

## 967 FWD-RWD Basic Wiring information

### INTERFACE COLOURS

<b>Purple</b>	(Pin 1)	Ignition (switched)
<b>Orange</b>	(Pin 2)	Fuel Pump (+12v Out to pump)
<b>Green</b>	(Pin 3)	Taco
<b>Blue/White</b>	(Pin 4)	Gear Shift Lamp (switch Neg 0.25amp max)

### THROTTLE POT WIRING TP & MT KITS TO MBE 967

967 ECU Pin out for Throttle sensor

Throttle Pot Pin	Signal	ECU Pin
Pin 1 – pin - on SBD-Sure seal	5v Reference	Pin 22 of ECU
Pin 2 – socket - on SBD-Sure seal	Electronic Ground	Pin 23 of ECU
Pin 3 – socket - on SBD-Sure seal	Throttle Signal	Pin 20 of ECU

### LAMBDA 4 PIN SURE SEAL WIRING

Lambda control is always disabled when we send our ECUs out, they would need to be configured to suit either a lambda 1 type sensor or a wide range lambda control system e.g. Bosch, ETAS, Motec Innovate, etc. Contact us for more details.

<u>Lambda Connector</u>		<u>ECU Pin</u>
Pin 1	+12V	
Pin 2	GROUND	
Pin 3	LAMBDA RETURN	Pin 5
Pin 4	LAMBDA SIGNAL	Pin 29

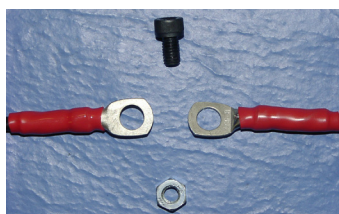
### CHASSIS GROUND

The chassis ground should be connected to either the battery negative or a good chassis ground as show. PLEASE ENSURE VERY CLEAN SURFACES.

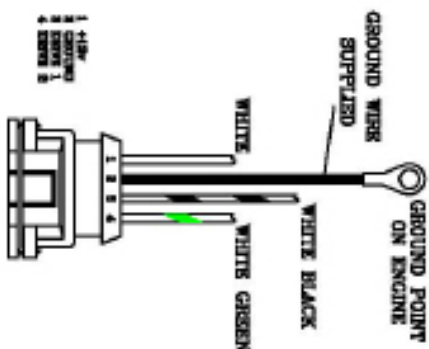
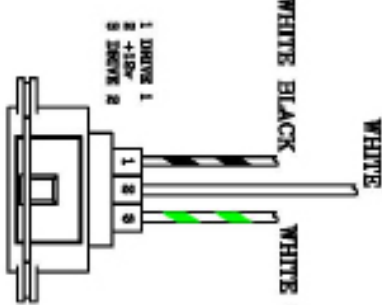
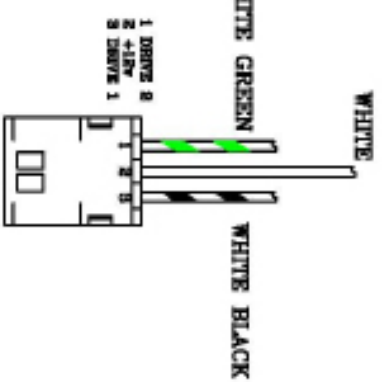
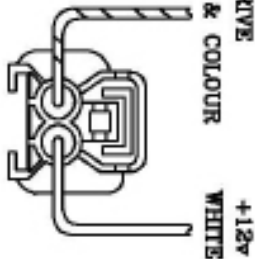
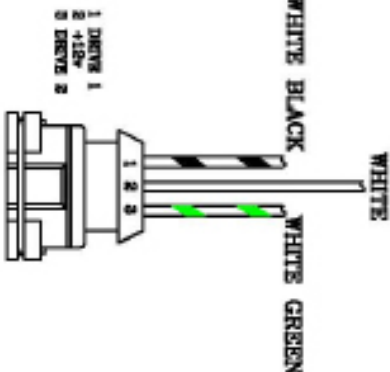
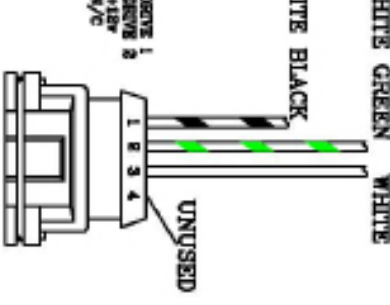
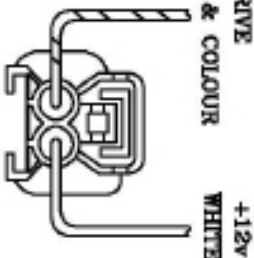
### BATTERY POSITIVE

Battery +ve is recommended to be connected directly to the battery positive. It must not go to master switch otherwise voltage drop will almost certainly occur, creating starting issues. The switched ignition wire can be fed through the additional normally closed pins when master switch is on. This means the ECU will be switched off when the master switch is turned off. If the lead won't reach, use an extension lead and join as follows.

Join ends with nut & bolt and cover with heat shrink



## COIL CONNECTOR PIN OUTS

 <p>GROUND WIRE SUPPLIED ON ENGINE</p> <p>WHITE BLACK WHITE GREEN</p> <p>1 +12V 2 GROUND 3 DRIVE 1 4 DRIVE 2</p> <p>DISTRIBUTOR LESS CORSA COIL/AMPLIFIER</p>	 <p>WHITE WHITE BLACK WHITE GREEN</p> <p>1 DRIVE 1 2 +12V 3 DRIVE 2 4 R/C</p> <p>DISTRIBUTOR LESS FORD COIL</p>	 <p>WHITE WHITE GREEN WHITE BLACK</p> <p>1 DRIVE 2 2 +12V 3 DRIVE 1 4</p> <p>DISTRIBUTOR LESS LATER FORD COIL</p>	 <p>DRIVE WHITE &amp; COLOUR WHITE +12V</p> <p>COIL ON PLUG LATER FORD COIL</p>
 <p>WHITE WHITE BLACK WHITE GREEN</p> <p>1 DRIVE 1 2 +12V 3 DRIVE 2 4</p> <p>DISTRIBUTOR LESS BOSCH COIL</p>	 <p>WHITE GREEN WHITE WHITE BLACK UNUSED</p> <p>1 DRIVE 1 2 DRIVE 2 3 +12V 4 R/C</p> <p>DISTRIBUTOR LESS SAGEM/VALERO/SIEMENS/LUCAS COIL PLUS SOME PEUGEOT COIL ON PLUG SYSTEMS</p>	 <p>DRIVE WHITE &amp; COLOUR WHITE +12V</p> <p>COIL ON PLUG SUZUKI HYABUSA</p>	<p>TBA</p>

© GMR MOTORSPORT  
COLOURS ARE ONLY APPLICABLE TO  
GMR MOTORSPORT MANUFACTURED HARNESS  
CHECK INFORMATION BEFORE CONNECTING

*Please be aware that Technical Support involving our Technicians is chargeable*

SBD Motorsport Ltd  
Unit 15, Red Lion Business Park, Red Lion Road, Surbiton, Surrey. KT6 7QD  
Tel: 020 8391 0121  
Website: [www.sbdmotorsport.co.uk](http://www.sbdmotorsport.co.uk)



SBDMotorsport



sbdevelopments