



T12 ECU

Pinout Version: 1.02
Pin-Insertion Side
Connector 1

Pin 1 Coil 3	Pin 2 Coil 11	Pin 3 PWM 3	Pin 4 PWM 2	Pin 5 PWM 1	Pin 6 -	Pin 7 -	Pin 8 Injector 11	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 Coil 9	Pin 21 Injector 9	Pin 22 Injector 10	Pin 23 Injector 8	Pin 24 Injector 7	Pin 25 Injector 4	
Pin 26 Coil 4	Pin 27 Coil 6	Pin 28 Coil 10	Pin 29 -	Pin 30 -	Pin 31 Ignition 12v In	Pin 32 Injector 12	Pin 33 Coil 12	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 Cam 3	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 Cam 4	Pin 31 Wheel 3	Pin 32 Wheel 4	Pin 33 Sensor Ground	Pin 34 Analogue 9



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Connector 3

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 Analogue 13	Pin 14 Analogue 14	Pin 15 Analogue 15	Pin 16 Analogue 16	Pin 17 Analogue 7	
Pin 18 Analogue 8	Pin 19 Digital 7	Pin 20 Digital 8	Pin 21 Digital 9	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 PWM 11	Pin 30 PWM 12	Pin 31 -	Pin 32 -	Pin 33 CAN 2 High	Pin 34 CAN 2 Low