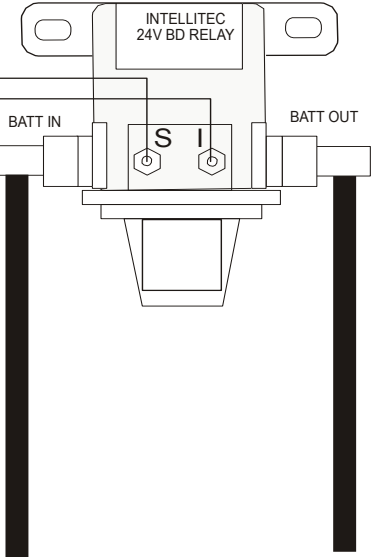


Important Ensure that these ends are isolated

Replace existing tachograph B+ feed Tachograph is now fused via Batteryguard 5A fuse.

Connect to GOOD permanent vehicle negative connection.

INTELLITEC BD RELAY

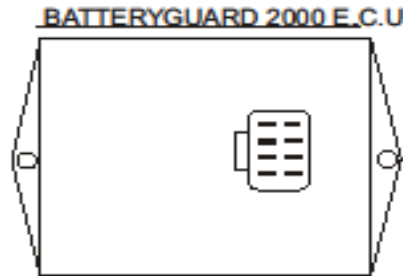


Reason for issue change:

	Draw number : BMS-00-660-02	Drawn : T. Hanlon	Issue: A	Check : A.W. <input type="checkbox"/>	Date :10/04/08	Scale : NTS	Filepath :Workshop\BMS-00\BG2000.
	Intellitec M.V Technical Services Speciality Vehicle Electronics Division		Revised:	Check : P.S	Title : BMS 24v auto-reconnect		
Technical Helpline 01142823326							

K03

Connect this orange cable into existing Alternator D+ or Ignition feed depending on customer spec... 12V present on this cable will inhibit manual or automatic operation of Batteryguard.



Schematic Information

Plug Identification	Cable Colour	Function
A	WHITE	TERMINAL TO BD RELAY
B	RED	B+ POWER
C	BLACK	NEGATIVE
D	BROWN	TERMINAL TO BD RELAY
E	ORANGE	INHIBIT / IGNITION
F	BLACK	SWITCH NEGATIVE
G	PURPLE	SWITCH
H	YELLOW	LED.

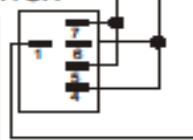
Component Description	Part No
12v Batteryguard 2000 Electronic Control Unit	00-0060-021
12v Batteryguard Battery Disconnected Relay	01-00507-512
Batteryguard Reset Switch	RS4001
Reset Switch Connector	RSPC001
Standard Batteryguard loom	CDL1009F
Relay/insulating Boots	Act1 - Small Act3 - Large
Batteryguard Inlet Kit	01-0056-000
Installation Schematic	BM 500-460-0006
Dashboard Decal	SGDD001

* U.K. Legislation - Hazard circuit to remain live at all times.

If in doubt please ask.

BATTERYGUARD SWITCH

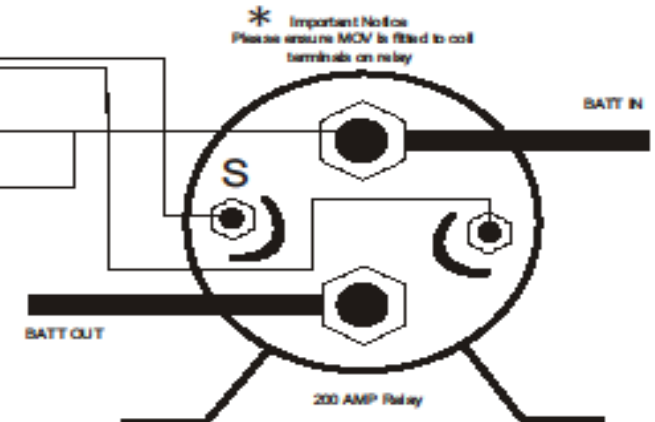
Cable Colour	Switch Pin No
Yellow	1
Purple	4 & 6
Black	5 & 7



Replace existing tachograph B+ feed. Tachograph is now fused via Batteryguard 7.5A fuse.

* Replace existing hazard switch B+ feed if original supply is disconnected.

Connect to GOOD permanent vehicle negative connection.



Reason for issue change: Fuse change to 7.5 A



Draw number :BMS-00-660-08

Drawn : Paul Smith

Issue: B
Revised :

Check : S.S.
TH.

Date :4/12/08

Scale : NTS

Filepath :BMS/NewSys/BG2000

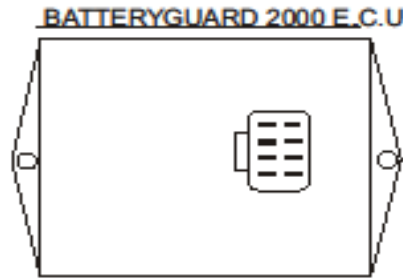
Intellitec MV Technical Services
Speciality Vehicle Electronics Division

Technical Helpline
0151 482 8970

Title : 12v Batteryguard 2000 Electrical Wiring Diagram
(200 Amp Relay)

K03

Connect this orange cable into existing Alternator D+ or Ignition feed depending on customer spec. 12V present on this cable will inhibit manual or automatic operation of Batteryguard.



Schematic Information

Plug Identification	Cable Colour	Function
A	WHITE	TERMINAL TO BD RELAY
B	RED	B+ POWER
C	BLACK	NEGATIVE
D	BROWN	TERMINAL TO BD RELAY
E	ORANGE	INHIBIT / IGNITION
F	BLACK	SWITCH NEGATIVE
G	PURPLE	SWITCH
H	YELLOW	LED.

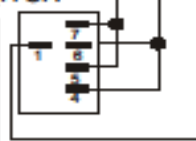
Component Description	Part No
12v Batteryguard 2000 Electronic Control Unit	00-0080-021
12v Batteryguard Battery Disconnect Relay	01-00507-512
Batteryguard Reset Switch	RS4001
Reset Switch Connector	RSFC001
Standard Batteryguard loom	CDL1000F
Relay/insulating Boots	Ac1 - Small Ac3 - Large
Batteryguard Install Kit	01-0050-000
Installation Schematic	BM 500-480-0008
Dashboard Decal	SGDD001

* U.K. Legislation - Hazard circuit to remain live at all times.

! If in doubt please ask.

BATTERYGUARD SWITCH

Cable Colour	Switch Pin No
Yellow	1
Purple	4 & 6
Black	5 & 7



Replace existing tachograph B+ feed Tachograph is now fused via Batteryguard 7.5A fuse.

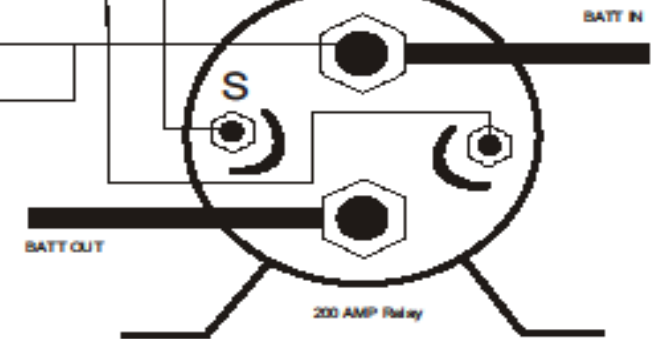
TACHO

* Replace existing hazard switch B+ feed if original supply is disconnected.

HAZARD

Connect to GOOD permanent vehicle negative connection.

* Important Notice
Please ensure MCV is fitted to coil terminals on relay



Reason for issue change: Fuse change to 7.5 A



Draw number :BMS-00-660-08

Drawn : Paul Smith

Issue: B
Revised :

Check : S.S.
TH.

Date :4/12/08

Scale : NTS

Filepath :BMS/NewSys/BG2000

Intellitac MV Technical Services
Speciality Vehicle Electronics Division

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0151 482 8970

Title : 12v Batteryguard 2000 Electrical Wiring Diagram
(200 Amp Relay)