



# T4+ ECU

Pinout Version: 1.02  
Pin-Insertion Side  
Connector 1

|                  |             |                |                             |                             |                              |                    |                      |                      |
|------------------|-------------|----------------|-----------------------------|-----------------------------|------------------------------|--------------------|----------------------|----------------------|
| Pin 1<br>Coil 3  | Pin 2<br>-  | Pin 3<br>PWM 3 | Pin 4<br>PWM 2              | Pin 5<br>PWM 1              | Pin 6<br>Motor 1 +           | Pin 7<br>Motor 1 - | Pin 8<br>-           | Pin 9<br>Injector 1  |
| Pin 10<br>Coil 1 | Pin 11<br>- | Pin 12<br>-    | Pin 13<br>Power<br>Ground 1 | Pin 14<br>Power<br>Ground 2 | Pin 15<br>-                  | Pin 16<br>-        | Pin 17<br>Injector 2 |                      |
| Pin 18<br>Coil 2 | Pin 19<br>- | Pin 20<br>-    | Pin 21<br>-                 | Pin 22<br>-                 | Pin 23<br>-                  | Pin 24<br>-        | Pin 25<br>Injector 4 |                      |
| Pin 26<br>Coil 4 | Pin 27<br>- | Pin 28<br>-    | Pin 29<br>-                 | Pin 30<br>-                 | Pin 31<br>Ignition 12v<br>In | Pin 32<br>-        | Pin 33<br>-          | Pin 34<br>Injector 3 |

|                      |                      |                        |                         |                     |                     |                       |                         |                      |
|----------------------|----------------------|------------------------|-------------------------|---------------------|---------------------|-----------------------|-------------------------|----------------------|
| Pin 1<br>Analogue 2  | Pin 2<br>Wheel 1     | Pin 3<br>Analogue 10   | Pin 4<br>Digital 1      | Pin 5<br>Analogue 3 | Pin 6<br>Analogue 4 | Pin 7<br>Thermistor 1 | Pin 8<br>-              | Pin 9<br>5v Output   |
| Pin 10<br>Analogue 1 | Pin 11<br>-          | Pin 12<br>Crank Sensor | Pin 13<br>-             | Pin 14<br>-         | Pin 15<br>-         | Pin 16<br>-           | Pin 17<br>Thermistor 3  |                      |
| Pin 18<br>-          | Pin 19<br>Analogue 6 | Pin 20<br>-            | Pin 21<br>Sensor Ground | Pin 22<br>Cam 1     | Pin 23<br>-         | Pin 24<br>5v Supply   | Pin 25<br>Thermistor 2  |                      |
| Pin 26<br>CAN High   | Pin 27<br>-          | Pin 28<br>CAN Low      | Pin 29<br>-             | Pin 30<br>-         | Pin 31<br>-         | Pin 32<br>-           | Pin 33<br>Sensor Ground | Pin 34<br>Analogue 9 |

|                                      |                            |                                         |             |                                       |                                        |                 |                      |                     |
|--------------------------------------|----------------------------|-----------------------------------------|-------------|---------------------------------------|----------------------------------------|-----------------|----------------------|---------------------|
| Pin 1<br>Lambda 1<br>Pump<br>Current | Pin 2<br>Lambda 1<br>VGND  | Pin 3<br>Lambda 1<br>Heater<br>Negative | Pin 4<br>-  | Pin 5<br>Lambda 1<br>Trim<br>Resistor | Pin 6<br>Lambda 1<br>Nernst<br>Voltage | Pin 7<br>-      | Pin 8<br>-           | Pin 9<br>-          |
| Pin 10<br>PWM 8                      | Pin 11<br>-                | Pin 12<br>-                             | Pin 13<br>- | Pin 14<br>-                           | Pin 15<br>-                            | Pin 16<br>-     | Pin 17<br>Analogue 7 |                     |
| Pin 18<br>Analogue 8                 | Pin 19<br>-                | Pin 20<br>-                             | Pin 21<br>- | Pin 22<br>PWM 4                       | Pin 23<br>PWM 5                        | Pin 24<br>PWM 6 | Pin 25<br>PWM 7      |                     |
| Pin 26<br>Permanent<br>12v           | Pin 27<br>Permanent<br>12v | Pin 28<br>-                             | Pin 29<br>- | Pin 30<br>-                           | Pin 31<br>Knock 1                      | Pin 32<br>-     | Pin 33<br>CAN 2 High | Pin 34<br>CAN 2 Low |