

Paperclip Test & Pedal Trick

Petrol engines

2.0/2.5/3.0 Paperclip test
2.6/3.2 Pedal trick
2.2 Code reader required

Diesel engines

2.5 TD Paperclip test (some only, else code reader)
2.2 DTi Code reader required

Those needing a code reader or more advanced diagnostics performed, see <http://theboy.omegaowners.com>

Paperclip test

Please note: 2.0l will not work if engine running.

Open fusebox under steering wheel. Straighten a paperclip, and insert as shown:



Turn on ignition, and count the flashes of the EML. Easiest way to describe is to watch this video:

http://images.omegaowners.com/images/guides/paperclip_test/paperclip.html

Note: On a v6, if the engine isn't running, it is normal to get a 31. On a v6, you can do test again with engine running.

Note: Systems using 2 digit codes (2.5/3.0 and earlier 2.0), the system flashes a 1-2 (12) 3 times to indicate start of sequence. Systems using 4 digit codes (later 2.0l), there is no start of sequence - it starts flashing out fault codes (if any) immediately.

Pedal Trick

Foot on brake, gas pedal to the floor.

Turn on ignition to position II (do not fire the engine in position III)

When dash lights go out the yellow light car symbol with a spanner through it should flash.

4 sets of flashes/numbers pause and so on.

10 flashes is zero.

Constant flashing no codes.

Video is here:

http://images.omegaowners.com/images/guides/paperclip_test/pedaltrick.html

and shows

10 3 10 10 =0300 random miss fire

10 3 10 2 =0302 miss fire on cyl 2

10 3 10 3 =0303 miss fire on cyl 3

you get the idea...

2.5 TD Engine Management Fault Codes

DTC	Diagnostic Trouble Code Storage Condition
14	Coolant Temperature Voltage Low
15	Coolant Temperature Voltage High
16	Fuel Temperature Voltage Low
17	Fuel Temperature Voltage High
19	Incorrect RPM Signal
21	Accelerator Position Sensor (APS) Signal Voltage High
23	Accelerator Position Sensor Not In Idle Range
24	Vehicle Speed Sensor Incorrect Signal
31	No Engine RPM Signal
34	Injector Timing Out Of Range
37	Incorrect Brake Switch Signal
39	Anti Theft Injection Lock Active
41	Boost Pressure Voltage Low
42	Boost Pressure Voltage High
43	Invalid Boost Pressure
44	Incorrect Boost Pressure
48	Battery Voltage Low
49	Glow Device General Error
54	Fuelcutoff Solenoid Test Incorrect Or Short To Ground
55	Replace ECU
61	Fuel Injection Quantity Control Circuit Incorrect Signal
64	Fuel Quantity Control Out of Range
65	Electronic Control Unit (ECU) Box Temperature High
81	Sensor Injection Start Short Or Open Circuit
82	Sensor Injector Start Incorrect RPM-Signal
83	Immobiliser No or Wrong Coding
84	Immobiliser No Signal
85	Immobiliser Wrong Signal
87	Air Mass Flow Sensor Voltage High
88	Air Mass Flow Sensor Voltage High
89	Mass Air Flow Sensor Range
91	Cruise Control Device Volt Low
92	Cruise Control Device Circuit Open Or Voltage High
95	Output Amplifier Defect
96	Exhaust Gas Recirculation (EGR) Valve Out Of Range
97	Wrong Fuelpump Adjustment

Z22XE 2.2 16V Petrol

P0030 O2 Sensor Heater Circuit Range/Performance (Bank 1 Sensor 1)
P0036 O2 Sensor Heater Circuit Range/Performance (Bank 1 Sensor 2)
P0100 Mass Air Flow Sensor Circuit High Input
P0100 Mass Air Flow Sensor Circuit Low Input
P0110 Intake Air Temperature (IAT) Signal Voltage High
P0110 Intake Air Temperature (IAT) Signal Voltage Low
P0115 Engine-Coolant Temperature Sensor Circuit High Input
P0115 Engine-Coolant Temperature Sensor Circuit Low Input
P0115 Engine Coolant Temperature Sensor Circuit Malfunction
P0120 Throttle Position Sensor (TPS) Circuit 1 Voltage High
P0120 Throttle Position Sensor (TPS) Circuit 1 Voltage Low
P0120 Throttle Position Sensor 1-2 Correlation
P0130 O2 Sensor 1 Circuit Voltage High
P0130 O2 Sensor 1 Circuit Voltage Low
P0130 O2 Sensor 1 Open Circuit
P0130 O2 Sensor 1 Incorrect Signal
P0135 O2 Sensor 1 Heater Voltage High
P0135 O2 Sensor 1 Heater Voltage Low
P0135 O2 Sensor 1 Heater Open Circuit
P0136 O2 Sensor 2 Circuit Voltage High
P0136 O2 Sensor 2 Circuit Voltage Low
P0136 O2 Sensor 2 Open Circuit
P0141 O2 Sensor 2 Heater Voltage High
P0141 O2 Sensor 2 Heater Voltage Low
P0141 O2 Sensor 2 Heater Open Circuit
P0170 Rich Exhaust
P0170 Lean Exhaust
P0201 Injector Valve 1 Voltage High
P0201 Injector Valve 1 Voltage Low
P0201 Injector Valve 1 Open Circuit
P0202 Injector Valve 2 Voltage High
P0202 Injector Valve 2 Voltage Low
P0202 Injector Valve 2 Open Circuit
P0203 Injector Valve 3 Voltage High
P0203 Injector Valve 3 Voltage Low
P0203 Injector Valve 3 Open Circuit
P0204 Injector Valve 4 Voltage High
P0204 Injector Valve 4 Voltage Low
P0204 Injector Valve 4 Open Circuit
P0220 Throttle Position Sensor (TPS) Circuit 2 Voltage High
P0220 Throttle Position Sensor (TPS) Circuit 2 Voltage Low
P0220 Throttle Position Sensor (TPS) Circuit Incorrect Signal
P0230 Fuel Pump Relay Voltage High
P0230 Fuel Pump Relay Open Circuit
P0325 Knock Sensor 1 Circuit no Signal
P0335 Crankshaft Sensor Open Circuit
P0335 Crankshaft Sensor Incorrect Signal
P0335 Crankshaft Sensor Incorrect Signal
P0340 Camshaft Position Sensor Circuit No Signal
P0340 Camshaft Sensor Incorrect Signal
P0351 Ignition Coil 1 High Input
P0351 Ignition Coil 1 Incorrect Signal
P0352 Ignition Coil 2 High Input
P0352 Ignition Coil 2 Incorrect Signal
P0353 Ignition Coil 3 High Input
P0353 Ignition Coil 3 Incorrect Signal
P0354 Ignition Coil 4 High Input
P0354 Ignition Coil 4 Incorrect Signal
P0403 Exhaust Gas Recirculation (EGR) Valve Voltage High
P0403 Exhaust Gas Recirculation (EGR) Valve Voltage Low

P0403 Exhaust Gas Recirculation (EGR) Valve Open Circuit
P0443 Fuel Tank Ventilation Valve Voltage High
P0443 Fuel Tank Ventilation Valve Voltage Low
P0443 Fuel Tank Ventilation Open Circuit
P0500 Vehicle Speed Sensor Circuit Incorrect Signal
P0560 System Voltage High Input
P0560 System Voltage Low Input
P0565 Cruise Control SET and RESUME active
P0566 Cruise Control Off Signal Circuit no or Incorrect Signal
P0567 Cruise Control Resume Signal High Input
P0568 Cruise Control Set Signal Circuit High Input
P0571 Brake Switch Circuit Low Input
P0602 Security Code Not Programmed
P0602 Vehicle Identification Number Not Programmed
P0602 Variant-Coding Not Programmed
P0602 Electronic Control Unit (ECU) Not Programmed
P0602 Electronic Control Unit (ECU) Not Programmed
P0700 MIL request from Transmission Control (TC) Modul
P0700 EOBd Error stored by Transmission Control (TC) Modul
P0704 Clutch Switch Input Circuit High Input
P1120 Accelerator Pedal Position Sensor 1 High Input
P1120 Accelerator Pedal Position Sensor 1 Low Input
P1120 Accelerator Pedal Position Sensor 1 Incorrect Signal
P1122 Accelerator Pedal Position Sensor 2 High Input
P1122 Accelerator Pedal Position Sensor 2 Low Input
P1230 Main Relay Circuit Voltage High
P1230 Main Relay Open Circuit
P1326 Knock Control Maximum Spark Limit Cylinder 1
P1327 Knock Control Maximum Spark Limit Cylinder 2
P1328 Knock Control Maximum Spark Limit Cylinder 3
P1329 Knock Control Maximum Spark Limit Cylinder 4
P1405 Exhaust Gas Recirculation (EGR) Valve Feedback Voltage High
P1405 Exhaust Gas Recirculation (EGR) Valve Feedback Voltage Low
P1405 Feedbacksensor Exhaust Gas Recirculation
P1500 Position Controller Position Error
P1500 Position Controller Incorrect Signal
P1520 Powerstage Currentless
P1525 Limp Home Position Error
P1526 Limp Home Adaption Error
P1526 Lower Limit Adaption Error
P1526 Throttle Position Adaption Error
P1526 Throttle Position no Adaption
P1530 A/C Relay Voltage High
P1530 A/C Cutoff Relay Voltage Low
P1550 Electronic Throttle Control Reduced Power
P1550 Electronic Throttle Control Forced Idle
P1550 Electronic Throttle Control Engine Stop
P1551 Engine Torque Always Higher Than Expected
P1555 Throttle Position Sensor (TPS) Load Signal not Plausible with Engine Load
P1600 Reprogram or Replace Electronic Control Unit (ECU)
P1606 Replace Electronic Control Unit (ECU)
P1606 Replace Electronic Control Unit (ECU)
P1606 Replace Electronic Control Unit (ECU)
P1610 Security Code Not Programmed
P1650 Service Light Voltage High
P1650 Service Light Voltage Low
U2100 CAN-BUS Malfunction
U2101 CAN-BUS Maximum Configuration List not Programmed
U2104 CAN-BUS reset counter overrun
U2106 CAN-BUS no Communication with TCM

2.5/3.0 V6 Engines

- 10 Variant-Coding Not Programmed
- 13 O2 Sensor 1 Open Circuit
- 14 Coolant Temperature Voltage Low
- 15 Coolant Temperature Voltage High
- 16 Knock Signal Circuit 1
- 17 Knock Signal Circuit 2
- 18 Knock Control Module; Replace Electronic Control Unit (ECU)
- 19 Incorrect RPM Signal
- 21 Throttle Position Sensor (TPS) Voltage High
- 22 Throttle Position Sensor (TPS) Voltage Low
- 25 Injector Valve 1 Voltage High
- 26 Injector Valve 2 Voltage High
- 27 Injector Valve 3 Voltage High
- 28 Injector Valve 4 Voltage High
- 29 Injector Valve 5 Voltage High
- 31 No Engine RPM Signal
- 32 Injector Valve 6 Voltage High
- 33 Exhaust Gas Recirculation (EGR) Valve Voltage Low
- 34 Exhaust Gas Recirculation (EGR) Valve Voltage High
- 38 O2 Sensor 1 Circuit Voltage Low
- 39 O2 Sensor 1 Circuit Voltage High
- 44 O2 Sensor 1 Lean Exhaust
- 45 O2 Sensor 1 Rich Exhaust
- 46 Secondary Air Pump Voltage Low
- 47 Secondary Air Pump Voltage High
- 48 Battery Voltage Low
- 49 Battery Voltage High
- 52 Telltale (Check Light) Voltage High
- 53 Fuel Pump Relay Voltage Low
- 54 Fuel Pump Relay Voltage High
- 55 Replace Electronic Control Unit (ECU)
- 56 Idle Air Control Voltage High
- 57 Idle Air Control Voltage Low
- 59 Intake Manifold Valve 1 Voltage Low
- 61 Fuel Tank Ventilation Valve Voltage Low
- 62 Fuel Tank Ventilation Valve Voltage High
- 63 Intake Manifold Valve 1 Voltage High
- 69 Intake Air Temperature Voltage Low
- 71 Intake Air Temperature Voltage High
- 73 Mass Air Flow Sensor Voltage Low
- 74 Mass Air Flow Sensor Voltage High
- 75 Torque Control Voltage Low
- 76 Continuous Torque Control
- 81 Injector Valve 1 Voltage Low
- 82 Injector Valve 2 Voltage Low
- 83 Injector Valve 3 Voltage Low
- 84 Injector Valve 4 Voltage Low
- 85 Injector Valve 5 Voltage Low
- 86 Injector Valve 6 Voltage Low
- 87 A/C Cutoff Relay Voltage Low
- 88 A/C Cutoff Relay Voltage High
- 89 O2 Sensor 2 Open Circuit
- 91 O2 Sensor 2 Circuit Voltage High
- 93 Hall Sensor Voltage Low
- 94 Hall Sensor Voltage High
- 98 O2 Sensor 2 Circuit Voltage Low
- 121 O2 Sensor 2 Lean Exhaust
- 122 O2 Sensor 2 Rich Exhaust
- 123 Intake Manifold Valve 1 Blocked
- 124 Intake Manifold Valve 2 Blocked
- 127 Camshaft Control Voltage Low

- 128 Camshaft Control Voltage High
- 129 Exhaust Gas Recirculation (EGR) Valve Feedback Voltage Low
- 131 Exhaust Gas Recirculation (EGR) Valve Feedback Voltage High
- 132 Exhaust Gas Recirculation (EGR) Valve Feedback Incorrect Signal
- 133 Intake Manifold Valve 2 Voltage Low
- 134 Intake Manifold Valve 2 Voltage High
- 135 Telltale (Checklight) Voltage Low
- 136 Unknown Output Driver Error
- 137 Electronic Control Unit (ECU) Box Temperature High
- 141 Secondary Air Pump Not Enough Air
- 142 Secondary Air Pump Air Without Pump
- 143 Immobiliser No Or Wrong Signal
- 144 Immobiliser No Signal
- 145 Immobiliser Wrong Signal

2.6/3.2 V6 Petrol (Y26SE and Y32SE)

P0100 Mass or volume air flow circuit high input
P0100 Mass or volume air flow circuit low input
P0100 Mass or volume air flow circuit range/performanceProblem
P0110 Intake Air Temperature Circuit High Input
P0110 Intake Air Temperature Circuit Low Input
P0115 Engine Coolant Temperature Circuit High Input
P0115 Engine Coolant Temperature Circuit Low Input
P0115 Engine coolant temperature circuit range/performanceProblem
P0120 Throttle/PedalPosition Incorrect Ratio
P0120 Throttle/pedalPosition sensor/switch "A" circuit high input
P0120 Throttle/pedalPosition sensor/switch "A" circuit low input
P0120 Throttle/pedalPosition sensor/switch "A" circuit range/performanceProblem
P0130 O2 Sensor Circuit High Voltage (Bank 1 Sensor 1)
P0130 O2 Sensor Circuit Slow Response (Bank 1 Sensor 1)
P0130 O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 1)
P0130 O2 sensor circuit malfunction (Bank 1 Sensor 1)
P0135 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 1)
P0135 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 1)
P0135 O2 Sensor Heater Circuit Open (Bank 1 Sensor 1)
P0135 O2 sensor heater circuit malfunction (Bank 1 Sensor 1)
P0136 O2 Sensor Circuit High Voltage (Bank 1 Sensor 2)
P0136 O2 sensor circuit slow response (Bank 1 Sensor 2)
P0136 O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 2)
P0136 O2 sensor circuit malfunction (Bank 1 Sensor 2)
P0141 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 2)
P0141 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 2)
P0141 O2 Sensor Heater Circuit Open (Bank 1 Sensor 2)
P0141 O2 sensor heater circuit malfunction (Bank 1 Sensor 2)
P0150 O2 Sensor Circuit High Voltage (Bank 2 Sensor 1)
P0150 O2 Sensor Circuit Slow Response (Bank 2 Sensor 1)
P0150 O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 1)
P0150 O2 sensor circuit malfunction (Bank 2 Sensor 1)
P0155 O2 Sensor Heater Circuit High Voltage (Bank 2 Sensor 1)
P0155 O2 Sensor Heater Circuit Low Voltage (Bank 2 Sensor 1)
P0155 O2 Sensor Heater Circuit Open (Bank 2 Sensor 1)
P0155 O2 sensor heater circuit malfunction (Bank 2 Sensor 1)
P0156 O2 sensor circuit malfunction (Bank 2 Sensor 2)
P0156 O2 sensor circuit slow response (Bank 2 Sensor 2)
P0156 O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 2)
P0156 O2 sensor circuit malfunction (Bank 2 Sensor 2)
P0161 O2 Sensor Heater Circuit High Voltage (Bank 2 Sensor 2)
P0161 O2 Sensor Heater Circuit low Voltage (Bank 2 Sensor 2)
P0161 O2 Sensor Heater Circuit Open (Bank 2 Sensor 2)
P0161 O2 sensor heater circuit malfunction (Bank 2 Sensor 2)
P0170 Fuel trim malfunction (Bank 1)
P0173 Fuel trim malfunction (Bank 2)
P0201 Cylinder 1 injector circuit high
P0201 Cylinder 1 injector circuit low
P0201 Cylinder 1 Injector Circuit Open
P0202 Cylinder 2 injector circuit high
P0202 Cylinder 2 injector circuit low
P0202 Cylinder 2 Injector Circuit Open
P0203 Cylinder 3 injector circuit high
P0203 Cylinder 3 injector circuit low
P0203 Cylinder 3 Injector Circuit Open
P0204 Cylinder 4 injector circuit high
P0204 Cylinder 4 injector circuit low
P0204 Cylinder 4 Injector Circuit Open
P0205 Cylinder 5 injector circuit high
P0205 Cylinder 5 injector circuit low
P0205 Cylinder 5 Injector Circuit Open

P0206 Cylinder 6 injector circuit high
P0206 Cylinder 6 injector circuit low
P0206 Cylinder 6 Injector Circuit Open
P0219 Engine overspeed condition
P0220 Throttle/pedalPosition sensor/switch "B" circuit high input
P0220 Throttle/pedalPosition sensor/switch "B" circuit low input
P0220 Throttle/pedalPosition sensor/switch "B" circuit range/performanceProblem
P0230 FuelPumpPrimary Circuit High
P0230 FuelPumpPrimary Circuit Low
P0230 FuelPumpPrimary Circuit Open
P0300 Random/multiple cylinder misfire detected
P0301 Cylinder 1 Misfire Detected
P0302 Cylinder 2 Misfire Detected
P0303 Cylinder 3 Misfire Detected
P0304 Cylinder 4 Misfire Detected
P0305 Cylinder 5 Misfire Detected
P0306 Cylinder 6 Misfire Detected
P0325 Knock sensor 1 circuit high input (Bank 1 or single sensor)
P0325 Knock sensor 1 circuit low input (Bank 1 or single sensor)
P0330 Knock sensor 2 circuit high input (Bank 2)
P0330 Knock sensor 2 circuit low input (Bank 2)
P0335 CrankshaftPosition sensor "A" circuit malfunction
P0340 CamshaftPosition sensor circuit high input
P0340 CamshaftPosition Sensor Signal Missing
P0340 CamshaftPosition Sensor Circuit Range/Performance
P0340 CamshaftPosition sensor circuit low input
P0420 Catalyst System Efficiency Below Threshold (Bank 1)
P0430 Catalyst System Efficiency Below Threshold (Bank 2)
P0443 Evaporative emission control systemPurge control valve circuit shorted
P0443 Evaporative emission control systemPurge control valve circuit shorted
P0443 Evaporative emission control systemPurge control valve circuit open
P0443 Evaporative emission control system gross leak detected
P0460 Fuel Level Sensor Circuit High Input Instrument
P0460 Fuel Level Sensor Circuit Low Input Instrument
P0500 Vehicle speed sensor malfunctionB-009
P0505 Idle control system RPM higher than expected
P0505 Idle control system RPM lower than expected
P0560 System Voltage High Input
P0560 System Voltage Low Input
P0560 System voltage malfunction
P0571 Cruise control/brake switch "A" circuit malfunction
P0602 Control ModuleProgramming Error
P0602 Control ModuleProgram Version Error
P0602 Vehicle Identification Number NotProgrammed
P0602 Variant-Coding NotProgrammed
P0607 Knock Sensor Circuit
P0650 Malfunction Indicator (MI) Control Circuit High Instrument
P0650 Malfunction Indicator (MI) Control Circuit Low Instrument
P0650 Malfunction Indicator (MI) Control Circuit Open Instrument
P0700 Transmission control system range/performance
P0704 Clutch Switch Input Circuit Malfunction
P1110 Intake Manifold Valve 1 Voltage High
P1110 Intake Manifold Valve 1 Voltage Low
P1110 Intake Manifold Valve 1 Open
P1111 Intake Manifold Valve 2 Voltage High
P1111 Intake Manifold Valve 2 Voltage Low
P1111 Intake Manifold Valve 2 Open
P1120 AcceleratorPedalPosition Sensor 1 Incorrect Signal
P1120 AcceleratorPedalPosition Sensor 1 High Input
P1120 AcceleratorPedalPosition Sensor 1 Low Input
P1120 AcceleratorPedalPosition Sensor 1-2 Correlation
P1122 AcceleratorPedalPosition Sensor 2 High Input

P1122 AcceleratorPedalPosition Sensor 2 Low Input
P1122 AcceleratorPedalPosition Sensor 1-2 Correlation
P1300 EOBD Error Because Of Empty Fuel Tank Instrument
P1500 Electronic Throttle Control Motor Failure
P1523 Electronic Throttle Control Malfunction
P1526 Electronic Throttle Control Malfunction
P1530 A/C Relay Voltage HighB-021
P1530 A/C Relay Voltage LowB-021
P1530 A/C Relay Circuit OpenB-021
P1600 Reprogram or Replace Electronic Control Unit (ECU)
P1610 Security Code NotProgrammed Immobiliser
P1611 Wrong Security Code Entered Immobiliser
P1612 Immobiliser No Or Wrong Signal Immobiliser
P1613 Immobiliser No Or Wrong Signal Immobiliser
P1614 Wrong Transponder Key Immobiliser
P1614 Immobiliser Wrong Signal Received Immobiliser
P1614 Immobiliser NotProgrammed Immobiliser
P1650 Service Vehicle Soon Light Voltage High Instrument
P1650 Service Vehicle Soon Light Voltage Low Instrument
P1650 Service Vehicle Soon Light Circuit Open Instrument
P1700 Service Vehicle Soon Request from Transmission Control Module
P1845 Torque Control Voltage High
U2100 CAN-BUS Malfunction
U2101 CAN-BUS Max.- Config.- List notProgrammed
U2104 CAN-BUS Reset Counter Overrun
U2106 CAN-Bus no Communication with Transmission Control Module
U2108 CAN-BUS no Communication with ABS/TC

X20XE/X18XE Fault Codes

P0100 Mass Air Flow Sensor Voltage High C-09
P0100 Mass Air Flow Sensor Voltage Low C-09
P0110 Intake Air Temperature Voltage High C-11
P0110 Intake Air Temperature Voltage Low C-11
P0115 Coolant Temperature Voltage High C-10
P0115 Coolant Temperature Voltage Low C-10
P0120 Throttle Position Sensor (TPS) Voltage High C-08
P0120 Throttle Position Sensor (TPS) Voltage Low C-08
P0130 O2 Sensor Circuit Voltage High C-28
P0130 O2 Sensor Circuit Voltage Low C-28
P0130 O2 Sensor Range/Performance C-28
P0135 O2 Sensor Heating Voltage High C-27
P0135 O2 Sensor Heating Voltage Low C-27
P0170 O2 Sensor Rich Exhaust C-28
P0170 O2 Sensor Lean Exhaust C-28
P0201 Injector Valve 1 Voltage High C-19
P0201 Injector Valve 1 Voltage Low C-19
P0202 Injector Valve 2 Voltage High C-20
P0202 Injector Valve 2 Voltage Low C-20
P0203 Injector Valve 3 Voltage High C-21
P0203 Injector Valve 3 Voltage Low C-21
P0204 Injector Valve 4 Voltage High C-22
P0204 Injector Valve 4 Voltage Low C-22
P0230 Fuel Pump Relay Voltage High C-07
P0230 Fuel Pump Relay Voltage Low C-07
P0325 Knock Signal Voltage High C-23
P0325 Knock Signal No Signal C-23
P0335 Incorrect RPM Signal C-06
P0340 Camshaft Sensor Incorrect Signal C-15
P0351 Electronic Spark Timing (EST) Line Coil Cylinder 1+4 Voltage High C-17
P0351 Electronic Spark Timing (EST) Line Coil Cylinder 1+4 Voltage Low C-17
P0352 Electronic Spark Timing (EST) Line Coil Cylinder 2+3 Voltage High C-18
P0352 Electronic Spark Timing (EST) Line Coil Cylinder 2+3 Voltage Low C-18
P0403 Exhaust Gas Recirculation (EGR) Valve Voltage High C-25
P0403 Exhaust Gas Recirculation (EGR) Valve Voltage Low C-25
P0410 Secondary Air Pump Relay Voltage High C-24
P0410 Secondary Air Pump Relay Voltage Low C-24
P0443 Fuel Tank Ventilation Valve Voltage High C-26
P0443 Fuel Tank Ventilation Valve Voltage Low C-26
P0500 No Vehicle Speed Signal C-38
P0505 Idle Air Control Voltage High C-29
P0505 Idle Air Control Voltage Low C-29
P0560 Battery Voltage High C-04
P0560 Battery Voltage Low C-04
P0602 Control Module Programming Error C-02
P1110 Intake Manifold Valve 1 Voltage High C-30
P1110 Intake Manifold Valve 1 Voltage Low C-30
P1229 Power Supply Relay Primary Circuit Voltage High C-03
P1230 Power Supply Relay Secondary Circuit Voltage Low C-03
P1326 Knock Control Maximum Spark Limit Cylinder 1 C-23
P1327 Knock Control Maximum Spark Limit Cylinder 2 C-23
P1328 Knock Control Maximum Spark Limit Cylinder 3 C-23
P1329 Knock Control Maximum Spark Limit Cylinder 4 C-23
P1501 Immobiliser No or Wrong Coding C-05
P1502 Immobiliser No Signal C-05
P1503 Immobiliser Wrong Signal C-05
P1530 A/C Relay Voltage High C-34
P1530 A/C Relay Voltage Low C-34
P1600 Reprogram or Replace Electronic Control Unit (ECU) C-02
P1601 ECU Box Temperature High C-02
P1690 Telltale (Check Light) Voltage High C-37

P1690 Telltale (Check Light) Voltage Low C-37

P1740 Torque Control Voltage Low C-32

P1740 Continuous Torque Control C-32