



WIRING SCHEMATIC  
FOR STC  
LAST UPDATED 30/3/11

Tel +44 (0)161 877 1419  
Fax +44 (0)161 877 7086  
Email office@dtafast.co.uk

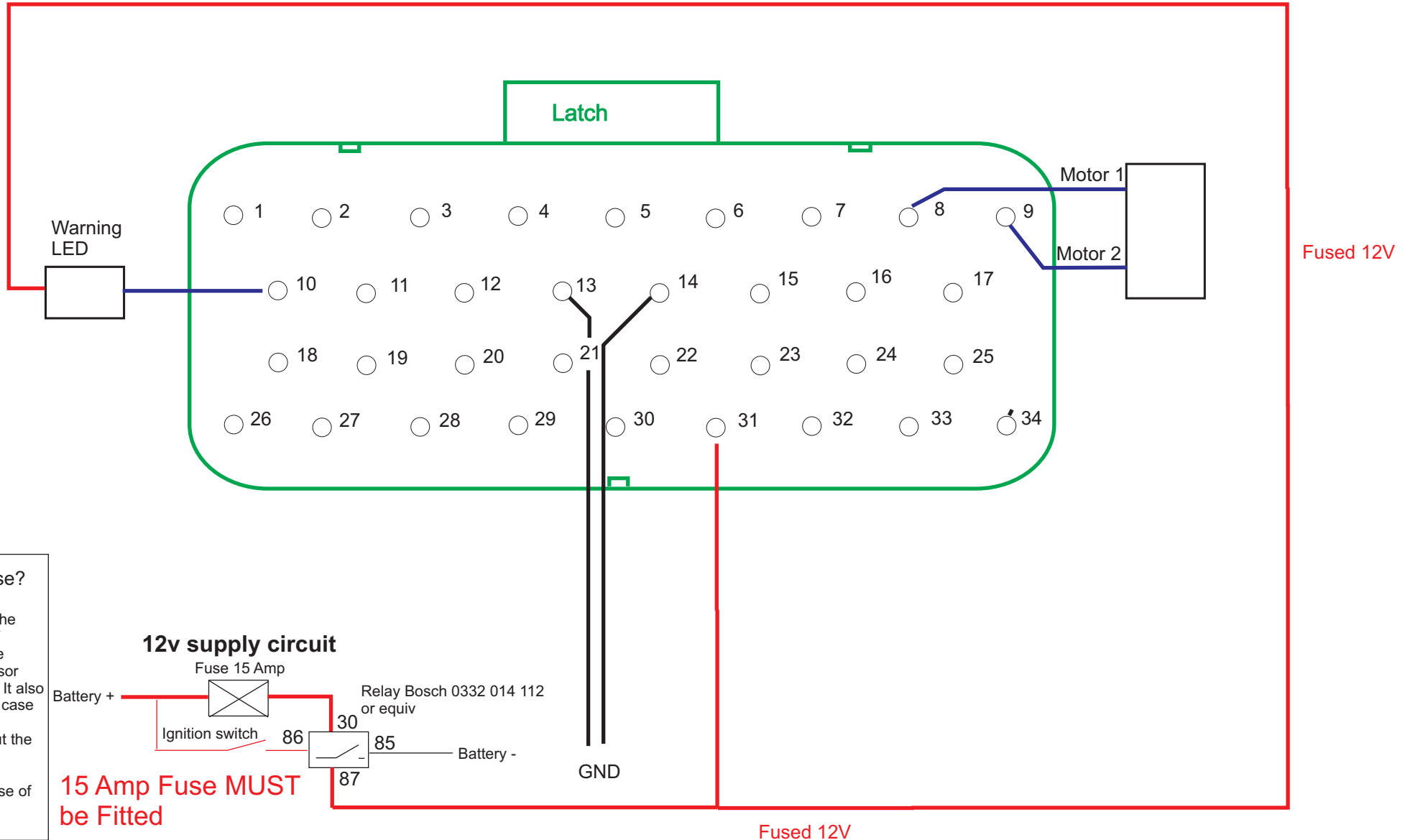
NEEDS FIRMWARE  
V1.00 AND HIGHER  
FOR ALL OPTIONS

Revision History

30/ 3/11 Swapped Pins 1 & 4 on 0280 750 097 Body

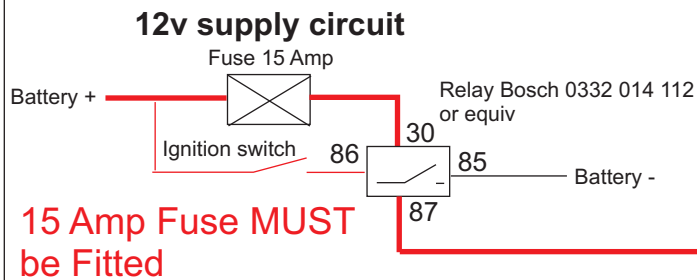
**STC Power Connections**

Drawn from pin insertion side  
Note this connector has Three  
keyways in total



**Why The Fuse?**

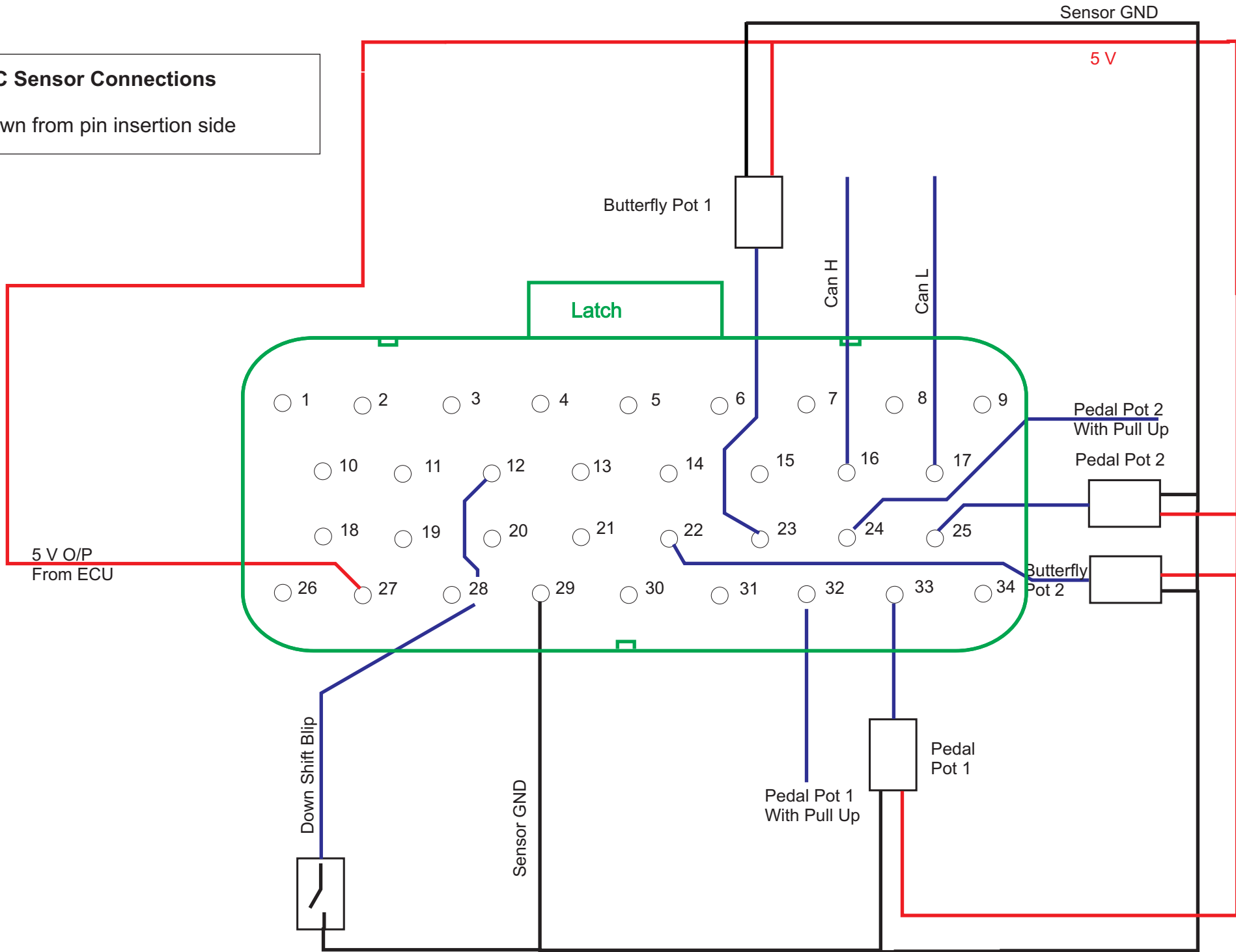
The fuse protects the ECU in the case of severe errors in the wiring (12V to Sensor GND for instance). It also protects the unit in case of reverse battery connection. Without the fuse the unit will CERTAINLY be damaged in the case of a reversed battery connection.



**15 Amp Fuse MUST  
be Fitted**

Fused 12V

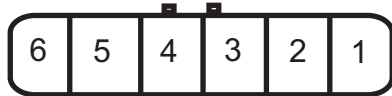
**STC Sensor Connections**  
Drawn from pin insertion side



## Honda K20 Connections

### Pedal Sensor

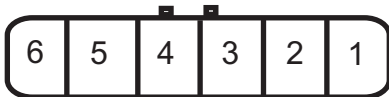
Connections shown looking at sensor



- 1 = 5V
- 2 = Signal GND
- 3 = Pedal Sens 1 (TC Pin 33)
- 4 = 5V
- 5 = Signal GND
- 6 = Pedal Sensor 2 (TC Pin 25 & ECU Pin Ana1 Input)

### Throttle Body

Connections shown looking at body



- 1 = Motor 2 (TC Pin 9)
- 2 = Motor 1 (TC Pin 8)
- 3 = Signal GND
- 4 = Butterfly Sensor 2
- 5 = 5V
- 6 = Butterfly Sensor 1 & ECU TPS Input

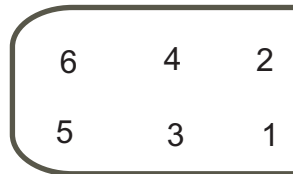
Use Throttle Body Mode 2

Connections are shown for information only. It is up to the user to ensure these are correct for their application.

## VW 1.8T Connections

### Pedal Sensor Bosch 021 907 475D

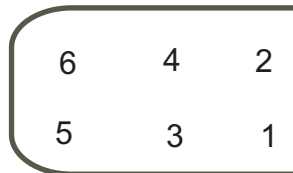
Connections shown looking at sensor



- 1 = Pedal Sensor 2 (TC Pin 25 & ECU Ana1 Input)
- 2 = 5V
- 3 = Signal GND
- 4 = Signal Gnd
- 5 = 5V
- 6 = Pedal Sensor 1 (TC Pin 33)

### Throttle Body Bosch 0280 750 036

Connections shown looking at body



- 1 = Butterfly Sensor 1
- 2 = 5V
- 3 = Motor 1
- 4 = Butterfly Sensor 2 & ECU TPS Input
- 5 = Motor 2
- 6 = Signal Gnd

Use Throttle Body Mode 0

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## Peugeot/Citroen

### Pedal Sensor Valeo 445 821 001 001

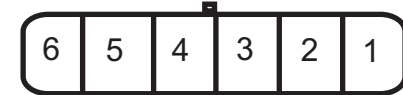
Connections shown looking at sensor



- 1 = Pedal Sensor 2 (TC Pin 24 Pull Up & ECU Ana 1 Input)
- 2 = Pedal Sensor 1 (TC Pin 32 Pull Up)
- 3 = 5V
- 4 = Signal Gnd

### Throttle Body Bosch 0280 750 085

Connections shown looking at body



- 1 = Butterfly Sensor 1
- 2 = 5V
- 3 = Butterfly Sensor 2 & ECU TPS Input
- 4 = Signal Gnd
- 5 = Motor 1
- 6 = Motor 2

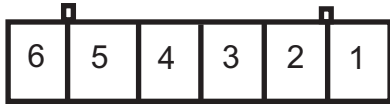
Use Throttle Body Mode 0

Connections are shown for information only. It is up to the user to ensure these are correct for their application.

## More Bosch Connections

### Pedal Sensor Bosch 0280 752 211

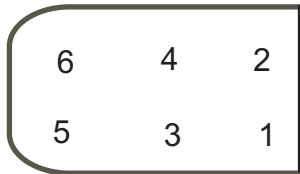
Connections shown looking at sensor



- 1 = 5V
- 2 = 5V
- 3 = Signal GND
- 4 = Pedal Sensor 2 (TC Pin 25 & ECU Ana1 Input)
- 5 = Signal GND
- 6 = Pedal Sensor 1 (TC Pin 33)

### Throttle Body Bosch 0280 750 097

Connections shown looking at body



- 1 = Butterfly Sensor 2 & ECU TPS Input
- 2 = 5V
- 3 = Motor 1
- 4 = Butterfly Sensor 1
- 5 = Motor 2
- 6 = Signal Gnd

Use Throttle Body Mode 0

Connections are shown for information only. It is up to the user to ensure these are correct for their application.