

# Astra H FAULT CODES

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## Vehicle codes

B0132 Battery Voltage Low C-118  
B0132 Battery Voltage High C-118  
B0158 Outside Temperature Sensor Circuit Low Voltage DIS (Info Display) C-016  
B0158 Outside Temperature Sensor Circuit Open or High Voltage DIS (Info Display) C-016  
B0283 Rear Window Heating Circuit Malfunction Heating, Ventilation and Air Conditioning System B-016  
B1000 Replace Electronic Control Unit (ECU) - Hardware Failure C-002  
B1000 Replace Electronic Control Unit (ECU) - EEPROM Failure C-002  
B1000 Replace Electronic Control Unit (ECU) - Hardware Failure C-002  
B1000 ECU Malfunction C-002  
B1000 Replace Electronic Control Unit (ECU) C-002  
B1001 Programming Error Hard- and Software B-003  
B1001 Left Hand Drive/Right Hand Drive Configuration Error C-002  
B1001 Electronic Control Unit (ECU) Not Programmed Hard- and Software B-003  
B1001 Airbag Control Unit Not Locked Hard- and Software B-003  
B1001 Electronic Control Unit (ECU) Not Calibrated Hard- and Software B-003  
B1001 Variant Configuration Not Programmed Hard- and Software B-004  
B1001 Variant Coding Not Programmed Hard- and Software B-004  
B1001 Vehicle Identification Number Not Programmed Hard- and Software B-005  
B1001 Electronic Control Unit Not Programmed (ECU) Hard- and Software B-003  
B1001 Program Electronic Control Unit (ECU) Hard- and Software B-003  
B1006 Replace Electronic Control Unit (ECU) C-002  
B1009 Program Electronic Control Unit (ECU) Hard- and Software B-003  
B1016 Vehicle Identification Number Not Programmed Hard- and Software B-005  
B1019 Electronic Control Unit (ECU) In Delivery State Hard- and Software B-003  
B1325 System Voltage High Voltage B-003  
B1325 System Voltage Low Voltage B-003  
B1375 Switched System Voltage (Ignition ON) Not Plausible with CAN Signal B-005  
B1385 Terminal 15A Circuit Malfunction B-004  
B1390 Comfort Closing Circuit Low Voltage Power Window Lifter C-009  
B1395 Engine Running Signal Low Voltage EHPS (Electrohydraulic Power Steering) C-002  
B1420 Power Supply Circuit Low Voltage C-119  
B1420 Power Supply Circuit High Voltage C-119  
B1421 Power Supply Signal Range/Performance C-119  
B1428 Starter Relay Circuit Malfunction C-122  
B1441 Switched System Voltage (Ignition ON) Circuit High Voltage C-120

B1441 Switched System Voltage (Ignition ON) Circuit Low Voltage C-120  
B1451 Accessory Relay Circuit High Voltage C-109  
B1451 Accessory Relay Circuit High Voltage or Open Circuit C-109  
B1453 Switched System Voltage (Ignition ON) Circuit Low Voltage C-120  
B1453 Switched System Voltage (Ignition ON) Circuit High Voltage C-120  
B2961 Switch Position Ignition Key Circuit Malfunction C-002  
B3601 Key Capture Relay Circuit Malfunction AF 17-4 Electronic 4-Speed Automatic Transmission C-005  
B3644 Steering Wheel Remote Control Channel Up Switch Stuck EHU (Entertainment Head Unit) C-012  
B3644 Steering Wheel Remote Control Channel Up Switch Circuit Resistance Range/Performance EHU (Entertainment Head Unit) C-012  
B3645 Steering Wheel Channel Down Switch Stuck EHU (Entertainment Head Unit) C-012  
B3645 Steering Wheel Remote Control Channel Down Switch Circuit Resistance Range/Performance EHU (Entertainment Head Unit) C-012  
B3646 Steering Wheel Scroll Wheel Right Stuck EHU (Entertainment Head Unit) C-012  
B3646 Steering Wheel Scroll Wheel Right Circuit Open EHU (Entertainment Head Unit) C-012  
B3646 Steering Wheel Scroll Wheel Right Circuit Resistance Range/Performance EHU (Entertainment Head Unit) C-012  
B3647 Steering Wheel Remote Control Voice Control Switch Stuck EHU (Entertainment Head Unit) C-012  
B3647 Steering Wheel Remote Control Voice Control Switch Circuit Resistance Range/Performance EHU (Entertainment Head Unit) C-012  
B3648 Steering Wheel Remote Control Phone Switch Stuck EHU (Entertainment Head Unit) C-012  
B3648 Steering Wheel Remote Control Phone Switch Circuit Resistance Range/Performance EHU (Entertainment Head Unit) C-012  
B3649 Steering Wheel Scroll Wheel Left Circuit Open EHU (Entertainment Head Unit) C-012  
B3649 Steering Wheel Scroll Wheel Left Stuck EHU (Entertainment Head Unit) C-012  
B3649 Steering Wheel Scroll Wheel Left Circuit Resistance Range/Performance EHU (Entertainment Head Unit) C-012  
C0252 ECU in Delivery State or Defective ECU Hard- and Software B-003  
C0550 Electronic Control Unit Not Programmed (ECU) Hard- and Software B-003  
C0550 Wrong Variant Configuration Programmed or Defective ECU Hard- and Software B-003  
C0550 Replace Electronic Control Unit (ECU) C-002  
C0551 Variant Configuration Not Programmed Hard- and Software B-004  
C0551 Program Electronic Control Unit (ECU) Hard- and Software B-003  
C0551 Wrong Variant Configuration Programmed Hard- and Software B-004  
C0551 Variant Coding Not Programmed Hard- and Software B-004  
C0551 Vehicle Identification Number Not Programmed Hard- and Software B-005  
C0569 System Configuration Wrong Hard- and Software B-003  
C0800 System Voltage Low Voltage B-003  
C0800 System Voltage High Voltage B-003  
C0920 Electronic Control Unit (ECU) Not Programmed Hard- and Software B-003

C1523 System Voltage High Voltage C-108  
C1523 System Voltage Low Voltage C-108  
C1550 Replace Electronic Control Unit (ECU) C-002  
P0110 CAN-Bus No Communication with ECM (Engine Control Module) Vehicle Related Diagnostic Procedure B-019  
P0115 CAN-Bus No Communication with ECM (Engine Control Module) Vehicle Related Diagnostic Procedure B-019  
P0505 CAN-Bus No Communication with ECM (Engine Control Module) Vehicle Related Diagnostic Procedure B-019  
P0560 System Voltage High Voltage C-112  
P0560 System Voltage Low Voltage C-112  
P0560 System Voltage High Input C-113  
P0560 System Voltage Out Of Range C-113  
P0560 Battery Voltage Range/Performance C-112  
P0560 System Voltage Too High C-113  
P0560 System Voltage Malfunction C-113  
P0560 System Voltage Low Input C-113  
P0601 Replace Electronic Control Unit (ECU) C-002  
P0601 Reprogram or Replace Electronic Control Unit (ECU) Hard- and Software B-003  
P0602 Control Unit Not Programmed Hard- and Software B-003  
P0602 Variant Configuration Not Programmed Hard- and Software B-004  
P0602 Vehicle Identification Number Not Programmed Hard- and Software B-005  
P0602 Control Unit Programming Error Hard- and Software B-003  
P0602 Tyre circumference not programmed Hard- and Software B-003  
P0602 Security Code Not Programmed Hard- and Software B-003  
P0602 Program Electronic Control Unit (ECU) Hard- and Software B-003  
P0602 Injector Quantity Adjustment Not Programmed Hard- and Software B-015  
P0603 ECU EEPROM Error C-002  
P0603 Replace Electronic Control Unit (ECU) C-002  
P0604 Electronic Control Unit (ECU) Fault - Random Access Memory (RAM) C-002  
P0604 Replace Electronic Control Unit (ECU) C-002  
P0605 EPROM Failure C-002  
P0605 Replace Electronic Control Unit (ECU) C-002  
P0606 Replace Electronic Control Unit (ECU) C-002  
P0606 Capacitor Voltage 1 Low Voltage C-004  
P0606 Capacitor Voltage 1 High Voltage C-004  
P0606 Electronic Control Unit (ECU) - Malfunction C-002  
P0606 System Voltage High Input C-113  
P0606 Control Unit Re-Initialisation C-004  
P0610 Control Unit Programming Error Hard- and Software B-003  
P0615 Starter Relay Circuit Malfunction C-122  
P0615 Starter Relay Circuit High Voltage C-122  
P0615 Starter Relay Circuit Low Voltage C-122  
P0615 Starter Relay Circuit open C-122  
P0615 Starter Relay Powerstage High Temperature C-122  
P062F Control Unit Programming Error Hard- and Software B-003  
P062F Small Injection Quantity Learning Failed Hard- and Software B-003  
P062F Electronic Control Unit (ECU) - Malfunction C-002

P0631 Vehicle Identification Number Not Programmed Hard- and Software B-005  
P0650 CAN-Bus No Communication with CIM (Steering Column Module) C-003  
P0705 Replace Electronic Control Unit (ECU) C-002  
P0725 CAN-Bus No Communication with ECM (Engine Control Module) Vehicle Related Diagnostic Procedure B-019  
P0815 Steering Wheel Remote Control Shift Up Switch Stuck C-002  
P0815 Steering Wheel Remote Control Shift Up Switch Circuit Resistance Range/Performance MTA (Easytronic) (F13-5MTA/F17-5MTA) B-030  
P0816 Steering Wheel Remote Control Shift Down Switch Stuck C-002  
P0816 Steering Wheel Remote Control Shift Down Switch Circuit Resistance Range/Performance MTA (Easytronic) (F13-5MTA/F17-5MTA) B-030  
P1120 CAN-Bus No Communication with ECM (Engine Control Module) Vehicle Related Diagnostic Procedure B-019  
P1560 Switched System Voltage (Ignition ON) Signal Malfunction (CAN) C-112  
P1561 System Voltage High Voltage C-112  
P1561 System Voltage Low Voltage C-112  
P1562 Replace Electronic Control Unit (ECU) C-002  
P1564 System Voltage Low Voltage C-112  
P1600 Reprogram or Replace Electronic Control Unit (ECU) Hard- and Software B-003  
P1600 Replace Electronic Control Unit (ECU) C-002  
P1602 Reprogram or Replace Electronic Control Unit (ECU) Hard- and Software B-003  
P1602 Control Unit Programming Error Hard- and Software B-003  
P1602 Fuel Pump Fuel Quantity Adjustment Not Learned Hard- and Software B-003  
P1602 Small Injection Quantity not Learned Hard- and Software B-003  
P1602 Variant Configuration Not Programmed Hard- and Software B-003  
P1602 Top Speed not Programmed Hard- and Software B-003  
P1603 Replace Electronic Control Unit (ECU) C-002  
P1604 Replace Electronic Control Unit (ECU) C-004  
P1606 Replace Electronic Control Unit (ECU) C-002  
P1622 Replace Electronic Control Unit (ECU) C-002  
P165A Replace Electronic Control Unit (ECU) C-002  
P1703 Brake Light Switch Signal CAN-Bus Malfunction C-003  
P1711 Front Left Wheel Speed Sensor Signal Malfunction (CAN) C-003  
P1712 Front Right Wheel Speed Sensor Signal Malfunction (CAN) C-003  
P1739 Replace Electronic Control Unit (ECU) C-002  
P1740 Replace Electronic Control Unit (ECU) C-002  
P1895 CAN-Bus No Communication with ECM (Engine Control Module) Vehicle Related Diagnostic Procedure B-019  
P1896 CAN-Bus No Communication with ECM (Engine Control Module) Vehicle Related Diagnostic Procedure B-019  
P2638 Replace Electronic Control Unit (ECU) C-002  
U0001 CAN-Bus Maximum Configuration List not Programmed Hard- and Software B-003  
U0009 CAN-Bus Node no Communication C-005  
U0101 CAN-Bus no Communication with Transmission Control Module C-003  
U0121 CAN-Bus no Communication with ABS/TC C-003  
U0140 CAN-Bus No Communication with CIM (Steering Column Module) C-003  
U2100 CAN-Bus (Mid Speed) Communication Malfunction C-005

U2100 No Communication with CAN-Bus (Mid Speed) C-005  
U2100 CAN-Bus Malfunction C-005  
U2100 CAN-Bus Communication Malfunction C-005  
U2100 CAN Bus Communication Error C-005  
U2100 No Communication with CAN-Bus (High Speed) C-005  
U2100 No Communication with CAN-Bus (Low Speed) C-005  
U2101 CAN-Bus Maximum Configuration List not Programmed Hard- and Software B-003  
U2101 CAN-Bus (Mid Speed) Maximum Configuration List Not Programmed Hard- and Software B-003  
U2101 CAN-Bus (High Speed) Maximum Configuration List Not Programmed Hard- and Software B-003  
U2101 CAN-Bus (Low Speed) Maximum Configuration List Not Programmed Hard- and Software B-003  
U2102 CAN-Bus (Mid Speed) Maximum Configuration List not Complete Hard- and Software B-003  
U2103 CAN-Bus Reset Counter Overrun C-005  
U2103 No Communication with CAN-Bus (High Speed) C-005  
U2103 CAN-Bus Circuit Malfunction C-005  
U2103 CAN-Bus Node no Communication C-005  
U2103 No Communication with CAN-Bus (Low Speed) C-005  
U2104 CAN-Bus (High Speed) Reset Counter Overrun C-005  
U2104 CAN-Bus reset counter overrun C-005  
U2104 CAN-Bus Reset Counter Overrun C-005  
U2104 CAN-Bus (Mid Speed) Reset Counter Overrun C-005  
U2105 CAN-Bus no Communication with ECM (Engine Control Module) Vehicle Related Diagnostic Procedure B-019  
U2105 CAN-Bus No Communication with ECM (Engine Control Module) Vehicle Related Diagnostic Procedure B-019  
U2106 CAN-Bus no Communication with Transmission Control Module C-003  
U2106 CAN-Bus No Communication with TCM (Transmission Control Module) C-003  
U2107 CAN-Bus No Communication with IPC (Instrument) C-003  
U2108 CAN-Bus no Communication with ABS/TC C-003  
U2108 CAN-Bus No Communication with ABS (Anti-Lock Brake System) C-003  
U2108 Reprogram or Replace Electronic Control Unit (ECU) Hard- and Software B-003  
U2110 CAN-Bus no Communication with ABS/ESP C-003  
U2111 CAN-Bus No Communication with EPS (Electrical Power Steering) C-003  
U2112 CAN-Bus No Communication with SADS (Semi Active Damping System) C-003  
U2112 CAN-Bus No Communication with CDC(Continuous Damping Control) C-003  
U2113 CAN-Bus No Communication with SDM (Sensing & Diagnostic Module, Airbag) C-003  
U2113 CAN-Bus No Communication with SDM (Airbag) C-003  
U2116 CAN-Bus No Communication with IPC (Instrument) C-003  
U2116 CAN-BUS No Communication with IPC (Instrument) C-003  
U2117 CAN-Bus no Communication with Info-Display C-121  
U2117 CAN-Bus No Communication with DIS (Display) C-121  
U2120 CAN-Bus No Communication with AHL (Headlamp Levelling Device) C-003  
U2127 CAN-Bus No Communication with ECC (Electronic Climate Control) C-003

U2139 CAN-Bus No Communication with CIM (Steering Column Module) C-003  
U2140 CAN-Bus No Communication with CIM (Steering Column Module) C-003  
U2140 CAN-Bus No Communication with UEC (Underhood Electrical Centre) C-003  
U2141 CAN-Bus No Communication with REC (Rear Electrical Centre) C-003  
U2143 CAN-Bus No Communication with SAS (Steering Angle Sensor) C-003  
U2144 CAN-BUS No Communication with ACC (Adaptive Cruise Control) C-003  
U2145 CAN-Bus No Communication with PAS (Park Pilot) C-003  
U2146 CAN-Bus No Communication with SLM (Shift Lever Module) C-003  
U2147 CAN-Bus No Communication with AHS (Add On Heater) C-003  
U2149 CAN-Bus No Communication with TPMS (Tyre Pressure Monitoring System) C-003  
U2173 CAN-Bus No Communication with PEPS(Open&Start) C-003  
U2174 CAN-Bus No Communication with EHS (Electrical Heater System) C-003  
U2174 CAN-Bus No Communication with AHS (Add On Heater) C-003  
U2181 CAN-Bus No Communication with Electrohydraulic Hardtop C-003  
U2201 CAN-Bus No Communication with EHU (Entertainment Head Unit) C-003  
U2202 CAN-Bus No Communication with CDC (CD-Changer) C-003  
U2206 CAN-Bus No Communication with DIS (Display) C-003  
U2207 CAN-Bus No Communication with UHP(Mobile Phone Portal) C-003  
U2208 CAN-Bus No Communication with ECC (Electronic Climate Control) C-003  
U2213 CAN-Bus No Communication with DAB (Digital Audio Broadcast) C-003  
U2215 Replace Electronic Control

## **Engine Codes Z19DT Z19DTJ Z19DTH**

P0001 Fuel Metering Solenoid Valve Circuit High Voltage C-021  
P0001 Fuel Metering Solenoid Valve Circuit Low Voltage C-021  
P0001 Rail Pressure Low Pressure B-029  
P0001 Rail Pressure High Pressure B-029  
P0001 Fuel Metering Solenoid Valve Circuit Open C-021  
P0001 Fuel Metering Solenoid Valve Powerstage High Temperature C-021  
P0002 Rail Pressure Control Range/Performance B-029  
P0002 Fuel Metering Solenoid Valve Circuit Range/Performance B-029  
P0003 Fuel Metering Solenoid Valve Circuit Low Voltage C-021  
P0004 Fuel Metering Solenoid Valve Circuit High Voltage C-021  
P0016 Crankshaft/Camshaft Correlation B-018  
P0030 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 1) C-029  
P0030 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 1) B-025  
P0030 O2 Sensor Heater Circuit Open (Bank 1 Sensor 1) B-025  
P0030 O2 Sensor Heater Circuit Range/Performance (Bank 1 Sensor 1) B-030  
P0030 O2 Sensor Heater Powerstage High Temperature (Bank 1 Sensor 1) C-029  
P0070 Ambient Air Temperature Sensor Malfunction B-016  
P0070 Ambient Air Temperature Low Input B-016  
P0070 Ambient Air Temperature High Input B-016  
P0087 Rail Pressure Low Pressure B-029  
P0088 Rail Pressure High Pressure B-029  
P0090 Rail Pressure Control Solenoid Valve Circuit Range/Performance (Negative Deviation) B-043  
P0090 Rail Pressure Control Solenoid Valve Circuit Range/Performance (Positive Deviation) B-043  
P0100 Mass Or Volume Air Flow Circuit High Input B-032  
P0100 Mass Or Volume Air Flow Circuit Low Input B-028  
P0100 Mass or Volume Air Flow Sensor Circuit Range/Performance B-037  
P0100 Mass Or Volume Air Flow Circuit Malfunction C-012  
P0100 Intake Air Temperature Sensor Circuit High Input C-013  
P0100 Intake Air Temperature Sensor Circuit Low Input C-013  
P0100 Intake Air Temperature Sensor Circuit Malfunction C-013  
P0105 Boost Pressure Sensor Circuit High Input C-011  
P0105 Boost Pressure Sensor Circuit Low Input C-011  
P0105 Boost Pressure Sensor Circuit, Signal not plausible with Mass Air Flow Sensor C-011  
P0105 Barometric Pressure not plausible with Boost Pressure B-047  
P0110 Intake Air Temperature Sensor Circuit High Input C-014  
P0110 Intake Air Temperature Sensor Circuit Low Input C-014  
P0110 Intake Air Temperature Voltage High C-014  
P0110 Intake Air Temperature Voltage Low C-014  
P0110 Charge Air Temperature Sensor High Input C-014  
P0110 Charge Air Temperature Sensor Low Input C-014  
P0115 Engine Coolant Temperature Circuit High Input Engine Cooling C-001  
P0115 Engine Coolant Temperature Sensor Circuit Range/Performance Engine Cooling C-

001

P0115 Engine Coolant Temperature Circuit Low Input Engine Cooling C-001  
P0115 Engine Coolant Temperature Incorrect Signal Engine Cooling C-001  
P0115 Engine Coolant Temperature not Plausible with Engine Oil Temperature Engine Cooling C-001  
P0130 O2 Sensor Circuit High Voltage (Bank 1 Sensor 1) B-030  
P0130 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1) B-030  
P0130 O2 Sensor Circuit Malfunction (Bank 1 Sensor 1) C-028  
P0130 O2 Sensor - System Too Rich (Bank 1) B-030  
P0130 O2 Sensor - System Too Lean (Bank 1) B-030  
P0130 O2 Sensor Circuit (Bank 1 Sensor 1) C-001  
P0130 O2 Sensor Circuit Range/Performance (Bank 1 Sensor 1) B-030  
P0168 Fuel Reduction caused by High Fuel Temperature B-049  
P0180 Fuel Temperature Sensor Circuit High Input C-015  
P0180 Fuel Temperature Sensor Circuit Low Input C-015  
P0190 Rail Pressure Sensor High Voltage C-020  
P0190 Rail Pressure Sensor Low Voltage C-020  
P0190 Rail Pressure Range/Performance C-020  
P0201 Cylinder 1 Injector Circuit Low B-034  
P0201 Cylinder 1 Injector Circuit Open B-034  
P0201 Cylinder 1 Injector Short Circuit B-034  
P0201 Cylinder 1 - Injector Circuit Malfunction B-034  
P0202 Cylinder 2 Injector Circuit Low B-034  
P0202 Cylinder 2 Injector Circuit Open B-034  
P0202 Cylinder 2 Injector Short Circuit B-034  
P0202 Cylinder 2 - Injector Circuit Malfunction B-034  
P0203 Cylinder 3 Injector Circuit Low B-034  
P0203 Cylinder 3 Injector Short Circuit B-034  
P0203 Cylinder 3 Injector Circuit Open B-034  
P0203 Cylinder 3 - Injector Circuit Malfunction B-034  
P0204 Cylinder 4 Injector Circuit Low B-034  
P0204 Cylinder 4 Injector Short Circuit B-034  
P0204 Cylinder 4 Injector Circuit Open B-034  
P0204 Cylinder 4 - Injector Circuit Malfunction B-034  
P0217 Engine Overtemperature Condition Engine Cooling B-007  
P0219 Engine Overspeed Condition C-009  
P0230 Fuel Pump Primary Circuit High C-004  
P0230 Fuel Pump Primary Circuit Low B-027  
P0230 Fuel Pump Primary Circuit Open B-027  
P0230 Fuel Pump Circuit High Temperature C-004  
P0234 Boost Pressure Control Circuit Negative Deviation B-045  
P0234 Boost Pressure Control Circuit Positive Deviation B-045  
P0243 Boost Pressure Valve High Voltage C-016  
P0243 Boost Pressure Valve Low Voltage B-021  
P0243 Boost Pressure Valve Circuit Open B-021  
P0243 Boost Pressure Valve Powerstage High Temperature C-016  
P0262 Cylinder 1 Injector Circuit High C-023  
P0265 Cylinder 2 Injector Circuit High C-024



P0268 Cylinder 3 Injector Circuit High C-025  
P0271 Cylinder 4 Injector Circuit High C-026  
P0335 Crankshaft Position Sensor "A" Circuit Range/Performance B-048  
P0335 Crankshaft Position Sensor "A" Circuit Open C-009  
P0340 Camshaft Position Sensor Circuit Open C-010  
P0340 Camshaft Position Sensor Circuit Range/Performance B-018  
P0380 Glow Device Circuit High Voltage C-033  
P0380 Glow Device Circuit Low Voltage B-020  
P0380 Glow Device Circuit Open Circuit C-033  
P0380 Glow Device General Error C-033  
P0380 Glow Device Powerstage High Temperature C-033  
P0400 Exhaust Gas Recirculation Circuit High Voltage C-017  
P0400 Exhaust Gas Recirculation Circuit Low Voltage B-023  
P0400 Exhaust Gas Recirculation Circuit Open B-023  
P0400 Exhaust Gas Recirculation Valve Powerstage High Temperature C-017  
P0400 Exhaust Gas Recirculation Flow Excessive Detected B-044  
P0400 Exhaust Gas Recirculation Flow Insufficient Detected B-036  
P0425 Exhaust Gas Temperature Sensor High Voltage (Bank 1 Sensor 1) C-030  
P0425 Exhaust Gas Temperature Sensor Low Voltage (Bank 1 Sensor 1) C-030  
P0425 Exhaust Gas Temperature Sensor 1 High Temperature C-030  
P0425 Exhaust Gas Temperature Sensor 1 Low Temperature C-030  
P0425 Exhaust Gas Temperature Sensor 1 Temperature not Plausible C-030  
P042A Exhaust Gas Temperature Sensor 2 High Voltage C-031  
P042A Exhaust Gas Temperature Sensor 2 Low Voltage C-031  
P042A Exhaust Gas Temperature Sensor 2 High Temperature C-031  
P042A Exhaust Gas Temperature Sensor 2 Low Temperature C-031  
P042A Exhaust Gas Temperature Sensor 1 + 2 not Plausible C-031  
P0460 Fuel Level Sensor Circuit Range/Performance IPC (Instrument) B-013  
P0500 Vehicle Speed Signal Range/Performance B-051  
P0500 Vehicle Speed Sensor Circuit Incorrect Signal B-051  
P0500 Vehicle Speed Signal Malfunction (CAN) B-051  
P0500 Vehicle Speed Signal not plausible with Engine Speed and Injection Mass B-050  
P0520 Engine Oil Pressure Sensor/Switch Circuit Open IPC (Instrument) C-018  
P0530 A/C Pressure Sensor Circuit Low Input Heating, Ventilation and Air Conditioning System C-009  
P0530 A/C Pressure Sensor Circuit High Input Heating, Ventilation and Air Conditioning System C-009  
P0530 A/C Pressure Sensor Malfunction Heating, Ventilation and Air Conditioning System C-009  
P0571 Brake Light Switch Circuit Incorrect Signal Exterior Lighting/Turn Indicator System B-014  
P0571 Brake Light Switch Circuit High Input Exterior Lighting/Turn Indicator System B-014  
P0571 Brake Light Switch Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P0620 Generator Lamp "L" Control Circuit Malfunction IPC (Instrument) C-021  
P0621 Generator Lamp "L" Control Circuit Malfunction IPC (Instrument) C-021  
P0622 Generator Field "F" Control Circuit Malfunction IPC (Instrument) C-021

P0638 Electronic Throttle Control High Voltage C-019  
P0638 Electronic Throttle Control Low Voltage B-022  
P0638 Electronic Throttle Control Circuit open B-022  
P0638 Electronic Throttle Control Powerstage High Temperature C-019  
P0641 5V Reference Circuit 1 High Voltage C-005  
P0641 5V Reference Circuit 1 Low Voltage C-005  
P0645 A/C Relay Voltage High Heating, Ventilation and Air Conditioning System B-017  
P0645 A/C Relay Voltage Low Heating, Ventilation and Air Conditioning System B-017  
P0645 A/C Relay Circuit Open Heating, Ventilation and Air Conditioning System B-017  
P0645 A/C Relay Powerstage High Temperature Heating, Ventilation and Air Conditioning System B-017  
P0651 5V Reference Circuit 2 High Voltage C-006  
P0651 5V Reference Circuit 2 Low Voltage C-006  
P0660 Swirl Level Control Solenoid Valve High Voltage C-018  
P0660 Swirl Level Control Solenoid Valve Low Voltage B-024  
P0660 Swirl Level Control Solenoid Valve Circuit Open B-024  
P0660 Swirl Level Control Solenoid Powerstage High Temperature C-018  
P0697 5V Reference Circuit 3 High Voltage C-007  
P0697 5V Reference Circuit 3 Low Voltage C-007  
P0700 Malfunction Indicator (MI) Request from Transmission Control Module (TCM) Range/Perform. AF 40-6 Electronic 6-Speed Automatic Transmission B-029  
P0703 Brake Switch Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P0704 Clutch Switch Input Circuit Malfunction CRC (Electronic Cruise Control) B-010  
P0960 Rail Pressure Control Solenoid Valve Circuit High Voltage C-022  
P0960 Rail Pressure Control Solenoid Valve Circuit Low Voltage C-022  
P0960 Rail Pressure Control Solenoid Valve Circuit Open C-022  
P0960 Rail Pressure Control Solenoid Valve Powerstage High Temperature C-022  
P0961 Rail Pressure Control Solenoid Valve Range/Performance C-022  
P1105 Barometric Pressure Sensor Circuit High Input C-002  
P1105 Barometric Pressure Sensor Circuit Low Input C-002  
P1105 Barometric Pressure not plausible with Boost Pressure B-047  
P1109 Swirl Actuator Malfunction B-033  
P1109 Swirl Actuator Supply Voltage Range/Performance B-033  
P1109 Swirl Actuator Feedback Circuit High Voltage B-033  
P1109 Swirl Actuator Feedback Circuit Low Voltage B-033  
P1109 Swirl Actuator Feedback Signal Malfunction B-033  
P1109 Swirl Actuator Feedback Signal Range/Performance B-033  
P1109 Swirl Actuator Feedback Powerstage High Temperature B-033  
P1110 Swirl Actuator High Voltage C-018  
P1110 Swirl Actuator Low Voltage B-024  
P1110 Swirl Actuator Circuit Open B-024  
P1110 Swirl Actuator Powerstage High Temperature C-018  
P1120 Accelerator Pedal Position Sensor 1 High Input C-008  
P1120 Accelerator Pedal Position Sensor 1 Low Input C-008  
P1120 Accelerator Pedal Position Sensor 1 Range/Performance C-008  
P1120 Accelerator Pedal Position Sensor 1 and 2 Signal Incorrect Ratio C-008  
P1122 Accelerator Pedal Position Sensor 2 High Input C-008  
P1122 Accelerator Pedal Position Sensor 2 Low Input C-008

P1122 Accelerator Pedal Position Sensor 2 Range/Performance C-008  
P1122 Accelerator Pedal Position Sensor 1 and 2 Signal Incorrect Ratio C-008  
P1125 Throttle Actuator Supply Voltage Low Voltage C-019  
P1125 Throttle Actuator Feedback Circuit Malfunction C-019  
P1125 Throttle Actuator Malfunction C-019  
P1125 Throttle Actuator Feedback Signal Range/Performance C-019  
P1125 Throttle Actuator Feedback Powerstage High Temperature C-019  
P1180 Fuel Filter Heater High Voltage C-035  
P1180 Fuel Filter Heater Low Voltage B-019  
P1180 Fuel Filter Heater Circuit Open C-035  
P1180 Fuel Filter Heater Powerstage High Temperature C-035  
P1481 Fan Control 1 Circuit High Voltage Engine Cooling B-004  
P1481 Fan Control 1 Circuit Low Voltage Engine Cooling B-004  
P1481 Fan Control 1 Circuit Open Engine Cooling C-003  
P1481 Fan Control 1 Powerstage High Temperature Engine Cooling C-003  
P1482 Fan Control 2 Circuit High Voltage Engine Cooling B-004  
P1482 Fan Control 2 Circuit Low Voltage Engine Cooling B-004  
P1482 Fan Control 2 Circuit Open Engine Cooling C-003  
P1482 Fan Control 2 Powerstage High Temperature Engine Cooling C-003  
P1483 Fan Control 3 Circuit High Voltage Engine Cooling B-004  
P1483 Fan Control 3 Circuit Low Voltage Engine Cooling B-004  
P1483 Fan Control 3 Circuit Open Engine Cooling C-003  
P1483 Fan Control 3 Powerstage High Temperature Engine Cooling C-003  
P1530 A/C Relay Voltage High Heating, Ventilation and Air Conditioning System B-017  
P1530 A/C Relay Voltage Low Heating, Ventilation and Air Conditioning System B-017  
P1530 A/C Relay Powerstage High Temperature Heating, Ventilation and Air Conditioning System B-017  
P1530 A/C Relay Circuit Open Heating, Ventilation and Air Conditioning System B-017  
P1560 System Voltage Malfunction Power Supply and Communication C-113  
P1571 Brake Switch Circuit High Voltage Exterior Lighting/Turn Indicator System B-014  
P1571 Brake Switch Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P1610 Immobiliser Function not Programmed Immobiliser B-015  
P1610 Immobiliser Malfunction Immobiliser B-009  
P1611 Wrong Security Code Entered Immobiliser B-015  
P1613 Immobiliser No Or Wrong Signal Immobiliser B-008  
P1614 Immobiliser Wrong Signal Received Immobiliser B-008  
P1614 Wrong Transponder Key Immobiliser B-006  
P1615 ECM (Engine Control Module) Identification Failed Immobiliser B-006  
P1616 CIM (Steering Column Module) Wrong Environment Identifier Immobiliser B-006  
P1625 Main Relay opens too early B-048  
P1625 Main Relay opens too late C-003  
P1700 Service Vehicle Soon Request from Transmission Control Module AF 40-6 Electronic 6-Speed Automatic Transmission B-029  
P1810 Fuel-Injection Quantity Malfunction B-029  
P1811 Torque Signal Malfunction (CAN) ABS/TC/ESP (Vehicle Dynamic System) B-018  
P1813 Invalid Signal from TCM (Transmission Control Module) AF 40-6 Electronic 6-Speed Automatic Transmission B-029  
P1815 Cruise Control Interface Malfunction CRC (Electronic Cruise Control) B-009

P1895 Limp home - Limited Performance B-049  
P1900 Exhaust Gas Temperature Sensor (Bank 1 Sensor 1) not plausible with Intake Air Temperature C-030  
P1900 Exhaust Gas Temperature Sensor (Bank 1 Sensor 2) not plausible with Intake Air Temperature C-031  
P1900 Particulate Filter Regeneration Cycle Interrupted Several Times B-031  
P1900 Exhaust Gas Temperature Sensor High Temperature (Bank 1 Sensor 1) C-030  
P1900 Exhaust Gas Temperature Sensor Low Temperature (Bank 1 Sensor 1) C-030  
P1900 Exhaust Gas Temperature Sensor High Temperature (Bank 1 Sensor 2) C-031  
P1900 Exhaust Gas Temperature Sensor Low Temperature (Bank 1 Sensor 2) C-031  
P1901 Particulate Filter Pressure Sensor High Voltage C-032  
P1901 Particulate Filter Pressure Sensor Low Voltage C-032  
P1901 Particulate Filter Pressure Sensor Hose Line Malfunction B-031  
P1901 Particulate Filter Pressure Sensor High Differential Pressure B-031  
P1901 Particulate Filter Pressure Sensor Low Differential Pressure B-031  
P1901 Particulate Filter Pressure Sensor Pressure not Plausible with Barometric Pressure B-031  
P1901 Particulate Filter Pressure Sensor High Pressure C-032  
P1901 Particulate Filter Pressure Sensor Low Pressure B-031  
P1902 Exhaust Gas Temperature Sensor High Voltage (Bank 1 Sensor 2) C-031  
P1902 Exhaust Gas Temperature Sensor Low Voltage (Bank 1 Sensor 2) C-031  
P2002 Particulate Filter Regeneration Not Completed B-031  
P2075 Swirl Level Sensor Circuit Voltage Range/Performance B-024  
P2075 Swirl Level Sensor Circuit Frequency Range/Performance C-018  
P2075 Swirl Level Sensor Malfunction C-018  
P2075 Swirl Level Sensor Circuit Open or High Voltage C-018  
P2075 Swirl Level Sensor Circuit Low Voltage B-024  
P2075 Swirl Level Sensor Circuit Range/Performance C-018  
P2075 Swirl Level Control Solenoid Valve Stuck B-033  
P2075 Swirl Level Control Solenoid Valve Frequency Range/Performance C-018  
P2075 Swirl Level Control Solenoid Powerstage High Temperature C-018  
P2146 Cylinder 1 + 4 Injector Circuit Voltage Range/Performance C-027  
P2146 Cylinder 1 + 4 Injector Circuit Low Voltage C-027  
P2146 Cylinder 1 + 4 Injector Circuit High Voltage C-027  
P2146 Cylinder 1 + 4 Injector Circuit Open C-027  
P2146 Injector 1 or 4 Circuit Open C-027  
P2147 Injector 1 or 4 Short Circuit C-027  
P2147 Injector 1 or 4 Malfunction C-027  
P2149 Cylinder 2 + 3 Injector Circuit Voltage Range/Performance C-027  
P2149 Cylinder 2 + 3 Injector Circuit Low Voltage C-027  
P2149 Cylinder 2 + 3 Injector Circuit High Voltage C-027  
P2149 Cylinder 2 + 3 Injector Circuit Open C-027  
P2149 Injector 2 or 3 Circuit Open C-027  
P2150 Injector 2 or 3 Short Circuit C-027  
P2150 Injector 2 or 3 Malfunction C-027  
P2226 Barometric Pressure Sensor Circuit High Input C-002  
P2226 Barometric Pressure Sensor Circuit Low Input C-002  
P2226 Barometric Pressure Sensor Circuit Malfunction C-002

P2226 Barometric Pressure Sensor Range/Performance C-002  
P2237 O2 Sensor Pump Current Circuit High Voltage (Bank 1 Sensor 1) C-028  
P2237 O2 Sensor Pump Current Circuit Low Voltage (Bank 1 Sensor 1) C-028  
P2237 O2 Sensor Pump Current Circuit Open (Bank 1 Sensor 1) C-028  
P2244 O2 Sensor Reference Cell Circuit High Voltage (Bank 1 Sensor 1) C-028  
P2244 O2 Sensor Reference Cell Circuit Low Voltage (Bank 1 Sensor 1) C-028  
P2244 O2 Sensor Reference Cell Circuit Open (Bank 1 Sensor 1) C-028  
P2251 O2 Sensor Ground Circuit High Voltage (Bank 1 Sensor 1) C-028  
P2251 O2 Sensor Ground Circuit Low Voltage (Bank 1 Sensor 1) C-028  
P2251 O2 Sensor Ground Circuit Open (Bank 1 Sensor 1) C-028  
P2264 "Water In Fuel" Sensor Circuit Malfunction B-017  
P2279 Intake Air System Leak Detected B-035  
P242F Particulate Filter Pressure Sensor Range/Performance B-031  
P2452 Particulate Filter Pressure Sensor High Voltage C-032  
P2452 Particulate Filter Pressure Sensor Low Voltage C-032  
P2452 Particulate Filter Pressure Sensor Pressure not Plausible with Barometric Pressure  
B-031  
P2452 Particulate Filter Pressure Sensor Hose Line Malfunction B-031  
U2139 Invalid Signal from CIM (Steering Column Module) C-001

## **Z17DTL Z17DTH**

P0001 Fuel Metering Solenoid Valve Circuit Open C-017  
P0001 Fuel Metering Solenoid Valve Powerstage High Temperature C-017  
P0002 Fuel Metering Solenoid Valve Circuit Range/Performance B-027  
P0003 Fuel Metering Solenoid Valve Circuit Low Voltage C-017  
P0004 Fuel Metering Solenoid Valve Circuit High Voltage C-017  
P0016 Crankshaft/Camshaft Correlation B-032  
P0070 Ambient Air Temperature Sensor Malfunction B-017  
P0087 Rail Pressure Low Pressure B-027  
P0088 Rail Pressure High Pressure B-027  
P0100 Mass Or Volume Air Flow Circuit Malfunction C-011  
P0100 Mass Or Volume Air Flow Circuit High Input B-020  
P0100 Mass Or Volume Air Flow Circuit Low Input B-020  
P0100 Mass or Volume Air Flow Sensor Circuit Range/Performance C-011  
P0100 Intake Air Temperature Sensor Circuit Low Input C-010  
P0100 Intake Air Temperature Sensor Circuit High Input C-010  
P0100 Intake Air Temperature Sensor Circuit Malfunction C-010  
P0105 Boost Pressure Sensor Circuit Low Input C-012  
P0105 Boost Pressure Sensor Circuit High Input C-012  
P0105 Barometric Pressure not plausible with Boost Pressure B-025  
P0115 Engine Coolant Temperature Circuit Low Input Engine Cooling B-010  
P0115 Engine Coolant Temperature Circuit High Input Engine Cooling B-010  
P0115 Engine Coolant Temperature Sensor Circuit Range/Performance Engine Cooling B-010  
P0190 Rail Pressure Sensor Low Voltage C-016  
P0190 Rail Pressure Sensor High Voltage C-016  
P0201 Cylinder 1 Injector Circuit Open C-019  
P0202 Cylinder 2 Injector Circuit Open C-020  
P0203 Cylinder 3 Injector Circuit Open C-021  
P0204 Cylinder 4 Injector Circuit Open C-022  
P0219 Engine Overspeed Condition C-007  
P0234 Boost Pressure Control Circuit Negative Deviation B-021  
P0234 Boost Pressure Control Circuit Positive Deviation B-021  
P0243 Boost Pressure Valve High Voltage C-013  
P0243 Boost Pressure Valve Low Voltage C-013  
P0243 Boost Pressure Valve Circuit Open C-013  
P0243 Boost Pressure Valve Powerstage High Temperature C-013  
P0262 Cylinder 1 Injector Circuit High C-019  
P0265 Cylinder 2 Injector Circuit High C-020  
P0268 Cylinder 3 Injector Circuit High C-021  
P0271 Cylinder 4 Injector Circuit High C-022  
P0335 Crankshaft Position Sensor "A" Circuit Range/Performance C-007  
P0335 Crankshaft Position Sensor "A" Circuit Open C-007  
P0340 Camshaft Position Sensor Circuit Range/Performance C-008  
P0340 Camshaft Position Sensor Circuit Open C-008  
P0380 Glow Device Circuit High Voltage B-035

P0380 Glow Device Circuit Low Voltage B-035  
P0380 Glow Device Circuit Open Circuit B-035  
P0380 Glow Device General Error B-035  
P0380 Glow Device Powerstage High Temperature C-025  
P0400 Exhaust Gas Recirculation Circuit High Voltage B-033  
P0400 Exhaust Gas Recirculation Circuit Low Voltage B-033  
P0400 Exhaust Gas Recirculation Circuit Open B-033  
P0400 Exhaust Gas Recirculation Flow Insufficient Detected B-030  
P0400 Exhaust Gas Recirculation Flow Excessive Detected B-030  
P0400 Exhaust Gas Recirculation Valve Powerstage High Temperature C-023  
P0500 Vehicle Speed Signal not plausible with Engine Speed and Injection Mass B-031  
P0500 Vehicle Speed Signal Range/Performance ABS/TC/ESP (Vehicle Dynamic System) B-011  
P0530 A/C Pressure Sensor Circuit Low Input Heating, Ventilation and Air Conditioning System C-009  
P0530 A/C Pressure Sensor Circuit High Input Heating, Ventilation and Air Conditioning System C-009  
P0620 Generator Lamp "L" Control Circuit Malfunction IPC (Instrument) C-021  
P0621 Generator Lamp "L" Control Circuit Malfunction IPC (Instrument) C-021  
P0622 Generator Field "F" Control Circuit Malfunction C-030  
P0638 Electronic Throttle Control High Voltage C-014  
P0638 Electronic Throttle Control Low Voltage C-014  
P0638 Electronic Throttle Control Circuit open C-014  
P0638 Electronic Throttle Control Powerstage High Temperature C-014  
P0641 5V Reference Circuit 1 Low Voltage C-004  
P0641 5V Reference Circuit 1 High Voltage C-004  
P0651 5V Reference Circuit 2 Low Voltage C-005  
P0651 5V Reference Circuit 2 High Voltage C-005  
P0697 5V Reference Circuit 3 Low Voltage C-006  
P0697 5V Reference Circuit 3 High Voltage C-006  
P0703 Brake Switch Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P0704 Clutch Switch Input Circuit Malfunction CRC (Electronic Cruise Control) B-010  
P1105 Barometric Pressure Sensor Circuit Low Input C-001  
P1105 Barometric Pressure Sensor Circuit High Input C-001  
P1110 Swirl Actuator High Voltage B-034  
P1110 Swirl Actuator Low Voltage B-034  
P1110 Swirl Actuator Circuit Open B-034  
P1110 Swirl Actuator Powerstage High Temperature C-015  
P1120 Accelerator Pedal Position Sensor 1 High Input C-009  
P1120 Accelerator Pedal Position Sensor 1 Range/Performance C-009  
P1120 Accelerator Pedal Position Sensor 1 and 2 Signal Incorrect Ratio C-009  
P1122 Accelerator Pedal Position Sensor 2 High Input C-009  
P1122 Accelerator Pedal Position Sensor 2 Range/Performance C-009  
P1122 Accelerator Pedal Position Sensor 1 and 2 Signal Incorrect Ratio C-009  
P1125 Throttle Actuator Feedback Signal Range/Performance C-014  
P1180 Fuel Filter Heater High Voltage C-026  
P1180 Fuel Filter Heater Low Voltage B-036  
P1180 Fuel Filter Heater Circuit Open B-036

P1180 Fuel Filter Heater Powerstage High Temperature C-026  
P1400 Exhaust Gas Recirculation Circuit Low Voltage C-024  
P1400 Exhaust Gas Recirculation Circuit High Voltage C-024  
P1400 Exhaust Gas Recirculation Circuit Range/Performance C-024  
P1400 Exhaust Gas Recirculation Valve Stuck C-024  
P1481 Fan Control 1 Circuit High Voltage Engine Cooling B-004  
P1481 Fan Control 1 Circuit Low Voltage Engine Cooling B-004  
P1481 Fan Control 1 Circuit Open Engine Cooling B-004  
P1481 Fan Control 1 Powerstage High Temperature Engine Cooling B-004  
P1482 Fan Control 2 Circuit High Voltage Engine Cooling B-004  
P1482 Fan Control 2 Circuit Low Voltage Engine Cooling B-004  
P1482 Fan Control 2 Circuit Open Engine Cooling B-004  
P1482 Fan Control 2 Powerstage High Temperature Engine Cooling B-004  
P1483 Fan Control 3 Circuit High Voltage Engine Cooling B-004  
P1483 Fan Control 3 Circuit Low Voltage Engine Cooling B-004  
P1483 Fan Control 3 Circuit Open Engine Cooling B-004  
P1483 Fan Control 3 Powerstage High Temperature Engine Cooling B-004  
P1530 A/C Relay Voltage High Heating, Ventilation and Air Conditioning System B-017  
P1530 A/C Relay Voltage Low Heating, Ventilation and Air Conditioning System B-017  
P1530 A/C Relay Circuit Open Heating, Ventilation and Air Conditioning System B-017  
P1530 A/C Relay Powerstage High Temperature Heating, Ventilation and Air Conditioning System B-017  
P1560 System Voltage Malfunction Power Supply and Communication C-113  
P1610 Immobiliser Function not Programmed Immobiliser B-009  
P1610 Immobiliser Malfunction Immobiliser B-009  
P1611 Wrong Security Code Entered Immobiliser B-015  
P1613 Immobiliser No Or Wrong Signal Immobiliser B-008  
P1614 Immobiliser Wrong Signal Received Immobiliser B-008  
P1614 Wrong Transponder Key Immobiliser B-006  
P1615 ECM (Engine Control Module) Identification Failed Immobiliser B-006  
P1616 CIM (Steering Column Module) Wrong Environment Identifier Immobiliser B-006  
P1625 Main Relay opens too early B-016  
P1625 Main Relay opens too late C-003  
P1811 Torque Signal Malfunction (CAN) ABS/TC/ESP (Vehicle Dynamic System) B-018  
P1815 Cruise Control Interface Malfunction CRC (Electronic Cruise Control) B-008  
P1895 Limp home - Limited Performance B-013  
P2147 Injector 1 or 4 Short Circuit C-018  
P2147 Injector 1 or 4 Malfunction C-018  
P2150 Injector 2 or 3 Short Circuit C-018  
P2150 Injector 2 or 3 Malfunction C-018  
P2279 Intake Air System Leak Detected B-019



## **Z12XEP Z14XEL Z14XEP**

P0070 Ambient Air Temperature Sensor Malfunction B-027  
P0100 Mass Or Volume Air Flow Circuit High Input C-007  
P0100 Mass Or Volume Air Flow Circuit Low Input C-007  
P0110 Intake Air Temperature Sensor Circuit High Input C-008  
P0110 Intake Air Temperature Sensor Circuit Low Input C-008  
P0115 Engine Coolant Temperature Circuit High Input Engine Cooling B-010  
P0115 Engine Coolant Temperature Circuit Low Input Engine Cooling B-010  
P0115 Engine Coolant Temperature Sensor Circuit Range/Performance Engine Cooling B-010  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit High Input C-005  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit Low Input C-005  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit Range/Performance Problem C-005  
P0130 O2 Sensor Circuit High Voltage (Bank 1 Sensor 1) C-022  
P0130 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1) C-022  
P0130 O2 Sensor Circuit Range/Performance (Bank 1 Sensor 1) B-028  
P0130 O2 Sensor Circuit Malfunction (Bank 1 Sensor 1) B-023  
P0130 No Plausibility between O2 Sensor 1 Bank 1 and O2 Sensor 2 Bank 1 B-023  
P0135 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 1) B-012  
P0135 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 1) B-012  
P0135 O2 Sensor Heater Circuit Open (Bank 1 Sensor 1) B-031  
P0135 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 1) B-012  
P0136 O2 Sensor Circuit High Voltage (Bank 1 Sensor 2) C-026  
P0136 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2) C-026  
P0136 O2 Sensor Circuit Range/Performance (Bank 1 Sensor 2) B-029  
P0136 O2 Sensor Circuit Malfunction (Bank 1 Sensor 2) B-030  
P0136 No Plausibility between O2 Sensor 1 Bank 1 and O2 Sensor 2 Bank 1 B-030  
P0141 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 2) B-013  
P0141 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 2) B-013  
P0141 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 2) B-013  
P0141 O2 Sensor Heater Circuit Open (Bank 1 Sensor 2) B-032  
P0170 Fuel Trim Malfunction (Bank 1) B-018  
P0201 Cylinder 1 Injector Circuit High B-011  
P0201 Cylinder 1 Injector Circuit Low B-011  
P0201 Cylinder 1 Injector Circuit Open B-011  
P0202 Cylinder 2 Injector Circuit High B-011  
P0202 Cylinder 2 Injector Circuit Low B-011  
P0202 Cylinder 2 Injector Circuit Open B-011  
P0203 Cylinder 3 Injector Circuit High B-011  
P0203 Cylinder 3 Injector Circuit Low B-011  
P0203 Cylinder 3 Injector Circuit Open B-011  
P0204 Cylinder 4 Injector Circuit High B-011  
P0204 Cylinder 4 Injector Circuit Low B-011  
P0204 Cylinder 4 Injector Circuit Open B-011

P0219 Engine Overspeed Condition C-028  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit High Input C-005  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit Low Input C-005  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit Range/Performance Problem C-005  
P0230 Fuel Pump Primary Circuit High B-010  
P0230 Fuel Pump Primary Circuit Low B-010  
P0300 Random/Multiple Cylinder Misfire Detected B-024  
P0301 Cylinder 1 Misfire Detected B-024  
P0302 Cylinder 2 Misfire Detected B-024  
P0303 Cylinder 3 Misfire Detected B-024  
P0304 Cylinder 4 Misfire Detected B-024  
P0313 Misfire Detected at Low Fuel Level B-024  
P0325 Knock Sensor 1 Circuit High Input (Bank 1 Or Single Sensor) B-025  
P0325 Knock Sensor 1 Circuit Low Input (Bank 1 Or Single Sensor) B-025  
P0335 Crankshaft Sensor Incorrect Signal C-002  
P0335 Crankshaft Sensor Circuit Range/Performance C-002  
P0340 Camshaft Position Sensor Circuit High Input C-009  
P0340 Camshaft Position Sensor Circuit Low Input C-009  
P0340 Camshaft Position Sensor Circuit Open C-009  
P0340 Camshaft Position Sensor Circuit Range/Performance C-009  
P0340 Camshaft Position Sensor Circuit Malfunction C-009  
P0403 Exhaust Gas Recirculation Circuit Low Voltage B-015  
P0403 Exhaust Gas Recirculation Circuit High Voltage B-015  
P0403 Exhaust Gas Recirculation Circuit Malfunction B-015  
P0420 Catalyst System Efficiency Below Threshold (Bank 1) B-019  
P0443 Fuel Tank Ventilation Valve Voltage High B-014  
P0443 Fuel Tank Ventilation Valve Voltage Low B-014  
P0443 Fuel Tank Ventilation Open Circuit B-014  
P0460 Fuel Level Sensor Circuit Range/Performance IPC (Instrument) B-013  
P0500 Vehicle Speed Signal Range/Performance B-026  
P0501 Vehicle Speed Signal Range/Performance B-026  
P0520 Engine Oil Pressure Sensor/Switch Circuit Range/Performance IPC (Instrument) C-018  
P0530 A/C Pressure Sensor Circuit High Input Heating, Ventilation and Air Conditioning System C-009  
P0530 A/C Pressure Sensor Circuit Low Input Heating, Ventilation and Air Conditioning System C-009  
P0571 Brake Light Switch Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P0607 Knock Control Module; Replace ECU B-025  
P0607 Knock Sensor Circuit Malfunction B-025  
P0621 Generator Lamp "L" Control Circuit Malfunction IPC (Instrument) C-021  
P0704 Clutch Switch Input Circuit Malfunction CRC (Electronic Cruise Control) B-010  
P1112 Port Deactivation Solenoid Valve Actuation Error C-010  
P1112 Port Deactivation Position Sensor Circuit Low Voltage C-010  
P1112 Port Deactivation Position Sensor Circuit High Voltage C-010  
P1113 Port Deactivation Position Sensor Circuit High Voltage C-010

P1113 Port Deactivation Position Sensor Circuit Low Voltage C-010  
P1113 Port Deactivation Solenoid Valve Circuit High Voltage B-016  
P1113 Port Deactivation Solenoid Valve Circuit Malfunction B-016  
P1113 Port Deactivation Solenoid Valve Circuit Low Voltage B-016  
P1120 Accelerator Pedal Position Sensor 1 High Input C-004  
P1120 Accelerator Pedal Position Sensor 1 Low Input C-004  
P1120 Accelerator Pedal Position Sensor 1 and 2 Signal Incorrect Ratio C-004  
P1122 Accelerator Pedal Position Sensor 2 High Input C-004  
P1122 Accelerator Pedal Position Sensor 2 Low Input C-004  
P1230 Main Relay Malfunction C-001  
P1405 Exhaust Gas Recirculation Valve Feedback Signal Malfunction B-015  
P1405 Exhaust Gas Recirculation Circuit High Voltage B-015  
P1405 Exhaust Gas Recirculation Circuit Low Voltage B-015  
P1405 Exhaust Gas Recirculation (EGR) Valve Feedback Incorrect Signal B-015  
P1405 Exhaust Gas Recirculation Valve Stuck B-015  
P1481 Fan Control 1 Circuit High Voltage Engine Cooling B-004  
P1481 Fan Control 1 Circuit Low Voltage Engine Cooling B-004  
P1481 Fan Control 1 Circuit Open Engine Cooling B-004  
P1482 Fan Control 2 Circuit High Voltage Engine Cooling B-004  
P1482 Fan Control 2 Circuit Low Voltage Engine Cooling B-004  
P1482 Fan Control 2 Circuit Open Engine Cooling B-004  
P1483 Fan Control 3 Circuit High Voltage Engine Cooling B-004  
P1483 Fan Control 3 Circuit Low Voltage Engine Cooling B-004  
P1483 Fan Control 3 Circuit Open Engine Cooling B-004  
P1500 Electronic Throttle Control Malfunction C-006  
P1523 Throttle Actuator Control Return Performance C-006  
P1526 Throttle Control Lower Position not Learned C-006  
P1530 A/C Relay Voltage High Heating, Ventilation and Air Conditioning System B-017  
P1530 A/C Relay Voltage Low Heating, Ventilation and Air Conditioning System B-017  
P1530 A/C Relay Circuit Open Heating, Ventilation and Air Conditioning System B-017  
P1565 Cruise Control Interface Malfunction CRC (Electronic Cruise Control) B-006  
P1600 Engine Torque not plausible C-001  
P1606 Engine Torque not plausible C-001  
P1610 Immobiliser Function not Programmed Immobiliser B-009  
P1610 Immobiliser Malfunction Immobiliser B-009  
P1611 Wrong Security Code Entered Immobiliser B-015  
P1613 Immobiliser No Or Wrong Signal Immobiliser B-008  
P1614 Wrong Transponder Key Immobiliser B-006  
P1614 Immobiliser Wrong Signal Received Immobiliser B-008  
P1615 ECM (Engine Control Module) Identification Failed Immobiliser B-006  
P1616 CIM (Steering Column Module) Wrong Environment Identifier Immobiliser B-006  
P1811 Torque Signal Malfunction (CAN) ABS/TC/ESP (Vehicle Dynamic System) B-018  
P1814 Invalid Signal from ECC (Electronic Climate Control) ECC/SAC (Electronic Climate Control) B-032

## **Z20LEL Z20LER Z20LEH**

P0070 Ambient Air Temperature Sensor Malfunction B-025  
P0100 Mass Or Volume Air Flow Circuit High Input C-007  
P0100 Mass Or Volume Air Flow Circuit Low Input C-007  
P0100 Mass Or Volume Air Flow Circuit Malfunction C-007  
P0110 Intake Air Temperature Sensor Circuit Low Input C-008  
P0110 Intake Air Temperature Sensor Circuit High Input C-008  
P0115 Engine Coolant Temperature Sensor Circuit Range/Performance Engine Cooling B-010  
P0115 Engine Coolant Temperature Circuit Low Input Engine Cooling B-010  
P0115 Engine Coolant Temperature Circuit High Input Engine Cooling B-010  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit High Input C-005  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit Low Input C-005  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit Range/Performance Problem C-005  
P0130 O2 Sensor Circuit High Voltage (Bank 1 Sensor 1) C-019  
P0130 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1) C-019  
P0130 O2 Sensor Circuit Range/Performance (Bank 1 Sensor 1) B-026  
P0130 No Plausibility between O2 Sensor 1 Bank 1 and O2 Sensor 2 Bank 1 B-021  
P0130 O2 Sensor Circuit Malfunction (Bank 1 Sensor 1) B-021  
P0135 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 1) B-012  
P0135 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 1) B-012  
P0135 O2 Sensor Heater Circuit Open (Bank 1 Sensor 1) B-029  
P0135 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 1) B-012  
P0136 O2 Sensor Circuit High Voltage (Bank 1 Sensor 2) C-023  
P0136 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2) C-023  
P0136 O2 Sensor Circuit Range/Performance (Bank 1 Sensor 2) B-027  
P0136 No Plausibility between O2 Sensor 1 Bank 1 and O2 Sensor 2 Bank 1 B-028  
P0136 O2 Sensor Circuit Malfunction (Bank 1 Sensor 2) B-028  
P0141 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 2) B-013  
P0141 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 2) B-013  
P0141 O2 Sensor Heater Circuit Open (Bank 1 Sensor 2) B-030  
P0141 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 2) B-013  
P0170 Fuel Trim Malfunction (Bank 1) B-016  
P0201 Cylinder 1 Injector Circuit High B-011  
P0201 Cylinder 1 Injector Circuit Low B-011  
P0201 Cylinder 1 Injector Circuit Open B-011  
P0202 Cylinder 2 Injector Circuit High B-011  
P0202 Cylinder 2 Injector Circuit Low B-011  
P0202 Cylinder 2 Injector Circuit Open B-011  
P0203 Cylinder 3 Injector Circuit High B-011  
P0203 Cylinder 3 Injector Circuit Low B-011  
P0203 Cylinder 3 Injector Circuit Open B-011

P0204 Cylinder 4 Injector Circuit High B-011  
P0204 Cylinder 4 Injector Circuit Low B-011  
P0204 Cylinder 4 Injector Circuit Open B-011  
P0219 Engine Overspeed Condition C-025  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit High Input C-005  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit Low Input C-005  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit Range/Performance Problem C-005  
P0230 Fuel Pump Primary Circuit Low B-010  
P0230 Fuel Pump Primary Circuit High B-010  
P0235 Boost Pressure Sensor Circuit Low Input C-031  
P0235 Boost Pressure Sensor Circuit High Input C-031  
P0243 Boost Pressure Valve High Voltage C-032  
P0243 Boost Pressure Valve Low Voltage C-032  
P0243 Boost Pressure Valve Circuit Open C-032  
P0300 Random/Multiple Cylinder Misfire Detected B-022  
P0301 Cylinder 1 Misfire Detected B-022  
P0302 Cylinder 2 Misfire Detected B-022  
P0303 Cylinder 3 Misfire Detected B-022  
P0304 Cylinder 4 Misfire Detected B-022  
P0313 Misfire Detected at Low Fuel Level B-022  
P0325 Knock Sensor 1 Circuit High Input (Bank 1 Or Single Sensor) B-023  
P0325 Knock Sensor 1 Circuit Low Input (Bank 1 Or Single Sensor) B-023  
P0335 Crankshaft Sensor Circuit Range/Performance C-002  
P0335 Crankshaft Sensor Incorrect Signal C-002  
P0340 Camshaft Position Sensor Circuit Low Input C-009  
P0340 Camshaft Position Sensor Circuit High Input C-009  
P0340 Camshaft Position Sensor Circuit Open C-009  
P0340 Camshaft Position Sensor Circuit Range/Performance C-009  
P0340 Camshaft Position Sensor Circuit Malfunction C-009  
P0420 Catalyst System Efficiency Below Threshold (Bank 1) B-017  
P0441 Evaporative Emission Control System Incorrect Purge Flow B-014  
P0443 Fuel Tank Ventilation Valve Voltage High B-014  
P0443 Fuel Tank Ventilation Valve Voltage Low B-014  
P0443 Fuel Tank Ventilation Open Circuit B-014  
P0460 Fuel Level Sensor Circuit Range/Performance IPC (Instrument) B-013  
P0500 Vehicle Speed Signal Range/Performance B-024  
P0501 Vehicle Speed Signal Range/Performance B-024  
P0520 Engine Oil Pressure Sensor/Switch Circuit Range/Performance IPC (Instrument) C-018  
P0530 A/C Pressure Sensor Circuit High Input Heating, Ventilation and Air Conditioning System C-009  
P0530 A/C Pressure Sensor Circuit Low Input Heating, Ventilation and Air Conditioning System C-009  
P0571 Brake Light Switch Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P0607 Knock Control Module; Replace ECU B-023  
P0607 Knock Sensor Circuit Malfunction B-023

P0621 Generator Lamp "L" Control Circuit Malfunction IPC (Instrument) C-021  
P0650 Malfunction Indicator (MI) Circuit Malfunction IPC (Instrument) B-008  
P0704 Clutch Switch Input Circuit Malfunction CRC (Electronic Cruise Control) B-010  
P1105 Barometric Pressure Sensor Circuit Low Input C-030  
P1105 Barometric Pressure Sensor Circuit High Input C-030  
P1106 Boost Pressure Sensor Circuit Range/Performance B-018  
P1120 Accelerator Pedal Position Sensor 1 High Input C-004  
P1120 Accelerator Pedal Position Sensor 1 Low Input C-004  
P1120 Accelerator Pedal Position Sensor 1 and 2 Signal Incorrect Ratio C-004  
P1122 Accelerator Pedal Position Sensor 2 High Input C-004  
P1122 Accelerator Pedal Position Sensor 2 Low Input C-004  
P1230 Main Relay Malfunction Power Supply and Communication C-013  
P1243 Turbocharger Bypass Solenoid Valve Circuit High Voltage C-033  
P1243 Turbocharger Bypass Solenoid Valve Circuit Low Voltage C-033  
P1243 Turbocharger Bypass Solenoid Valve Circuit Open C-033  
P1243 Turbocharger Bypass Valve Range/Performance C-033  
P1481 Fan Control 1 Circuit High Voltage Engine Cooling B-004  
P1481 Fan Control 1 Circuit Low Voltage Engine Cooling B-004  
P1481 Fan Control 1 Circuit Open Engine Cooling B-004  
P1482 Fan Control 2 Circuit High Voltage Engine Cooling B-004  
P1482 Fan Control 2 Circuit Low Voltage Engine Cooling B-004  
P1482 Fan Control 2 Circuit Open Engine Cooling B-004  
P1483 Fan Control 3 Circuit High Voltage Engine Cooling B-004  
P1483 Fan Control 3 Circuit Low Voltage Engine Cooling B-004  
P1483 Fan Control 3 Circuit Open Engine Cooling B-004  
P1490 Additional Coolant Pump Circuit High Voltage B-015  
P1490 Additional Coolant Pump Circuit Low Voltage B-015  
P1490 Additional Coolant Pump Circuit Open B-015  
P1500 Electronic Throttle Control Malfunction C-006  
P1523 Throttle Actuator Control Return Performance C-006  
P1526 Throttle Control Lower Position not Learned C-006  
P1530 A/C Relay Voltage High Heating, Ventilation and Air Conditioning System B-017  
P1530 A/C Relay Voltage Low Heating, Ventilation and Air Conditioning System B-017  
P1530 A/C Relay Circuit Open Heating, Ventilation and Air Conditioning System B-017  
P1565 Cruise Control Interface Malfunction CRC (Electronic Cruise Control) B-006  
P1600 Engine Torque not plausible B-031  
P1606 Engine Torque not plausible B-031  
P1610 Immobiliser Function not Programmed Immobiliser B-009  
P1610 Immobiliser Malfunction Immobiliser B-009  
P1611 Wrong Security Code Entered Immobiliser B-015  
P1613 Immobiliser No Or Wrong Signal Immobiliser B-008  
P1614 Immobiliser Wrong Signal Received Immobiliser B-008  
P1614 Wrong Transponder Key Immobiliser B-006  
P1615 ECM (Engine Control Module) Identification Failed Immobiliser B-006  
P1616 CIM (Steering Column Module) Wrong Environment Identifier Immobiliser B-006  
P1811 Torque Signal Malfunction (CAN) ABS/TC/ESP (Vehicle Dynamic System) C-011  
P1814 Invalid Signal from ECC (Electronic Climate Control) ECC/SAC (Electronic Climate Control) B-032

## **Z16XE1 Z16XEP**

P0105 Manifold Absolute Pressure Sensor Circuit High Voltage C-007  
P0105 Manifold Absolute Pressure Sensor Circuit Open or Low Voltage C-007  
P0110 Intake Air Temperature Sensor Circuit High Input C-008  
P0110 Intake Air Temperature Sensor Circuit Low Input C-008  
P0115 Engine Coolant Temperature Circuit Intermittent Engine Cooling B-010  
P0115 Engine Coolant Temperature Sensor Circuit Range/Performance B-022  
P0115 Engine Coolant Temperature Circuit High Input Engine Cooling B-010  
P0115 Engine Coolant Temperature Circuit Low Input Engine Cooling B-010  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit High Input B-017  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit Low Input B-017  
P0120 Throttle Position Sensor 1-2 Correlation B-017  
P0130 O2 Sensor Circuit High Voltage (Bank 1 Sensor 1) C-024  
P0130 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1) C-024  
P0130 O2 Sensor Circuit Slow Response (Bank 1 Sensor 1) C-024  
P0130 O2 Sensor - Too Few Rich/Lean And Lean/Rich Switches (Bank 1 Sensor 1) C-024  
P0130 O2 Sensor Circuit Range/Performance (Bank 1 Sensor 1) C-024  
P0135 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 1) B-031  
P0136 O2 Sensor Circuit High Voltage (Bank 1 Sensor 2) C-026  
P0136 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2) C-026  
P0136 O2 Sensor Circuit Open (Bank 1 Sensor 2) C-026  
P0141 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 2) B-030  
P0171 Fuel Trim System Lean B-019  
P0172 Fuel Trim System Rich B-019  
P0201 Cylinder 1 Injector Malfunction B-024  
P0202 Cylinder 2 Injector Malfunction B-024  
P0203 Cylinder 3 Injector Malfunction B-024  
P0204 Cylinder 4 Injector Malfunction B-024  
P0219 Engine Overspeed Condition C-030  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit High Input B-017  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit Low Input B-017  
P0230 Fuel Pump Primary Circuit High B-024  
P0230 Fuel Pump Primary Circuit Low B-028  
P0300 Random/Multiple Cylinder Misfire Detected B-025  
P0301 Cylinder 1 Misfire Detected B-025  
P0302 Cylinder 2 Misfire Detected B-025  
P0303 Cylinder 3 Misfire Detected B-025  
P0304 Cylinder 4 Misfire Detected B-025  
P0314 Single Cylinder Misfire Detected B-025  
P0325 Knock Sensor 1 Circuit Malfunction (Bank 1 Or Single Sensor) B-020  
P0335 Crankshaft Position Sensor "A" Circuit Range/Performance C-003  
P0335 Crankshaft Position Sensor "A" Circuit Malfunction C-003  
P0340 Camshaft Position Sensor Circuit Malfunction B-018  
P0351 Ignition Coil Cylinder 1 Circuit Malfunction B-023

P0352 Ignition Coil Cylinder 2 Circuit Malfunction B-023  
P0353 Ignition Coil Cylinder 3 Circuit Malfunction B-023  
P0354 Ignition Coil Cylinder 4 Circuit Malfunction B-023  
P0400 Exhaust Gas Recirculation Circuit Range/Performance (Open Valve) B-032  
P0400 Exhaust Gas Recirculation Circuit Range/Performance (Closed Valve) B-032  
P0400 Exhaust Gas Recirculation Flow Excessive Detected B-032  
P0420 Catalyst System Efficiency Below Threshold (Bank 1) C-029  
P0443 Fuel Tank Ventilation Valve Voltage High B-029  
P0443 Fuel Tank Ventilation Valve Voltage Low B-029  
P0500 Vehicle Speed Signal Range/Performance ABS/TC/ESP (Vehicle Dynamic System) B-011  
P0501 Vehicle Speed Sensor Malfunction ABS/TC/ESP (Vehicle Dynamic System) B-011  
P0530 A/C Pressure Sensor Circuit Low Input Heating, Ventilation and Air Conditioning System C-009  
P0530 A/C Pressure Sensor Circuit High Input Heating, Ventilation and Air Conditioning System C-009  
P0571 Brake Light Switch Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P0607 Knock Sensor Circuit Malfunction B-020  
P0621 Generator Lamp "L" Control Circuit Malfunction IPC (Instrument) C-021  
P1112 Port Deactivation Solenoid Valve Circuit High Voltage B-027  
P1112 Port Deactivation Solenoid Valve Circuit Open or Low Voltage B-027  
P1112 Port Deactivation Solenoid Valve Actuation Error at Low Temperature B-027  
P1112 Port Deactivation Solenoid Valve Actuation Error B-027  
P1113 Port Deactivation Position Sensor Circuit High Voltage C-020  
P1113 Port Deactivation Position Sensor Circuit Low Voltage C-020  
P1115 Radiator Outlet Coolant Temperature Sensor Circuit High Voltage Engine Cooling B-011  
P1115 Radiator Outlet Coolant Temperature Sensor Circuit Open or Low Voltage Engine Cooling B-011  
P1116 Coolant Thermostat Valve Circuit High Voltage Engine Cooling B-013  
P1116 Coolant Thermostat Valve Circuit Low Voltage Engine Cooling B-005  
P1120 Accelerator Pedal Position Sensor 1 High Input B-016  
P1120 Accelerator Pedal Position Sensor 1 Low Input B-016  
P1120 Accelerator Pedal Position Sensor 1 and 2 Signal Incorrect Ratio B-016  
P1122 Accelerator Pedal Position Sensor 2 High Input B-016  
P1122 Accelerator Pedal Position Sensor 2 Low Input B-016  
P1217 Coolant Flow Through Radiator Low Engine Cooling B-014  
P1300 Misfire Detected at Low Fuel Level B-025  
P1405 Exhaust Gas Recirculation (EGR) Valve Feedback Voltage High B-032  
P1405 Exhaust Gas Recirculation (EGR) Valve Feedback Voltage Low B-032  
P1481 Fan Control 1 Circuit High Voltage Engine Cooling B-012  
P1481 Fan Control 1 Circuit Low Voltage Engine Cooling B-004  
P1482 Fan Control 2 Circuit High Voltage Engine Cooling B-012  
P1482 Fan Control 2 Circuit Low Voltage Engine Cooling B-004  
P1483 Fan Control 3 Circuit High Voltage Engine Cooling B-012  
P1483 Fan Control 3 Circuit Low Voltage Engine Cooling B-004  
P1500 Throttle Control Malfunction B-021



P1526 Throttle Control Lower Position not Learned B-021  
P1530 A/C Relay Voltage Low Heating, Ventilation and Air Conditioning System B-017  
P1530 A/C Relay Voltage High Heating, Ventilation and Air Conditioning System B-017  
P1550 Electronic Throttle Control Power Management C-032  
P1550 Electronic Throttle Control Reduced Power C-032  
P1550 Electronic Throttle Control Forced Idle C-032  
P1550 Electronic Throttle Control Engine Stop C-032  
P1565 Cruise Control Interface Malfunction CRC (Electronic Cruise Control) B-006  
P1571 Brake Switch Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P1606 Engine Torque not plausible B-026  
P1610 Immobiliser Malfunction Immobiliser B-009  
P1610 Immobiliser Function not Programmed Immobiliser B-009  
P1611 Wrong Security Code Entered Immobiliser B-015  
P1612 Immobiliser No Or Wrong Signal Immobiliser B-008  
P1613 Immobiliser No Or Wrong Signal Immobiliser B-008  
P1614 Wrong Transponder Key Immobiliser B-006  
P1614 Immobiliser Wrong Signal Received Immobiliser B-008  
P1615 ECM (Engine Control Module) Identification Failed Immobiliser B-006  
P1616 CIM (Steering Column Module) Wrong Environment Identifier Immobiliser B-006  
P1620 5V Reference Circuit 1 Malfunction C-001  
P1635 5V Reference Circuit 2 Malfunction C-002  
P1699 Hardware/Software Not Compatible Hard- and Software B-015  
P1700 Service Vehicle Soon Request from Transmission Control Module MTA  
(Easytronic) (F13-5MTA/F17-5MTA) B-029  
P1814 Invalid Signal from ECC (Electronic Climate Control) ECC/SAC (Electronic  
Climate Control) B-032  
U2106 Invalid Data from TCM (Transmission Control Module) MTA (Easytronic) (F13-  
5MTA/F17-5MTA) B-029  
U2108 Invalid Data from ABS (Anti-Lock Brake System) ABS/TC/ESP (Vehicle  
Dynamic System) B-018

## **Z18XE**

P0030 O2 Sensor Heater Circuit Range/Performance (Bank 1 Sensor 1) B-016  
P0036 O2 Sensor Heater Circuit Range/Performance (Bank 1 Sensor 2) B-017  
P0100 Mass Or Volume Air Flow Circuit High Input B-013  
P0100 Mass Or Volume Air Flow Circuit Low Input B-013  
P0110 Intake Air Temperature Sensor Circuit High Input C-007  
P0110 Intake Air Temperature Sensor Circuit Low Input C-007  
P0115 Engine Coolant Temperature Circuit Low Input Engine Cooling B-010  
P0115 Engine Coolant Temperature Circuit High Input Engine Cooling B-010  
P0115 Engine Coolant Temperature Sensor Circuit Range/Performance Engine Cooling B-010  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit High Input B-030  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit Low Input B-030  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit Range/Performance Problem B-030  
P0130 O2 Sensor Circuit High Voltage (Bank 1 Sensor 1) C-020  
P0130 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1) C-020  
P0130 O2 Sensor Circuit Range/Performance (Bank 1 Sensor 1) C-020  
P0130 O2 Sensor Circuit Malfunction (Bank 1 Sensor 1) C-020  
P0134 O2 Sensor Failed C-020  
P0134 O2 Sensor Circuit Slow Response (Bank 1 Sensor 1) C-020  
P0135 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 1) B-016  
P0135 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 1) B-016  
P0135 O2 Sensor Heater Circuit Open (Bank 1 Sensor 1) B-016  
P0136 O2 Sensor Circuit High Voltage (Bank 1 Sensor 2) C-022  
P0136 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2) C-022  
P0136 O2 Sensor Circuit Range/Performance (Bank 1 Sensor 2) C-022  
P0136 O2 Sensor Circuit Malfunction (Bank 1 Sensor 2) C-022  
P0141 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 2) B-017  
P0141 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 2) B-017  
P0141 O2 Sensor Heater Circuit Open (Bank 1 Sensor 2) B-017  
P0170 Fuel Trim System Rich B-014  
P0170 Fuel Trim System Lean B-014  
P0201 Cylinder 1 Injector Circuit High B-018  
P0201 Cylinder 1 Injector Circuit Low B-018  
P0201 Cylinder 1 Injector Circuit Open B-018  
P0202 Cylinder 2 Injector Circuit High B-019  
P0202 Cylinder 2 Injector Circuit Low B-019  
P0202 Cylinder 2 Injector Circuit Open B-019  
P0203 Cylinder 3 Injector Circuit High B-020  
P0203 Cylinder 3 Injector Circuit Low B-020  
P0203 Cylinder 3 Injector Circuit Open B-020  
P0204 Cylinder 4 Injector Circuit High B-021  
P0204 Cylinder 4 Injector Circuit Low B-021

P0204 Cylinder 4 Injector Circuit Open B-021  
P0219 Engine Overspeed Condition C-026  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit High Input B-030  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit Low Input B-030  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit Range/Performance Problem B-030  
P0230 Fuel Pump Primary Circuit High B-032  
P0230 Fuel Pump Primary Circuit Low B-032  
P0301 Cylinder 1 Misfire Detected B-041  
P0302 Cylinder 2 Misfire Detected B-041  
P0303 Cylinder 3 Misfire Detected B-041  
P0304 Cylinder 4 Misfire Detected B-041  
P0325 Knock Sensor 1 Circuit Range/Performance (Bank 1 Or Single Sensor) C-017  
P0335 Crankshaft Position Sensor Signal Range/Performance C-002  
P0335 Crankshaft Sensor Incorrect Signal C-002  
P0335 Crankshaft Sensor Open Circuit B-040  
P0340 Camshaft Position Sensor Circuit Open B-031  
P0340 Camshaft Position Sensor Circuit Range/Performance B-031  
P0351 Ignition Coil Cylinder 1 Circuit High Voltage B-025  
P0351 Ignition Coil Cylinder 1 Circuit Range/Performance B-025  
P0352 Ignition Coil Cylinder 2 Circuit High Voltage B-026  
P0352 Ignition Coil Cylinder 2 Circuit Range/Performance B-026  
P0353 Ignition Coil Cylinder 3 Circuit High Voltage B-027  
P0353 Ignition Coil Cylinder 3 Circuit Range/Performance B-027  
P0354 Ignition Coil Cylinder 4 Circuit High Voltage B-028  
P0354 Ignition Coil Cylinder 4 Circuit Range/Performance B-028  
P0420 Catalyst System Efficiency Below Threshold (Bank 1) B-034  
P0443 Fuel Tank Ventilation Valve Voltage High B-015  
P0443 Fuel Tank Ventilation Valve Voltage Low B-015  
P0443 Fuel Tank Ventilation Open Circuit B-015  
P0460 Fuel Level Sensor Circuit Range/Performance IPC (Instrument) B-013  
P0460 Fuel Level Sensor Circuit Low Input IPC (Instrument) B-013  
P0460 Fuel Level Sensor Circuit High Input IPC (Instrument) B-013  
P0460 Invalid Data from REC (Rear Electrical Centre) IPC (Instrument) B-013  
P0500 Vehicle Speed Signal Range/Performance B-037  
P0501 Vehicle Speed Sensor Malfunction B-037  
P0520 Engine Oil Pressure Sensor/Switch Circuit Range/Performance IPC (Instrument) C-018  
P0530 A/C Pressure Sensor Circuit High Input Heating, Ventilation and Air Conditioning System C-009  
P0530 A/C Pressure Sensor Circuit Open Heating, Ventilation and Air Conditioning System C-009  
P0565 Cruise Control "On" Signal Malfunction CRC (Electronic Cruise Control) B-008  
P0566 Cruise Control "Off" Signal Malfunction CRC (Electronic Cruise Control) B-008  
P0567 Cruise Control "Resume" Signal Malfunction CRC (Electronic Cruise Control) B-008  
P0568 Cruise Control "Set" Signal Malfunction CRC (Electronic Cruise Control) B-008  
P0571 Brake Switch Circuit Malfunction Exterior Lighting/Turn Indicator System B-014

P0571 Brake Light Switch Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P0571 Cruise Control/Brake Switch "A" Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P0621 Generator Lamp "L" Control Circuit Malfunction IPC (Instrument) C-021  
P0650 Malfunction Indicator (MI) Circuit Low Voltage B-033  
P0650 Malfunction Indicator (MI) Circuit High Voltage B-033  
P0650 Malfunction Indicator (MI) Circuit Malfunction B-033  
P0700 Malfunction Indicator (MI) Request from Transmission Control Module (TCM) Range/Perform. AF 17-4 Electronic 4-Speed Automatic Transmission B-024  
P0704 Clutch Switch Input Circuit Malfunction CRC (Electronic Cruise Control) B-010  
P1110 Intake Manifold Solenoid Valve 1 Circuit High Voltage B-022  
P1110 Intake Manifold Solenoid Valve 1 Circuit Low Voltage B-022  
P1110 Intake Manifold Solenoid Valve 1 Circuit Open B-022  
P1120 Accelerator Pedal Position Sensor 1 High Input B-029  
P1120 Accelerator Pedal Position Sensor 1 Low Input B-029  
P1120 Accelerator Pedal Position Sensor 1 and 2 Signal Incorrect Ratio B-029  
P1122 Accelerator Pedal Position Sensor 2 High Input B-029  
P1122 Accelerator Pedal Position Sensor 2 Low Input B-029  
P1170 System Too Lean (Bank 1) B-014  
P1170 System Too Rich (Bank 1) B-014  
P1230 Main Relay Malfunction B-024  
P1326 Knock Control Maximum Spark Level Cylinder 1 B-038  
P1327 Knock Control Maximum Spark Level Cylinder 2 B-038  
P1328 Knock Control Maximum Spark Level Cylinder 3 B-038  
P1329 Knock Control Maximum Spark Level Cylinder 4 B-038  
P1372 Crankshaft Sensor Segment Error C-002  
P1372 Crankshaft Sensor Adaption Malfunction C-002  
P1481 Fan Control 1 Circuit High Voltage Engine Cooling B-004  
P1481 Fan Control 1 Circuit Low Voltage Engine Cooling B-004  
P1482 Fan Control 2 Circuit High Voltage Engine Cooling B-004  
P1482 Fan Control 2 Circuit Low Voltage Engine Cooling B-004  
P1483 Fan Control 3 Circuit High Voltage Engine Cooling B-004  
P1483 Fan Control 3 Circuit Low Voltage Engine Cooling B-004  
P1484 Fan Control 4 Circuit Low Voltage Engine Cooling B-004  
P1484 Fan Control 4 Circuit High Voltage Engine Cooling B-004  
P1500 Throttle Control Motor Malfunction B-030  
P1520 Powerstage Currentless B-030  
P1525 Throttle Control Malfunction B-030  
P1526 Lower Limit Adaption Error B-030  
P1526 Throttle Position Adaption Error B-030  
P1526 Limp Home Adaption Error B-030  
P1526 Throttle Position Signal Malfunction B-030  
P1530 A/C Relay Voltage High Heating, Ventilation and Air Conditioning System B-017  
P1530 A/C Relay Voltage Low Heating, Ventilation and Air Conditioning System B-017  
P1550 Electronic Throttle Control Reduced Power B-030  
P1550 Electronic Throttle Control Forced Idle B-030  
P1550 Electronic Throttle Control Power Management B-030

P1550 Electronic Throttle Control Engine Stop B-030  
P1551 Engine Torque Request Signal Range/Performance B-012  
P1555 Load/Throttle Position not plausible B-030  
P1565 Cruise Control Interface Malfunction CRC (Electronic Cruise Control) B-006  
P1610 Immobiliser Function not Programmed Immobiliser B-009  
P1610 Immobiliser Malfunction Immobiliser B-009  
P1611 Wrong Security Code Entered Immobiliser B-015  
P1613 Immobiliser No Or Wrong Signal Immobiliser B-008  
P1614 Immobiliser Wrong Signal Received Immobiliser B-008  
P1614 Wrong Transponder Key Immobiliser B-006  
P1615 ECM (Engine Control Module) Identification Failed Immobiliser B-006  
P1616 CIM (Steering Column Module) Wrong Environment Identifier Immobiliser B-006  
P1650 Service Vehicle Soon Telltale Low Voltage B-039  
P1650 Service Vehicle Soon Telltale High Voltage B-039  
P1700 Service Vehicle Soon Request from Transmission Control Module AF 17-4  
Electronic 4-Speed Automatic Transmission B-024  
P1811 Torque Signal Malfunction (CAN) ABS/TC/ESP (Vehicle Dynamic System) B-018  
P1812 Invalid Signal from ACC (Adaptiv Cruise Control) CRC (Electronic Cruise  
Control) B-006  
P1813 Invalid Signal from TCM (Transmission Control Module) AF 17-4 Electronic 4-  
Speed Automatic Transmission B-024  
P1814 Invalid Signal from ECC (Electronic Climate Control) ECC/SAC (Electronic  
Climate Control) B-032

## **Z13DTH**

P0001 Fuel Metering Solenoid Valve Circuit High Voltage C-021  
P0001 Fuel Metering Solenoid Valve Circuit Low Voltage C-021  
P0030 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 1) C-027  
P0030 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 1) B-042  
P0070 Ambient Air Temperature Sensor Malfunction B-020  
P0088 Rail Pressure High Pressure B-047  
P0090 Rail Pressure Control Valve Voltage High C-022  
P0090 Rail Pressure Control Valve Voltage Low C-022  
P0093 High Pressure Diagnosis Malfunction C-022  
P0095 Charge Air Temperature Sensor Low Input C-015  
P0095 Charge Air Temperature Sensor High Input C-015  
P0095 Charge Air Temperature Sensor Malfunction B-053  
P0100 Mass Air Flow Sensor Voltage Low B-043  
P0100 Mass Air Flow Sensor Circuit Low Input B-043  
P0100 Mass Air Flow Sensor Voltage High B-024  
P0100 Mass Air Flow Sensor Circuit High Input B-025  
P0106 Barometric Pressure not plausible with Boost Pressure B-031  
P0107 Boost Pressure Low Pressure B-027  
P0108 Boost Pressure High Pressure B-028  
P0110 Intake Air Temperature Sensor Circuit Low Input C-014  
P0110 Intake Air Temperature Sensor Circuit High Input C-014  
P0110 Intake Air Temperature Sensor Circuit Malfunction B-052  
P0115 Engine Coolant Temperature Circuit Low Input Engine Cooling C-001  
P0115 Engine Coolant Temperature Circuit High Input Engine Cooling C-001  
P0115 Engine Coolant Temperature Sensor Circuit Range/Performance Engine Cooling C-001  
P0130 O2 Sensor Circuit High Voltage (Bank 1 Sensor 1) C-028  
P0130 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1) C-028  
P0130 O2 Sensor Circuit Malfunction (Bank 1 Sensor 1) C-028  
P0130 O2 Sensor Circuit Range/Performance (Bank 1 Sensor 1) C-028  
P0135 O2 Sensor Heater Circuit Range/Performance (Bank 1 Sensor 1) B-050  
P0168 Fuel Reduction caused by High Fuel Temperature B-032  
P0180 Fuel Temperature Sensor Circuit Low Input C-016  
P0180 Fuel Temperature Sensor Circuit High Input C-016  
P0180 Fuel Temperature Sensor Circuit Malfunction B-054  
P0190 Rail Pressure Sensor Low Voltage C-020  
P0190 Rail Pressure Sensor High Voltage C-020  
P0190 Rail Pressure Sensor Low Input C-020  
P0190 Rail Pressure Sensor High Input C-020  
P0190 Rail Pressure Range/Performance C-020  
P0190 Rail Pressure Range/Performance (Negative Deviation) C-020  
P0190 Rail Pressure Range/Performance (Positive Deviation) C-020  
P0201 Cylinder 1 Injector Circuit High C-023  
P0201 Cylinder 1 Injector Circuit Low C-023  
P0201 Cylinder 1 Injector Circuit Open C-023

P0201 Cylinder 1 Injector Malfunction C-023  
P0202 Cylinder 2 Injector Circuit High C-024  
P0202 Cylinder 2 Injector Circuit Low C-024  
P0202 Cylinder 2 Injector Circuit Open C-024  
P0202 Cylinder 2 Injector Malfunction C-024  
P0203 Cylinder 3 Injector Circuit High C-025  
P0203 Cylinder 3 Injector Circuit Low C-025  
P0203 Cylinder 3 Injector Circuit Open C-025  
P0203 Cylinder 3 Injector Malfunction C-025  
P0204 Cylinder 4 Injector Circuit High C-026  
P0204 Cylinder 4 Injector Circuit Low C-026  
P0204 Cylinder 4 Injector Circuit Open C-026  
P0204 Cylinder 4 Injector Malfunction C-026  
P0217 Fuel Reduction caused by High Coolant Temperature B-032  
P0219 Engine Overspeed Condition C-008  
P0230 Fuel Pump Relay Voltage Low C-004  
P0230 Fuel Pump Relay Voltage High C-004  
P0235 Boost Pressure Sensor Circuit High Input C-012  
P0235 Boost Pressure Sensor Circuit Low Input C-012  
P0243 Boost Pressure Valve High Voltage C-017  
P0243 Boost Pressure Valve Low Voltage B-039  
P0243 Boost Pressure Valve Circuit Open B-039  
P0243 Boost Pressure Control Circuit Negative Deviation B-055  
P0243 Boost Pressure Control Circuit Positive Deviation B-055  
P0335 Crankshaft Sensor Circuit Range/Performance C-008  
P0340 Camshaft Position Sensor Circuit Low Input C-009  
P0340 Camshaft Position Sensor Circuit High Input C-009  
P0340 Camshaft Position Sensor Circuit Range/Performance C-009  
P0380 Glow Device Circuit High Voltage C-032  
P0380 Glow Device Circuit Low Voltage B-038  
P0380 Glow Device Circuit Open Circuit B-038  
P0400 Exhaust Gas Recirculation Valve Malfunction B-051  
P0400 Exhaust Gas Recirculation Valve Stuck B-051  
P0403 Exhaust Gas Recirculation Circuit Low Voltage C-018  
P0403 Exhaust Gas Recirculation Circuit High Voltage C-018  
P0403 Exhaust Gas Recirculation Circuit Open C-018  
P0500 Vehicle Speed Signal Range/Performance B-030  
P0520 Engine Oil Pressure Sensor/Switch Circuit Low Voltage IPC (Instrument) C-018  
P0520 Engine Oil Pressure Sensor/Switch Circuit High Voltage IPC (Instrument) C-018  
P0530 A/C Pressure Sensor Circuit High Input Heating, Ventilation and Air Conditioning System C-009  
P0530 A/C Pressure Sensor Circuit Low Input Heating, Ventilation and Air Conditioning System C-009  
P0565 Cruise Control Switch Malfunction CRC (Electronic Cruise Control) B-006  
P0571 Brake Light Switch Circuit Low Input Exterior Lighting/Turn Indicator System B-014  
P0571 Brake Light Switch Circuit High Input Exterior Lighting/Turn Indicator System B-014

P0571 Brake Light Switch Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P0621 Generator Lamp "L" Control Circuit Malfunction IPC (Instrument) C-021  
P0622 Generator Field "F" Control Circuit Malfunction B-057  
P0638 Electronic Throttle Control High Voltage C-019  
P0638 Electronic Throttle Control Low Voltage B-040  
P0638 Electronic Throttle Control Circuit open B-040  
P0683 Glow Plug Circuit Low Voltage B-038  
P0683 Glow Plug Circuit Open B-038  
P0685 Main Relay Circuit High Voltage C-003  
P0685 Main Relay Circuit Low Voltage C-003  
P0700 Malfunction Indicator (MI) Request from Transmission Control Module (TCM) Range/Perform. MTA (Easytronic) (M20-6MTA/M32-6MTA) B-025  
P0704 Clutch Switch Input Circuit Malfunction CRC (Electronic Cruise Control) B-010  
P1088 Rail Pressure High Pressure B-048  
P1093 Fuel System Malfunction C-022  
P1105 Barometric Pressure Sensor Circuit Low Input C-011  
P1105 Barometric Pressure Sensor Circuit High Input C-011  
P1120 Accelerator Pedal Position Sensor 1 High Input C-010  
P1120 Accelerator Pedal Position Sensor 1 Low Input C-010  
P1120 Accelerator Pedal Position Sensor 1 Malfunction C-010  
P1120 Accelerator Pedal Position Sensor 1 and 2 Signal Incorrect Ratio C-010  
P1122 Accelerator Pedal Position Sensor 2 Low Input C-010  
P1122 Accelerator Pedal Position Sensor 2 High Input C-010  
P1122 Accelerator Pedal Position Sensor 2 Malfunction C-010  
P1180 Fuel Filter Heater High Voltage C-034  
P1180 Fuel Filter Heater Low Voltage B-037  
P1180 Fuel Filter Heater Circuit Open B-037  
P1190 Rail Pressure Control Valve Stuck B-047  
P1191 Fuel Metering Solenoid Valve Circuit Range/Performance B-048  
P1191 Rail Pressure Range/Performance B-049  
P1191 Rail Pressure Low Pressure B-049  
P1192 Rail Pressure High Pressure B-049  
P1264 Water in Fuel Filter Detected B-021  
P1481 Fan Control 1 Circuit High Voltage Engine Cooling B-004  
P1481 Fan Control 1 Circuit Low Voltage Engine Cooling B-004  
P1481 Fan Control 1 Circuit Open Engine Cooling B-004  
P1482 Fan Control 2 Circuit High Voltage Engine Cooling B-004  
P1482 Fan Control 2 Circuit Low Voltage Engine Cooling B-004  
P1482 Fan Control 2 Circuit Open Engine Cooling B-004  
P1483 Fan Control 3 Circuit High Voltage Engine Cooling B-004  
P1483 Fan Control 3 Circuit Low Voltage Engine Cooling B-004  
P1483 Fan Control 3 Circuit Open Engine Cooling B-004  
P1530 A/C Relay Voltage High Heating, Ventilation and Air Conditioning System B-017  
P1530 A/C Relay Voltage Low Heating, Ventilation and Air Conditioning System B-017  
P1530 A/C Relay Circuit Open Heating, Ventilation and Air Conditioning System B-017  
P1564 Battery Circuit Open C-039  
P1571 Brake Switch Circuit Low Voltage Exterior Lighting/Turn Indicator System B-014



P1571 Brake Switch Circuit High Voltage Exterior Lighting/Turn Indicator System B-014  
P1571 Brake Switch Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P1610 Immobiliser Function not Programmed Immobiliser B-009  
P1610 Immobiliser Malfunction Immobiliser B-009  
P1611 Wrong Security Code Entered Immobiliser B-015  
P1613 Immobiliser No Or Wrong Signal Immobiliser B-008  
P1614 Wrong Transponder Key Immobiliser B-006  
P1614 Immobiliser Wrong Signal Received Immobiliser B-008  
P1619 Airbag Deployed SDM (Airbag) B-008  
P1620 5V Reference Circuit 1 High Voltage C-005  
P1620 5V Reference Circuit 1 Low Voltage C-005  
P1625 Main Relay Output Voltage Low B-017  
P1625 Main Relay Output Voltage High B-017  
P1635 5V Reference Circuit 2 High Voltage C-006  
P1635 5V Reference Circuit 2 Low Voltage C-006  
P1639 5V Reference Circuit 3 Low Voltage C-007  
P1639 5V Reference Circuit 3 High Voltage C-007  
P1700 Service Vehicle Soon Request from Transmission Control Module MTA (Easytronic) (M20-6MTA/M32-6MTA) B-025  
P1814 Invalid Signal from ECC (Electronic Climate Control) ECC/SAC (Electronic Climate Control) C-003  
P1900 Limp Home - Particulate Filter Limited Performance B-046  
P1900 Particulate Filter Regeneration Cycle Interrupted Several Times B-056  
P1901 Particulate Filter Pressure Sensor Low Voltage C-030  
P1901 Particulate Filter Pressure Sensor Low Differential Pressure C-030  
P1901 Particulate Filter Pressure Sensor High Differential Pressure B-056  
P1901 Particulate Filter Pressure Sensor High Voltage C-030  
P1901 Particulate Filter Pressure Sensor Range/Performance B-056  
P1901 Particulate Filter Differential Pressure Signal not Plausible with Mass Air Flow C-030  
P1901 Particulate Filter Pressure Sensor Hose Line Malfunction C-030  
P1902 Exhaust Gas Temperature Sensor Circuit Low Voltage C-029  
P1902 Exhaust Gas Temperature Sensor Circuit Open or High Voltage C-029  
P1902 Exhaust Gas Temperature Sensor Signal Range/Performance C-029  
P2003 Particulate Filter Pressure Sensor Much too High Differential Pressure C-030  
P2146 Capacitor Voltage 1 High Voltage C-001  
P2146 Capacitor Voltage 1 Low Voltage C-001  
P2237 O2 Sensor Pump Current Circuit High Voltage (Bank 1 Sensor 1) C-028  
P2237 O2 Sensor Pump Current Circuit Low Voltage (Bank 1 Sensor 1) C-028  
P2237 O2 Sensor Pump Current Circuit Malfunction (Bank 1 Sensor 1) C-028  
P2244 O2 Sensor Reference Cell Circuit Malfunction (Bank 1 Sensor 1) C-028  
P2264 "Water In Fuel" Sensor Circuit Malfunction B-021  
P2297 O2 Sensor Circuit Range/Performance (Bank 1 Sensor 1) B-050  
U2106 Invalid Data from TCM (Transmission Control Module) MTA (Easytronic) (F13-5MTA/F17-5MTA) B-029  
U2108 Invalid Data from ABS (Anti-Lock Brake System) ABS/TC/ESP (Vehicle Dynamic System) B-018

## **Z18XER**

P0010 Intake Camshaft Phasing Powerstage Circuit High Voltage C-006  
P0010 Intake Camshaft Phasing Powerstage Circuit Low Voltage B-035  
P0010 Intake Camshaft Phasing Powerstage Circuit Open B-035  
P0011 Intake Camshaft Phasing Mechanics Malfunction B-035  
P0011 Intake Camshaft Phasing Mechanics Range/Performance (Bank 1) B-035  
P0011 Intake Camshaft Phasing Mechanical Reference Position Range/Performance (Bank 1) B-035  
P0013 Exhaust Camshaft Phasing Powerstage Circuit High Voltage C-007  
P0013 Exhaust Camshaft Phasing Powerstage Circuit Low Voltage B-036  
P0013 Exhaust Camshaft Phasing Powerstage Circuit Open B-036  
P0014 Exhaust Camshaft Phasing Mechanics Malfunction B-036  
P0014 Exhaust Camshaft Phasing Mechanics Range/Performance B-036  
P0014 Exhaust Camshaft Phasing Mechanical Reference Position Range/Performance B-036  
P0030 O2 Sensor Heater Circuit Range/Performance (Bank 1 Sensor 1) B-017  
P0036 O2 Sensor Heater Circuit Range/Performance (Bank 1 Sensor 2) B-018  
P0068 Load/Throttle Position not plausible B-031  
P0075 Intake Manifold Solenoid Valve 1 Circuit High Voltage B-023  
P0075 Intake Manifold Solenoid Valve 1 Circuit Low Voltage B-023  
P0100 Mass Or Volume Air Flow Circuit High Input B-014  
P0100 Mass Or Volume Air Flow Circuit Low Input B-014  
P0105 Manifold Absolute Pressure (MAP) Sensor Voltage Low B-043  
P0105 Manifold Absolute Pressure (MAP) Sensor Voltage High B-043  
P0105 Manifold Absolute Pressure Sensor Circuit Malfunction B-043  
P0110 Intake Air Temperature Sensor Circuit Low Input B-044  
P0110 Intake Air Temperature Sensor Circuit High Input B-044  
P0115 Engine Coolant Temperature Circuit High Input Engine Cooling C-001  
P0115 Engine Coolant Temperature Circuit Low Input Engine Cooling C-001  
P0115 Engine Coolant Temperature Sensor Circuit Range/Performance Engine Cooling C-001  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit Low Input B-031  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit High Input B-031  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit Range/Performance Problem B-031  
P0130 O2 Sensor Circuit High Voltage (Bank 1 Sensor 1) C-027  
P0130 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1) C-027  
P0130 O2 Sensor Circuit Open (Bank 1 Sensor 1) C-027  
P0130 O2 Sensor Circuit Range/Performance (Bank 1 Sensor 1) C-027  
P0130 O2 Sensor Circuit Malfunction (Bank 1 Sensor 1) C-027  
P0134 O2 Sensor Failed C-027  
P0134 O2 Sensor Circuit Slow Response (Bank 1 Sensor 1) C-027  
P0135 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 1) B-017  
P0135 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 1) B-017

P0135 O2 Sensor Heater Circuit Open (Bank 1 Sensor 1) B-017  
P0136 O2 Sensor Circuit High Voltage (Bank 1 Sensor 2) C-029  
P0136 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2) C-029  
P0136 O2 Sensor Circuit Open (Bank 1 Sensor 2) C-029  
P0136 O2 Sensor Circuit Malfunction (Bank 1 Sensor 2) C-029  
P0141 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 2) B-018  
P0141 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 2) B-018  
P0141 O2 Sensor Heater Circuit Open (Bank 1 Sensor 2) B-018  
P0170 O2 Sensor Lean Exhaust B-015  
P0170 O2 Sensor Rich Exhaust B-015  
P0201 Cylinder 1 Injector Circuit High C-020  
P0201 Cylinder 1 Injector Circuit Low B-019  
P0201 Cylinder 1 Injector Circuit Open B-019  
P0202 Cylinder 2 Injector Circuit High C-021  
P0202 Cylinder 2 Injector Circuit Low B-020  
P0202 Cylinder 2 Injector Circuit Open B-020  
P0203 Cylinder 3 Injector Circuit High C-022  
P0203 Cylinder 3 Injector Circuit Low B-021  
P0203 Cylinder 3 Injector Circuit Open B-021  
P0204 Cylinder 4 Injector Circuit High C-023  
P0204 Cylinder 4 Injector Circuit Low B-022  
P0204 Cylinder 4 Injector Circuit Open B-022  
P0219 Engine Overspeed Condition C-031  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit High Input B-031  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit Low Input B-031  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit Range/Performance Problem B-031  
P0230 Fuel Pump Primary Circuit Low B-033  
P0230 Fuel Pump Primary Circuit High C-008  
P0301 Cylinder 1 Misfire Detected B-051  
P0302 Cylinder 2 Misfire Detected B-051  
P0303 Cylinder 3 Misfire Detected B-051  
P0304 Cylinder 4 Misfire Detected B-051  
P0315 Crankshaft Sensor Segment Error B-037  
P0315 Crankshaft Sensor Adaption Malfunction B-037  
P0325 Knock Sensor 1 Circuit Range/Performance (Bank 1 Or Single Sensor) B-049  
P0335 Crankshaft Sensor Open Circuit B-037  
P0335 Crankshaft Position Sensor Signal Range/Performance B-037  
P0335 Crankshaft Sensor Incorrect Signal B-037  
P0340 Intake Camshaft Position Sensor Circuit Open (Bank 1) B-038  
P0340 Intake Camshaft Position Range/Performance (Bank 1) B-038  
P0351 Ignition Coil Cylinder 1 Circuit High Voltage C-016  
P0351 Ignition Coil Cylinder 1 Circuit Range/Performance B-026  
P0352 Ignition Coil Cylinder 2 Circuit High Voltage C-017  
P0352 Ignition Coil Cylinder 2 Circuit Range/Performance B-027  
P0353 Ignition Coil Cylinder 3 Circuit High Voltage C-018  
P0353 Ignition Coil Cylinder 3 Circuit Range/Performance B-028  
P0354 Ignition Coil Cylinder 4 Circuit High Voltage C-019

P0354 Ignition Coil Cylinder 4 Circuit Range/Performance B-029  
P0365 Camshaft Position Sensor Circuit No Signal B-039  
P0365 Camshaft Position Sensor Circuit Range/Performance B-039  
P0420 Catalyst System Efficiency Below Threshold (Bank 1) B-046  
P0443 Fuel Tank Ventilation Valve Voltage High C-025  
P0443 Fuel Tank Ventilation Valve Voltage Low B-016  
P0443 Fuel Tank Ventilation Open Circuit B-016  
P0460 Invalid Data from REC (Rear Electrical Centre) IPC (Instrument) B-013  
P0480 Fan Control 1 Circuit High Voltage Engine Cooling B-004  
P0480 Fan Control 1 Circuit Low Voltage Engine Cooling B-004  
P0481 Fan Control 2 Circuit High Voltage Engine Cooling B-004  
P0481 Fan Control 2 Circuit Low Voltage Engine Cooling B-004  
P0482 Fan Control 3 Circuit High Voltage C-041  
P0482 Fan Control 3 Circuit Low Voltage C-041  
P0500 Vehicle Speed Signal Range/Performance B-048  
P0501 Vehicle Speed Sensor Malfunction B-048  
P0530 A/C Pressure Sensor Circuit High Input B-040  
P0530 A/C Pressure Sensor Circuit Open B-040  
P0564 Cruise Control Interface Malfunction CRC (Electronic Cruise Control) B-006  
P0571 Brake Light Switch Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P0571 Brake Light Switch Circuit High Input Exterior Lighting/Turn Indicator System B-014  
P0571 Cruise Control/Brake Switch "A" Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P0571 Brake Light Switch Circuit Low Input Exterior Lighting/Turn Indicator System B-014  
P0597 Coolant Thermostat Valve Stuck B-032  
P0597 Coolant Thermostat Valve Circuit Open B-032  
P0597 Coolant Thermostat Valve Circuit High Voltage B-032  
P0597 Coolant Thermostat Valve Circuit Low Voltage B-032  
P0601 Replace Electronic Control Unit (ECU) B-041  
P0621 Generator Lamp "L" Control Circuit Malfunction IPC (Instrument) C-021  
P0645 A/C Relay Voltage High Heating, Ventilation and Air Conditioning System B-017  
P0645 A/C Relay Voltage Low Heating, Ventilation and Air Conditioning System B-017  
P0650 CAN-Bus Failure - No CAN-Message B-045  
P0685 Main Relay Circuit High Voltage B-025  
P0685 Main Relay Circuit Low Voltage B-025  
P0700 Malfunction Indicator (MI) Request from Transmission Control Module (TCM) Range/Perform. B-047  
P0703 Brake Switch Circuit Low Voltage B-034  
P0703 Brake Switch Failure B-034  
P0703 Brake Switch Circuit High Voltage B-034  
P0703 Brake Switch Circuit Malfunction B-034  
P0704 Clutch Switch Input Circuit Malfunction CRC (Electronic Cruise Control) B-010  
P1610 Immobiliser Function not Programmed Immobiliser B-009  
P1610 Immobiliser Malfunction Immobiliser B-009  
P1611 Wrong Security Code Entered Immobiliser B-015

P1613 Immobiliser No Or Wrong Signal Immobiliser B-008  
P1614 Immobiliser Wrong Signal Received Immobiliser B-008  
P1614 Wrong Transponder Key Immobiliser B-006  
P1615 ECM (Engine Control Module) Identification Failed Immobiliser B-006  
P1616 CIM (Steering Column Module) Wrong Environment Identifier Immobiliser B-006  
P1700 Service Vehicle Soon Request from Transmission Control Module B-050  
P2101 Throttle Control Motor Malfunction B-031  
P2106 Electronic Throttle Control Reduced Power B-031  
P2106 Electronic Throttle Control Forced Idle B-031  
P2106 Electronic Throttle Control Power Management B-031  
P2106 Electronic Throttle Control Engine Stop B-031  
P2118 Powerstage Currentless B-031  
P2119 Throttle Control Malfunction B-031  
P2120 Accelerator Pedal Position Sensor 1 Voltage High B-030  
P2120 Accelerator Pedal Position Sensor 1 Voltage Low B-030  
P2120 Accelerator Pedal Position Sensor 1 and 2 Signal Incorrect Ratio B-030  
P2125 Accelerator Pedal Position Sensor 2 Voltage High B-030  
P2125 Accelerator Pedal Position Sensor 2 Voltage Low B-030  
P2176 Throttle Position Signal Malfunction B-031  
P2176 Lower Limit Adaption Error B-031  
P2176 Limp Home Adaption Error B-031  
P2176 Throttle Position Adaption Error B-031  
P2176 Battery Voltage Range/Performance B-031  
P2176 Engine Speed Signal Range/Performance B-031  
P2176 Throttle Relaxer Position Sensor Fault B-031  
P2176 Vehicle Speed Sensor Range/Performance B-031  
P2176 Intake Air Temperature Circuit Range/Performance Problem B-031  
P2182 Engine Coolant Temperature Sensor Open Or Short Circuit Engine Cooling C-002  
P2182 Engine Coolant Temperature Sensor Circuit Low Voltage Engine Cooling C-002  
P2182 Engine Coolant Temperature Sensor Circuit Range/Performance B-042  
P2639 Engine Torque Request Signal Range/Performance B-013  
U0402 Invalid Signal from TCM (Transmission Control Module) AF 17-4 Electronic 4-Speed Automatic Transmission B-024  
U0405 Invalid Signal from ACC (Adaptiv Cruise Control) CRC (Electronic Cruise Control) B-006  
U0415 Torque Signal Malfunction (CAN) ABS/TC/ESP (Vehicle Dynamic System) B-018  
U0424 Invalid Signal from ECC (Electronic Climate Control) ECC/SAC (Electronic Climate Control) C-003

## **Z17DTR Z17DTJ A17DTJ A17DTR**

P0001 Fuel Metering Solenoid Valve Circuit High Voltage C-018  
P0001 Fuel Metering Solenoid Valve Circuit Low Voltage C-018  
P0001 Fuel Metering Solenoid Valve Stuck B-025  
P0016 Crankshaft/Camshaft Correlation B-015  
P0030 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 1) B-024  
P0030 O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 1) B-024  
P0087 Rail Pressure Low Pressure B-025  
P0088 Rail Pressure High Pressure B-025  
P0093 Rail Pressure High Pressure B-025  
P0094 Rail Pressure Range/Performance B-025  
P0095 Charge Air Temperature Sensor High Input C-012  
P0095 Charge Air Temperature Sensor Low Input C-012  
P0100 Mass Or Volume Air Flow Circuit High Input B-021  
P0100 Mass Or Volume Air Flow Circuit Low Input B-021  
P0100 Mass or Volume Air Flow Sensor Circuit Range/Performance B-021  
P0110 Intake Air Temperature Sensor Circuit High Input C-011  
P0110 Intake Air Temperature Sensor Circuit Low Input C-011  
P0110 Intake Air Temperature Sensor Circuit High Frequency C-011  
P0110 Intake Air Temperature Sensor Circuit Low Frequency C-011  
P0115 Engine Coolant Temperature Circuit High Input Engine Cooling C-001  
P0115 Engine Coolant Temperature Circuit Low Input Engine Cooling C-001  
P0115 Engine Coolant Temperature Sensor Circuit Range/Performance Engine Cooling C-001  
P0130 O2 Sensor Ground Circuit High Voltage (Bank 1 Sensor 1) C-028  
P0130 O2 Sensor Ground Circuit Low Voltage (Bank 1 Sensor 1) C-028  
P0130 O2 Sensor Pump Current Circuit High Voltage (Bank 1 Sensor 1) C-028  
P0130 O2 Sensor Pump Current Circuit Low Voltage (Bank 1 Sensor 1) C-028  
P0130 O2 Sensor Circuit Malfunction (Bank 1 Sensor 1) C-028  
P0168 Fuel Quantity Reduction caused by High Exhaust Gas Temperature B-034  
P0180 Fuel Temperature Sensor Circuit High Input C-013  
P0180 Fuel Temperature Sensor Circuit Low Input C-013  
P0190 Rail Pressure Sensor High Voltage C-006  
P0190 Rail Pressure Sensor Low Voltage C-006  
P0190 Rail Pressure Range/Performance C-006  
P0190 Rail Pressure High Pressure C-006  
P0201 Cylinder 1 Injector Circuit Open C-019  
P0202 Cylinder 2 Injector Circuit Open C-020  
P0203 Cylinder 3 Injector Circuit Open C-021  
P0204 Cylinder 4 Injector Circuit Open C-022  
P0217 Engine Overtemperature Condition Engine Cooling B-008  
P0219 Engine Overspeed Condition C-007  
P0234 Boost Pressure High Pressure B-036  
P0235 Boost Pressure Sensor Circuit High Input C-009  
P0235 Boost Pressure Sensor Circuit Low Input C-009

P0235 Boost Pressure Sensor Circuit Range/Performance C-009  
P0243 Boost Pressure Valve High Voltage B-019  
P0243 Boost Pressure Valve Low Voltage B-019  
P0299 Boost Pressure Low Pressure B-036  
P0299 Intake Air System Leak Detected B-036  
P0301 Cylinder 1 Misfire Detected C-019  
P0302 Cylinder 2 Misfire Detected C-020  
P0303 Cylinder 3 Misfire Detected C-021  
P0304 Cylinder 4 Misfire Detected C-022  
P0335 Crankshaft Position Sensor Signal Range/Performance C-007  
P0335 Crankshaft Position Sensor Circuit Malfunction C-007  
P0340 Camshaft Position Sensor Circuit Malfunction C-008  
P0340 Camshaft Position Sensor Circuit Range/Performance C-008  
P0380 Glow Device Circuit High Voltage B-016  
P0380 Glow Device Circuit Low Voltage B-016  
P0400 Exhaust Gas Recirculation Valve Stuck C-015  
P0400 Exhaust Gas Recirculation Flow Excessive Detected C-015  
P0400 Exhaust Gas Recirculation Flow Insufficient Detected B-030  
P0403 Exhaust Gas Recirculation Circuit Open C-015  
P0403 Exhaust Gas Recirculation Circuit Low Voltage or High Voltage C-015  
P0409 Exhaust Gas Recirculation (EGR) Valve Feedback Voltage High C-015  
P0409 Exhaust Gas Recirculation (EGR) Valve Feedback Voltage Low C-015  
P0409 Exhaust Gas Recirculation (EGR) Valve Feedback Incorrect Signal C-015  
P0425 Exhaust Gas Temperature Sensor 1 High Voltage C-025  
P0425 Exhaust Gas Temperature Sensor 1 Low Voltage C-025  
P0425 Exhaust Gas Temperature Sensor 1 High Temperature C-025  
P0425 Exhaust Gas Temperature Sensor 1 Temperature not Plausible B-028  
P042A Exhaust Gas Temperature Sensor 2 High Voltage C-026  
P042A Exhaust Gas Temperature Sensor 2 Low Voltage C-026  
P042A Exhaust Gas Temperature Sensor 2 High Temperature C-026  
P042A Exhaust Gas Temp. Sen. 2 not Plausible with Exhaust Gas Temp. Sen. 1 and Intake Air Temp. B-029  
P0480 Fan Control 1 Circuit High Voltage Engine Cooling B-005  
P0480 Fan Control 1 Circuit Low Voltage Engine Cooling B-005  
P0481 Fan Control 2 Circuit High Voltage Engine Cooling B-005  
P0481 Fan Control 2 Circuit Low Voltage Engine Cooling B-005  
P0482 Fan Control 3 Circuit High Voltage Engine Cooling B-005  
P0482 Fan Control 3 Circuit Low Voltage Engine Cooling B-005  
P0500 Vehicle Speed Sensor Malfunction ABS/TC/ESP (Vehicle Dynamic System) B-010  
P0520 Engine Oil Pressure Sensor/Switch Circuit Range/Performance IPC (Instrument) C-018  
P0530 A/C Pressure Sensor Circuit Low Input Heating, Ventilation and Air Conditioning System C-009  
P0530 A/C Pressure Sensor Circuit High Input Heating, Ventilation and Air Conditioning System C-009  
P0530 A/C Pressure Sensor Circuit Open Heating, Ventilation and Air Conditioning System C-009  
P0571 Brake Light Switch Circuit Incorrect Signal Exterior Lighting/Turn Indicator

System B-014

P0571 Brake Light Switch Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P0571 Brake Light Switch Permanently Active Exterior Lighting/Turn Indicator System B-014  
P0615 Starter Relay Circuit High Voltage B-023  
P0615 Starter Relay Circuit Low Voltage B-023  
P0621 Generator Lamp "L" Control Circuit Malfunction IPC (Instrument) C-021  
P0622 Generator Field "F" Control Circuit Malfunction IPC (Instrument) C-021  
P0638 Throttle Control Solenoid Valve High Voltage B-017  
P0638 Throttle Control Solenoid Valve Low Voltage B-017  
P0641 5V Reference Circuit 1 High Voltage C-003  
P0641 5V Reference Circuit 1 Low Voltage C-003  
P0645 A/C Relay Voltage High Heating, Ventilation and Air Conditioning System B-017  
P0645 A/C Relay Voltage Low Heating, Ventilation and Air Conditioning System B-017  
P0651 5V Reference Circuit 2 High Voltage C-004  
P0651 5V Reference Circuit 2 Low Voltage C-004  
P0660 Swirl Level Control Solenoid Valve High Voltage B-018  
P0660 Swirl Level Control Solenoid Valve Low Voltage B-018  
P0683 Glow Device General Error B-016  
P0685 Main Relay Circuit High Voltage C-002  
P0685 Main Relay Stuck Closed C-002  
P0704 Clutch Switch Input Circuit Malfunction CRC (Electronic Cruise Control) B-011  
P1120 Accelerator Pedal Position Sensor 1 High Input C-005  
P1120 Accelerator Pedal Position Sensor 1 Low Input C-005  
P1120 Accelerator Pedal Position Sensor 1 and 2 Signal Incorrect Ratio C-005  
P1122 Accelerator Pedal Position Sensor 2 High Input C-005  
P1122 Accelerator Pedal Position Sensor 2 Low Input C-005  
P1571 Brake Light Switch Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P1571 Brake Switch Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P1610 Immobiliser Function not Programmed Immobiliser B-009  
P1610 Immobiliser Malfunction Immobiliser B-009  
P1611 Wrong Security Code Entered Immobiliser B-015  
P1613 Immobiliser No Or Wrong Signal Immobiliser B-008  
P1614 Immobiliser Wrong Signal Received Immobiliser B-008  
P1614 Wrong Transponder Key Immobiliser B-006  
P1615 ECM (Engine Control Module) Identification Failed Immobiliser B-006  
P1616 CIM (Steering Column Module) Wrong Environment Identifier Immobiliser B-006  
P1625 Main Relay Circuit Low Voltage B-020  
P1625 Main Relay Stuck Open B-020  
P2002 Particulate Filter Regeneration Not Completed B-037  
P2146 Cylinder 1 + 4 Injector Circuit Low Voltage C-023  
P2146 Cylinder 1 + 4 Injector Circuit High Voltage C-023  
P2149 Cylinder 2 + 3 Injector Circuit Low Voltage C-023  
P2149 Cylinder 2 + 3 Injector Circuit High Voltage C-023  
P2226 Barometric Pressure Sensor Circuit Low Input C-001  
P2226 Barometric Pressure Sensor Circuit High Input C-001



P2425 Exhaust Gas Recirculation Cooler Bypass Solenoid Valve Circuit High Voltage B-022  
P2425 Exhaust Gas Recirculation Cooler Bypass Solenoid Valve Circuit Low Voltage B-022  
P242F Diesel Particulate Filter Overloaded C-027  
P2452 Particulate Filter Pressure Sensor High Voltage B-026  
P2452 Particulate Filter Pressure Sensor Low Voltage B-026  
P2452 Particulate Filter Differential Pressure Signal not Plausible with Mass Air Flow B-026  
P2452 Particulate Filter Pressure Sensor Hose Line Malfunction B-026  
P2452 Particulate Filter Pressure Sensor High Pressure B-026  
P2620 Throttle Control Malfunction C-017  
U0405 Cruise Control Interface Malfunction CRC (Electronic Cruise Control) B-009

## **Z16LET**

P0070 Ambient Air Temperature Sensor Malfunction B-035  
P0100 Mass Or Volume Air Flow Circuit High Input B-025  
P0100 Mass Or Volume Air Flow Circuit Low Input B-025  
P0100 Mass Or Volume Air Flow Circuit Malfunction B-025  
P0110 Intake Air Temperature Sensor Circuit Low Input B-029  
P0110 Intake Air Temperature Sensor Circuit High Input B-029  
P0115 Engine Coolant Temperature Sensor Circuit Range/Performance Engine Cooling C-001  
P0115 Engine Coolant Temperature Circuit Low Input Engine Cooling C-001  
P0115 Engine Coolant Temperature Circuit High Input Engine Cooling C-001  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit High Input B-024  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit Low Input B-024  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit Range/Performance Problem B-024  
P0130 O2 Sensor Circuit High Voltage (Bank 1 Sensor 1) B-037  
P0130 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1) B-037  
P0130 O2 Sensor Circuit Range/Performance (Bank 1 Sensor 1) B-037  
P0130 No Plausibility between O2 Sensor 1 Bank 1 and O2 Sensor 2 Bank 1 B-036  
P0130 O2 Sensor Circuit Malfunction (Bank 1 Sensor 1) B-037  
P0135 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 1) C-017  
P0135 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 1) B-012  
P0135 O2 Sensor Heater Circuit Open (Bank 1 Sensor 1) B-012  
P0135 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 1) B-012  
P0136 O2 Sensor Circuit High Voltage (Bank 1 Sensor 2) B-038  
P0136 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2) B-038  
P0136 O2 Sensor Circuit Range/Performance (Bank 1 Sensor 2) B-038  
P0136 No Plausibility between O2 Sensor 1 Bank 1 and O2 Sensor 2 Bank 1 B-039  
P0136 O2 Sensor Circuit Malfunction (Bank 1 Sensor 2) B-039  
P0141 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 2) B-013  
P0141 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 2) B-013  
P0141 O2 Sensor Heater Circuit Open (Bank 1 Sensor 2) B-013  
P0141 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 2) B-013  
P0170 Fuel Trim Malfunction (Bank 1) B-022  
P0201 Cylinder 1 Injector Circuit High B-018  
P0201 Cylinder 1 Injector Circuit Low B-018  
P0201 Cylinder 1 Injector Circuit Open B-018  
P0202 Cylinder 2 Injector Circuit High B-019  
P0202 Cylinder 2 Injector Circuit Low B-019  
P0202 Cylinder 2 Injector Circuit Open B-019  
P0203 Cylinder 3 Injector Circuit High B-020  
P0203 Cylinder 3 Injector Circuit Low B-020  
P0203 Cylinder 3 Injector Circuit Open B-020  
P0204 Cylinder 4 Injector Circuit High B-021  
P0204 Cylinder 4 Injector Circuit Low B-021

P0204 Cylinder 4 Injector Circuit Open B-021  
P0219 Engine Overspeed Condition C-021  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit High Input B-024  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit Low Input B-024  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit Range/Performance Problem B-024  
P0230 Fuel Pump Primary Circuit Low B-011  
P0230 Fuel Pump Primary Circuit High B-011  
P0235 Boost Pressure Sensor Circuit Low Input B-028  
P0235 Boost Pressure Sensor Circuit High Input B-028  
P0243 Boost Pressure Valve High Voltage B-017  
P0243 Boost Pressure Valve Low Voltage B-017  
P0243 Boost Pressure Valve Circuit Open B-017  
P0300 Random/Multiple Cylinder Misfire Detected B-032  
P0301 Cylinder 1 Misfire Detected B-032  
P0302 Cylinder 2 Misfire Detected B-032  
P0303 Cylinder 3 Misfire Detected B-032  
P0304 Cylinder 4 Misfire Detected B-032  
P0313 Misfire Detected at Low Fuel Level B-032  
P0325 Knock Sensor 1 Circuit High Input (Bank 1 Or Single Sensor) B-033  
P0325 Knock Sensor 1 Circuit Low Input (Bank 1 Or Single Sensor) B-033  
P0335 Crankshaft Sensor Circuit Range/Performance B-027  
P0335 Crankshaft Sensor Incorrect Signal B-027  
P0340 Camshaft Position Sensor Circuit Low Input B-026  
P0340 Camshaft Position Sensor Circuit High Input B-026  
P0340 Camshaft Position Sensor Circuit Open B-026  
P0340 Camshaft Position Sensor Circuit Range/Performance B-026  
P0340 Camshaft Position Sensor Circuit Malfunction B-026  
P0420 Catalyst System Efficiency Below Threshold (Bank 1) B-023  
P0441 Evaporative Emission Control System Incorrect Purge Flow B-014  
P0443 Fuel Tank Ventilation Valve Voltage High B-014  
P0443 Fuel Tank Ventilation Valve Voltage Low B-014  
P0443 Fuel Tank Ventilation Open Circuit B-014  
P0460 Fuel Level Sensor Circuit High Input IPC (Instrument) B-013  
P0460 Fuel Level Sensor Circuit Low Input IPC (Instrument) B-013  
P0460 Fuel Level Sensor Circuit Range/Performance IPC (Instrument) B-013  
P0500 Vehicle Speed Signal Range/Performance B-034  
P0501 Vehicle Speed Signal Range/Performance B-034  
P0520 Engine Oil Pressure Sensor/Switch Circuit Range/Performance IPC (Instrument) C-018  
P0530 A/C Pressure Sensor Circuit High Input Heating, Ventilation and Air Conditioning System C-009  
P0530 A/C Pressure Sensor Circuit Low Input Heating, Ventilation and Air Conditioning System C-009  
P0571 Brake Light Switch Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P0607 Knock Control Module; Replace ECU B-033  
P0607 Knock Sensor Circuit Malfunction B-033

P0621 Generator Lamp "L" Control Circuit Malfunction IPC (Instrument) C-021  
P0650 Malfunction Indicator (MI) Circuit Malfunction IPC (Instrument) B-008  
P0704 Clutch Switch Input Circuit Malfunction CRC (Electronic Cruise Control) B-010  
P1105 Barometric Pressure Sensor Circuit Low Input C-026  
P1105 Barometric Pressure Sensor Circuit High Input C-026  
P1106 Boost Pressure Sensor Circuit Range/Performance B-028  
P1120 Accelerator Pedal Position Sensor 1 High Input C-004  
P1120 Accelerator Pedal Position Sensor 1 Low Input C-004  
P1120 Accelerator Pedal Position Sensor 1 and 2 Signal Incorrect Ratio C-004  
P1122 Accelerator Pedal Position Sensor 2 High Input C-004  
P1122 Accelerator Pedal Position Sensor 2 Low Input C-004  
P1230 Main Relay Malfunction Power Supply and Communication C-013  
P1243 Turbocharger Bypass Solenoid Valve Circuit High Voltage C-029  
P1243 Turbocharger Bypass Solenoid Valve Circuit Low Voltage B-016  
P1243 Turbocharger Bypass Solenoid Valve Circuit Open B-016  
P1243 Turbocharger Bypass Valve Range/Performance B-016  
P1481 Fan Control 1 Circuit High Voltage Engine Cooling B-004  
P1481 Fan Control 1 Circuit Low Voltage Engine Cooling B-004  
P1481 Fan Control 1 Circuit Open Engine Cooling B-004  
P1482 Fan Control 2 Circuit High Voltage Engine Cooling B-004  
P1482 Fan Control 2 Circuit Low Voltage Engine Cooling B-004  
P1482 Fan Control 2 Circuit Open Engine Cooling B-004  
P1483 Fan Control 3 Circuit High Voltage Engine Cooling B-004  
P1483 Fan Control 3 Circuit Low Voltage Engine Cooling B-004  
P1483 Fan Control 3 Circuit Open Engine Cooling B-004  
P1500 Electronic Throttle Control Malfunction B-015  
P1523 Throttle Actuator Control Return Performance B-015  
P1526 Throttle Control Lower Position not Learned B-015  
P1530 A/C Relay Voltage High Heating, Ventilation and Air Conditioning System B-017  
P1530 A/C Relay Voltage Low Heating, Ventilation and Air Conditioning System B-017  
P1530 A/C Relay Circuit Open Heating, Ventilation and Air Conditioning System B-017  
P1565 Cruise Control Interface Malfunction CRC (Electronic Cruise Control) B-006  
P1600 Engine Torque not plausible B-040  
P1606 Engine Torque not plausible B-040  
P1610 Immobiliser Function not Programmed Immobiliser B-009  
P1610 Immobiliser Malfunction Immobiliser B-009  
P1611 Wrong Security Code Entered Immobiliser B-015  
P1613 Immobiliser No Or Wrong Signal Immobiliser B-008  
P1614 Immobiliser Wrong Signal Received Immobiliser B-008  
P1614 Wrong Transponder Key Immobiliser B-006  
P1615 ECM (Engine Control Module) Identification Failed Immobiliser B-006  
P1616 CIM (Steering Column Module) Wrong Environment Identifier Immobiliser B-006  
P1811 Torque Signal Malfunction (CAN) ABS/TC/ESP (Vehicle Dynamic System) C-011  
P1814 Invalid Signal from ECC (Electronic Climate Control) ECC/SAC (Electronic Climate Control) B-032

## **Z16XER**

P0010 Intake Camshaft Phasing Powerstage Circuit High Voltage C-006  
P0010 Intake Camshaft Phasing Powerstage Circuit Low Voltage B-033  
P0010 Intake Camshaft Phasing Powerstage Circuit Open B-033  
P0011 Intake Camshaft Phasing Mechanics Malfunction B-033  
P0011 Intake Camshaft Phasing Mechanics Range/Performance (Bank 1) B-033  
P0011 Intake Camshaft Phasing Mechanical Reference Position Range/Performance (Bank 1) B-033  
P0013 Exhaust Camshaft Phasing Powerstage Circuit High Voltage C-007  
P0013 Exhaust Camshaft Phasing Powerstage Circuit Low Voltage B-034  
P0013 Exhaust Camshaft Phasing Powerstage Circuit Open B-034  
P0014 Exhaust Camshaft Phasing Mechanics Malfunction B-034  
P0014 Exhaust Camshaft Phasing Mechanics Range/Performance B-034  
P0014 Exhaust Camshaft Phasing Mechanical Reference Position Range/Performance B-034  
P0030 O2 Sensor Heater Circuit Range/Performance (Bank 1 Sensor 1) B-015  
P0036 O2 Sensor Heater Circuit Range/Performance (Bank 1 Sensor 2) B-016  
P0068 Load/Throttle Position not plausible B-029  
P0075 Intake Manifold Solenoid Valve 1 Circuit High Voltage B-021  
P0075 Intake Manifold Solenoid Valve 1 Circuit Low Voltage B-021  
P0105 Manifold Absolute Pressure (MAP) Sensor Voltage High B-040  
P0105 Manifold Absolute Pressure (MAP) Sensor Voltage Low B-040  
P0105 Manifold Absolute Pressure Sensor Circuit Malfunction B-040  
P0110 Intake Air Temperature Sensor Circuit Low Input C-012  
P0110 Intake Air Temperature Sensor Circuit High Input C-012  
P0115 Engine Coolant Temperature Circuit High Input Engine Cooling C-001  
P0115 Engine Coolant Temperature Circuit Low Input Engine Cooling C-001  
P0115 Engine Coolant Temperature Sensor Circuit Range/Performance Engine Cooling C-001  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit Low Input B-029  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit High Input B-029  
P0120 Throttle/Pedal Position Sensor/Switch "A" Circuit Range/Performance Problem B-029  
P0130 O2 Sensor Circuit High Voltage (Bank 1 Sensor 1) C-025  
P0130 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1) C-025  
P0130 O2 Sensor Circuit Open (Bank 1 Sensor 1) C-025  
P0130 O2 Sensor Circuit Range/Performance (Bank 1 Sensor 1) C-025  
P0130 O2 Sensor Circuit Malfunction (Bank 1 Sensor 1) C-025  
P0134 O2 Sensor Failed C-025  
P0134 O2 Sensor Circuit Slow Response (Bank 1 Sensor 1) C-025  
P0135 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 1) B-015  
P0135 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 1) B-015  
P0135 O2 Sensor Heater Circuit Open (Bank 1 Sensor 1) B-015  
P0136 O2 Sensor Circuit High Voltage (Bank 1 Sensor 2) C-027  
P0136 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2) C-027

P0136 O2 Sensor Circuit Open (Bank 1 Sensor 2) C-027  
P0136 O2 Sensor Circuit Malfunction (Bank 1 Sensor 2) C-027  
P0141 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 2) B-016  
P0141 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 2) B-016  
P0141 O2 Sensor Heater Circuit Open (Bank 1 Sensor 2) B-016  
P0170 O2 Sensor Lean Exhaust B-013  
P0170 O2 Sensor Rich Exhaust B-013  
P0201 Cylinder 1 Injector Circuit High C-018  
P0201 Cylinder 1 Injector Circuit Low B-017  
P0201 Cylinder 1 Injector Circuit Open B-017  
P0202 Cylinder 2 Injector Circuit High C-019  
P0202 Cylinder 2 Injector Circuit Low B-018  
P0202 Cylinder 2 Injector Circuit Open B-018  
P0203 Cylinder 3 Injector Circuit High C-020  
P0203 Cylinder 3 Injector Circuit Low B-019  
P0203 Cylinder 3 Injector Circuit Open B-019  
P0204 Cylinder 4 Injector Circuit High C-021  
P0204 Cylinder 4 Injector Circuit Low B-020  
P0204 Cylinder 4 Injector Circuit Open B-020  
P0219 Engine Overspeed Condition C-030  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit High Input B-029  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit Low Input B-029  
P0220 Throttle/Pedal Position Sensor/Switch "B" Circuit Range/Performance Problem B-029  
P0230 Fuel Pump Primary Circuit Low B-031  
P0230 Fuel Pump Primary Circuit High C-008  
P0301 Cylinder 1 Misfire Detected B-045  
P0302 Cylinder 2 Misfire Detected B-045  
P0303 Cylinder 3 Misfire Detected B-045  
P0304 Cylinder 4 Misfire Detected B-045  
P0315 Crankshaft Sensor Segment Error B-035  
P0315 Crankshaft Sensor Adaption Malfunction B-035  
P0325 Knock Sensor 1 Circuit Range/Performance (Bank 1 Or Single Sensor) B-044  
P0335 Crankshaft Sensor Open Circuit B-035  
P0335 Crankshaft Position Sensor Signal Range/Performance B-035  
P0335 Crankshaft Sensor Incorrect Signal B-035  
P0340 Intake Camshaft Position Sensor Circuit Open (Bank 1) B-036  
P0340 Intake Camshaft Position Range/Performance (Bank 1) B-036  
P0351 Ignition Coil Cylinder 1 Circuit High Voltage C-014  
P0351 Ignition Coil Cylinder 1 Circuit Range/Performance B-024  
P0352 Ignition Coil Cylinder 2 Circuit High Voltage C-015  
P0352 Ignition Coil Cylinder 2 Circuit Range/Performance B-025  
P0353 Ignition Coil Cylinder 3 Circuit High Voltage C-016  
P0353 Ignition Coil Cylinder 3 Circuit Range/Performance B-026  
P0354 Ignition Coil Cylinder 4 Circuit High Voltage C-017  
P0354 Ignition Coil Cylinder 4 Circuit Range/Performance B-027  
P0365 Camshaft Position Sensor Circuit No Signal B-037  
P0365 Camshaft Position Sensor Circuit Range/Performance B-037

P0420 Catalyst System Efficiency Below Threshold (Bank 1) B-042  
P0443 Fuel Tank Ventilation Valve Voltage High C-023  
P0443 Fuel Tank Ventilation Valve Voltage Low B-014  
P0443 Fuel Tank Ventilation Open Circuit B-014  
P0460 Invalid Data from REC (Rear Electrical Centre) IPC (Instrument) B-013  
P0480 Fan Control 1 Circuit High Voltage Engine Cooling B-004  
P0480 Fan Control 1 Circuit Low Voltage Engine Cooling B-004  
P0481 Fan Control 2 Circuit High Voltage Engine Cooling B-004  
P0481 Fan Control 2 Circuit Low Voltage Engine Cooling B-004  
P0482 Fan Control 3 Circuit High Voltage C-039  
P0482 Fan Control 3 Circuit Low Voltage C-039  
P0500 Vehicle Speed Signal Range/Performance B-043  
P0501 Vehicle Speed Sensor Malfunction B-043  
P0530 A/C Pressure Sensor Circuit High Input B-038  
P0530 A/C Pressure Sensor Circuit Open B-038  
P0564 Cruise Control Interface Malfunction CRC (Electronic Cruise Control) B-007  
P0571 Brake Light Switch Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P0571 Brake Light Switch Circuit High Input Exterior Lighting/Turn Indicator System B-014  
P0571 Cruise Control/Brake Switch "A" Circuit Malfunction Exterior Lighting/Turn Indicator System B-014  
P0571 Brake Light Switch Circuit Low Input Exterior Lighting/Turn Indicator System B-014  
P0597 Coolant Thermostat Valve Stuck B-030  
P0597 Coolant Thermostat Valve Circuit Open B-030  
P0597 Coolant Thermostat Valve Circuit High Voltage B-030  
P0597 Coolant Thermostat Valve Circuit Low Voltage B-030  
P0601 Replace Electronic Control Unit (ECU) B-039  
P0621 Generator Lamp "L" Control Circuit Malfunction IPC (Instrument) C-021  
P0645 A/C Relay Voltage High Heating, Ventilation and Air Conditioning System B-017  
P0645 A/C Relay Voltage Low Heating, Ventilation and Air Conditioning System B-017  
P0650 CAN-Bus Failure - No CAN-Message B-041  
P0685 Main Relay Circuit High Voltage B-023  
P0685 Main Relay Circuit Low Voltage B-023  
P0700 Malfunction Indicator (MI) Request from Transmission Control Module (TCM) Range/Perform. B-049  
P0703 Brake Switch Circuit Low Voltage B-032  
P0703 Brake Switch Failure B-032  
P0703 Brake Switch Circuit High Voltage B-032  
P0703 Brake Switch Circuit Malfunction B-032  
P0704 Clutch Switch Input Circuit Malfunction CRC (Electronic Cruise Control) B-010  
P1610 Immobiliser Function not Programmed Immobiliser B-009  
P1610 Immobiliser Malfunction Immobiliser B-009  
P1611 Wrong Security Code Entered Immobiliser B-015  
P1613 Immobiliser No Or Wrong Signal Immobiliser B-008  
P1614 Immobiliser Wrong Signal Received Immobiliser B-008  
P1614 Wrong Transponder Key Immobiliser B-008

P1615 ECM (Engine Control Module) Identification Failed Immobiliser B-006  
P1616 CIM (Steering Column Module) Wrong Environment Identifier Immobiliser B-006  
P1700 Service Vehicle Soon Request from Transmission Control Module B-049  
P2101 Throttle Control Motor Malfunction B-029  
P2106 Electronic Throttle Control Reduced Power B-029  
P2106 Electronic Throttle Control Forced Idle B-029  
P2106 Electronic Throttle Control Power Management B-029  
P2106 Electronic Throttle Control Engine Stop B-029  
P2118 Powerstage Currentless B-029  
P2119 Throttle Control Malfunction B-029  
P2120 Accelerator Pedal Position Sensor 1 Voltage High B-028  
P2120 Accelerator Pedal Position Sensor 1 Voltage Low B-028  
P2120 Accelerator Pedal Position Sensor 1 and 2 Signal Incorrect Ratio B-028  
P2125 Accelerator Pedal Position Sensor 2 Voltage High B-028  
P2125 Accelerator Pedal Position Sensor 2 Voltage Low B-028  
P2176 Throttle Position Signal Malfunction B-029  
P2176 Lower Limit Adaption Error B-029  
P2176 Limp Home Adaption Error B-029  
P2176 Throttle Position Adaption Error B-029  
P2176 Battery Voltage Range/Performance B-029  
P2176 Engine Speed Signal Range/Performance B-029  
P2176 Throttle Relaxer Position Sensor Fault B-029  
P2176 Vehicle Speed Sensor Range/Performance B-029  
P2176 Intake Air Temperature Circuit Range/Performance Problem B-029  
P2182 Engine Coolant Temperature Sensor Open Or Short Circuit Engine Cooling C-002  
P2182 Engine Coolant Temperature Sensor Circuit Low Voltage Engine Cooling C-002  
P2182 Engine Coolant Temperature Sensor Circuit Range/Performance Engine Cooling C-002  
P2639 Engine Torque Request Signal Range/Performance B-012  
U0402 Invalid Signal from TCM (Transmission Control Module) AF 17-4 Electronic 4-Speed Automatic Transmission B-024  
U0405 Invalid Signal from ACC (Adaptiv Cruise Control) CRC (Electronic Cruise Control) B-006  
U0415 Torque Signal Malfunction (CAN) ABS/TC/ESP (Vehicle Dynamic System) B-018  
U0424 Invalid Signal from ECC (Electronic Climate Control) ECC/SAC (Electronic Climate Control) C-003



# **Chassis Control Codes**

## **ABS/ESP/TC Vehicle Dynamic System**

B0946 Sport Mode Switch LED Circuit Low Voltage C-017  
B0946 Sport Mode Switch LED Circuit Open Circuit or High Voltage C-017  
B1012 Steering Angle Sensor Not Calibrated B-015  
B1020 Steering Angle Sensor Angle Range/Performance B-015  
B1020 Steering Angle Sensor Angular Velocity Range/Performance C-008  
B1020 Steering Angle Sensor Circuit Malfunction C-008  
B2795 Sport Mode Switch Circuit Open or High Voltage C-016  
B2795 Sport Mode Switch Stuck C-016  
C0035 Front Left Wheel Speed Sensor No Signal C-001  
C0035 Front Left Wheel Speed Sensor Malfunction C-001  
C0035 Front Left Wheel Speed Sensor Range/Performance C-001  
C0040 Front Right Wheel Speed Sensor No Signal C-002  
C0040 Front Right Wheel Speed Sensor Malfunction C-002  
C0040 Front Right Wheel Speed Sensor Range/Performance C-002  
C0045 Rear Left Wheel Speed Sensor No Signal C-003  
C0045 Rear Left Wheel Speed Sensor Circuit Malfunction C-003  
C0045 Rear Left Wheel Speed Sensor Range/Performance C-003  
C0050 Rear Right Wheel Speed Sensor No Signal C-004  
C0050 Rear Right Wheel Speed Sensor Malfunction C-004  
C0050 Rear Right Wheel Speed Sensor Range/Performance C-004  
C0060 Front Left Inlet Solenoid Valve Circuit Malfunction C-009  
C0065 Front Left Outlet Solenoid Valve Circuit Malfunction C-009  
C0070 Front Right Inlet Solenoid Valve Circuit Malfunction C-009  
C0075 Front Right Outlet Solenoid Valve Circuit Malfunction C-009  
C0080 Rear Left Inlet Solenoid Valve Circuit Malfunction C-009  
C0085 Rear Left Outlet Solenoid Valve Circuit Malfunction C-009  
C0090 Rear Right Inlet Solenoid Valve Circuit Malfunction C-009  
C0095 Rear Right Outlet Solenoid Valve Circuit Malfunction C-009  
C0110 Return Pump Circuit Malfunction B-008  
C0121 Valve Relay Circuit Malfunction C-009  
C0131 Pressure Sensor Circuit Malfunction C-006  
C0131 Pressure Sensor Signal Circuit Range/Performance C-006  
C0131 Pressure Sensor not Calibrated C-006  
C0141 Front Left/Rear Right TC/ESP Primary Solenoid Valve Circuit Malfunction C-009  
C0146 Front Left/Rear Right TC/ESP Switchover Solenoid Valve Circuit Malfunction C-009  
C0151 Front Right/Rear Left TC/ESP Primary Solenoid Valve Circuit Malfunction C-009  
C0156 Front Right/Rear Left TC/ESP Switchover Solenoid Valve Circuit Malfunction C-009  
C0161 Brake Light Switch malfunction Exterior Lighting/Turn Indicator System B-014  
C0186 Lateral Acceleration Sensor not Calibrated B-016  
C0186 Lateral Acceleration Sensor Circuit Malfunction C-007

C0186 Lateral Acceleration Sensor Circuit Range/Performance C-007  
C0196 Yaw Rate Sensor Circuit Range/Performance C-007  
C0196 Yaw Rate Sensor Circuit Malfunction C-007  
C0236 Invalid Data from ECM (Engine Control Module) B-018  
C0237 Accelerator Pedal Position Sensor Incorrect Signal B-018  
C0240 Invalid Data from ECM (Engine Control Module) B-018  
C0241 Engine Torque Request Signal Range/Performance B-018  
C0242 Engine Torque Request Signal Range/Performance B-018  
C0244 Invalid Data from ECM (Engine Control Module) B-018  
C0280 ESP Activation Time Out Of Range C-007  
C0287 Longitudinal Acceleration Sensor not Calibrated B-016  
C0287 Longitudinal Acceleration Sensor Circuit Malfunction C-007  
C0287 Longitudinal Acceleration Sensor Circuit Range/Performance C-007  
C0292 Sensor Cluster Power Supply Range/Performance C-007  
C0292 Sensor Cluster Malfunction C-007  
C0460 Steering Angle Sensor not Calibrated B-015  
C0460 Steering Angle Sensor Circuit Malfunction C-008  
C0460 Steering Angle Sensor not initialized C-008  
C0460 Invalid Data from Steering Angle Sensor C-008  
C0460 Steering Angle Sensor Signal Circuit Range/Performance B-015  
C0730 Invalid Gear Signal from TCM(Transmission Control Module) B-017  
C0736 Invalid Gear Signal from CIM (Steering Column Module) B-017  
P0500 Vehicle Speed Signal Range/Performance B-009  
U1500 Local CAN-Bus Malfunction C-007  
U2142 CAN-Bus No Communication with YRS (Yaw Rate Sensor) C-007  
U2143 Steering Angle Sensor not Calibrated B-015

## **Cruise Control**

B3643 Adaptive Cruise Control "Set" Switch Stuck B-007  
B3643 Adaptive Cruise Control "Set" Switch Circuit Resistance Range/Performance B-007  
B3794 Cruise Control "Set" Switch Circuit Resistance Range/Performance B-007  
B3794 Cruise Control "Set" Switch Stuck

## **Tyre Pressure Monitoring System**

B2816 TPMS Switch Stuck (Tyre Pressure Monitoring System) C-005  
B2816 TPMS Switch Circuit Open or High Voltage (Tyre Pressure Monitoring System) C-005  
C0558 Tyre Pressure Sensors IDs Not Learned C-002  
C0750 Front Left Pressure Sensor Circuit Range/Performance C-006

C0750 Pressure Sensor Module A Malfunction C-004  
C0755 Front Right Pressure Sensor Circuit Range/Performance C-007  
C0755 Pressure Sensor Module B Malfunction C-004  
C0760 Rear Left Pressure Sensor Circuit Range/Performance C-008  
C0760 Pressure Sensor Module C Malfunction C-004  
C0765 Rear Right Pressure Sensor Circuit Range/Performance C-009  
C0765 Pressure Sensor Module D Malfunction C-004  
C0785 One Tyre Pressure Sensor Battery Low Voltage C-002  
C0785 One Tyre Pressure Sensor Malfunction C-002  
C0786 Two Tyre Pressure Sensors Battery Low Voltage C-002  
C0786 Two Tyre Pressure Sensors Malfunction C-002  
C0787 Three Tyre Pressure Sensors Battery Low Voltage C-002  
C0787 Three Tyre Pressure Sensors Malfunction C-002  
C0788 Four Tyre Pressure Sensors Battery Low Voltage C-002  
C0788 Four Tyre Pressure Sensors Malfunction C-002  
U2117 Invalid Data from DIS (Display) B-006  
U2139 Invalid Data from CIM (Steering Column Module) B-006  
U2140 Invalid Data from UEC (Underhood Electrical Centre) B-006  
U2149 Invalid Signal from TPMS (Tyre Pressure Monitoring System) B-006

## **Steering**

C1512 Electronic Control Unit (ECU) Fault - Temperature C-001  
C1526 Motor Malfunction C-001  
C1527 Motor Circuit High Current C-001  
C1531 Motor Lock Protection Active C-002  
U2105 Generator Malfunction C-001  
U2105 CAN-Bus CIM Message Range/Performance B-009  
U2139 Airbag Deployed B-010  
U2139 CAN-Bus ECM Message Range/Performance

## **Suspension**

C0000 Damper Mode Switch Information Via CAN-Bus Incorrect Signal B-012  
C0035 Front Left Wheel Speed Sensor Incorrect Signal B-011  
C0040 Front Right Wheel Speed Sensor Incorrect Signal B-011  
C0045 Rear Left Wheel Speed Sensor Incorrect Signal B-011  
C0050 Rear Right Wheel Speed Sensor Incorrect Signal B-011  
C0131 Brake Pressure Sensor Malfunction B-013  
C0161 Brake Switch Circuit Malfunction B-014  
C0244 Invalid Data from ECM (Engine Control Module) C-014  
C0460 Steering Angle Sensor Incorrect Signal B-008  
C0570 Front Left Damper Valve Circuit Low Voltage C-007  
C0570 Front Left Damper Valve Circuit Malfunction C-007  
C0570 Front Left Damper Valve Circuit Open C-007

C0570 Front Left Damper Valve Circuit High Voltage C-007  
C0575 Front Left Damper Valve Circuit Low Voltage C-007  
C0575 Front Left Damper Valve Circuit Open C-007  
C0575 Front Left Damper Valve Circuit Malfunction C-007  
C0580 Front Right Damper Valve Circuit Malfunction C-008  
C0580 Front Right Damper Valve Circuit Low Voltage C-008  
C0580 Front Right Damper Valve Circuit Open C-008  
C0580 Front Right Damper Valve Circuit High Voltage C-008  
C0585 Rear Left Damper Valve Circuit Low Voltage C-009  
C0585 Rear Left Damper Valve Circuit Malfunction C-009  
C0585 Rear Left Damper Valve Circuit Open C-009  
C0585 Rear Left Damper Valve Circuit High Voltage C-009  
C0590 Rear Right Damper Valve Circuit Low Voltage C-010  
C0590 Rear Right Damper Valve Circuit Malfunction C-010  
C0590 Rear Right Damper Valve Circuit Open C-010  
C0590 Rear Right Damper Valve Circuit High Voltage C-010  
C0595 Front Left Body Acceleration Sensor Circuit Low Voltage B-010  
C0595 Front Left Body Acceleration Sensor Circuit High Voltage B-010  
C0595 Front Left Body Acceleration Sensor Circuit Voltage Range/Performance B-010  
C0600 Front Right Body Acceleration Sensor Circuit Low Voltage B-010  
C0600 Front Right Body Acceleration Sensor Circuit High Voltage B-010  
C0600 Front Right Body Acceleration Sensor Circuit Voltage Range/Performance B-010  
C0605 Rear Body Acceleration Sensor Circuit Low Voltage B-010  
C0605 Rear Body Acceleration Sensor Circuit High Voltage B-010  
C0605 Rear Body Acceleration Sensor Circuit Voltage Range/Performance B-010  
C0670 Front Left Wheel Acceleration Sensor Circuit Low Voltage B-010  
C0670 Front Left Wheel Acceleration Sensor Circuit High Voltage B-010  
C0670 Front Left Wheel Acceleration Sensor Circuit Voltage Range/Performance B-010  
C0675 Front Right Wheel Acceleration Sensor Circuit Low Voltage B-010  
C0675 Front Right Wheel Acceleration Sensor Circuit High Voltage B-010  
C0675 Front Right Wheel Acceleration Sensor Circuit Voltage Range/Performance B-010  
C0895 Sensors Power Supply Circuit Low Voltage C-001  
C0895 Sensors Power Supply Circuit High Voltage C-001  
C0905 Vehicle Speed Signal Range/Performance B-011  
C0910 Wheel Acceleration Sensor Circuit Malfunction B-015  
C0915 Body Acceleration Sensor Circuit Malfunction B-016  
C1690 Damper Mode Request Range/Performance C-013  
C1690 Invalid Damper Mode Request via Can Bus C-013

## **Airbag Codes**

### **All Cars NOT TWIN TOP**

B0012 Driver Airbag Squib Circuit (Stage 1) High Voltage C-002  
B0012 Driver Airbag Squib Circuit (Stage 1) Low Voltage C-002  
B0012 Driver Airbag Squib Circuit (Stage1) Open C-002  
B0012 Driver Airbag Squib Circuit (Stage1) High Resistance C-002  
B0012 Driver Airbag Squib Circuit (Stage1) Low Resistance B-009  
B0012 Driver Airbag Squib Circuit (Stage 1) Shorted With Other Squib Circuit C-003  
B0013 Driver Airbag Squib Circuit (Stage 2) High Voltage C-004  
B0013 Driver Airbag Squib Circuit (Stage 2) Low Voltage C-004  
B0013 Driver Airbag Squib Circuit (Stage2) Open C-004  
B0013 Driver Airbag Squib Circuit (Stage 2) High Resistance C-004  
B0013 Driver Airbag Squib Circuit (Stage 2) Low Resistance B-009  
B0013 Driver Airbag Squib Circuit (Stage 2) Shorted With Other Squib Circuit C-005  
B0014 Driver Side Airbag Squib Circuit High Voltage C-006  
B0014 Driver Side Airbag Squib Circuit Low Voltage C-006  
B0014 Driver Side Airbag Squib Circuit Open C-006  
B0014 Driver Side Airbag Squib Circuit High Resistance C-006  
B0014 Driver Side Airbag Squib Circuit Low Resistance B-009  
B0014 Driver Side Airbag Squib Circuit Shorted With Other Squib Circuit C-007  
B0015 Driver Pretensioner Circuit High Voltage C-008  
B0015 Driver Pretensioner Circuit Low Voltage C-008  
B0015 Driver Pretensioner Circuit Open C-008  
B0015 Driver Pretensioner Circuit High Resistance C-008  
B0015 Driver Pretensioner Circuit Low Resistance B-009  
B0015 Driver Pretensioner Circuit Shorted With Other Squib Circuit C-009  
B0016 Driver Curtain Airbag Squib Circuit High Voltage C-010  
B0016 Driver Curtain Airbag Squib Circuit Low Voltage C-010  
B0016 Driver Curtain Airbag Squib Circuit Open C-010  
B0016 Driver Curtain Airbag Squib Circuit High Resistance C-010  
B0016 Driver Curtain Airbag Squib Circuit Low Resistance B-009  
B0016 Driver Curtain Airbag Squib Circuit Shorted With Other Squib Circuit C-011  
B0019 Passenger Airbag Squib Circuit (Stage 1) High Voltage C-012  
B0019 Passenger Airbag Squib Circuit (Stage 1) Low Voltage C-012  
B0019 Passenger Airbag Squib Circuit (Stage1) Open C-012  
B0019 Passenger Airbag Squib Circuit (Stage1) High Resistance C-012  
B0019 Passenger Airbag Squib Circuit (Stage1) Low Resistance B-009  
B0019 Passenger Airbag Squib Circuit (Stage 1) Shorted With Other Squib Circuit C-013  
B0020 Passenger Airbag Squib Circuit (Stage 2) High Voltage C-014  
B0020 Passenger Airbag Squib Circuit (Stage 2) Low Voltage C-014  
B0020 Passenger Airbag Squib Circuit (Stage2) Open C-014  
B0020 Passenger Airbag Squib Circuit (Stage 2) High Resistance C-014  
B0020 Passenger Airbag Squib Circuit (Stage 2) Low Resistance B-009  
B0020 Passenger Airbag Squib Circuit (Stage 2) Shorted With Other Squib Circuit C-015  
B0021 Passenger Side Airbag Squib Circuit High Voltage C-016

B0021 Passenger Side Airbag Squib Circuit Low Voltage C-016  
B0021 Passenger Side Airbag Squib Circuit Open C-016  
B0021 Passenger Side Airbag Squib Circuit High Resistance C-016  
B0021 Passenger Side Airbag Squib Circuit Low Resistance B-009  
B0021 Passenger Side Airbag Squib Circuit Shorted With Other Squib Circuit C-017  
B0022 Passenger Pretensioner Circuit High Voltage C-018  
B0022 Passenger Pretensioner Circuit Low Voltage C-018  
B0022 Passenger Pretensioner Circuit Open C-018  
B0022 Passenger Pretensioner Circuit High Resistance C-018  
B0022 Passenger Pretensioner Circuit Low Resistance B-009  
B0022 Passenger Pretensioner Circuit Shorted With Other Squib Circuit C-019  
B0023 Passenger Curtain Airbag Squib Circuit High Voltage C-020  
B0023 Passenger Curtain Airbag Squib Circuit Low Voltage C-020  
B0023 Passenger Curtain Airbag Squib Circuit Open C-020  
B0023 Passenger Curtain Airbag Squib Circuit High Resistance C-020  
B0023 Passenger Curtain Airbag Squib Circuit Low Resistance B-009  
B0023 Passenger Curtain Airbag Squib Circuit Shorted With Other Squib Circuit C-021  
B0051 Squib Circuits Activated (Crash) B-006  
B0052 Passenger Airbag Locked by SOD (Seat Occupied Detection) B-006  
B0053 Deployment Commanded With Troublecodes in Squib Circuits Present B-006  
B0054 Passenger Side Airbag Locked by SOD (Seat Occupied Detection) B-006  
B0055 Side Airbag Activated B-006  
B0058 Passenger Pretensioner Locked by SOD (Seat Occupied Detection) B-006  
B0081 SPPD Sensor Not Connected (Simple Passenger Presence Detection) C-022  
B0081 SOD PPD Sensor Malfunction (Seat Occupied Detection) (Passenger Presence Detection) C-022  
B0082 SOD CSD Sensor Malfunction (Seat Occupied Detection) (Child Seat Detection) C-022  
B0083 Left Or Middle EFS Not Programmed (Electronical Front Impact Sensor) B-007  
B0083 Left Or Middle EFS Circuit High Voltage (Electronical Front Impact Sensor) C-023  
B0083 Left Or Middle EFS Circuit Low Voltage (Electronical Front Impact Sensor) C-023  
B0083 Replace Left Or Middle EFS (Electronical Front Impact Sensor) C-023  
B0083 Incorrect Left Or Middle EFS Installed (Electronical Front Impact Sensor) C-023  
B0083 Invalid Data From Left Or Middle EFS (Electronical Front Impact Sensor) C-023  
B0085 Driver SIS Not Programmed (Side Impact Sensor) B-007  
B0085 Driver SIS Circuit High Voltage (Side Impact Sensor) C-024  
B0085 Driver SIS Circuit Low Voltage (Side Impact Sensor) C-024  
B0085 Replace Driver SIS (Side Impact Sensor) C-024  
B0085 Incorrect Driver SIS Installed (Side Impact Sensor) C-024  
B0085 Invalid Data From Driver SIS (Side Impact Sensor) C-024  
B0086 Passenger SIS Not Programmed (Side Impact Sensor) B-007  
B0086 Passenger SIS Circuit High Voltage (Side Impact Sensor) C-025  
B0086 Passenger SIS Circuit Low Voltage (Side Impact Sensor) C-025  
B0086 Replace Passenger SIS (Side Impact Sensor) C-025  
B0086 Incorrect Passenger SIS Installed (Side Impact Sensor) C-025  
B0086 Invalid Data From Passenger SIS (Side Impact Sensor) C-025  
B0099 Communication Malfunction Between Airbag And Telematic Unit C-026

B0670 Airbag Telltale Circuit Malfunction IPC (Instrument) C-009  
B0975 CSD Telltale Circuit Malfunction (Child Seat Detection) IPC (Instrument) C-009  
B1000 Electronic Control Unit Not Reusable C-001  
B1000 Trouble Code Memory Full C-027  
U1327 Seat Occupied Detection System Voltage Low B-008  
U2050 SOD Not Programmed (Seat Occupied Detection) B-007  
U2050 SOD Circuit High Voltage (Seat Occupied Detection) C-022  
U2050 SOD Circuit Low Voltage (Seat Occupied Detection) C-022  
U2050 Invalid Data from SOD (Seat Occupied Detection) C-022

## **Twin Top**

B0012 Driver Airbag Squib Circuit (Stage 1) High Voltage C-002  
B0012 Driver Airbag Squib Circuit (Stage 1) Low Voltage C-002  
B0012 Driver Airbag Squib Circuit (Stage1) Open C-002  
B0012 Driver Airbag Squib Circuit (Stage1) High Resistance C-002  
B0012 Driver Airbag Squib Circuit (Stage1) Low Resistance B-007  
B0012 Driver Airbag Squib Circuit (Stage 1) Shorted With Other Squib Circuit C-003  
B0013 Driver Airbag Squib Circuit (Stage 2) High Voltage C-004  
B0013 Driver Airbag Squib Circuit (Stage 2) Low Voltage C-004  
B0013 Driver Airbag Squib Circuit (Stage2) Open C-004  
B0013 Driver Airbag Squib Circuit (Stage 2) High Resistance C-004  
B0013 Driver Airbag Squib Circuit (Stage 2) Low Resistance B-007  
B0013 Driver Airbag Squib Circuit (Stage 2) Shorted With Other Squib Circuit C-005  
B0014 Driver Side Airbag Squib Circuit High Voltage C-006  
B0014 Driver Side Airbag Squib Circuit Low Voltage C-006  
B0014 Driver Side Airbag Squib Circuit Open C-006  
B0014 Driver Side Airbag Squib Circuit High Resistance C-006  
B0014 Driver Side Airbag Squib Circuit Low Resistance B-007  
B0014 Driver Side Airbag Squib Circuit Shorted With Other Squib Circuit C-007  
B0015 Driver Pretensioner Circuit High Voltage C-008  
B0015 Driver Pretensioner Circuit Low Voltage C-008  
B0015 Driver Pretensioner Circuit Open C-008  
B0015 Driver Pretensioner Circuit High Resistance C-008  
B0015 Driver Pretensioner Circuit Low Resistance B-007  
B0015 Driver Pretensioner Circuit Shorted With Other Squib Circuit C-009  
B0019 Passenger Airbag Squib Circuit (Stage 1) High Voltage C-012  
B0019 Passenger Airbag Squib Circuit (Stage 1) Low Voltage C-012  
B0019 Passenger Airbag Squib Circuit (Stage1) Open C-012  
B0019 Passenger Airbag Squib Circuit (Stage1) High Resistance C-012  
B0019 Passenger Airbag Squib Circuit (Stage1) Low Resistance B-007  
B0019 Passenger Airbag Squib Circuit (Stage 1) Shorted With Other Squib Circuit C-013  
B001C Left Rollover Bar Squib Circuit High Voltage C-010  
B001C Left Rollover Bar Squib Circuit Low Voltage C-010  
B001C Left Rollover Bar Squib Circuit Open C-010  
B001C Left Rollover Bar Squib Circuit High Resistance C-010

B001C Left Rollover Bar Squib Circuit Low Resistance B-007  
B001C Left Rollover Bar Squib Circuit Shorted With Other Squib Circuit C-011  
B001D Right Rollover Bar Squib Circuit High Voltage C-020  
B001D Right Rollover Bar Squib Circuit Low Voltage C-020  
B001D Right Rollover Bar Squib Circuit Open C-020  
B001D Right Rollover Bar Squib Circuit High Resistance C-020  
B001D Right Rollover Bar Squib Circuit Low Resistance B-007  
B001D Right Rollover Bar Squib Circuit Shorted With Other Squib Circuit C-021  
B0020 Passenger Airbag Squib Circuit (Stage 2) High Voltage C-014  
B0020 Passenger Airbag Squib Circuit (Stage 2) Low Voltage C-014  
B0020 Passenger Airbag Squib Circuit (Stage2) Open C-014  
B0020 Passenger Airbag Squib Circuit (Stage 2) High Resistance C-014  
B0020 Passenger Airbag Squib Circuit (Stage 2) Low Resistance B-007  
B0020 Passenger Airbag Squib Circuit (Stage 2) Shorted With Other Squib Circuit C-015  
B0021 Passenger Side Airbag Squib Circuit High Voltage C-016  
B0021 Passenger Side Airbag Squib Circuit Low Voltage C-016  
B0021 Passenger Side Airbag Squib Circuit Open C-016  
B0021 Passenger Side Airbag Squib Circuit High Resistance C-016  
B0021 Passenger Side Airbag Squib Circuit Low Resistance B-007  
B0021 Passenger Side Airbag Squib Circuit Shorted With Other Squib Circuit C-017  
B0022 Passenger Pretensioner Circuit High Voltage C-018  
B0022 Passenger Pretensioner Circuit Low Voltage C-018  
B0022 Passenger Pretensioner Circuit Open C-018  
B0022 Passenger Pretensioner Circuit High Resistance C-018  
B0022 Passenger Pretensioner Circuit Low Resistance B-007  
B0022 Passenger Pretensioner Circuit Shorted With Other Squib Circuit C-019  
B0051 Squib Circuits Activated (Crash) B-008  
B0052 Passenger Airbag Locked by SOD (Seat Occupied Detection) B-008  
B0053 Deployment Commanded With Troublecodes in Squib Circuits Present B-008  
B0054 Passenger Side Airbag Locked by SOD (Seat Occupied Detection) B-008  
B0055 Side Airbag Activated B-008  
B0058 Passenger Pretensioner Locked by SOD (Seat Occupied Detection) B-008  
B0081 SPPD Sensor Not Connected (Simple Passenger Presence Detection) C-022  
B0081 SOD PPD Sensor Malfunction (Seat Occupied Detection) (Passenger Presence Detection) C-022  
B0082 SOD CSD Sensor Malfunction (Seat Occupied Detection) (Child Seat Detection) C-022  
B0083 Left Or Middle EFS Not Programmed (Electronical Front Impact Sensor) B-006  
B0083 Left Or Middle EFS Circuit High Voltage (Electronical Front Impact Sensor) C-023  
B0083 Left Or Middle EFS Circuit Low Voltage (Electronical Front Impact Sensor) C-023  
B0083 Replace Left Or Middle EFS (Electronical Front Impact Sensor) C-023  
B0083 Incorrect Left Or Middle EFS Installed (Electronical Front Impact Sensor) C-023  
B0083 Invalid Data From Left Or Middle EFS (Electronical Front Impact Sensor) C-023  
B0085 Driver SIS Not Programmed (Side Impact Sensor) B-006  
B0085 Driver SIS Circuit High Voltage (Side Impact Sensor) C-024  
B0085 Driver SIS Circuit Low Voltage (Side Impact Sensor) C-024  
B0085 Replace Driver SIS (Side Impact Sensor) C-024



B0085 Incorrect Driver SIS Installed (Side Impact Sensor) C-024  
B0085 Invalid Data From Driver SIS (Side Impact Sensor) C-024  
B0086 Passenger SIS Not Programmed (Side Impact Sensor) B-006  
B0086 Passenger SIS Circuit High Voltage (Side Impact Sensor) C-025  
B0086 Passenger SIS Circuit Low Voltage (Side Impact Sensor) C-025  
B0086 Replace Passenger SIS (Side Impact Sensor) C-025  
B0086 Incorrect Passenger SIS Installed (Side Impact Sensor) C-025  
B0086 Invalid Data From Passenger SIS (Side Impact Sensor) C-025  
B0099 Communication Malfunction Between Airbag And Telematic Unit C-026  
B0670 Airbag Telltale Circuit Malfunction IPC (Instrument) C-009  
B0975 CSD Telltale Circuit Malfunction (Child Seat Detection) IPC (Instrument) C-009  
B1000 Electronic Control Unit Not Reusable C-001  
B1000 Trouble Code Memory Full C-027  
U1327 Seat Occupied Detection System Voltage Low B-009  
U2050 SOD Not Programmed (Seat Occupied Detection) B-006  
U2050 SOD Circuit High Voltage (Seat Occupied Detection) C-022  
U2050 SOD Circuit Low Voltage (Seat Occupied Detection) C-022  
U2050 Invalid Data from SOD (Seat Occupied Detection) C-022

## **Door Locking Codes**

B2976 Driver Door Switch Circuit Open or High Voltage B-009  
B2991 Passenger Door Switch Circuit Open or High Voltage B-010  
B2996 Rear Left Door Switch Circuit Open or High Voltage B-011  
B3001 Rear Right Door Switch Circuit Open or High Voltage B-012  
B3011 Trunk Switch Circuit Open or High Voltage C-006  
B3109 Remote-Key 1 System Voltage Low Voltage Immobiliser C-002  
B3110 Remote-Key 2 System Voltage Low Voltage Immobiliser C-002  
B3111 Remote-Key 3 System Voltage Low Voltage Immobiliser C-002  
B3112 Remote-Key 4 System Voltage Low Voltage Immobiliser C-002  
B3113 Remote-Key 5 System Voltage Low Voltage Immobiliser C-002  
B3114 Remote-Key 1 Not Synchronized Immobiliser C-002  
B3115 Remote-Key 2 Not Synchronized Immobiliser C-002  
B3116 Remote-Key 3 Not Synchronized Immobiliser C-002  
B3117 Remote-Key 4 Not synchronized Immobiliser C-002  
B3118 Remote-Key 5 Not Synchronized Immobiliser C-002  
B3130 Doors Unlock Circuit Malfunction B-013  
B3135 Doors Lock Circuit Malfunction B-013  
B3150 Central Door Lock Switch Stuck C-007  
B3265 Trunk Release Switch Stuck C-008  
B3265 Trunk Release Circuit Malfunction B-014  
B3797 Doors Deadlock Circuit Malfunction B-013  
B3803 Windows Comfort Closing Circuit Malfunction C-011  
B3803 Comfort Closing Circuit Low Voltage C-017  
B3803 Comfort Closing Circuit High Voltage C-017

## **Head Lamps Leveling AHL/AFL**

B0997 Right Power Light Module Malfunction C-012  
B0997 Right Power Light Module Signal Range/Performance B-010  
B1020 Left Power Light Module Malfunction C-011  
B1020 Left Power Light Module Signal Range/Performance B-010  
B1454 Left Dynamic Curve Light Position Sensor Circuit Malfunction C-005  
B1455 Right Dynamic Curve Light Position Sensor Circuit Malfunction C-006  
B1461 Left Dynamic Curve Light Stepper Motor Circuit Malfunction C-007  
B1461 Left Dynamic Curve Light Stuck C-015  
B1462 Right Dynamic Curve Light Stepper Motor Circuit Malfunction C-008  
B1462 Right Dynamic Curve Light Stuck C-016  
B2667 Servomotor Circuit High Voltage B-019  
B2667 Servomotor Circuit Low Voltage B-019  
B3415 Front/Rear Car Level Sensor Voltage Supply Low Voltage C-002  
B3415 Front/Rear Car Level Sensor Voltage Supply High Voltage C-002  
B3420 Rear Car Level Sensor Signal Circuit Low Voltage C-002  
B3420 Rear Car Level Sensor Signal Circuit Open or High Voltage C-002  
B3420 Rear Car Level Sensor Signal Circuit Range/Performance C-002  
B3435 Left Servomotor Circuit Malfunction C-003  
B3440 Right Servomotor Circuit Malfunction C-004  
U1112 No Communication with Left Power Light Module B-018  
U1113 No Communication with Right Power Light Module B-018  
U2108 ABS (Anti-Lock Brake System) Wheel Speed Signal Circuit Range/Performance B-022  
U2143 CAN-Bus No Communication with SAS (Steering Angle Sensor) B-016  
U2143 Steering Angle Sensor Model Wrong B-016  
U2143 Invalid Data from SAS (Steering Angle Sensor) B-016

## **Anti Theft (alarm)**

B1001 Pane Breakage Calibration Not Learned C-003  
B1342 Alarm Siren Power Supply Malfunction B-017  
B2923 Pane Breakage Sensor 1 Circuit Open or High Voltage C-003  
B2955 Ultrasonic Module Malfunction C-004  
B2955 Invalid Data from Ultrasonic Module B-013  
B3078 Anti Theft Warning System Horn Signal Circuit Malfunction C-005  
B3089 Pane Breakage Sensor Rear Window Heater Circuit Open or High Voltage C-002  
B3916 Alarm Siren Battery Voltage Low C-006  
B3916 Alarm Siren Circuit Malfunction C-006  
B3916 No Communication With Alarm Siren C-006

## **Wipers/Washers**

B1020 No Communication with Rain Sensor B-016  
B1020 Invalid Data from Rain Sensor B-016  
B3637 Rear Washer Switch Stuck C-003  
B3638 Front Washer Switch Stuck C-003  
B3639 Wiper Switch Up (F1) Stuck C-003  
B3640 Wiper Switch Up (F2) Stuck C-003  
B3641 Wiper Switch Down (F1) Stuck C-003  
B3642 Wiper Switch Down (F2) Stuck C-003  
B3810 Headlamp Washer Pump Relay Circuit Malfunction B-015  
B3811 Rear Window Washer Pump Relay Circuit Malfunction B-014  
B3873 Windscreen Washer Pump Relay Circuit Malfunction B-014  
B3874 Front Wiper On/Off Relay Circuit Malfunction B-012  
B3875 Front Wiper Low/High Speed Relay Circuit Malfunction B-012  
B3876 Front Wiper Park Switch Signal not Plausible B-012  
B3970 Rear Wiper Motor Circuit Voltage Low B-013  
B3970 Rear Wiper Motor Circuit Malfunction B-013

## **Body Control Codes Cont**

### **Exterior Lighting**

B0525 Front Right Turn Indicator Circuit Malfunction C-032  
B0525 Rear Right Turn Signal Malfunction C-034  
B0525 Right Turn Signal Circuit Open or High Voltage B-059  
B0525 Right Turn Signal Circuit Low Voltage B-059  
B0530 Front Left Turn Indicator Circuit Malfunction C-031  
B0530 Rear Left Turn Signal Malfunction C-033  
B0530 Left Turn Signal Circuit Open or High Voltage B-059  
B0530 Left Turn Signal Circuit Low Voltage B-059  
B0655 Brake Light Switch Circuit Incorrect Signal C-001  
B1456 Automatic Light Switch Circuit Open C-005  
B2501 Horn Switch Stuck C-043  
B2530 Front Fog Light Circuit Low Voltage C-022  
B2530 Front Fog Light Circuit Malfunction C-022  
B2535 Rear Fog Light Circuit Malfunction C-023  
B2545 Rear Left Reverse Light Circuit Malfunction C-012  
B2575 Left Low Beam Circuit Low Voltage C-018  
B2575 Left Low Beam Circuit Open or High Voltage C-018  
B2580 Left High Beam Circuit Low Voltage C-020  
B2580 Left High Beam Circuit Open C-020  
B2585 Front Left Parking Lamp Circuit Malfunction C-014  
B2662 Parking Lamps Switch Circuit Open or High Voltage C-003

B2699 Right Low Beam Circuit Low Voltage C-019  
B2699 Right Low Beam Circuit Open C-019  
B2740 Front Fog Lights Switch Circuit Open or High Voltage C-007  
B2740 Front Fog Lights Switch stuck C-007  
B2743 Rear Fog Light Switch Circuit Open or High Voltage C-008  
B2743 Rear Fog Light Switch stuck C-008  
B3445 Rear Left Brake Light Circuit Malfunction C-009  
B3445 Brake Light Circuit Open or High Voltage B-056  
B3445 Brake Light Circuit Low Voltage B-056  
B3596 Hazard Warning Switch stuck C-039  
B3634 Left Turn Signal Switch (F1) Stuck C-030  
B3635 Right Turn Signal Switch (F2) Stuck C-030  
B3636 Left Turn Signal Switch (F2) Stuck C-030  
B3650 Highbeam Switch Stuck C-006  
B3651 Headlamp Flasher Switch Stuck C-006  
B3652 Right Turn Signal Switch (F1) Stuck C-030  
B3795 Hazard Warning Switch Telltale Output Low Voltage C-040  
B3795 Hazard Warning Switch Telltale Output Circuit Open or High Voltage C-040  
B3795 Hazard Warning Switch Telltale Malfunction C-040  
B3840 Wrong Stalk Switch Configuration B-063  
B3866 Right High Beam Circuit Low Voltage C-021  
B3866 Right High Beam Circuit Open C-021  
B3867 Front Right Parking Lamp Circuit Malfunction C-015  
B3868 Left Side Repeater Circuit Malfunction C-035  
B3869 Right Side Repeater Circuit Malfunction C-036  
B3878 Rear Right Brake Light Circuit Malfunction C-010  
B3878 Right Brake Light Circuit Open or High Voltage C-010  
B3878 Rear Right Brake Light Circuit Low Voltage C-010  
B3880 Rear Right Reverse Light Circuit Malfunction C-013  
B3881 Left Tail Light Circuit Malfunction C-016  
B3881 Tail Light Circuit Open or High Voltage B-053  
B3881 Tail Light Circuit Low Voltage B-053  
B3882 Right Tail Light Circuit Malfunction C-017  
B3883 Licence Plate Light Circuit Malfunction C-024  
B3884 Centre Brake Light Circuit Low Voltage C-011  
B3884 Centre Brake Light Circuit Open or High Voltage C-011  
B3885 Left Trailer Tail Light Circuit Malfunction C-027  
B3886 Right Trailer Tail Light Circuit Malfunction C-028  
B3887 Left Trailer Turn Signal Circuit Malfunction C-037  
B3888 Right Trailer Turn Signal Circuit Malfunction C-038  
B3889 Trailer Brake Light Circuit Malfunction C-025  
B3890 Trailer Reverse Light Circuit Malfunction C-026  
B3891 Trailer Fog Light Circuit Malfunction C-029  
B3909 Low Beam Switch Circuit Open or High Voltage C-004  
U1307 No Communication with Trailer Electronic Module C-045

## **Interior Lighting**

B2570 Trunk Lamp Circuit Malfunction C-007  
B2610 Instrument Dimming Bulb Output Circuit Low Voltage C-008  
B2610 Instrument Dimming Bulb Output Circuit High Voltage C-008  
B2652 Inadvertent Load Circuit Low Voltage C-001  
B2652 Interior Lights Cut-Off Circuit Malfunction C-001  
B2652 Instrument Dimming LED Output Circuit Low Voltage C-002  
B2652 Instrument Dimming LED Output Circuit High Voltage C-002  
B2657 Illumination Circuit Malfunction C-017  
B3600 Dimmed Illumination Switch Circuit High Voltage C-009  
B3600 Dimmed Illumination Switch Circuit Low Voltage C-009

## **Immobiliser**

B1319 Immobiliser Receiver Circuit Malfunction C-001  
B2910 ESCL (Electromechanical Steering Column Lock) Security Code Not Learned B-010  
B3055 Transponder Key Problem B-022  
B3055 Wrong Transponder Key B-022  
B3056 No Transponder Key Programmed C-002  
B3057 Security Code Not Programmed B-005  
B3077 Wrong Transponder Type detected C-002  
B3755 No Transponder Key Programmed C-002  
B3899 No Environment Identifier Learned B-007  
B3900 No Immobiliser Identifier Learned B-007  
B3901 Wrong Environment Identifier Received B-007  
B3902 Wrong Immobiliser Identifier Received B-007  
B3925 Wrong Environment Identifier Received IPC (Instrument) B-017  
B3928 Wrong Environment Identifier Received TU (Telematic Unit) B-016  
B3929 Wrong Environment Identifier Received REC (Rear Electrical Centre) B-018  
B3977 Wrong Environment Identifier Received UEC (Underhood Electrical Centre) B-019

## **IPC (dials)**

B0575 Fuel Level Sensor Low Voltage C-016  
B0575 Fuel Level Sensor Circuit Open or High Voltage C-016  
B0670 Airbag Telltale Circuit Malfunction C-001  
B0967 Parking Assist System Switch Circuit Open or High Voltage PAS (Park Pilot) C-007  
B0967 Park Pilot Switch stuck PAS (Park Pilot) C-007  
B0968 Park Pilot Switch Telltale Circuit Low Voltage PAS (Park Pilot) C-008  
B0968 Park Pilot Switch Telltale Circuit Open or High Voltage PAS (Park Pilot) C-008  
B0969 Rear Window Heating Switch Telltale Circuit High Voltage Heating, Ventilation and Air Conditioning System B-014

B0969 Rear Window Heating Switch Telltale Circuit Low Voltage Heating, Ventilation and Air Conditioning System B-014  
B0975 Child Seat Detection Telltale Circuit Malfunction C-001  
B2128 Trip Reset Button Stuck C-001  
B3743 Rear Window Heating Switch Stuck Heating, Ventilation and Air Conditioning System C-005  
P0115 Engine Coolant Temperature Signal Range/Performance B-019  
P0460 Fuel Level Sensor Circuit Range/Performance B-013  
P0550 Mileage Circuit Range/Performance C-001  
P0654 Engine Speed Signal Range/Performance C-001  
P0705 Automatic Transmission Gear Signal Range/Performance C-001  
U2139 Invalid Signal from CIM (Steering Column Module) C-003  
U2140 Invalid Data from UEC (Underhood Electrical Centre) C-004  
U2141 Invalid Data from REC (Rear Electrical Centre) C-005

### **HEATING EEC SAC (climate control)**

B0165 Compartment Temperature Sensor Circuit Low Voltage C-006  
B0166 Compartment Temperature Sensor Circuit High Voltage C-006  
B0175 Air Outlet Temperature Sensor Interior Circuit Low Voltage C-018  
B0176 Air Outlet Temperature Sensor Interior Circuit High Voltage C-018  
B0180 Air Outlet Temperature Sensor Footwell Circuit Low Voltage C-017  
B0181 Air Outlet Temperature Sensor Footwell Circuit High Voltage C-017  
B0185 Solar Sensor Circuit Low Voltage C-007  
B0186 Solar Sensor Circuit High Voltage C-007  
B0195 Blower Motor Circuit Low Voltage B-014  
B0196 Blower Motor Circuit High Voltage C-012  
B0225 Recirculation Flap Motor Circuit Low Voltage C-016  
B0226 Recirculation Flap Motor Circuit High Voltage C-016  
B0227 Recirculation Flap Motor Circuit Open C-016  
B0234 Air Distribution Flap Calibration Malfunction B-031  
B0235 Air Distribution Flap Motor Low Voltage C-014  
B0236 Air Distribution Flap Motor High Voltage C-014  
B0237 Air Distribution Flap Motor Circuit Open C-014  
B0283 Key Stuck C-023  
B0290 Coil Compressor Stroke Control Circuit Low Voltage B-024  
B0291 Coil Compressor Stroke Control Circuit High Voltage B-024  
B0318 Key Stuck C-023  
B0323 Key Stuck C-023  
B0333 Key Stuck C-023  
B0358 Key Stuck C-023  
B0368 Key Stuck C-023  
B0410 Blending Flap Motor Circuit Low Voltage C-013  
B0411 Blending Flap Motor Circuit High Voltage C-013  
B0412 Blending Flap Motor Circuit Open C-013  
B1445 Stepper Motors Supply Low Voltage C-013

B2930 Anti-Theft Warning System Disable Failed Anti-Theft Warning System B-015  
B3843 Air Quality Sensor Circuit Low Voltage B-013  
B3843 Air Quality Sensor Circuit Open or High Voltage B-013  
P1532 Evaporator Temperature Sensor Circuit Low Voltage B-023  
P1533 Evaporator Temperature Sensor Circuit High Voltage B-023

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## **Parking Sensors**

B0952 Loudspeaker Circuit High Voltage C-006  
B0952 Loudspeaker Circuit Open or Low Voltage C-006  
B0958 Park Pilot Sensor Rear Left Outer Circuit Open or Low Voltage C-002  
B0958 Park Pilot Sensor Rear Left Outer Circuit Malfunction C-002  
B0958 Park Pilot Sensor Rear Left Outer Acoustically Blocked C-002  
B0959 Park Pilot Sensor Rear Left Middle Circuit Open or Low Voltage C-003  
B0959 Park Pilot Sensor Rear Left Middle Circuit Malfunction C-003  
B0959 Park Pilot Sensor Rear Left Middle Acoustically Blocked C-003  
B0960 Park Pilot Sensor Rear Right Middle Circuit Open or Low Voltage C-004  
B0960 Park Pilot Sensor Rear Right Middle Circuit Malfunction C-004  
B0960 Park Pilot Sensor Rear Right Middle Acoustically Blocked C-004  
B0961 Park Pilot Sensor Rear Right Outer Circuit Open or Low Voltage C-005  
B0961 Park Pilot Sensor Rear Right Outer Circuit Malfunction C-005  
B0961 Park Pilot Sensor Rear Right Outer Acoustically Blocked C-005  
B1000 Loudspeaker Voltage Supply Low Voltage C-006  
B1350 Park Pilot Sensor Voltage Supply Low Voltage C-001  
B1350 Park Pilot Sensor Voltage Supply High Voltage C-001  
U2116 Invalid Data from IPC (Instrument) B-009  
U2117 Invalid Data from DIS (Display) B-010  
U2139 Invalid Data from CIM (Steering Column Module) B-011  
U2140 Invalid Data from UEC (Underhood Electrical Centre) B-012  
U2141 Invalid Data from REC (Rear Electrical Centre) B-013

## **Open And Start (keyless entry)**

B0655 PEPS (Open&Start) No Communication With ECM (Engine Control Module) B-010  
B1011 Error Information Stored in CIM C-003  
B1272 Antenna Control Low Frequency B-012  
B1272 Antenna High Current B-012  
B1272 Antenna High Voltage B-012  
B1272 Antenna Low Voltage B-012  
B1395 Driver Door Approach Sensor Supply Voltage Circuit High Voltage C-014  
B1395 Driver Door Approach Sensor Supply Voltage Circuit Low Voltage C-014  
B1405 Front Passenger Door Approach Sensor Supply Voltage Circuit High Voltage C-015  
B1405 Front Passenger Door Approach Sensor Supply Voltage Circuit Low Voltage C-015

B1440 Ignition Circuit Short To Ground C-001  
B1449 ESCL (Electromechanical Steering Column Lock) Circuit High Voltage C-003  
B1449 ESCL (Electromechanical Steering Column Lock) Circuit Low Voltage C-003  
B1449 CIM (Steering Column Module) Power Supply Circuit Low Voltage C-003  
B1534 Rear Left Door Handle Switch Circuit Low Voltage C-006  
B1535 Rear Right Door Handle Switch Circuit Low Voltage C-007  
B2511 Driver Door Approach Sensor Circuit Low Voltage C-014  
B2512 Front Passenger Door Approach Sensor Circuit Low Voltage C-015  
B2517 Door-Opener Motor Driver Door Circuit Open C-016  
B2518 Door-Opener Motor Front Passenger Door Circuit Open C-017  
B2519 Door-Opener Motor Rear Right Circuit Open C-019  
B251A Any Door-Opener Motor Circuit High Voltage B-013  
B251A Any Door-Opener Motor Circuit Low Voltage B-013  
B2520 Door-Opener Motor Rear Left Circuit Open C-018  
B2897 Electromechanical Steering Column Lock Circuit High Voltage C-003  
B2897 Electromechanical Steering Column Lock Circuit Low Voltage B-008  
B2910 ESCL (Electromechanical Steering Column Lock) Overtemperature C-003  
B2910 ESCL (Electromechanical Steering Column Lock) Blocked C-003  
B2910 ESCL (Electromechanical Steering Column Lock) Circuit Malfunction C-003  
B2910 Vehicle Speed Too High for Start/Stop Switch Activation B-014  
B2910 Wrong ESCL (Electromechanical Steering Column Lock) C-003  
B2961 Ignition/Start/Stop Switch Timeout C-002  
B2966 Driver Door Handle Switch Low Voltage C-004  
B2981 Front Passenger Door Handle Switch High Voltage C-005  
B3106 Wrong PEPS (Open&Start) C-023  
B3119 Driver Side Outside Antenna Circuit Open C-009  
B3120 Passenger Side Outside Antenna Circuit Open C-010  
B3121 Trunk Outside Antenna Circuit Open C-011  
B3122 Front Inside Antenna Circuit Open C-012  
B3123 Rear Inside Antenna Circuit Open C-013  
B3618 Trunk Handle Switch Circuit Low Voltage C-008

## **Electric Roof (twintop)**

B129A Frame Latch Contact Switch Circuit Open or High Voltage C-024  
B129A Frame Latch Contact Switch Circuit Low Voltage C-024  
B129B Luggage Protection Sensor Circuit High Voltage C-011  
B129B Luggage Protection Sensor Circuit Open or Low Voltage C-011  
B129B Luggage Protection Sensor Signal Range/Performance C-011  
B129C Left Parcel Shelf Flap Motor Circuit Malfunction C-035  
B129C Left Parcel Shelf Flap Motor Current not Plausible with Sensor Position C-035  
B129C Left Parcel Shelf Flap Motor Circuit Open or Relay Stuck C-035  
B129D Right Parcel Shelf Flap Motor Circuit Malfunction C-036  
B129D Right Parcel Shelf Flap Motor Current not Plausible with Sensor Position C-036  
B129D Right Parcel Shelf Flap Motor Circuit Open Relay Stuck C-036  
B1300 Contact Switch 'Hardtop Closed' Circuit Open or High Voltage C-023  
B1300 Contact Switch 'Hardtop Closed' Circuit Low Voltage C-023



B1301 'Frame Open' Sensor Circuit High Voltage C-012  
B1301 'Frame Open' Sensor Circuit Open or Low Voltage C-012  
B1301 'Frame Open' Sensor Signal Range/Performance C-012  
B1302 'Front Latch Locked' Contact Switch Circuit Open or High Voltage C-022  
B1302 'Front Latch Locked' Contact Switch Circuit Low Voltage C-022  
B1308 Hydraulic Unit Relay 1 Circuit High Voltage C-028  
B1309 Hydraulic Unit Relay 2 Circuit High Voltage C-029  
B130A Easy Pack Switch Circuit Open or High Voltage C-008  
B130A Easy Pack Switch Circuit Low Voltage C-008  
B130B Trunk Lid Latch Motor Circuit Open or Relay Stuck C-032  
B130C Trunk Lid Latch Movement Too Slow C-039  
B130D Trunk Lid Contact Switch 'Closed' Circuit Open or High Voltage C-025  
B130D Trunk Lid Contact Switch 'Closed' Circuit Low Voltage C-025  
B130E Trunk Lid Contact Switch 'Open' Circuit Open or High Voltage C-025  
B130E Trunk Lid Contact Switch 'Open' Circuit Low Voltage C-025  
B130E Trunk Lid Contact Switches 'Open' and 'Closed' Not Plausible C-038  
B130F Trunk Lid Switches Not Plausible C-038  
B131A Easypack Contact Switch Circuit Open or High Voltage C-026  
B131A Easypack Contact Switch Circuit Low Voltage C-026  
B131B Parcel Shelf Movement Too Slow C-039  
B131C 'Parcel Shelf Up' and 'Parcel Shelf Down' Sensor Not Plausible C-001  
B131D Trunk Lid Movement Too Slow C-039  
B131E Trunk Lid Position Malfunction C-001  
B131F Motor Trunk Lid Arrester Circuit Open or Relay Stuck C-037  
B132A 'Parcel Shelf Up' Sensor Circuit High Voltage C-019  
B132A 'Parcel Shelf Up' Sensor Circuit Open or Low Voltage C-019  
B132A 'Parcel Shelf Up' Sensor Signal Range/Performance C-019  
B132B 'Parcel Shelf Down' Sensor Circuit High Voltage C-020  
B132B 'Parcel Shelf Down' Sensor Circuit Open or Low Voltage C-020  
B132B 'Parcel Shelf Down' Sensor Signal Range/Performance C-020  
B132C Left Trunk Lid Flap Motor Circuit Malfunction C-033  
B132C Left Trunk Lid Flap Motor Current not Current Not Plausible with Sensor Position C-033  
B132C Left Trunk Lid Flap Motor Circuit Open or Relay Stuck C-033  
B132D Right Trunk Lid Flap Motor Circuit Malfunction C-034  
B132D Right Trunk Lid Flap Motor Current Not Plausible with Sensor Position C-034  
B132D Right Trunk Lid Flap Motor Circuit Open or Relay Stuck C-034  
B132E Easypack Movement Too Slow C-039  
B132F Easypack Position Malfunction C-001  
B138A Supply Voltage Output Circuit Low Voltage or Signal Range/Performance C-009  
B1405 Ground Output Circuit High Voltage C-010  
B1405 Ground Output Circuit Low Voltage C-010  
B249A 'Open All Windows' Switch Circuit Open or High Voltage C-007  
B249A 'Open All Windows' Switch Circuit Low Voltage C-007  
B3011 'Trunk Lid Open' Sensor Circuit High Voltage C-013  
B3011 'Trunk Lid Open' Sensor Circuit Open or Low Voltage C-013  
B3011 'Trunk Lid Open' Sensor Signal Range/Performance C-013  
B3611 'Open Hardtop' Switch Circuit Open or High Voltage C-006

B3611 'Open Hardtop' Switch Circuit Low Voltage C-006  
B3612 'Close Hardtop' Switch Circuit Open or High Voltage C-006  
B3612 'Close Hardtop' Switch Circuit Low Voltage C-006  
B3670 Pump Temperature Sensor Circuit Open or High Voltage C-021  
B3670 Pump Temperature Sensor Circuit Low Voltage C-021  
B3670 Pump Temperature Sensor Signal Range/Performance C-021  
B3674 Solenoid Valve 1 Circuit High Voltage C-030  
B3675 Solenoid Valve 2 Circuit High Voltage C-031  
B3680 Hydraulic Pump High Temperature (Level 1) C-027  
B3680 Hydraulic Pump High Temperature (Level 2) C-027  
B368A Left Trunk Lid Flap Sensor Circuit High Voltage or Motor Blocked C-015  
B368A Left Trunk Lid Flap Sensor Circuit Open or Low Voltage C-015  
B368B Right Trunk Lid Flap Sensor Circuit High Voltage or Motor Blocked C-016  
B368B Right Trunk Lid Flap Sensor Circuit Open or Low Voltage C-016  
B368C Left Parcel Shelf Flap Sensor Circuit Open C-017  
B368C Left Parcel Shelf Flap Circuit High Voltage or Motor Blocked C-017  
B368D Right Parcel Shelf Flap Sensor Circuit High Voltage or Motor Blocked C-018  
B368D Right Parcel Shelf Flap Sensor Circuit Open C-018  
B368E Left Trunk Lid Flap Motor or Parcel Shelf Flap Motor Circuit High Voltage B-009  
B368E Left Trunk Lid Flap or Parcel Shelf Flap Motor Circuit Low Voltage B-009  
B368E Left Trunk Lid Flap Motor or Parcel Shelf Flap Motor Circuit High Current B-009  
B368F Right Flap or Trunk Lid Arrester Motor Circuit High Voltage B-009  
B368F Right Flap or Trunk Lid Arrester Motor Circuit Low Voltage B-009  
B368F Right Flap or Trunk Lid Arrester Motor Circuit High Current B-009  
B369A Contact Switches Malfunction C-038  
B369A Hardtop Movement Too Slow C-039  
B3803 'Close All Windows' Switch Circuit Open or High Voltage C-007  
B3803 'Close All Windows' Switch Circuit Low Voltage C-007  
B3972 'Hardtop Open' Sensor Circuit High Voltage C-014  
B3972 'Hardtop Open' Sensor Circuit Open or Low Voltage C-014  
B3972 'Hardtop Open' Sensor Signal Range/Performance C-014  
B3972 'Hardtop Open' and 'Hardtop Closed' Malfunction C-014

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**Radio Group**

**EHU (radio)**

B0000 Vehicle Speed Signal, Malfunction C-028  
B1021 SIM Card Malfunction C-003  
B1023 Key Stuck C-010  
B1025 Front Left Loudspeaker Circuit Low Voltage C-004  
B1025 Front Left Loudspeaker Circuit Shorted C-004  
B1025 Front Left Loudspeaker Circuit Open C-004  
B1035 Front Right Loudspeaker Circuit Low Voltage C-005  
B1035 Front Right Loudspeaker Circuit Shorted C-005  
B1035 Front Right Loudspeaker Circuit Open C-005  
B1045 Rear Left Loudspeaker Circuit Low Voltage C-006  
B1045 Rear Left Loudspeaker Circuit Shorted C-006  
B1045 Rear Left Loudspeaker Circuit Open C-006  
B1055 Rear Right Loudspeaker Circuit Low Voltage C-007  
B1055 Rear Right Loudspeaker Circuit Shorted C-007  
B1055 Rear Right Loudspeaker Circuit Open C-007  
B1065 Front Centre Loudspeaker Circuit Low Voltage C-008  
B1065 Front Centre Loudspeaker Circuit Shorted C-008  
B1065 Front Centre Loudspeaker Circuit Open C-008  
B1075 Subwoofer Out Signal Circuit Low Voltage C-009  
B1075 Subwoofer Out Signal Circuit Shorted C-009  
B1075 Subwoofer Out Signal Circuit Open C-009  
B1075 Tweeter FL Malfunction C-004  
B1085 Tweeter FR Malfunction C-005  
B1095 Tweeter RL Malfunction C-006  
B1105 Tweeter RR Malfunction C-007  
B1235 Amplifier High Temperature C-002  
B1240 CD Mechanism Malfunction C-024  
B1245 CD-Changer Malfunction C-026  
B1245 CD-Changer Loading Sledge Malfunction C-026  
B1246 CD-Changer Track Read Error C-026  
B1247 CD-Changer High Temperature C-002  
B1249 CD-Changer Table of Contents Read Error C-026  
B1264 Output Terminal "AA" Circuit Low Voltage C-011  
B1264 Output Terminal "AA" Circuit Open C-011  
B1272 Antenna FM/AM Signal Circuit Low Voltage C-014  
B1272 Antenna FM/AM Signal Circuit Open C-014  
B1272 FM/AM Antenna Malfunction C-014  
B1273 Twin Audio Remote Control Circuit Low Voltage C-015  
B1273 Twin Audio Remote Control Circuit Open or High Voltage C-015  
B1273 Twin Audio Remote Control Key Stuck C-016  
B1278 DAB audio input signal malfunction C-031  
B2455 Microphone Circuit Malfunction C-022

B2460 Antenna GPS Signal Circuit Low Voltage C-023  
B2460 Antenna GPS Signal Circuit Open C-023  
B2462 GPS communication malfunction C-001  
B2464 Navigation Drive Read Error C-025  
B2469 GSM phone communication malfunction C-001  
B2470 Antenna GSM Signal Circuit Low Voltage C-021  
B2470 Antenna GSM Signal Circuit Open C-021  
B2471 OnStar-Numbers not Programmed Hard- and Software B-044  
B2479 Airbag Deployment Signal Malfunction C-032

### **DIS (radio display ALL)**

B1000 System High Voltage Counter Overrun (System Locked) C-001  
B3562 Mode Key Stuck C-001  
B3567 Set Key Stuck C-001  
U1500 Graphical Interface Communication Malfunction B-023  
U2116 Invalid Data from IPC (Instrument) C-004  
U2139 Invalid Data from CIM (Steering Column Module) C-005  
U2140 Invalid Data from UEC (Underhood Electrical Centre) C-002  
U2141 Invalid Data from REC (Rear Electrical Centre) C-003  
U2147 Invalid Data from AHS (Add On Heater) C-006

### **DAB**

B1272 Antenna Signal Circuit Low Voltage C-002  
B1272 Antenna Signal Circuit Open C-002

### **UHP (mobile phone)**

B1272 Antenna Signal Circuit Low Voltage C-001  
B1272 Antenna Signal Circuit Open C-001  
B1273 Mobile Phone Portal Low Voltage C-002  
B1273 Mobile Phone Portal open circuit C-002  
B2455 Microphone Circuit Low Voltage C-003  
B2455 Microphone Circuit Open C-003  
B2469 Line Out Circuit Low Voltage C-004

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