Global Diagnostic System 2

Freeze Frame/Failure Records

Overview

Vehicle Identification Number (VIN)	1G1YT2D62F5609485
Report Creation Date	2017-11-17 14:16:31 EST

Vehicle Configuration Property

Make	Chevrolet
Model	Corvette
Model Year	2015
Steering Column Lock Control (ULS/N06)	Not Equipped
Body Style	Coupe
Chassis Control Module Version	0508
Telematics Communication Interface Control Module Version	10
Transmission Type	Manual
Seat Memory Control Module Version	0515
Engine Identifier	6.2L (LT4)

System Information Property

VCI Serial Number	MDI: 22009715
Vehicle Session Creation Date	2016-05-12 16:46:50
Test Start Time	2017-11-17 14:16:09 EST

Freeze Frame/Failure Records	DTC Display	Symptom Byte	DTC Description	Symptom Description
Freeze Frame	P0300	00	Engine Misfire Detected	- - -

Parameter Name	Control Module	Value	Unit
Distance Since First Malfunction	Engine Control Module	559	mi
Distance Since Last Malfunction	Engine Control Module	574	mi

Ignition Cycles with Malfunction Since 1st Malfunction	Engine Control Module	1	Counts
Ignition Cycles without Malfunction Since Last Malfunction	Engine Control Module	0	Counts
Ignition Cycles without Completed Test Since 1st Malfunction	Engine Control Module	2	Counts
Warm-Ups Since DTC Cleared	Engine Control Module	41	Counts
Distance Since DTC Cleared	Engine Control Module	574	mi
5V Reference 1	Engine Control Module	5.01	V
5V Reference 1 Circuit Status	Engine Control Module	OK	
5V Reference 2	Engine Control Module	5.01	V
5V Reference 2 Circuit Status	Engine Control Module	OK	
5V Reference 3	Engine Control Module	5.01	V
5V Reference 3 Circuit Status	Engine Control Module	OK	
5V Reference 4	Engine Control Module	5.01	V
5V Reference 4 Circuit Status	Engine Control Module	OK	
A/C Compressor Clutch Relay Command	Engine Control Module	Off	
A/C Disabled - A/C Pressure Out of Range	Engine Control Module	No	
A/C Off for WOT	Engine Control Module	No	
A/C Request Signal	Engine Control Module	No	
Air/Fuel Equivalence Ratio Command	Engine Control Module	0.74	
Accelerator Pedal Position	Engine Control Module	100	%
Ambient Air Temperature	Engine Control Module	79	°F
BARO	Engine Control Module	13.63	PSI
Brake Pedal Position Circuit Signal	Engine Control Module	Released	

Brake Pedal Position Sensor	Engine Control Module	0.00	V
Brake Pedal Position Sensor	Engine Control Module	0	%
Brake Pedal Position Sensor Fully Released Learn Status	Engine Control Module	Incomplete	
Brake Pedal Position Sensor Signal	Engine Control Module	Released	
Calculated Catalyst Temperature Bank 1	Engine Control Module	1866	°F
Calculated Catalyst Temperature Bank 2	Engine Control Module	1747	°F
Camshaft Position Sensor	Engine Control Module	5376	RPM
Clutch Pedal Starter Inhibit Switch	Engine Control Module	On	
Clutch Pedal Switch	Engine Control Module	Released	
Crank Request Signal	Engine Control Module	No	
Cylinder 1 Deactivation Solenoid Valve Command	Engine Control Module	Off	
Cylinder 1 History Misfire Counter	Engine Control Module	0	Counts
Cylinder 1 Injector Control Circuit Status	Engine Control Module	OK	
Cylinder 2 History Misfire Counter	Engine Control Module	0	Counts
Cylinder 2 Injector Control Circuit Status	Engine Control Module	OK	
Cylinder 3 History Misfire Counter	Engine Control Module	0	Counts
Cylinder 3 Injector Control Circuit Status	Engine Control Module	OK	
Cylinder 4 History Misfire Counter	Engine Control Module	0	Counts
Cylinder 4 Deactivation Solenoid Valve Command	Engine Control Module	Off	
Cylinder 4 Injector Control Circuit Status	Engine Control Module	OK	
Cylinder 5 History Misfire Counter	Engine Control Module	0	Counts
Cylinder 5 Injector Control Circuit Status	Engine Control Module	OK	

Cylinder 6 History Misfire Counter	Engine Control Module	0	Counts
Cylinder 6 Deactivation Solenoid Valve Command	Engine Control Module	Off	
Cylinder 6 Injector Control Circuit Status	Engine Control Module	OK	
Cylinder 7 History Misfire Counter	Engine Control Module	0	Counts
Cylinder 7 Deactivation Solenoid Valve Command	Engine Control Module	Off	
Cylinder 7 Injector Control Circuit Status	Engine Control Module	OK	
Cylinder 8 History Misfire Counter	Engine Control Module	84	Counts
Cylinder 8 Injector Control Circuit Status	Engine Control Module	OK	
Deceleration Fuel Cut-Off	Engine Control Module	Inactive	
Desired Idle Speed	Engine Control Module	656	RPM
Desired Throttle Position	Engine Control Module	100	%
Driver Requested Axle Torque	Engine Control Module	1866	lb ft
ECT Sensor	Engine Control Module	216	°F
Engine Controls Ignition Relay Command	Engine Control Module	On	
Engine Controls Ignition Relay Control Circuit High Voltage Test Status	Engine Control Module	OK	
Engine Controls Ignition Relay Control Circuit Low Voltage Test Status	Engine Control Module	Not Run	
Engine Controls Ignition Relay Control Circuit Open Test Status	Engine Control Module	Not Run	
Engine Controls Ignition Relay Feedback Signal	Engine Control Module	14.4	V
Engine Load	Engine Control Module	100.0	%
Engine Load During Misfire History 1	Engine Control Module	56.6	%
Engine Load During Misfire History 2	Engine Control Module	39.1	%
Engine Load During Misfire History 3	Engine Control Module	39.1	%

Engine Load During Misfire History 4	Engine Control Module	56.6	%
Engine Load During Misfire History 5	Engine Control Module	56.6	%
Engine Oil Absolute Pressure Sensor	Engine Control Module	49.3	PSI
Engine Oil Level Switch	Engine Control Module	OK	
Engine Oil Pressure Control Test Counter	Engine Control Module	0	Counts
Engine Oil Pressure Switch	Engine Control Module	OK	
Engine Run Time	Engine Control Module	00:10:14	
Engine Speed	Engine Control Module	5372	RPM
Engine Speed During Misfire History 1	Engine Control Module	5156	RPM
Engine Speed During Misfire History 2	Engine Control Module	5102	RPM
Engine Speed During Misfire History 3	Engine Control Module	5080	RPM
Engine Speed During Misfire History 4	Engine Control Module	5060	RPM
Engine Speed During Misfire History 5	Engine Control Module	5047	RPM
EVAP Purge Solenoid Valve Command	Engine Control Module	0	%
Extended Travel Brake Pedal Position Signal	Engine Control Module	Released	
Extended Travel Brake Pedal Switch	Engine Control Module	Released	
Fuel Control Loop Status	Engine Control Module	Open	
Fuel Pressure Sensor	Engine Control Module	74.4	PSI
Fuel Rail Pressure Sensor	Engine Control Module	2910	PSI
Fuel Rail Pressure Sensor 1	Engine Control Module	2910	PSI
Fuel Tank Pressure Sensor	Engine Control Module	-0.05	mmHg
Fuel Trim Learn	Engine Control Module	Disabled	

IAT Sensor 1	Engine Control Module	93	°F
Ignition 1 Signal	Engine Control Module	14.89	V
Ignition Accessory Signal	Engine Control Module	On	
Ignition Coil 1 Control Circuit High Voltage Test Status	Engine Control Module	OK	
Ignition Coil 1 Control Circuit Low Voltage Test Status	Engine Control Module	OK	
Ignition Coil 1 Control Circuit Open Test Status	Engine Control Module	OK	
Ignition Coil 2 Control Circuit High Voltage Test Status	Engine Control Module	OK	
Ignition Coil 2 Control Circuit Low Voltage Test Status	Engine Control Module	OK	
Ignition Coil 2 Control Circuit Open Test Status	Engine Control Module	OK	
Ignition Coil 3 Control Circuit High Voltage Test Status	Engine Control Module	OK	
Ignition Coil 3 Control Circuit Low Voltage Test Status	Engine Control Module	OK	
Ignition Coil 3 Control Circuit Open Test Status	Engine Control Module	OK	
Ignition Coil 4 Control Circuit High Voltage Test Status	Engine Control Module	OK	
Ignition Coil 4 Control Circuit Low Voltage Test Status	Engine Control Module	OK	
Ignition Coil 4 Control Circuit Open Test Status	Engine Control Module	OK	
Ignition Coil 5 Control Circuit High Voltage Test Status	Engine Control Module	OK	
Ignition Coil 5 Control Circuit Low Voltage Test Status	Engine Control Module	OK	
Ignition Coil 5 Control Circuit Open Test Status	Engine Control Module	OK	
Ignition Coil 6 Control Circuit High Voltage Test Status	Engine Control Module	OK	
Ignition Coil 6 Control Circuit Low Voltage Test Status	Engine Control Module	OK	
Ignition Coil 6 Control Circuit Open Test Status	Engine Control Module	OK	
Ignition Coil 7 Control Circuit High Voltage	Engine Control Module	OK	

Ignition Coil 7 Control Circuit Low Voltage	Engine Control Module	OK	
Ignition Coil 7 Control Circuit Open Test Status	Engine Control Module	OK	
Ignition Coil 8 Control Circuit High Voltage Test Status	Engine Control Module	OK	
Ignition Coil 8 Control Circuit Low Voltage Test Status	Engine Control Module	OK	
Ignition Coil 8 Control Circuit Open Test Status	Engine Control Module	OK	
Ignition Timing	Engine Control Module	8.0	
Injector Duty Cycle Bank 1	Engine Control Module	4.97	ms
Injector Duty Cycle Bank 2	Engine Control Module	5.00	ms
Long Term Fuel Trim Bank 1	Engine Control Module	0	%
Long Term Fuel Trim Bank 2	Engine Control Module	1	%
MAF Sensor	Engine Control Module	462.19	g/s
MAP Sensor	Engine Control Module	24.4	PSI
Misfire Diagnostic Engine Load	Engine Control Module	54.7	%
Output Shaft Speed Sensor	Engine Control Module	4449	RPM
Park/Neutral Position Switch	Engine Control Module	In Gear	
Power Enrichment	Engine Control Module	Active	
Power Mode	Engine Control Module	Run	
Remaining Fuel in Tank	Engine Control Module	89.4	%
Remote Vehicle Start Request Signal	Engine Control Module	Off	
Short Term Fuel Trim Bank 1	Engine Control Module	0	%
Short Term Fuel Trim Bank 2	Engine Control Module	0	%
Skip Shift Indicator Command	Engine Control Module	Off	

Skip Shift Solenoid Actuator Command	Engine Control Module	Disabled	
Starter Relay Command	Engine Control Module	Off	
TCC/Cruise Control Brake Pedal Switch	Engine Control Module	Released	
Throttle Position	Engine Control Module	100	%
Torque Delivered Signal	Engine Control Module	363.65	lb ft
Torque Management Ignition Timing Retard	Engine Control Module	0.0	°
Traction Control Status	Engine Control Module	Active	
Traction Control Torque Delivered Signal	Engine Control Module	55	%
Traction Control Torque Request Signal	Engine Control Module	0.0	%
Transmission Fluid Temperature	Engine Control Module	216	°F
Vehicle Speed Sensor	Engine Control Module	102	MPH

Freeze Frame/Failure Records	DTC Display	Symptom Byte	DTC Description	Symptom Description
Failure Record 1	P0300	00	Engine Misfire Detected	- - -

Parameter Name	Control Module	Value	Unit
Distance Since First Malfunction	Engine Control Module	559	mi
Distance Since Last Malfunction	Engine Control Module	574	mi
Ignition Cycles with Malfunction Since 1st Malfunction	Engine Control Module	2	Counts
Ignition Cycles without Malfunction Since Last Malfunction	Engine Control Module	65	Counts
Ignition Cycles without Completed Test Since 1st Malfunction	Engine Control Module	20	Counts
Warm-Ups Since DTC Cleared	Engine Control Module	41	Counts
Distance Since DTC Cleared	Engine Control Module	574	mi
5V Reference 1	Engine Control Module	5.01	V

5V Reference 1 Circuit Status	Engine Control Module	OK	
5V Reference 2	Engine Control Module	5.01	V
5V Reference 2 Circuit Status	Engine Control Module	OK	
5V Reference 3	Engine Control Module	5.01	V
5V Reference 3 Circuit Status	Engine Control Module	OK	
5V Reference 4	Engine Control Module	5.01	V
5V Reference 4 Circuit Status	Engine Control Module	OK	
A/C Compressor Clutch Relay Command	Engine Control Module	Off	
A/C Disabled - A/C Pressure Out of Range	Engine Control Module	No	
A/C Off for WOT	Engine Control Module	No	
A/C Request Signal	Engine Control Module	No	
Air/Fuel Equivalence Ratio Command	Engine Control Module	0.74	
Accelerator Pedal Position	Engine Control Module	100	%
Ambient Air Temperature	Engine Control Module	79	°F
BARO	Engine Control Module	13.63	PSI
Brake Pedal Position Circuit Signal	Engine Control Module	Released	
Brake Pedal Position Sensor	Engine Control Module	0.00	V
Brake Pedal Position Sensor	Engine Control Module	0	%
Brake Pedal Position Sensor Fully Released Learn Status	Engine Control Module	Incomplete	
Brake Pedal Position Sensor Signal	Engine Control Module	Released	
Calculated Catalyst Temperature Bank 1	Engine Control Module	1866	°F
Calculated Catalyst Temperature Bank 2	Engine Control Module	1747	°F

Camshaft Position Sensor	Engine Control Module	5376	RPM
Clutch Pedal Starter Inhibit Switch	Engine Control Module	On	
Clutch Pedal Switch	Engine Control Module	Released	
Crank Request Signal	Engine Control Module	No	
Cylinder 1 Deactivation Solenoid Valve Command	Engine Control Module	Off	
Cylinder 1 History Misfire Counter	Engine Control Module	0	Counts
Cylinder 1 Injector Control Circuit Status	Engine Control Module	OK	
Cylinder 2 History Misfire Counter	Engine Control Module	0	Counts
Cylinder 2 Injector Control Circuit Status	Engine Control Module	OK	
Cylinder 3 History Misfire Counter	Engine Control Module	0	Counts
Cylinder 3 Injector Control Circuit Status	Engine Control Module	OK	
Cylinder 4 History Misfire Counter	Engine Control Module	0	Counts
Cylinder 4 Deactivation Solenoid Valve Command	Engine Control Module	Off	
Cylinder 4 Injector Control Circuit Status	Engine Control Module	OK	
Cylinder 5 History Misfire Counter	Engine Control Module	0	Counts
Cylinder 5 Injector Control Circuit Status	Engine Control Module	OK	
Cylinder 6 History Misfire Counter	Engine Control Module	0	Counts
Cylinder 6 Deactivation Solenoid Valve Command	Engine Control Module	Off	
Cylinder 6 Injector Control Circuit Status	Engine Control Module	OK	
Cylinder 7 History Misfire Counter	Engine Control Module	0	Counts
Cylinder 7 Deactivation Solenoid Valve Command	Engine Control Module	Off	
Cylinder 7 Injector Control Circuit Status	Engine Control Module	OK	

Cylinder 8 History Misfire Counter	Engine Control Module	84	Counts
Cylinder 8 Injector Control Circuit Status	Engine Control Module	OK	
Deceleration Fuel Cut-Off	Engine Control Module	Inactive	
Desired Idle Speed	Engine Control Module	656	RPM
Desired Throttle Position	Engine Control Module	100	%
Driver Requested Axle Torque	Engine Control Module	1866	lb ft
ECT Sensor	Engine Control Module	216	°F
Engine Controls Ignition Relay Command	Engine Control Module	On	
Engine Controls Ignition Relay Control Circuit High Voltage Test Status	Engine Control Module	OK	
Engine Controls Ignition Relay Control Circuit Low Voltage Test Status	Engine Control Module	Not Run	
Engine Controls Ignition Relay Control Circuit Open Test Status	Engine Control Module	Not Run	
Engine Controls Ignition Relay Feedback Signal	Engine Control Module	14.4	V
Engine Load	Engine Control Module	100.0	%
Engine Load During Misfire History 1	Engine Control Module	56.6	%
Engine Load During Misfire History 2	Engine Control Module	39.1	%
Engine Load During Misfire History 3	Engine Control Module	39.1	%
Engine Load During Misfire History 4	Engine Control Module	56.6	%
Engine Load During Misfire History 5	Engine Control Module	56.6	%
Engine Oil Absolute Pressure Sensor	Engine Control Module	49.3	PSI
Engine Oil Level Switch	Engine Control Module	OK	
Engine Oil Pressure Control Test Counter	Engine Control Module	0	Counts
Engine Oil Pressure Switch	Engine Control Module	OK	

Engine Run Time	Engine Control Module	00:10:14	
Engine Speed	Engine Control Module	5372	RPM
Engine Speed During Misfire History 1	Engine Control Module	5156	RPM
Engine Speed During Misfire History 2	Engine Control Module	5102	RPM
Engine Speed During Misfire History 3	Engine Control Module	5080	RPM
Engine Speed During Misfire History 4	Engine Control Module	5060	RPM
Engine Speed During Misfire History 5	Engine Control Module	5047	RPM
EVAP Purge Solenoid Valve Command	Engine Control Module	0	%
Extended Travel Brake Pedal Position Signal	Engine Control Module	Released	
Extended Travel Brake Pedal Switch	Engine Control Module	Released	
Fuel Control Loop Status	Engine Control Module	Open	
Fuel Pressure Sensor	Engine Control Module	74.4	PSI
Fuel Rail Pressure Sensor	Engine Control Module	2910	PSI
Fuel Rail Pressure Sensor 1	Engine Control Module	2910	PSI
Fuel Tank Pressure Sensor	Engine Control Module	-0.05	mmHg
Fuel Trim Learn	Engine Control Module	Disabled	
IAT Sensor 1	Engine Control Module	93	°F
Ignition 1 Signal	Engine Control Module	14.89	V
Ignition Accessory Signal	Engine Control Module	On	
Ignition Coil 1 Control Circuit High Voltage Test Status	Engine Control Module	OK	
Ignition Coil 1 Control Circuit Low Voltage Test Status	Engine Control Module	OK	
Ignition Coil 1 Control Circuit Open Test Status	Engine Control Module	OK	

Ignition Coil 2 Control Circuit High Voltage Test Status	Engine Control Module	OK
Ignition Coil 2 Control Circuit Low Voltage Test Status	Engine Control Module	OK
Ignition Coil 2 Control Circuit Open Test Status	Engine Control Module	OK
Ignition Coil 3 Control Circuit High Voltage Test Status	Engine Control Module	OK
Ignition Coil 3 Control Circuit Low Voltage Test Status	Engine Control Module	OK
Ignition Coil 3 Control Circuit Open Test Status	Engine Control Module	OK
Ignition Coil 4 Control Circuit High Voltage Test Status	Engine Control Module	OK
Ignition Coil 4 Control Circuit Low Voltage Test Status	Engine Control Module	OK
Ignition Coil 4 Control Circuit Open Test Status	Engine Control Module	OK
Ignition Coil 5 Control Circuit High Voltage Test Status	Engine Control Module	OK
Ignition Coil 5 Control Circuit Low Voltage Test Status	Engine Control Module	OK
Ignition Coil 5 Control Circuit Open Test Status	Engine Control Module	OK
Ignition Coil 6 Control Circuit High Voltage Test Status	Engine Control Module	OK
Ignition Coil 6 Control Circuit Low Voltage Test Status	Engine Control Module	OK
Ignition Coil 6 Control Circuit Open Test Status	Engine Control Module	OK
Ignition Coil 7 Control Circuit High Voltage	Engine Control Module	OK
Ignition Coil 7 Control Circuit Low Voltage	Engine Control Module	OK
Ignition Coil 7 Control Circuit Open Test Status	Engine Control Module	OK
Ignition Coil 8 Control Circuit High Voltage Test Status	Engine Control Module	OK
Ignition Coil 8 Control Circuit Low Voltage Test Status	Engine Control Module	OK
Ignition Coil 8 Control Circuit Open Test Status	Engine Control Module	OK
Ignition Timing	Engine Control Module	8.0

Injector Duty Cycle Bank 1	Engine Control Module	4.97	ms
Injector Duty Cycle Bank 2	Engine Control Module	5.00	ms
Long Term Fuel Trim Bank 1	Engine Control Module	0	%
Long Term Fuel Trim Bank 2	Engine Control Module	1	%
MAF Sensor	Engine Control Module	462.19	g/s
MAP Sensor.	Engine Control Module	24.4	PSI
Misfire Diagnostic Engine Load	Engine Control Module	54.7	%
Output Shaft Speed Sensor	Engine Control Module	4449	RPM
Park/Neutral Position Switch	Engine Control Module	In Gear	
Power Enrichment	Engine Control Module	Active	
Power Mode	Engine Control Module	Run	
Remaining Fuel in Tank	Engine Control Module	89.4	%
Remote Vehicle Start Request Signal	Engine Control Module	Off	
Short Term Fuel Trim Bank 1	Engine Control Module	0	%
Short Term Fuel Trim Bank 2	Engine Control Module	0	%
Skip Shift Indicator Command	Engine Control Module	Off	
Skip Shift Solenoid Actuator Command	Engine Control Module	Disabled	
Starter Relay Command	Engine Control Module	Off	
TCC/Cruise Control Brake Pedal Switch	Engine Control Module	Released	
Throttle Position	Engine Control Module	100	%
Torque Delivered Signal	Engine Control Module	363.65	lb ft
Torque Management Ignition Timing Retard	Engine Control Module	0.0	°

Traction Control Status	Engine Control Module	Active	
Traction Control Torque Delivered Signal	Engine Control Module	55	%
Traction Control Torque Request Signal	Engine Control Module	0.0	%
Transmission Fluid Temperature	Engine Control Module	216	°F
Vehicle Speed Sensor	Engine Control Module	102	MPH

Freeze Frame/Failure Records	DTC Display	Symptom Byte	DTC Description	Symptom Description
Failure Record 2	P2066	00	Fuel Level Sensor 2 Performance	- - -

Parameter Name	Control Module	Value	Unit
Distance Since First Malfunction	Engine Control Module	475	mi
Distance Since Last Malfunction	Engine Control Module	475	mi
Ignition Cycles with Malfunction Since 1st Malfunction	Engine Control Module	1	Counts
Ignition Cycles without Malfunction Since Last Malfunction	Engine Control Module	49	Counts
Ignition Cycles without Completed Test Since 1st Malfunction	Engine Control Module	41	Counts
Warm-Ups Since DTC Cleared	Engine Control Module	38	Counts
Distance Since DTC Cleared	Engine Control Module	478	mi
5V Reference 1	Engine Control Module	5.01	V
5V Reference 1 Circuit Status	Engine Control Module	OK	
5V Reference 2	Engine Control Module	5.01	V
5V Reference 2 Circuit Status	Engine Control Module	OK	
5V Reference 3	Engine Control Module	5.01	V
5V Reference 3 Circuit Status	Engine Control Module	OK	
5V Reference 4	Engine Control Module	5.01	V

5V Reference 4 Circuit Status	Engine Control Module	OK	
Air/Fuel Equivalence Ratio Command	Engine Control Module	0.86	
Accelerator Pedal Position	Engine Control Module	100	%
Ambient Air Temperature	Engine Control Module	70	°F
BARO	Engine Control Module	13.63	PSI
Brake Pedal Position Circuit Signal	Engine Control Module	Released	
Brake Pedal Position Sensor Fully Released Learn Status	Engine Control Module	Incomplete	
Brake Pedal Position Sensor Signal	Engine Control Module	Released	
Calculated Catalyst Temperature Bank 1	Engine Control Module	1636	°F
Calculated Catalyst Temperature Bank 2	Engine Control Module	1531	°F
Crank Request Signal	Engine Control Module	No	
Deceleration Fuel Cut-Off	Engine Control Module	Inactive	
Desired Fuel Pressure	Engine Control Module	72.6	PSI
Desired Fuel Rail Pressure	Engine Control Module	2900	PSI
Desired Idle Speed	Engine Control Module	656	RPM
Desired Throttle Position	Engine Control Module	100	%
Driver Requested Axle Torque	Engine Control Module	2209	lb ft
ECT Sensor	Engine Control Module	205	°F
Engine Controls Ignition Relay Command	Engine Control Module	On	
Engine Controls Ignition Relay Control Circuit High Voltage Test Status	Engine Control Module	OK	
Engine Controls Ignition Relay Control Circuit Low Voltage Test Status	Engine Control Module	Not Run	
Engine Controls Ignition Relay Control Circuit Open Test Status	Engine Control Module	Not Run	

Engine Controls Ignition Relay Feedback Signal	Engine Control Module	14.4	V
Engine Load	Engine Control Module	100.0	%
Engine Off Time	Engine Control Module	00:17:33	
Engine Run Time	Engine Control Module	00:16:28	
Engine Speed	Engine Control Module	5208	RPM
EVAP Purge Solenoid Valve Command	Engine Control Module	0	%
Extended Travel Brake Pedal Position Signal	Engine Control Module	Released	
Extended Travel Brake Pedal Switch	Engine Control Module	Released	
Fuel Control Loop Status	Engine Control Module	Open	
Fuel Level Sensor Left Tank	Engine Control Module	1.51	V
Fuel Level Sensor Right Tank	Engine Control Module	2.53	V
Fuel Pressure Regulator 1 Command	Engine Control Module	On	
Fuel Pressure Regulator 1 Control Circuit High Voltage Test Status	Engine Control Module	OK	
Fuel Pressure Regulator 1 Control Circuit Low Voltage Test Status	Engine Control Module	OK	
Fuel Pressure Regulator 1 Control Circuit Open Test Status	Engine Control Module	OK	
Fuel Pressure Regulator 1 High Control Circuit Command	Engine Control Module	15	%
Fuel Pressure Regulator Control Circuit Command	Engine Control Module	On	
Fuel Pressure Regulator Control Circuit High Voltage Test Status	Engine Control Module	OK	
Fuel Pressure Regulator Control Circuit Low Voltage Test Status	Engine Control Module	OK	
Fuel Pressure Regulator Control Circuit Open Test Status	Engine Control Module	OK	
Fuel Pressure Regulator High Control Circuit Command	Engine Control Module	15	%
Fuel Pressure Sensor	Engine Control Module	73.1	PSI

Fuel Pressure Sensor	Engine Control Module	3.4	V
Fuel Pump Enable Circuit High Voltage Test Status	Engine Control Module	Not Run	
Fuel Pump Enable Circuit Low Voltage Test Status	Engine Control Module	OK	
Fuel Pump Enable Circuit Open Test Status	Engine Control Module	Not Run	
Fuel Pump Enable Command	Engine Control Module	On	
Fuel Rail Pressure Regulator Command	Engine Control Module	101	%
Fuel Rail Pressure Sensor	Engine Control Module	2942	PSI
Fuel Rail Pressure Sensor	Engine Control Module	3.21	V
Fuel Rail Pressure Sensor 1	Engine Control Module	3.21	V
Fuel Rail Pressure Sensor 1	Engine Control Module	2942	PSI
Fuel Rail Pressure Sensor 2	Engine Control Module	1.86	V
Fuel Rail Pressure Sensor 2	Engine Control Module	2875	PSI
Fuel Tank Pressure Sensor	Engine Control Module	0.09	mmHg
Fuel Trim Learn	Engine Control Module	Disabled	
IAT Sensor 1	Engine Control Module	77	°F
Ignition 1 Signal	Engine Control Module	14.89	V
Ignition Accessory Signal	Engine Control Module	On	
Ignition Timing	Engine Control Module	17.0	°
Long Term Fuel Trim Bank 1	Engine Control Module	1	%
Long Term Fuel Trim Bank 2	Engine Control Module	4	%
MAF Sensor	Engine Control Module	462.19	g/s
MAP Sensor	Engine Control Module	24.8	PSI

Output Shaft Speed Sensor	Engine Control Module	5197	RPM
Park/Neutral Position Switch	Engine Control Module	In Gear	
Power Enrichment	Engine Control Module	Active	
Power Mode	Engine Control Module	Run	
Remaining Fuel in Tank	Engine Control Module	44.3	%
Remote Vehicle Start Request Signal	Engine Control Module	Off	
Short Term Fuel Trim Bank 1	Engine Control Module	0	%
Short Term Fuel Trim Bank 2	Engine Control Module	0	%
Starter Relay Command	Engine Control Module	Off	
TCC/Cruise Control Brake Pedal Switch	Engine Control Module	Released	
Throttle Position	Engine Control Module	100	%
Torque Delivered Signal	Engine Control Module	530.44	lb ft
Transmission Fluid Temperature	Engine Control Module	225	°F
Vehicle Speed Sensor	Engine Control Module	119	MPH

Freeze Frame/Failure Records	DTC Display	Symptom Byte	DTC Description	Symptom Description
Failure Record 3	P0461	00	Fuel Level Sensor Performance	- - -

Parameter Name	Control Module	Value	Unit
Distance Since First Malfunction	Engine Control Module	475	mi
Distance Since Last Malfunction	Engine Control Module	475	mi
Ignition Cycles with Malfunction Since 1st Malfunction	Engine Control Module	1	Counts
Ignition Cycles without Malfunction Since Last Malfunction	Engine Control Module	18	Counts
Ignition Cycles without Completed Test Since 1st Malfunction	Engine Control Module	72	Counts

Warm-Ups Since DTC Cleared	Engine Control Module	38	Counts
Distance Since DTC Cleared	Engine Control Module	478	mi
5V Reference 1	Engine Control Module	5.01	V
5V Reference 1 Circuit Status	Engine Control Module	OK	
5V Reference 2	Engine Control Module	5.01	V
5V Reference 2 Circuit Status	Engine Control Module	OK	
5V Reference 3	Engine Control Module	5.01	V
5V Reference 3 Circuit Status	Engine Control Module	OK	
5V Reference 4	Engine Control Module	5.01	V
5V Reference 4 Circuit Status	Engine Control Module	OK	
Air/Fuel Equivalence Ratio Command	Engine Control Module	0.86	
Accelerator Pedal Position	Engine Control Module	100	%
Ambient Air Temperature	Engine Control Module	70	°F
BARO	Engine Control Module	13.63	PSI
Brake Pedal Position Circuit Signal	Engine Control Module	Released	
Brake Pedal Position Sensor Fully Released Learn Status	Engine Control Module	Incomplete	
Brake Pedal Position Sensor Signal	Engine Control Module	Released	
Calculated Catalyst Temperature Bank 1	Engine Control Module	1636	°F
Calculated Catalyst Temperature Bank 2	Engine Control Module	1531	°F
Crank Request Signal	Engine Control Module	No	
Deceleration Fuel Cut-Off	Engine Control Module	Inactive	
Desired Fuel Pressure	Engine Control Module	72.6	PSI

Desired Fuel Rail Pressure	Engine Control Module	2900	PSI
Desired Idle Speed	Engine Control Module	656	RPM
Desired Throttle Position	Engine Control Module	100	%
Driver Requested Axle Torque	Engine Control Module	2209	lb ft
ECT Sensor	Engine Control Module	205	°F
Engine Controls Ignition Relay Command	Engine Control Module	On	
Engine Controls Ignition Relay Control Circuit High Voltage Test Status	Engine Control Module	OK	
Engine Controls Ignition Relay Control Circuit Low Voltage Test Status	Engine Control Module	Not Run	
Engine Controls Ignition Relay Control Circuit Open Test Status	Engine Control Module	Not Run	
Engine Controls Ignition Relay Feedback Signal	Engine Control Module	14.4	V
Engine Load	Engine Control Module	100.0	%
Engine Off Time	Engine Control Module	00:17:33	
Engine Run Time	Engine Control Module	00:16:28	
Engine Speed	Engine Control Module	5209	RPM
EVAP Purge Solenoid Valve Command	Engine Control Module	0	%
Extended Travel Brake Pedal Position Signal	Engine Control Module	Released	
Extended Travel Brake Pedal Switch	Engine Control Module	Released	
Fuel Control Loop Status	Engine Control Module	Open	
Fuel Level Sensor Left Tank	Engine Control Module	1.51	V
Fuel Level Sensor Right Tank	Engine Control Module	2.53	V
Fuel Pressure Regulator 1 Command	Engine Control Module	On	
Fuel Pressure Regulator 1 Control Circuit High Voltage Test Status	Engine Control Module	OK	

Fuel Pressure Regulator 1 Control Circuit Low Voltage Test Status	Engine Control Module	OK	
Fuel Pressure Regulator 1 Control Circuit Open Test Status	Engine Control Module	OK	
Fuel Pressure Regulator 1 High Control Circuit Command	Engine Control Module	15	%
Fuel Pressure Regulator Control Circuit Command	Engine Control Module	On	
Fuel Pressure Regulator Control Circuit High Voltage Test Status	Engine Control Module	OK	
Fuel Pressure Regulator Control Circuit Low Voltage Test Status	Engine Control Module	OK	
Fuel Pressure Regulator Control Circuit Open Test Status	Engine Control Module	OK	
Fuel Pressure Regulator High Control Circuit Command	Engine Control Module	15	%
Fuel Pressure Sensor	Engine Control Module	73.1	PSI
Fuel Pressure Sensor	Engine Control Module	3.3	V
Fuel Pump Enable Circuit High Voltage Test Status	Engine Control Module	Not Run	
Fuel Pump Enable Circuit Low Voltage Test Status	Engine Control Module	OK	
Fuel Pump Enable Circuit Open Test Status	Engine Control Module	Not Run	
Fuel Pump Enable Command	Engine Control Module	On	
Fuel Rail Pressure Regulator Command	Engine Control Module	101	°
Fuel Rail Pressure Sensor	Engine Control Module	2942	PSI
Fuel Rail Pressure Sensor	Engine Control Module	3.21	V
Fuel Rail Pressure Sensor 1	Engine Control Module	3.21	V
Fuel Rail Pressure Sensor 1	Engine Control Module	2942	PSI
Fuel Rail Pressure Sensor 2	Engine Control Module	1.86	V
Fuel Rail Pressure Sensor 2	Engine Control Module	2875	PSI
Fuel Tank Pressure Sensor	Engine Control Module	0.09	mmHg

Fuel Trim Learn	Engine Control Module	Disabled	
IAT Sensor 1	Engine Control Module	77	°F
Ignition 1 Signal	Engine Control Module	14.89	V
Ignition Accessory Signal	Engine Control Module	On	
Ignition Timing	Engine Control Module	17.0	°
Long Term Fuel Trim Bank 1	Engine Control Module	1	%
Long Term Fuel Trim Bank 2	Engine Control Module	4	%
MAF Sensor	Engine Control Module	462.19	g/s
MAP Sensor	Engine Control Module	24.8	PSI
Output Shaft Speed Sensor	Engine Control Module	5197	RPM
Park/Neutral Position Switch	Engine Control Module	In Gear	
Power Enrichment	Engine Control Module	Active	
Power Mode	Engine Control Module	Run	
Remaining Fuel in Tank	Engine Control Module	44.3	%
Remote Vehicle Start Request Signal	Engine Control Module	Off	
Short Term Fuel Trim Bank 1	Engine Control Module	0	%
Short Term Fuel Trim Bank 2	Engine Control Module	0	%
Starter Relay Command	Engine Control Module	Off	
TCC/Cruise Control Brake Pedal Switch	Engine Control Module	Released	
Throttle Position	Engine Control Module	100	%
Torque Delivered Signal	Engine Control Module	530.44	lb ft
Transmission Fluid Temperature	Engine Control Module	225	°F

Vehicle Speed Sensor	Engine Control Module	119	MPH