

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

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

Pin 1 Lambda 1 Pump Current	Pin 2 Lambda 1 VGND	Pin 3 Lambda 1 Heater Negative	Pin 4 PWM 9	Pin 5 Lambda 1 Trim Resistor	Pin 6 Lambda 1 Nernst Voltage	Pin 7 Lambda 2 Pump Current	Pin 8 Lambda 2 VGND	Pin 9 Lambda 2 Heater Negative
Pin 10 PWM 8	Pin 11 L2 Trim current (Cal resistor)	Pin 12 L2 Nernst voltage	Pin 13 -	Pin 14 -	Pin 15 -	Pin 16 -	Pin 17 Analogue 7	
Pin 18 Analogue 8	Pin 19 -	Pin 20 -	Pin 21 -	Pin 22 PWM 4	Pin 23 PWM 5	Pin 24 PWM 6	Pin 25 PWM 7	
Pin 26 Permanent 12v	Pin 27 Permanent 12v	Pin 28 PWM 10	Pin 29 -	Pin 30 -	Pin 31 -	Pin 32 -	Pin 33 CAN 2 High	Pin 34 CAN 2 Low