

Live Data

Numbers of DTCs 0
Fuel system 1 statusOL
Fuel System 2 status--
Calculated Load Value(%)21.6
Engine Coolant Temperature(øC)39
Short Term Fuel Trim -Bank 1(%)2.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)2.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 920
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)25.5
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.54
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.860
Short Term Fuel Trim Bank 1-Sensor 1(%)2.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.855
Short Term Fuel Trim Bank 2-Sensor 1(%)3.1
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusOL
Fuel System 2 status--
Calculated Load Value(%)23.5
Engine Coolant Temperature(øC)39
Short Term Fuel Trim -Bank 1(%)3.1
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)2.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 906
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)32.0
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)9.05
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.875

Short Term Fuel Trim Bank 1-Sensor 1(%)0.8
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.865
Short Term Fuel Trim Bank 2-Sensor 1(%)0.8
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)20.8
Engine Coolant Temperature(øC)39
Short Term Fuel Trim -Bank 1(%)3.1
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)3.1
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 923
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)29.5
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.54
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.870
Short Term Fuel Trim Bank 1-Sensor 1(%)6.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.870
Short Term Fuel Trim Bank 2-Sensor 1(%)6.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)21.2
Engine Coolant Temperature(øC)39
Short Term Fuel Trim -Bank 1(%)8.6
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)8.6
Long Term Fuel Trim - Bank 2(%)0.0

Engine RPM(rpm) 929
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)32.5
Intake Air Temperature(°C)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.54
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.435
Short Term Fuel Trim Bank 1-Sensor 1(%)43.8
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.875
Short Term Fuel Trim Bank 2-Sensor 1(%) -10.9
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)19.2
Engine Coolant Temperature(°C)39
Short Term Fuel Trim -Bank 1(%) -13.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -12.5
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 868
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)31.5
Intake Air Temperature(°C)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.45
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.865
Short Term Fuel Trim Bank 1-Sensor 1(%) -16.4
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.875
Short Term Fuel Trim Bank 2-Sensor 1(%) -14.8
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0

Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)20.8
Engine Coolant Temperature(øC)40
Short Term Fuel Trim -Bank 1(%) -18.0
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -16.4
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 920
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)32.5
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.31
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.870
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.880
Short Term Fuel Trim Bank 2-Sensor 1(%) -18.8
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0

Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)21.2
Engine Coolant Temperature(øC)40
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 861
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)32.5
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.03
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)----
Short Term Fuel Trim Bank 1-Sensor 1(%)----
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000

Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.860
Short Term Fuel Trim Bank 2-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)25.9
Engine Coolant Temperature(øC)41
Short Term Fuel Trim -Bank 1(%)20.3
Long Term Fuel Trim - Bank 1(%)25.0
Short Term Fuel Trim -Bank 2(%)20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 788
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)30.5
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.82
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.165
Short Term Fuel Trim Bank 1-Sensor 1(%)17.2
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.835
Short Term Fuel Trim Bank 2-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)22.0
Engine Coolant Temperature(øC)41
Short Term Fuel Trim -Bank 1(%)14.8
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 928
Vehicle Speed Sensor(km/h)0

Ignition Timing Advance for #1 Cylinder(ø)32.0
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.68
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.675
Short Term Fuel Trim Bank 1-Sensor 1(%)18.8
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.875
Short Term Fuel Trim Bank 2-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)22.0
Engine Coolant Temperature(øC)41
Short Term Fuel Trim -Bank 1(%)20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 910
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)32.0
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.82
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.330
Short Term Fuel Trim Bank 1-Sensor 1(%)18.8
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.865
Short Term Fuel Trim Bank 2-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--

Calculated Load Value(%)22.4
Engine Coolant Temperature(øC)41
Short Term Fuel Trim -Bank 1(%) -18.8
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 900
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)31.5
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)9.14
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.415
sor 1(%) -57.8
sor 1(%) -57.8
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.875
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)21.2
Engine Coolant Temperature(øC)42
Short Term Fuel Trim -Bank 1(%) -18.8
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 942
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)32.5
Intake Air Temperature(øC)116
Air Flow Rate from Mass Air Flow Sensor(g/s)8.68
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.775
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A

Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.885
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)-99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)23.5
Engine Coolant Temperature(°C)42
Short Term Fuel Trim -Bank 1(%)-18.8
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 751
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)28.5
Intake Air Temperature(°C)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.91
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.140
Short Term Fuel Trim Bank 1-Sensor 1(%)-16.4
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.275
Short Term Fuel Trim Bank 2-Sensor 1(%)-18.0
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)-99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)22.0
Engine Coolant Temperature(°C)42
Short Term Fuel Trim -Bank 1(%)-14.1
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 917
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)32.0

Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)9.01
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.655
Short Term Fuel Trim Bank 1-Sensor 1(%)12.5
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.875
Short Term Fuel Trim Bank 2-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.640
Short Term Fuel Trim Bank 2-Sensor 2(%)0.8
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)19.6
Engine Coolant Temperature(øC)42
Short Term Fuel Trim -Bank 1(%)15.6
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 940
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)29.5
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.82
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.885
Short Term Fuel Trim Bank 1-Sensor 1(%)18.0
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.815
Short Term Fuel Trim Bank 2-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)23.5

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Short Term Fuel Trim -Bank 1(%)-17.2
Long Term Fuel Trim - Bank 1(%)12.5
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 865
Vehicle Speed Sensor(km/h)128
Ignition Timing Advance for #1 Cylinder(°)31.0
Intake Air Temperature(°C)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.45
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.180
Short Term Fuel Trim Bank 1-Sensor 1(%)-15.6
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.860
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0

Fuel system 1 statusCL

Fuel System 2 status--

Calculated Load Value(%)10.6

Engine Coolant Temperature(°C)43

Short Term Fuel Trim -Bank 1(%)-13.3

Long Term Fuel Trim - Bank 1(%)0.0

Short Term Fuel Trim -Bank 2(%)-20.3

Long Term Fuel Trim - Bank 2(%)50.0

Engine RPM(rpm) 971

Vehicle Speed Sensor(km/h)0

Ignition Timing Advance for #1 Cylinder(°)32.5

Intake Air Temperature(°C)16

Air Flow Rate from Mass Air Flow Sensor(g/s)4.34

Absolute Throttle Position(%)20.8

Location of Oxygen SensorsB1S12--B2S12--

Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.830

Short Term Fuel Trim Bank 1-Sensor 1(%)-17.2

Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000

Short Term Fuel Trim Bank 1-Sensor 2(%)N/A

Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.885

Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)21.6
Engine Coolant Temperature(øC)43
Short Term Fuel Trim -Bank 1(%)-18.8
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 901
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)32.5
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.27
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.385
Short Term Fuel Trim Bank 1-Sensor 1(%)-17.2
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.835
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designed--

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)23.5
Engine Coolant Temperature(øC)43
Short Term Fuel Trim -Bank 1(%)-14.8
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 830
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)31.0
Intake Air Temperature(øC)16

Air Flow Rate from Mass Air Flow Sensor(g/s)8.54
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.215
Short Term Fuel Trim Bank 1-Sensor 1(%)-12.5
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.820
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)22.4
Engine Coolant Temperature(øC)43
Short Term Fuel Trim -Bank 1(%)-10.2
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 960
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)32.0
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.91
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.900
Short Term Fuel Trim Bank 1-Sensor 1(%)-14.1
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.005
Short Term Fuel Trim Bank 1-Sensor 2(%)0.8
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.870
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)21.6
Engine Coolant Temperature(øC)44

Short Term Fuel Trim -Bank 1(%)-16.4
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 913
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)31.5
Intake Air Temperature(°C)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.54
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.745
Short Term Fuel Trim Bank 1-Sensor 1(%)-18.8
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.835
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)22.4
Engine Coolant Temperature(°C)44
Short Term Fuel Trim -Bank 1(%)-17.2
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 875
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)31.0
Intake Air Temperature(°C)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.54
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.355
Short Term Fuel Trim Bank 1-Sensor 1(%)-14.8
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.855
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000

Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)20.0
Engine Coolant Temperature(øC)44
Short Term Fuel Trim -Bank 1(%) -17.2
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 897
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)32.0
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.31
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.840
Short Term Fuel Trim Bank 1-Sensor 1(%) -18.8
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.855
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)22.0
Engine Coolant Temperature(øC)44
Short Term Fuel Trim -Bank 1(%) -16.4
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 893
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)31.5
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.64
Absolute Throttle Position(%)20.8

Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.560
Short Term Fuel Trim Bank 1-Sensor 1(%)-19.5
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.850
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)22.7
Engine Coolant Temperature(øC)44
Short Term Fuel Trim -Bank 1(%)-18.0
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 803
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)30.5
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.64
Absolute Throttle Position(%)20.8

Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.145
Short Term Fuel Trim Bank 1-Sensor 1(%)-15.6
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.795
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)28.6
Engine Coolant Temperature(øC)45
Short Term Fuel Trim -Bank 1(%)-14.1
Long Term Fuel Trim - Bank 1(%)0.0

Short Term Fuel Trim -Bank 2(%)-18.0
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 971
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)29.0
Intake Air Temperature(°C)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.68
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.360
Short Term Fuel Trim Bank 1-Sensor 1(%)-10.9
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.850
Short Term Fuel Trim Bank 2-Sensor 1(%)-19.5
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)19.6
Engine Coolant Temperature(°C)45
Short Term Fuel Trim -Bank 1(%)-14.1
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 1002
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)29.5
Intake Air Temperature(°C)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.40
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.900
Short Term Fuel Trim Bank 1-Sensor 1(%)-16.4
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.870
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)21.6
Engine Coolant Temperature(øC)46
Short Term Fuel Trim -Bank 1(%) -18.0
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 924
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)29.5
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.68
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.420
Short Term Fuel Trim Bank 1-Sensor 1(%) -18.8
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.810
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)22.0
Engine Coolant Temperature(øC)46
Short Term Fuel Trim -Bank 1(%) -16.4
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 913
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)32.0
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.31
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.585

Short Term Fuel Trim Bank 1-Sensor 1(%)-16.4
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)/N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.800
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)/99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)21.6
Engine Coolant Temperature(°C)46
Short Term Fuel Trim -Bank 1(%)-14.1
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 813
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)31.0
Intake Air Temperature(°C)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.64
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.545
Short Term Fuel Trim Bank 1-Sensor 1(%)-13.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)/N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.895
Short Term Fuel Trim Bank 2-Sensor 1(%)-19.5
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)/99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)21.6
Engine Coolant Temperature(°C)46
Short Term Fuel Trim -Bank 1(%)-14.8
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0

Engine RPM(rpm) 914
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)31.5
Intake Air Temperature(°C)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.54
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.850
Short Term Fuel Trim Bank 1-Sensor 1(%) -17.2
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.825
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)21.2
Engine Coolant Temperature(°C)46
Short Term Fuel Trim -Bank 1(%) -18.8
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 921
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)29.5
Intake Air Temperature(°C)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.27
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.640
Short Term Fuel Trim Bank 1-Sensor 1(%) -19.5
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.855
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0

Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)22.4
Engine Coolant Temperature(øC)47
Short Term Fuel Trim -Bank 1(%) -17.2
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 953
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)32.0
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.17
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.810
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.850
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0

Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)23.5
Engine Coolant Temperature(øC)47
Short Term Fuel Trim -Bank 1(%) -18.8
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 860
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)32.0
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)4.13
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.680
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000

Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.860
Short Term Fuel Trim Bank 2-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)21.2
Engine Coolant Temperature(øC)47
Short Term Fuel Trim -Bank 1(%)20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 789
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)31.5
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.03
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.670
Short Term Fuel Trim Bank 1-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.820
Short Term Fuel Trim Bank 2-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)27.1
Engine Coolant Temperature(øC)47
Short Term Fuel Trim -Bank 1(%)17.2
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 730
Vehicle Speed Sensor(km/h)0

Ignition Timing Advance for #1 Cylinder(ø)25.5
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.31
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.060
Short Term Fuel Trim Bank 1-Sensor 1(%)14.8
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.015
Short Term Fuel Trim Bank 2-Sensor 1(%)17.2
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)23.9
Engine Coolant Temperature(øC)47
Short Term Fuel Trim -Bank 1(%)13.3
Long Term Fuel Trim - Bank 1(%)50.0
Short Term Fuel Trim -Bank 2(%)15.6
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 1069
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)32.0
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.77
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.930
Short Term Fuel Trim Bank 1-Sensor 1(%)16.4
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.890
Short Term Fuel Trim Bank 2-Sensor 1(%)18.8
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--

Calculated Load Value(%)21.2
Engine Coolant Temperature(øC)48
Short Term Fuel Trim -Bank 1(%) -18.8
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 975
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)32.0
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.31
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.905
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.835
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)23.1
Engine Coolant Temperature(øC)48
Short Term Fuel Trim -Bank 1(%) -18.0
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 878
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)32.0
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.54
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.250
Short Term Fuel Trim Bank 1-Sensor 1(%) -16.4
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.800

Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)21.2
Engine Coolant Temperature(øC)48
Short Term Fuel Trim -Bank 1(%)-18.8
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 818
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)23.0
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.31
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.245
Short Term Fuel Trim Bank 1-Sensor 1(%)-16.4
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.830
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)23.5
Engine Coolant Temperature(øC)48
Short Term Fuel Trim -Bank 1(%)-14.1
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 753
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)25.0
Intake Air Temperature(øC)16

Air Flow Rate from Mass Air Flow Sensor(g/s)8.68
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.610
Short Term Fuel Trim Bank 1-Sensor 1(%)-12.5
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.870
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)19.6
Engine Coolant Temperature(øC)48
Short Term Fuel Trim -Bank 1(%)-15.6
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 848
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)22.5
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.68
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.850
Short Term Fuel Trim Bank 1-Sensor 1(%)-18.0
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.860
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)23.5
Engine Coolant Temperature(øC)49

Short Term Fuel Trim -Bank 1(%)-18.0
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 846
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)25.5
Intake Air Temperature(°C)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.31
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.540
Short Term Fuel Trim Bank 1-Sensor 1(%)-16.4
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.820
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusOL
Fuel System 2 status--
Calculated Load Value(%)24.3
Engine Coolant Temperature(°C)49
Short Term Fuel Trim -Bank 1(%)-14.8
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 836
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)24.0
Intake Air Temperature(°C)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.64
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.205
Short Term Fuel Trim Bank 1-Sensor 1(%)-12.5
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.845
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000

Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)23.9
Engine Coolant Temperature(øC)49
Short Term Fuel Trim -Bank 1(%) -14.8
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 859
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)20.5
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.40
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.780
Short Term Fuel Trim Bank 1-Sensor 1(%) -13.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.830
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)23.5
Engine Coolant Temperature(øC)49
Short Term Fuel Trim -Bank 1(%) -16.4
Long Term Fuel Trim - Bank 1(%)50.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 945
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)21.5
Intake Air Temperature(øC)16
Air Flow Rate from Mass Air Flow Sensor(g/s)8.54
Absolute Throttle Position(%)20.8

Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.305
Short Term Fuel Trim Bank 1-Sensor 1(%)-16.4
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.555
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Live Data

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)25.9
Engine Coolant Temperature(øC)73
Short Term Fuel Trim -Bank 1(%)-20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 732
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)21.0
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.42
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.930
Short Term Fuel Trim Bank 1-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.815
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)26.7

Engine Coolant Temperature(øC)73
Short Term Fuel Trim -Bank 1(%)-20.3
Long Term Fuel Trim - Bank 1(%).0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%).0
Engine RPM(rpm) 713
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)15.5
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.51
Absolute Throttle Position(%)60.4
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.945
Short Term Fuel Trim Bank 1-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%).N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.835
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)25.9
Engine Coolant Temperature(øC)74
Short Term Fuel Trim -Bank 1(%)-20.3
Long Term Fuel Trim - Bank 1(%).0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%).0
Engine RPM(rpm) 736
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)16.0
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.51
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.945
Short Term Fuel Trim Bank 1-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%).N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.870
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3

Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)25.9
Engine Coolant Temperature(øC)74
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 677
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)28.0
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.23
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.930
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.830
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)25.9
Engine Coolant Temperature(øC)74
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 743
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)16.0
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.42

Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.945
Short Term Fuel Trim Bank 1-Sensor 1(%)39.8
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.870
Short Term Fuel Trim Bank 2-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)26.3
Engine Coolant Temperature(øC)74
Short Term Fuel Trim -Bank 1(%)20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 713
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)25.0
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.19

Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.935
Short Term Fuel Trim Bank 1-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.800
Short Term Fuel Trim Bank 2-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)26.3
Engine Coolant Temperature(øC)74
Short Term Fuel Trim -Bank 1(%)20.3

Long Term Fuel Trim - Bank 1(%)50.0
Short Term Fuel Trim -Bank 2(%)20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 686
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)24.5
Intake Air Temperature(°C)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.42
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.925
Short Term Fuel Trim Bank 1-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.845
Short Term Fuel Trim Bank 2-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)25.1
Engine Coolant Temperature(°C)74
Short Term Fuel Trim -Bank 1(%)20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 696
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)21.5
Intake Air Temperature(°C)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.37
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.945
Short Term Fuel Trim Bank 1-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.835
Short Term Fuel Trim Bank 2-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2

OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)24.7
Engine Coolant Temperature(øC)74
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 689
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)22.0
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)9.49
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.940
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.835
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2

OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)25.9
Engine Coolant Temperature(øC)74
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 706
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)16.5
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.42
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--

Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.945
Short Term Fuel Trim Bank 1-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.870
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)25.9
Engine Coolant Temperature(øC)74
Short Term Fuel Trim -Bank 1(%)-20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 730
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)20.5
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.14
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.935
Short Term Fuel Trim Bank 1-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.805
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)27.5
Engine Coolant Temperature(øC)75
Short Term Fuel Trim -Bank 1(%)-20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3

Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 688
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)16.0
Intake Air Temperature(°C)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.33
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.930
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.870
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)27.8
Engine Coolant Temperature(°C)75
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 728
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)16.0
Intake Air Temperature(°C)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.19
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.945
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.755
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)25.9
Engine Coolant Temperature(øC)75
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 705
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)16.0
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.23
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.925
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.840
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 statusCL-Fault
Calculated Load Value(%)27.5
Engine Coolant Temperature(øC)75
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 709
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)20.0
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)125.99
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.935
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3

Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.865
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)25.9
Engine Coolant Temperature(øC)75
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 709
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)16.5
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.00
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.945
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.840
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)25.9
Engine Coolant Temperature(øC)75
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 711

Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)17.0
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.19
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.925
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.835
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--

Calculated Load Value(%)25.9
Engine Coolant Temperature(øC)75
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 627
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)27.5
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.23
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.920
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.840
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL

Fuel System 2 status--
Calculated Load Value(%)25.9
Engine Coolant Temperature(øC)75
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 678
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)19.5
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.37
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.935
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.865
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)26.7
Engine Coolant Temperature(øC)75
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 705
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)15.5
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.37
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.945
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A

Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.875
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)-99.2
OBD requirements to which vehicle is designed--

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)25.9
Engine Coolant Temperature(°C)76
Short Term Fuel Trim -Bank 1(%)-20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 700
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)15.5
Intake Air Temperature(°C)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.42
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.945
Short Term Fuel Trim Bank 1-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.795
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)-99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)26.3
Engine Coolant Temperature(°C)76
Short Term Fuel Trim -Bank 1(%)-20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 700
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)24.5

Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.00
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.925
Short Term Fuel Trim Bank 1-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.810
Short Term Fuel Trim Bank 2-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)26.3
Engine Coolant Temperature(øC)76
Short Term Fuel Trim -Bank 1(%)20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)39.8
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 651
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)24.5
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.00
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.455
Short Term Fuel Trim Bank 1-Sensor 1(%)60.2
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.790
Short Term Fuel Trim Bank 2-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)25.9

Engine Coolant Temperature(øC)76
Short Term Fuel Trim -Bank 1(%)-20.3
Long Term Fuel Trim - Bank 1(%).0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%).0
Engine RPM(rpm) 714
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)19.0
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.42
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.940
Short Term Fuel Trim Bank 1-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%).N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.825
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%).99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)25.9
Engine Coolant Temperature(øC)76
Short Term Fuel Trim -Bank 1(%)-20.3
Long Term Fuel Trim - Bank 1(%).0
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%).0
Engine RPM(rpm) 711
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)19.0
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.33
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.920
Short Term Fuel Trim Bank 1-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%).N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.845
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3

Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)26.3
Engine Coolant Temperature(øC)76
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 721
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)16.5
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)5.91
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.935
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.870
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)26.3
Engine Coolant Temperature(øC)77
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 706
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)14.5
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.42

Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.945
Short Term Fuel Trim Bank 1-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.870
Short Term Fuel Trim Bank 2-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)26.3
Engine Coolant Temperature(øC)77
Short Term Fuel Trim -Bank 1(%)20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 673
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)19.5
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.37

Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.940
Short Term Fuel Trim Bank 1-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.855
Short Term Fuel Trim Bank 2-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)27.8
Engine Coolant Temperature(øC)77
Short Term Fuel Trim -Bank 1(%)20.3

Long Term Fuel Trim - Bank 1(%)50.0
Short Term Fuel Trim -Bank 2(%)20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 691
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)17.0
Intake Air Temperature(°C)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.37
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.930
Short Term Fuel Trim Bank 1-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.870
Short Term Fuel Trim Bank 2-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)29.0
Engine Coolant Temperature(°C)77
Short Term Fuel Trim -Bank 1(%)20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 689
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)20.5
Intake Air Temperature(°C)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.51
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.945
Short Term Fuel Trim Bank 1-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.435
Short Term Fuel Trim Bank 2-Sensor 1(%)39.8
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2

OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)25.9
Engine Coolant Temperature(øC)146
Short Term Fuel Trim -Bank 1(%)20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 597
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)27.0
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.19
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.915
Short Term Fuel Trim Bank 1-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.850
Short Term Fuel Trim Bank 2-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)26.3
Engine Coolant Temperature(øC)77
Short Term Fuel Trim -Bank 1(%)20.3
Long Term Fuel Trim - Bank 1(%)0.0
Short Term Fuel Trim -Bank 2(%)20.3
Long Term Fuel Trim - Bank 2(%)0.0
Engine RPM(rpm) 693
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)17.0
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.33
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--

Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.945
Short Term Fuel Trim Bank 1-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.875
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)25.5
Engine Coolant Temperature(øC)77
Short Term Fuel Trim -Bank 1(%)-20.3
Long Term Fuel Trim - Bank 1(%)-2.3
Short Term Fuel Trim -Bank 2(%)-20.3
Long Term Fuel Trim - Bank 2(%)-2.3
Engine RPM(rpm) 668
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)20.0
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)5.91
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.925
Short Term Fuel Trim Bank 1-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.860
Short Term Fuel Trim Bank 2-Sensor 1(%)-20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)26.3
Engine Coolant Temperature(øC)77
Short Term Fuel Trim -Bank 1(%)-20.3
Long Term Fuel Trim - Bank 1(%)-3.9
Short Term Fuel Trim -Bank 2(%)-20.3

Long Term Fuel Trim - Bank 2(%) -3.9
Engine RPM(rpm) 633
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)22.5
Intake Air Temperature(°C)116
Air Flow Rate from Mass Air Flow Sensor(g/s)5.91
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.890
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.835
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)29.0
Engine Coolant Temperature(°C)146
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%) -6.3
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%) -6.3
Engine RPM(rpm) 676
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)21.0
Intake Air Temperature(°C)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.33
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.920
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.390
Short Term Fuel Trim Bank 2-Sensor 1(%) -18.8
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)27.1
Engine Coolant Temperature(øC)77
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%) -7.8
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%) -7.8
Engine RPM(rpm) 689
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)19.0
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.00
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.900
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.765
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)28.2
Engine Coolant Temperature(øC)77
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%) -10.2
Short Term Fuel Trim -Bank 2(%) -20.3
Long Term Fuel Trim - Bank 2(%) -9.4
Engine RPM(rpm) 723
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)23.5
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.23
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.900
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3

Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.120
Short Term Fuel Trim Bank 2-Sensor 1(%)18.8
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)28.2
Engine Coolant Temperature(øC)78
Short Term Fuel Trim -Bank 1(%)20.3
Long Term Fuel Trim - Bank 1(%)11.7
Short Term Fuel Trim -Bank 2(%)20.3
Long Term Fuel Trim - Bank 2(%)10.9
Engine RPM(rpm) 673
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)27.0
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.37
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S1--4B2S1--4
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.595
Short Term Fuel Trim Bank 1-Sensor 1(%)20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.060
Short Term Fuel Trim Bank 2-Sensor 1(%)18.0
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)26.7
Engine Coolant Temperature(øC)78
Short Term Fuel Trim -Bank 1(%)20.3
Long Term Fuel Trim - Bank 1(%)14.1
Short Term Fuel Trim -Bank 2(%)19.5
Long Term Fuel Trim - Bank 2(%)12.5
Engine RPM(rpm) 699

Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)17.0
Intake Air Temperature(°C)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.33
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.870
Short Term Fuel Trim Bank 1-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.645
Short Term Fuel Trim Bank 2-Sensor 1(%) -20.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--

Calculated Load Value(%)15.3
Engine Coolant Temperature(°C)78
Short Term Fuel Trim -Bank 1(%) -20.3
Long Term Fuel Trim - Bank 1(%)42.2
Short Term Fuel Trim -Bank 2(%) -59.4
Long Term Fuel Trim - Bank 2(%) -13.3
Engine RPM(rpm) 648

Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)27.5
Intake Air Temperature(°C)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.56
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.455
Short Term Fuel Trim Bank 1-Sensor 1(%) -18.8
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.055
Short Term Fuel Trim Bank 2-Sensor 1(%) -16.4
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL

Fuel System 2 status--
Calculated Load Value(%)34.9
Engine Coolant Temperature(øC)78
Short Term Fuel Trim -Bank 1(%) -17.2
Long Term Fuel Trim - Bank 1(%) -17.2
Short Term Fuel Trim -Bank 2(%) -18.0
Long Term Fuel Trim - Bank 2(%) -14.1
Engine RPM(rpm) 715
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)18.0
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.74
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.450
Short Term Fuel Trim Bank 1-Sensor 1(%) -14.8
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.135
Short Term Fuel Trim Bank 2-Sensor 1(%) -14.8
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)29.0
Engine Coolant Temperature(øC)78
Short Term Fuel Trim -Bank 1(%) -13.3
Long Term Fuel Trim - Bank 1(%) -18.8
Short Term Fuel Trim -Bank 2(%) -15.6
Long Term Fuel Trim - Bank 2(%) -14.8
Engine RPM(rpm) 696
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)24.5
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.65
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.575
Short Term Fuel Trim Bank 1-Sensor 1(%) -13.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A

Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.805
Short Term Fuel Trim Bank 2-Sensor 1(%)-15.6
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)-99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)26.3
Engine Coolant Temperature(°C)78
Short Term Fuel Trim -Bank 1(%)-15.6
Long Term Fuel Trim - Bank 1(%)-20.3
Short Term Fuel Trim -Bank 2(%)-15.6
Long Term Fuel Trim - Bank 2(%)-15.6
Engine RPM(rpm) 690
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)18.0
Intake Air Temperature(°C)116
Air Flow Rate from Mass Air Flow Sensor(g/s)6.83
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.630
Short Term Fuel Trim Bank 1-Sensor 1(%)-14.8
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.765
Short Term Fuel Trim Bank 2-Sensor 1(%)-18.0
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)-99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)29.0
Engine Coolant Temperature(°C)78
Short Term Fuel Trim -Bank 1(%)-14.1
Long Term Fuel Trim - Bank 1(%)-21.9
Short Term Fuel Trim -Bank 2(%)-15.6
Long Term Fuel Trim - Bank 2(%)-17.2
Engine RPM(rpm) 678
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)20.0

Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.79
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.410
Short Term Fuel Trim Bank 1-Sensor 1(%) -11.7
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.035
Short Term Fuel Trim Bank 2-Sensor 1(%) -14.1
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)29.4
Engine Coolant Temperature(øC)78
Short Term Fuel Trim -Bank 1(%) -10.2
Long Term Fuel Trim - Bank 1(%) -21.9
Short Term Fuel Trim -Bank 2(%) -13.3
Long Term Fuel Trim - Bank 2(%) -17.2
Engine RPM(rpm) 721
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)20.0
Intake Air Temperature(øC)17
Air Flow Rate from Mass Air Flow Sensor(g/s)6.83
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.570
Short Term Fuel Trim Bank 1-Sensor 1(%) -11.7
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.000
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.070
Short Term Fuel Trim Bank 2-Sensor 1(%)43.0
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Live Data

Numbers of DTCs 0

Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)27.1
Engine Coolant Temperature(øC)92
Short Term Fuel Trim -Bank 1(%) -10.9
Long Term Fuel Trim - Bank 1(%) -25.0
Short Term Fuel Trim -Bank 2(%) -13.3
Long Term Fuel Trim - Bank 2(%) -25.0
Engine RPM(rpm) 617
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)27.0
Intake Air Temperature(øC)26
Air Flow Rate from Mass Air Flow Sensor(g/s)6.00
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.455
Short Term Fuel Trim Bank 1-Sensor 1(%) -12.5
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.825
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.105
Short Term Fuel Trim Bank 2-Sensor 1(%) -10.9
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.730
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)28.2
Engine Coolant Temperature(øC)92
Short Term Fuel Trim -Bank 1(%) -12.5
Long Term Fuel Trim - Bank 1(%) -25.0
Short Term Fuel Trim -Bank 2(%) -12.5
Long Term Fuel Trim - Bank 2(%) -25.0
Engine RPM(rpm) 623
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)16.0
Intake Air Temperature(øC)26
Air Flow Rate from Mass Air Flow Sensor(g/s)5.77
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.310
Short Term Fuel Trim Bank 1-Sensor 1(%) -10.9
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.825

Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.810
Short Term Fuel Trim Bank 2-Sensor 1(%)14.1
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.730
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)29.0
Engine Coolant Temperature(øC)92
Short Term Fuel Trim -Bank 1(%)9.4
Long Term Fuel Trim - Bank 1(%)25.0
Short Term Fuel Trim -Bank 2(%)14.1
Long Term Fuel Trim - Bank 2(%)25.0
Engine RPM(rpm) 614
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)19.0
Intake Air Temperature(øC)26
Air Flow Rate from Mass Air Flow Sensor(g/s)5.91
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.295
Short Term Fuel Trim Bank 1-Sensor 1(%)8.6
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.815
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.065
Short Term Fuel Trim Bank 2-Sensor 1(%)11.7
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.725
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)27.1
Engine Coolant Temperature(øC)92
Short Term Fuel Trim -Bank 1(%)10.9
Long Term Fuel Trim - Bank 1(%)25.0
Short Term Fuel Trim -Bank 2(%)13.3
Long Term Fuel Trim - Bank 2(%)25.0
Engine RPM(rpm) 636
Vehicle Speed Sensor(km/h)0

Ignition Timing Advance for #1 Cylinder(ø)23.5
Intake Air Temperature(øC)26
Air Flow Rate from Mass Air Flow Sensor(g/s)5.82
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.445
Short Term Fuel Trim Bank 1-Sensor 1(%)43.8
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.825
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.080
Short Term Fuel Trim Bank 2-Sensor 1(%) -14.1
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.740
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)29.4
Engine Coolant Temperature(øC)91
Short Term Fuel Trim -Bank 1(%) -10.2
Long Term Fuel Trim - Bank 1(%) -25.0
Short Term Fuel Trim -Bank 2(%) -11.7
Long Term Fuel Trim - Bank 2(%) -25.0
Engine RPM(rpm) 672
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)14.5
Intake Air Temperature(øC)26
Air Flow Rate from Mass Air Flow Sensor(g/s)6.00
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.545
Short Term Fuel Trim Bank 1-Sensor 1(%) -11.7
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.815
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.825
Short Term Fuel Trim Bank 2-Sensor 1(%) -13.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.730
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--

Calculated Load Value(%)27.5
Engine Coolant Temperature(øC)91
Short Term Fuel Trim -Bank 1(%) -12.5
Long Term Fuel Trim - Bank 1(%) -25.0
Short Term Fuel Trim -Bank 2(%) -11.7
Long Term Fuel Trim - Bank 2(%) -25.0
Engine RPM(rpm) 641
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)15.0
Intake Air Temperature(øC)25
Air Flow Rate from Mass Air Flow Sensor(g/s)6.14
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.375
Short Term Fuel Trim Bank 1-Sensor 1(%) -13.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.815
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.115
Short Term Fuel Trim Bank 2-Sensor 1(%) -14.1
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.735
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)28.6
Engine Coolant Temperature(øC)91
Short Term Fuel Trim -Bank 1(%) -13.3
Long Term Fuel Trim - Bank 1(%) -25.0
Short Term Fuel Trim -Bank 2(%) -14.1
Long Term Fuel Trim - Bank 2(%) -25.0
Engine RPM(rpm) 4429
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)13.0
Intake Air Temperature(øC)25
Air Flow Rate from Mass Air Flow Sensor(g/s)5.63
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.430
Short Term Fuel Trim Bank 1-Sensor 1(%) -14.1
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.815
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.330

Short Term Fuel Trim Bank 2-Sensor 1(%)-13.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.735
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)27.8
Engine Coolant Temperature(øC)91
Short Term Fuel Trim -Bank 1(%)-12.5
Long Term Fuel Trim - Bank 1(%)-25.0
Short Term Fuel Trim -Bank 2(%)-11.7
Long Term Fuel Trim - Bank 2(%)-25.0
Engine RPM(rpm) 710
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)15.0
Intake Air Temperature(øC)24
Air Flow Rate from Mass Air Flow Sensor(g/s)2.79
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.480
Short Term Fuel Trim Bank 1-Sensor 1(%)-13.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.795
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.825
Short Term Fuel Trim Bank 2-Sensor 1(%)-14.1
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.705
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)29.0
Engine Coolant Temperature(øC)91
Short Term Fuel Trim -Bank 1(%)-13.3
Long Term Fuel Trim - Bank 1(%)-25.0
Short Term Fuel Trim -Bank 2(%)-12.5
Long Term Fuel Trim - Bank 2(%)-25.0
Engine RPM(rpm) 621
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)17.5
Intake Air Temperature(øC)24

Air Flow Rate from Mass Air Flow Sensor(g/s)5.82
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.415
Short Term Fuel Trim Bank 1-Sensor 1(%)-13.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.805
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.780
Short Term Fuel Trim Bank 2-Sensor 1(%)-14.1
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.710
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)29.0
Engine Coolant Temperature(øC)91
Short Term Fuel Trim -Bank 1(%)-14.1
Long Term Fuel Trim - Bank 1(%)-25.0
Short Term Fuel Trim -Bank 2(%)-14.8
Long Term Fuel Trim - Bank 2(%)-25.0
Engine RPM(rpm) 636
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)23.0
Intake Air Temperature(øC)24
Air Flow Rate from Mass Air Flow Sensor(g/s)6.00
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.280
Short Term Fuel Trim Bank 1-Sensor 1(%)-12.5
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.800
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.050
Short Term Fuel Trim Bank 2-Sensor 1(%)-13.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.735
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 48
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)29.4
Engine Coolant Temperature(øC)91

Short Term Fuel Trim -Bank 1(%)-11.7
Long Term Fuel Trim - Bank 1(%)37.5
Short Term Fuel Trim -Bank 2(%)-11.7
Long Term Fuel Trim - Bank 2(%)-25.0
Engine RPM(rpm) 638
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)20.0
Intake Air Temperature(°C)24
Air Flow Rate from Mass Air Flow Sensor(g/s)5.77
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.285
Short Term Fuel Trim Bank 1-Sensor 1(%)-13.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.800
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.040
Short Term Fuel Trim Bank 2-Sensor 1(%)-10.9
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.725
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)30.2
Engine Coolant Temperature(°C)91
Short Term Fuel Trim -Bank 1(%)-13.3
Long Term Fuel Trim - Bank 1(%)-25.0
Short Term Fuel Trim -Bank 2(%)-12.5
Long Term Fuel Trim - Bank 2(%)-25.0
Engine RPM(rpm) 646
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)23.0
Intake Air Temperature(°C)24
Air Flow Rate from Mass Air Flow Sensor(g/s)5.63
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.440
Short Term Fuel Trim Bank 1-Sensor 1(%)-14.1
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.800
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.805
Short Term Fuel Trim Bank 2-Sensor 1(%)-13.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.715

Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)30.6
Engine Coolant Temperature(øC)91
Short Term Fuel Trim -Bank 1(%) -14.1
Long Term Fuel Trim - Bank 1(%) -25.0
Short Term Fuel Trim -Bank 2(%) -13.3
Long Term Fuel Trim - Bank 2(%) -25.0
Engine RPM(rpm) 676
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)14.5
Intake Air Temperature(øC)24
Air Flow Rate from Mass Air Flow Sensor(g/s)5.82
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.360
Short Term Fuel Trim Bank 1-Sensor 1(%) -12.5
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.790
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.650
Short Term Fuel Trim Bank 2-Sensor 1(%) -14.1
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.715
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)30.6
Engine Coolant Temperature(øC)91
Short Term Fuel Trim -Bank 1(%) -14.1
Long Term Fuel Trim - Bank 1(%) -25.0
Short Term Fuel Trim -Bank 2(%) -11.7
Long Term Fuel Trim - Bank 2(%) -25.0
Engine RPM(rpm) 665
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)25.0
Intake Air Temperature(øC)24
Air Flow Rate from Mass Air Flow Sensor(g/s)5.77
Absolute Throttle Position(%)20.8

Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.295
Short Term Fuel Trim Bank 1-Sensor 1(%)-12.5
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.790
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.030
Short Term Fuel Trim Bank 2-Sensor 1(%)-10.9
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.710
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)28.2
Engine Coolant Temperature(øC)92
Short Term Fuel Trim -Bank 1(%)-11.7
Long Term Fuel Trim - Bank 1(%)-25.0
Short Term Fuel Trim -Bank 2(%)-10.2
Long Term Fuel Trim - Bank 2(%)-25.0
Engine RPM(rpm) 648
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)27.0
Intake Air Temperature(øC)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.77
Absolute Throttle Position(%)20.8

Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.300
Short Term Fuel Trim Bank 1-Sensor 1(%)-10.2
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.775
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.070
Short Term Fuel Trim Bank 2-Sensor 1(%)-8.6
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.710
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)28.2
Engine Coolant Temperature(øC)92
Short Term Fuel Trim -Bank 1(%)-11.7
Long Term Fuel Trim - Bank 1(%)-25.0

Short Term Fuel Trim -Bank 2(%)-10.9
Long Term Fuel Trim - Bank 2(%)-25.0
Engine RPM(rpm) 620
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)25.0
Intake Air Temperature(°C)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.49
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.325
Short Term Fuel Trim Bank 1-Sensor 1(%)-12.5
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.795
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.060
Short Term Fuel Trim Bank 2-Sensor 1(%)-9.4
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.720
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)28.6
Engine Coolant Temperature(°C)92
Short Term Fuel Trim -Bank 1(%)-12.5
Long Term Fuel Trim - Bank 1(%)-25.0
Short Term Fuel Trim -Bank 2(%)-10.9
Long Term Fuel Trim - Bank 2(%)-25.0
Engine RPM(rpm) 688
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)14.5
Intake Air Temperature(°C)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.91
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S1--4B2S1--4
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.530
Short Term Fuel Trim Bank 1-Sensor 1(%)-12.5
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.805
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.510
Short Term Fuel Trim Bank 2-Sensor 1(%)-11.7
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.740
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)29.0
Engine Coolant Temperature(øC)92
Short Term Fuel Trim -Bank 1(%) -12.5
Long Term Fuel Trim - Bank 1(%) -25.0
Short Term Fuel Trim -Bank 2(%) -10.2
Long Term Fuel Trim - Bank 2(%) -25.0
Engine RPM(rpm) 646
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)23.0
Intake Air Temperature(øC)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.77
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.325
Short Term Fuel Trim Bank 1-Sensor 1(%) -10.2
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.800
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.160
Short Term Fuel Trim Bank 2-Sensor 1(%) -8.6
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.730
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)28.2
Engine Coolant Temperature(øC)92
Short Term Fuel Trim -Bank 1(%) -8.6
Long Term Fuel Trim - Bank 1(%) -25.0
Short Term Fuel Trim -Bank 2(%) -10.9
Long Term Fuel Trim - Bank 2(%) -25.0
Engine RPM(rpm) 680
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)18.0
Intake Air Temperature(øC)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.96
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.490

Short Term Fuel Trim Bank 1-Sensor 1(%)-11.7
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.815
Short Term Fuel Trim Bank 1-Sensor 2(%N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.830
Short Term Fuel Trim Bank 2-Sensor 1(%)-11.7
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.750
Short Term Fuel Trim Bank 2-Sensor 2(%99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)29.0
Engine Coolant Temperature(øC)92
Short Term Fuel Trim -Bank 1(%)-11.7
Long Term Fuel Trim - Bank 1(%)-25.0
Short Term Fuel Trim -Bank 2(%)-10.2
Long Term Fuel Trim - Bank 2(%)-25.0
Engine RPM(rpm) 666
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)13.0
Intake Air Temperature(øC)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.96
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.660
Short Term Fuel Trim Bank 1-Sensor 1(%)-12.5
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.815
Short Term Fuel Trim Bank 1-Sensor 2(%N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.840
Short Term Fuel Trim Bank 2-Sensor 1(%)-12.5
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.725
Short Term Fuel Trim Bank 2-Sensor 2(%99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)29.0
Engine Coolant Temperature(øC)93
Short Term Fuel Trim -Bank 1(%)-12.5
Long Term Fuel Trim - Bank 1(%)-25.0
Short Term Fuel Trim -Bank 2(%)-13.3
Long Term Fuel Trim - Bank 2(%)-25.0

Engine RPM(rpm) 702
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)15.5
Intake Air Temperature(°C)23
Air Flow Rate from Mass Air Flow Sensor(g/s)6.05
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.695
Short Term Fuel Trim Bank 1-Sensor 1(%) -12.5
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.815
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.800
Short Term Fuel Trim Bank 2-Sensor 1(%) -13.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.720
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)28.2
Engine Coolant Temperature(°C)93
Short Term Fuel Trim -Bank 1(%)86.7
Long Term Fuel Trim - Bank 1(%) -25.0
Short Term Fuel Trim -Bank 2(%) -10.9
Long Term Fuel Trim - Bank 2(%) -25.0
Engine RPM(rpm) 652
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)22.0
Intake Air Temperature(°C)23
Air Flow Rate from Mass Air Flow Sensor(g/s)6.00
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.305
Short Term Fuel Trim Bank 1-Sensor 1(%) -14.1
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.815
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.800
Short Term Fuel Trim Bank 2-Sensor 1(%) -11.7
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.715
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0

Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)28.6
Engine Coolant Temperature(øC)93
Short Term Fuel Trim -Bank 1(%) -11.7
Long Term Fuel Trim - Bank 1(%) -25.0
Short Term Fuel Trim -Bank 2(%) -12.5
Long Term Fuel Trim - Bank 2(%) -25.0
Engine RPM(rpm) 656
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)22.0
Intake Air Temperature(øC)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.59
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.295
Short Term Fuel Trim Bank 1-Sensor 1(%) -10.2
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.815
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.050
Short Term Fuel Trim Bank 2-Sensor 1(%) -10.9
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.740
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0

Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)28.6
Engine Coolant Temperature(øC)93
Short Term Fuel Trim -Bank 1(%) -11.7
Long Term Fuel Trim - Bank 1(%) -25.0
Short Term Fuel Trim -Bank 2(%) -11.7
Long Term Fuel Trim - Bank 2(%) -25.0
Engine RPM(rpm) 344
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)20.0
Intake Air Temperature(øC)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.77
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.410
Short Term Fuel Trim Bank 1-Sensor 1(%) -12.5
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.820

Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.090
Short Term Fuel Trim Bank 2-Sensor 1(%)10.9
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.725
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)29.0
Engine Coolant Temperature(øC)93
Short Term Fuel Trim -Bank 1(%)12.5
Long Term Fuel Trim - Bank 1(%)25.0
Short Term Fuel Trim -Bank 2(%)12.5
Long Term Fuel Trim - Bank 2(%)25.0
Engine RPM(rpm) 679
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)22.5
Intake Air Temperature(øC)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.77
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.300
Short Term Fuel Trim Bank 1-Sensor 1(%)10.9
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.815
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.070
Short Term Fuel Trim Bank 2-Sensor 1(%)13.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)1.000
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 64
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)27.8
Engine Coolant Temperature(øC)93
Short Term Fuel Trim -Bank 1(%)10.2
Long Term Fuel Trim - Bank 1(%)25.0
Short Term Fuel Trim -Bank 2(%)10.2
Long Term Fuel Trim - Bank 2(%)25.0
Engine RPM(rpm) 638
Vehicle Speed Sensor(km/h)0

Ignition Timing Advance for #1 Cylinder(ø)24.0
Intake Air Temperature(øC)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.82
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.305
Short Term Fuel Trim Bank 1-Sensor 1(%) -11.7
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.805
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.040
Short Term Fuel Trim Bank 2-Sensor 1(%) -9.4
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.715
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)27.5
Engine Coolant Temperature(øC)94
Short Term Fuel Trim -Bank 1(%) -10.2
Long Term Fuel Trim - Bank 1(%)37.5
Short Term Fuel Trim -Bank 2(%) -11.7
Long Term Fuel Trim - Bank 2(%) -25.0
Engine RPM(rpm) 647
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)23.0
Intake Air Temperature(øC)119
Air Flow Rate from Mass Air Flow Sensor(g/s)5.91
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.390
Short Term Fuel Trim Bank 1-Sensor 1(%) -11.7
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.800
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.825
Short Term Fuel Trim Bank 2-Sensor 1(%) -11.7
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.710
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--

Calculated Load Value(%)28.2
Engine Coolant Temperature(øC)94
Short Term Fuel Trim -Bank 1(%) -11.7
Long Term Fuel Trim - Bank 1(%) -25.0
Short Term Fuel Trim -Bank 2(%) -12.5
Long Term Fuel Trim - Bank 2(%) -25.0
Engine RPM(rpm) 628
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)19.0
Intake Air Temperature(øC)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.82
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.370
Short Term Fuel Trim Bank 1-Sensor 1(%) -11.7
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.820
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.060
Short Term Fuel Trim Bank 2-Sensor 1(%) -13.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.745
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0

Fuel system 1 statusCL

Fuel System 2 status--

Calculated Load Value(%)28.2

Engine Coolant Temperature(øC)94

Short Term Fuel Trim -Bank 1(%) -9.4

Long Term Fuel Trim - Bank 1(%) -25.0

Short Term Fuel Trim -Bank 2(%) -10.2

Long Term Fuel Trim - Bank 2(%) -25.0

Engine RPM(rpm) 690

Vehicle Speed Sensor(km/h)0

Ignition Timing Advance for #1 Cylinder(ø)14.0

Intake Air Temperature(øC)23

Air Flow Rate from Mass Air Flow Sensor(g/s)5.77

Absolute Throttle Position(%)20.8

Location of Oxygen SensorsB1S12--B2S12--

Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.295

Short Term Fuel Trim Bank 1-Sensor 1(%) -11.7

Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.810

Short Term Fuel Trim Bank 1-Sensor 2(%)N/A

Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.815

Short Term Fuel Trim Bank 2-Sensor 1(%)-12.5
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.735
Short Term Fuel Trim Bank 2-Sensor 2(%)-99.2
OBD requirements to which vehicle is designed--

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)29.0
Engine Coolant Temperature(øC)94
Short Term Fuel Trim -Bank 1(%)-10.2
Long Term Fuel Trim - Bank 1(%)-25.0
Short Term Fuel Trim -Bank 2(%)-10.9
Long Term Fuel Trim - Bank 2(%)-25.0
Engine RPM(rpm) 698
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)12.0
Intake Air Temperature(øC)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.96
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.445
Short Term Fuel Trim Bank 1-Sensor 1(%)-11.7
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.810
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.830
Short Term Fuel Trim Bank 2-Sensor 1(%)-12.5
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.715
Short Term Fuel Trim Bank 2-Sensor 2(%)-99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)28.6
Engine Coolant Temperature(øC)94
Short Term Fuel Trim -Bank 1(%)-11.7
Long Term Fuel Trim - Bank 1(%)-25.0
Short Term Fuel Trim -Bank 2(%)-13.3
Long Term Fuel Trim - Bank 2(%)-25.0
Engine RPM(rpm) 652
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)16.0
Intake Air Temperature(øC)23

Air Flow Rate from Mass Air Flow Sensor(g/s)5.63
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.320
Short Term Fuel Trim Bank 1-Sensor 1(%) -9.4
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.815
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.045
Short Term Fuel Trim Bank 2-Sensor 1(%) -10.9
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.735
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)27.1
Engine Coolant Temperature(øC)94
Short Term Fuel Trim -Bank 1(%) -10.9
Long Term Fuel Trim - Bank 1(%) -25.0
Short Term Fuel Trim -Bank 2(%) -12.5
Long Term Fuel Trim - Bank 2(%) -25.0
Engine RPM(rpm) 637
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)21.0
Intake Air Temperature(øC)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.54
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.450
Short Term Fuel Trim Bank 1-Sensor 1(%) -11.7
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.820
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.205
Short Term Fuel Trim Bank 2-Sensor 1(%) -13.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.715
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
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le is designedOBDII
Numbers of DTCs 0
Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)29.0

Engine Coolant Temperature(øC)94
Short Term Fuel Trim -Bank 1(%)-11.7
Long Term Fuel Trim - Bank 1(%)-25.0
Short Term Fuel Trim -Bank 2(%)-14.1
Long Term Fuel Trim - Bank 2(%)-25.0
Engine RPM(rpm) 678
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)22.0
Intake Air Temperature(øC)119
Air Flow Rate from Mass Air Flow Sensor(g/s)5.96
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.305
Short Term Fuel Trim Bank 1-Sensor 1(%)-12.5
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.810
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.075
sor 1(%)-10.9
sor 1(%)-10.9
nk 2-Sensor 2(V)0.720
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0

Fuel system 1 statusCL

Fuel System 2 status--

Fuel System 2 status--

Calculated Load Value(%)28.6

Engine Coolant Temperature(øC)94

Short Term Fuel Trim -Bank 1(%)-10.9

-25.0

-25.0

-13.3

-13.3

-25.0

-25.0

Engine RPM(rpm) 603

Vehicle Speed Sensor(km/h)0

Ignition Timing Advance for #1 Cylinder(ø)19.5

Intake Air Temperature(øC)23

Air Flow Rate from Mass Air Flow Sensor(g/s)5.82

Absolute Throttle Position(%)20.8

Location of Oxygen SensorsB1S12--B2S12--

Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.355

Short Term Fuel Trim Bank 1-Sensor 1(%)-9.4
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.815
Short Term Fuel Trim Bank 1-Sensor 2(%N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.045
Short Term Fuel Trim Bank 2-Sensor 1(%)-11.7
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.735
Short Term Fuel Trim Bank 2-Sensor 2(%99.2
OBD requirements to which vehicle is designedOBDII
Numbers of DTCs 0
Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)28.2
Engine Coolant Temperature(øC)95
Short Term Fuel Trim -Bank 1(%)-8.6
Long Term Fuel Trim - Bank 1(%)-25.0
Short Term Fuel Trim -Bank 2(%)-13.3
Long Term Fuel Trim - Bank 2(%)-25.0
Engine RPM(rpm) 654
Vehicle Speed Sensor(km/h)0
Ignition Timing Advanece for #1 Cylinder(ø)17.0
Intake Air Temperature(øC)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.91
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.335
Short Term Fuel Trim Bank 1-Sensor 1(%)-7.0
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.820
Short Term Fuel Trim Bank 1-Sensor 2(%N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.060
sor 1(%)-10.9
sor 1(%)-10.9
nk 2-Sensor 2(V)0.720
nk 2-Sensor 2(V)0.720
sor 2(%99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Fuel System 2 status--
Calculated Load Value(%)29.0
Engine Coolant Temperature(øC)95
Short Term Fuel Trim -Bank 1(%)-9.4

Long Term Fuel Trim - Bank 1(%)-25.0
-11.7
-11.7
-25.0
-25.0
Engine RPM(rpm) 667
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)21.0
Intake Air Temperature(°C)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.77
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.545
sor 1(%)-10.2
sor 1(%)-10.2
nk 1-Sensor 2(V)0.820
nk 1-Sensor 2(V)0.820
sor 2(%)N/A
sor 2(%)N/A
nk 2-Sensor 1(V)0.100
Short Term Fuel Trim Bank 2-Sensor 1(%)-12.5
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.735
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Fuel System 2 status--
Engine Coolant Temperature(°C)95
Short Term Fuel Trim -Bank 1(%)-10.2
-25.0
-25.0
-10.9
-10.9
-25.0
Engine RPM(rpm) 623
Engine RPM(rpm) 623
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)27.0
Intake Air Temperature(°C)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.91
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--

Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.500
sor 1(%)-9.4
sor 1(%)-9.4
nk 1-Sensor 2(V)0.815
nk 1-Sensor 2(V)0.815
sor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.060
Short Term Fuel Trim Bank 2-Sensor 1(%)-9.4
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.730
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)27.1
Calculated Load Value(%)27.1
5
5
-10.2
Long Term Fuel Trim - Bank 1(%)-25.0
Short Term Fuel Trim -Bank 2(%)-10.9
Long Term Fuel Trim - Bank 2(%)-25.0
Engine RPM(rpm) 667
Vehicle Speed Sensor(km/h)0
Vehicle Speed Sensor(km/h)0
Cylinder(ø)21.0
Intake Air Temperature(øC)23
Intake Air Temperature(øC)23
w Sensor(g/s)5.54
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.710
Short Term Fuel Trim Bank 1-Sensor 1(%)-11.7
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.810
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
nk 2-Sensor 1(V)0.790
nk 2-Sensor 1(V)0.790
sor 1(%)-11.7
sor 1(%)-11.7
nk 2-Sensor 2(V)1.000
nk 2-Sensor 2(V)1.000
sor 2(%)0.8
sor 2(%)0.8

le is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)28.6
Engine Coolant Temperature(øC)95
Short Term Fuel Trim -Bank 1(%) -11.7
-25.0
-25.0
-56.3
-56.3
-25.0
-25.0
Engine RPM(rpm) 658
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(ø)14.5
Intake Air Temperature(øC)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.63
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
nk 1-Sensor 1(V)0.765
nk 1-Sensor 1(V)0.765
sor 1(%) -10.9
sor 1(%) -10.9
nk 1-Sensor 2(V)0.815
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.085
Short Term Fuel Trim Bank 2-Sensor 1(%) -13.3
nk 2-Sensor 2(V)0.715
nk 2-Sensor 2(V)0.715
sor 2(%)99.2
sor 2(%)99.2

le is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)28.6
Engine Coolant Temperature(øC)95
Short Term Fuel Trim -Bank 1(%) -11.7
Long Term Fuel Trim - Bank 1(%) -25.0

-10.2
-10.2
-25.0
-25.0
Engine RPM(rpm) 657
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)16.5
Intake Air Temperature(°C)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.82
Absolute Throttle Position(%)20.8
Location of Oxygen SensorsB1S12--B2S12--
nk 1-Sensor 1(V)0.305
nk 1-Sensor 1(V)0.305
sor 1(%) -10.2
sor 1(%) -10.2
nk 1-Sensor 2(V)0.810
Short Term Fuel Trim Bank 1-Sensor 2(%)N/A
Oxygen Sensor Output Voltage Bank 2-Sensor 1(V)0.800
Short Term Fuel Trim Bank 2-Sensor 1(%) -13.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.715
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
le is designedOBDII
le is designedOBDII
Numbers of DTCs 0
Fuel system 1 statusCL
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)14.9
Engine Coolant Temperature(°C)95
Short Term Fuel Trim -Bank 1(%) -11.7
Long Term Fuel Trim - Bank 1(%) -25.0
-13.3
-13.3
-25.0
Engine RPM(rpm) 661
Engine RPM(rpm) 661
Vehicle Speed Sensor(km/h)0
Ignition Timing Advance for #1 Cylinder(°)17.0
Intake Air Temperature(°C)23
Air Flow Rate from Mass Air Flow Sensor(g/s)5.54
Absolute Throttle Position(%)20.8
--B2S12--
--B2S12--
nk 1-Sensor 1(V)0.470

Short Term Fuel Trim Bank 1-Sensor 1(%)-13.3
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.805
Short Term Fuel Trim Bank 1-Sensor 2(%N/A
nk 2-Sensor 1(V)0.300
nk 2-Sensor 1(V)0.300
sor 1(%)-11.7
sor 1(%)-11.7
nk 2-Sensor 2(V)0.720
Short Term Fuel Trim Bank 2-Sensor 2(%99.2
OBD requirements to which vehicle is designedOBDII

Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Fuel System 2 status--
Calculated Load Value(%)29.4
5
5
-13.3

Long Term Fuel Trim - Bank 1(%)-25.0
Short Term Fuel Trim -Bank 2(%)-10.9
Long Term Fuel Trim - Bank 2(%)-25.0
Engine RPM(rpm) 664
Vehicle Speed Sensor(km/h)0
Vehicle Speed Sensor(km/h)0
Cylinder(ø)15.0
Intake Air Temperature(øC)23
Intake Air Temperature(øC)23
w Sensor(g/s)5.96
w Sensor(g/s)5.96
.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.420
Short Term Fuel Trim Bank 1-Sensor 1(%)-12.5
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.795
Short Term Fuel Trim Bank 1-Sensor 2(%N/A
nk 2-Sensor 1(V)0.835
nk 2-Sensor 1(V)0.835
sor 1(%)-13.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.705
Short Term Fuel Trim Bank 2-Sensor 2(%99.2
OBD requirements to which vehicle is designedOBDII
Numbers of DTCs 0
Fuel system 1 statusCL

Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)31.0
Engine Coolant Temperature(øC)95
Short Term Fuel Trim -Bank 1(%) -10.9
-25.0
-25.0
-11.7
-11.7
-25.0
Engine RPM(rpm) 700
Engine RPM(rpm) 700
Vehicle Speed Sensor(km/h)0
Cylinder(ø)16.0
Cylinder(ø)16.0
Intake Air Temperature(øC)23
w Sensor(g/s)6.14
w Sensor(g/s)6.14
.8
.8
--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.425
Short Term Fuel Trim Bank 1-Sensor 1(%) -9.4
nk 1-Sensor 2(V)0.795
nk 1-Sensor 2(V)0.795
sor 2(%)N/A
sor 2(%)N/A
nk 2-Sensor 1(V)0.075
Short Term Fuel Trim Bank 2-Sensor 1(%) -10.9
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.715
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
le is designedOBDII
le is designedOBDII
Numbers of DTCs 0
Numbers of DTCs 0
Fuel system 1 statusCL
Fuel System 2 status--
Calculated Load Value(%)27.1
Engine Coolant Temperature(øC)95
-11.7
-11.7
-25.0
-25.0
-12.5

Long Term Fuel Trim - Bank 2(%) -25.0
Engine RPM(rpm) 638
Vehicle Speed Sensor(km/h)0
Vehicle Speed Sensor(km/h)0
Cylinder(ø)21.0
Intake Air Temperature(øC)23
Intake Air Temperature(øC)23
w Sensor(g/s)5.77
w Sensor(g/s)5.77
.8
Location of Oxygen SensorsB1S12--B2S12--
Oxygen Sensor Output Voltage Bank 1-Sensor 1(V)0.295
Short Term Fuel Trim Bank 1-Sensor 1(%) -12.5
Oxygen Sensor Output Voltage Bank 1-Sensor 2(V)0.805
sor 2(%)N/A
sor 2(%)N/A
nk 2-Sensor 1(V)0.820
Short Term Fuel Trim Bank 2-Sensor 1(%) -13.3
Oxygen Sensor Output Voltage Bank 2-Sensor 2(V)0.725
Short Term Fuel Trim Bank 2-Sensor 2(%)99.2
le is designedOBDII
le is designedOBDII

Commanded EGR Dutycycle for Low Flow Test

ID()	MOD()	\$10
MIN()	----	
MAX()	6666	

HO2S11 Voltage Amplitude, Bank 1, Sensor 1

ID()	MOD()	\$10
MIN()	1CD	
MAX()	----	

Upstream Oxygen Sensor Switchpoint

ID()	01
TEST()	1CD
MAX()	----
STS()	OK

Not10 front Switch Ratio Bank 2

ID()	21
TEST()	3F
MAX()	19
STS()	Fail

Delta Pressure for Upstream Hose Test

ID() 11MOD() \$10
MIN() 0.000
MAX() ----

ID : 20

ID() 20
TEST() 336F
MAX() 51C0
STS() OK

Delta Pressure for Low Flow Test

ID() 30
TEST() 0.000
MAX() ----
STS() OK

Total Engine Misfire Rate & Type B Threshold

ID() MOD() \$10
MIN() ----
STS() Fail

Cylinder 1 Misfire Rate & Type A Threshold

ID()	MOD()	\$10
MIN()	----	
MAX()	0	

Highest Type A Misfire Rate & Threshold

ID()	MOD()	\$10
MIN()	----	
MAX()	0	

Highest Type B Misfire Rate & Threshold

ID()	MOD()	\$10
MIN()	----	
MAX()	0	

Cylinder Events Tested

ID() 00
TEST() 85A9
MAX() FA0
STS() Fail

Modules Present

ID: Protocol
\$10: SAE J1850 PWM