

Vehicle self-inspection report

Time: 2024-05-27 12:41:10

Vehicle name: Car0

VIN: WUAYU48H28K800178













Selected manufacturer:









ECU: ECU2 (#EA)

I/M readiness

DTC:4

MIL:On

Test Items	Since DTCs Cleared	This Driving Cycle
Misfire monitoring	 Finished	 Finished
Fuel system monitoring	 Finished	 Finished
Comprehensive component monitoring	 Finished	 Finished
Catalyst monitoring	 Unfinished	 Unfinished
Heated catalyst monitoring	 Don't support	 Don't support
Evaporative system monitoring	 Don't support	 Don't support

Secondary air system monitoring	 Unfinished	 Don't support
Oxygen sensor monitoring	 Finished	 Unfinished
Oxygen sensor heater monitoring ready	 Finished	 Unfinished
Exhaust Gas Recirculation(EGR) and/or Variable Valve Timing(VVT) system monitoring	 Don't support	 Don't support

Trouble Code

Current DTCs

4

P0300

Random/Multiple Cylinder Misfire Detected

P0304

Cylinder 4 Misfire Detected

P0308

Cylinder 8 Misfire Detected

P0305

Cylinder 5 Misfire Detected

Pending DTCs

4

P0300

Random/Multiple Cylinder Misfire Detected

P0304

Cylinder 4 Misfire Detected

P0308

Cylinder 8 Misfire Detected

P0305

Cylinder 5 Misfire Detected

Permanent DTCs

0

No Permanent DTCs

Freeze Frame

DTC that caused
required freeze
frame data storage

P0300

Engine RPM

1281 /min

Vehicle Speed

0 km/h

Engine Coolant
Temperature

21 °C

Relative Throttle Position	12.2 %
Ambient air temperature	23 °C
Control module voltage	12.156 V
Barometric Pressure	100 kPa
Ignition Timing Advance for #1 Cylinder	14.0 °
Intake Air Temperature	24 °C
Air Flow Rate from Mass Air Flow Sensor	20.68 g/s
Short Term Fuel Trim - Bank 2	0.0 %
Long Term Fuel Trim - Bank 2	0.0 %
Long Term Sec. O2 Sensor Fuel Trim-B2	0.0 %
Accelerator Pedal Position D	14.5 %

Accelerator Pedal Position E	14.5 %
Commanded Throttle Actuator Control	16.5 %
Absolute Load Value	39.2 %
Fuel/Air Commanded Equivalence Ratio	1.126
Commanded Evaporative Purge	0.0 %
Time Since Engine Start	9 sec.
Fuel Rail Pressure	3910 kPa
Commanded Secondary Air Status	UPS
Fuel system 1 status	OL
Fuel system 2 status	N/A
Calculated LOAD Value	47.1 %
Absolute Throttle Position	23.9 %

**Absolute Throttle
Position B**

24.3 %

Datastream

Engine RPM

765 /min

Vehicle Speed

0 km/h

**Engine Coolant
Temperature**

102 °C

**Relative Throttle
Position**

0.8 %

**Ambient air
temperature**

60 °C

**Control module
voltage**

13.711 V

Barometric Pressure

100 kPa

**Ignition Timing
Advance for #1
Cylinder**

8.0 °

**Intake Air
Temperature**

61 °C

Air Flow Rate

Air Flow Rate from Mass Air Flow Sensor	5.19 g/s
Short Term Fuel Trim - Bank 2	-7.8 %
Long Term Fuel Trim - Bank 2	0.8 %
Long Term Sec. O2 Sensor Fuel Trim-B2	-0.8 %
Catalyst Temperature Bank 2,Sensor 1	306.0 °C
Accelerator Pedal Position D	14.5 %
Accelerator Pedal Position E	14.5 %
Commanded Throttle Actuator Control	0.8 %
Absolute Load Value	15.7 %
Fuel/Air Commanded Equivalence Ratio	1.000
Commanded Evaporative Purge	0.0 %

Number of warm-ups since DTCs cleared	14
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Distance traveled since DTCs cleared	232 km
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Time Since Engine Start	1066 sec.
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Fuel Rail Pressure	1900 kPa
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Commanded Secondary Air Status	OFF
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Fuel system 1 status	CL
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Fuel system 2 status	N/A
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Calculated LOAD Value	21.6 %
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Absolute Throttle Position	12.5 %
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Absolute Throttle Position B	12.9 %
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TID#83

Bank2-Sensor1

0.320	1.251	1.999		
Min	Value	Max	Units	

TID#84

Bank2-Sensor1

-0.0600	-0.0001	0.060		
Min	Value	Max	Units	

Rich to lean sensor(V)#01

Bank2-Sensor2

0.601	0.601	0.601	V	
Min	Value	Max	Units	

Lean to rich sensor(V)#02

Bank2-Sensor2

0.601	0.601	0.601	V	
Min	Value	Max	Units	

Minimum sensor voltage#07

Bank2-Sensor2

0.000	0.000	0.449	V	
Min	Value	Max	Units	

Maximum sensor voltage#08

Bank2-Sensor2

Bank2-Sensor2

0.449	0.884	1.299	V	
Min	Value	Max	Units	

TID#81

Bank2-Sensor2

0.000	0.591	0.601	V	
Min	Value	Max	Units	

TID#82

Bank2-Sensor2

0.601	0.611	1.299	V	
Min	Value	Max	Units	

TID#83

Bank2-Sensor2

0.000	0.000	0.201	V	
Min	Value	Max	Units	

On-Board Monitoring Test

Manufacturer Defined#84

Catalyst Monitor B2#22

0	0	0		
Min	Value	Max	Units	

Manufacturer Defined#85

Sensor Heater B2-S1#45

684.9	749.8	1199.9	°C	✓
Min	Value	Max	Units	

Manufacturer Defined#81

Sensor Heater B2-S2#46

0.000	0.138	1.540	kOhm	✓
Min	Value	Max	Units	

Manufacturer Defined#80

Secondary Air 2#72

0.000	0.000	0.000		✓
Min	Value	Max	Units	

EWMA misfire counts for previous driving cycles#0b

Misfire Cylinder 1#A2

0	2	65535	cnts	✓
Min	Value	Max	Units	

Misfire counts for last/current driving cycles#0c

Misfire Cylinder 1#A2

0	0	65535	cnts	✓
Min	Value	Max	Units	

EWMA misfire counts for previous driving

cycles#0b

Misfire Cylinder 2#A3

0	0	65535	cnts	
Min	Value	Max	Units	

Misfire counts for last/current driving cycles#0c

Misfire Cylinder 2#A3

0	1	65535	cnts	
Min	Value	Max	Units	

EWMA misfire counts for previous driving cycles#0b

Misfire Cylinder 3#A4

0	2	65535	cnts	
Min	Value	Max	Units	

Misfire counts for last/current driving cycles#0c

Misfire Cylinder 3#A4

0	0	65535	cnts	
Min	Value	Max	Units	

EWMA misfire counts for previous driving cycles#0b

Misfire Cylinder 4#A5

0	432	65535	cnts	
Min	Value	Max	Units	

Misfire counts for last/current driving cycles#0c

Misfire Cylinder 4#A5

0	17	65535	cnts	✓
Min	Value	Max	Units	

EWMA misfire counts for previous driving cycles#0b

Misfire Cylinder 5#A6

0	5	65535	cnts	✓
Min	Value	Max	Units	

Misfire counts for last/current driving cycles#0c

Misfire Cylinder 5#A6

0	0	65535	cnts	✓
Min	Value	Max	Units	

EWMA misfire counts for previous driving cycles#0b

Misfire Cylinder 6#A7

0	1	65535	cnts	✓
Min	Value	Max	Units	

Misfire counts for last/current driving cycles#0c

Misfire Cylinder 6#A7

0

Min

1

Value

65535

Max

cnts

Units



EWMA misfire counts for previous driving cycles#0b

Misfire Cylinder 7#A8

0

Min

2

Value

65535

Max

cnts

Units



Misfire counts for last/current driving cycles#0c

Misfire Cylinder 7#A8

0

Min

0

Value

65535

Max

cnts

Units



EWMA misfire counts for previous driving cycles#0b

Misfire Cylinder 8#A9

0

Min

8

Value

65535

Max

cnts

Units



Misfire counts for last/current driving cycles#0c

Misfire Cylinder 8#A9

0

Min

4

Value

65535

Max

cnts

Units



Vehicle information

Vehicle Identification Number

VIN:

Don't support

ECU calibration ID

CID:1

8E1910560F 0020

Calibration verification number

CVN:1

17585C89