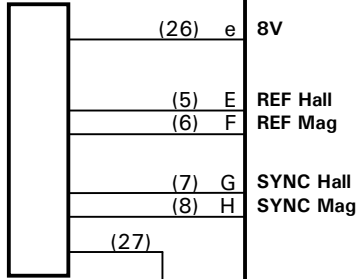


## Sensors

Numbers in brackets refer to pin numbers on other drawings

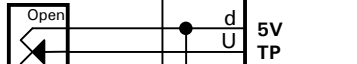
### REF & SYNC

Refer to the Trigger Drawings for details



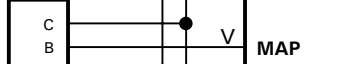
### TP

(Throttle Position)



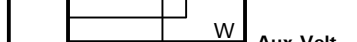
### MAP

(Manifold Pressure)



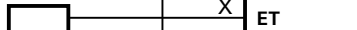
### AUX V

(Auxiliary Voltage)  
(Optional)



### ET

(Engine Temp)



### AT

(Air Temp)



### AUX T

(Auxiliary Temp)  
(Optional)



### Digital 1

(Optional)



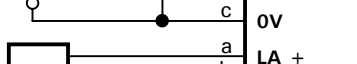
### Digital 2

(Optional)



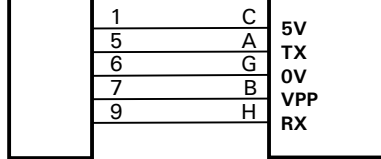
### LA

(Lambda Sensor)  
(Optional)

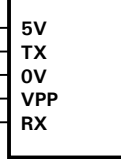


### D9 Male

To Motec Computer Interface Cable or RS232 Adapter



### 10 Pin



## Injectors

Connect in Firing Sequence for Sequential Operation

## ECU

Injector 1  
Injector 2  
Injector 3  
Injector 4

Injector 5  
Injector 6  
Injector 7  
Injector 8

AUX 1  
Note 4

AUX 2 / IGN 2  
Note 5

AUX 3 / IGN 3  
Note 5

AUX 4 / IGN 4  
Note 5

Bat +

IGN1

GND

1st 2nd 3rd 4th

5th 6th 7th 8th

(Aux Valve or Relay)

(Aux Valve or Relay)

(Aux Valve or Relay)

Fuel Pump

Fuse 20 A

Relay 30A

Note 1

Fuse 20 A

Note 2

Fuse 20 A

Note 3

Relay 30A

Ignition System

(See Detailed Drawings)

Battery

Earth at Engine Block

Chassis

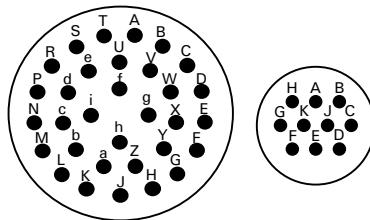
**Note 1**  
The Fuse is essential to ensure that the ECU is not damaged by reversed battery polarity

**Note 2**  
To avoid the fuse blowing due to reverse battery polarity use a diode activated relay eg. Bosch 0 332 014 112

**Note 3**  
The Ignition System Relay should be activated using the Fuel Pump control wire to ensure that the Ignition System is off when the engine is stopped. Or use the Fuel pump relay to power the Ignition System. This also provides reverse battery protection to the Ignition System.

**Note 4**  
The AUX1 Output can sink a maximum current of 4 Amps.

**Note 5**  
The AUX2, AUX3, AUX4 Outputs can sink a maximum current of 0.6 Amps.



Mating Connectors  
6026-18-32SN 6026-12-10SN

**MoTeC**

Title **M48 MIL ECU Wiring**

Sheet No

Drawing No

Date 7 / 12 / 1996

Drawn TW

App

Rev A

M48MIL

**ECU**