

VEHICLE

MAKE: 2013 CHEVROLET CRUZE
MODEL: CRUZE
ODOMETER: 171,906 miles
VIN: 1G1PE5SB9D7148813

EMISSION READINESS

MONITORS:



● Completed ● Incompleted

DASH LIGHTS

CHECK ENGINE



ON

ANTI-LOCK
BRAKE SYSTEM



ON

AIRBAGS (SRS)



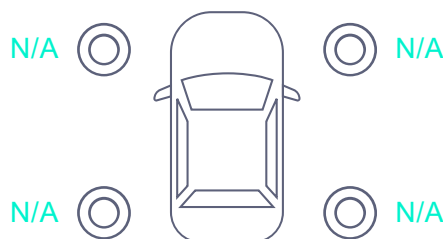
OFF

VEHICLE HEALTH

	Front Brake Life	N/A
	Rear Brake Life	N/A
	Brake Life	N/A
	Oil Life	N/A
	Oil Level	N/A
	Battery Status	14.36 V
	Transmission Fluid Temp.	N/A



TIRE PRESSURE



ENGINE CODES

PRIMARY DTC:

P0171

System Too Lean (Bank 1)



An ASE Certified Technician has seen this problem on your type of vehicle before and has performed the following repair(s) to fix the problem:

PRIMARY FIX:

Replace Valve Cover with integrated PCV Valve

Engine Valve Cover	\$188.33	x 1
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OTHER FIXES:

Replace Mass Air Flow (MAF) Sensor

Mass Air Flow Sensor	\$223.50	x 1
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Repair Vacuum Leak at Intake Manifold

OTHER DTCS:

PENDING	P0420, P2227, P2228
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STORED	P0171, P0420, P2227, P2228
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PERMANENT	P0420, P2227, P2228
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ANTI-LOCK BRAKE SYSTEM CODES

ALL DTCS:

C027B-00	Brake Booster Electric Vacuum Pump
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MOST LIKELY FIX FOR C027B-00:

Replace Brake Booster Vacuum Pump

Vacuum Pump	\$446.17	x 1
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SAFETY RESTRAINT SYSTEM CODES

ALL DTCS:

N/A

SCHEDULED MAINTENANCE

CRITICAL MAINTENANCE:

Change Engine Oil and Filter

Engine Oil Filter	\$15.65	x 1
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Engine Oil	\$12.00	x 5
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Lube Lock Cylinders, Latches, Hinges & Pivots

Multi Purpose Lubricant	\$14.23	x 1
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RECOMMENDED MAINTENANCE:

- Inspect Accelerator Pedal Position Assembly
- Inspect Air Filter
- Inspect All Fluids and Correct Level
- Inspect Brake System, Friction Material & Hydraulic System
- Inspect Cooling System, Hoses & Clamps
- Inspect Exhaust System
- Inspect For Fluid Leaks
- Inspect Fuel System
- Inspect Parking Brake Operation & Tension
- Inspect Seat Belts & Related Components
- Inspect SRS System
- Inspect Starter Safety Switch
- Inspect Sunroof
- Inspect Wiper & Washer System
- Lube Chassis, Suspension and Steering Systems
- Rotate Tires, Inspect Tire Wear, & Adjust Tire Pressure

PREDICTED REPAIRS

REPAIR	PROBABILITY	PRICE
Replace Turbocharger Assembly	7%	1535.06
Replace Valve Cover with integrated PCV Valve	6%	344.53
Replace Tire Pressure Monitoring System (TPMS) Sensor	6%	280.89
Replace Catalytic Converter(s)	15%	763.31
Replace Mass Air Flow (MAF) Sensor	16%	297.28

FREEZE FRAME

DTC	P0171	Fuel Sys 1	CL	Fuel Sys 2	N/A
Calc Load	15.7 %	ECT	147 °F	STFT B1	13.3 %
LTFT B1	34.4 %	Fuel Pres	43 psi	MAP	12 inHg
Eng RPM	827	Veh Speed	0 mph	Spark Adv	4.5 °
IAT	46 °F	MAF	0.26 (lb/min)	TPS	22.4 %
Run Time	58 sec	Command EVAP	0.0 %	Fuel Level	32.2 %
DTC	7	Clr Dist	80 miles	EVAP_VP	0.0 InH2O
BARO	29 inHg	CAT Te 11	597 °F	ECU Volts	14.493 V
LOAD Value	17.3 %	EQ Ratio	0.999	Rel TPS	7.8 %
Ambient	10 °F	TPS B	22.0 %	ACC Pedal D	20.0 %
ACC Pedal E	9.8 %	Command TAC	11.4 %		

NETWORK SCAN RESULTS

EBCM - Electronic Brake Control Module

CODE	DEFINITION	STATUS
C027B-00	Brake Booster Electric Vacuum Pump	HISTORY

ECM - Engine Control Module

CODE	DEFINITION	STATUS
P2228-00	Barometric Pressure (BARO) Sensor Circuit Low Voltage	FAIL SINCE CLEAR MIL,HISTORY
P0420-00	Catalyst System Low Efficiency	FAIL SINCE CLEAR CURRENT,MIL,HISTORY
P0171-00	Fuel Trim System Lean	FAIL SINCE CLEAR HISTORY
P2227-00	Barometric Pressure (BARO) Sensor Performance	FAIL SINCE CLEAR CURRENT,This Ignition Cycle,MIL,HISTORY

BCM - Body Control Module

CODE	DEFINITION	STATUS
C0755-29	Right Front Tire Pressure Sensor - Too Few Pulses	FAIL SINCE CLEAR CURRENT,This Ignition Cycle,HISTORY
C0750-29	Left Front Tire Pressure Sensor - Too Few Pulses	FAIL SINCE CLEAR CURRENT,This Ignition Cycle,HISTORY
B3935-00	Transponder Authentication	FAIL SINCE CLEAR HISTORY
B3060-00	Unprogrammed Transponder Identification Code Received	FAIL SINCE CLEAR HISTORY
B2545-01	Backup Lamps Circuit - Short To Battery	FAIL SINCE CLEAR CURRENT,This Ignition Cycle,HISTORY
B3055-00	No Transponder Modulation Or No Transponder	FAIL SINCE CLEAR HISTORY
C0760-03	Left Rear Tire Pressure Sensor - Low Voltage	FAIL SINCE CLEAR HISTORY
B2545-04	Backup Lamps Circuit - System Internal Malfunction	FAIL SINCE CLEAR CURRENT,This Ignition Cycle,HISTORY

NO CODES FOUND

Module

- PSCM - Power Steering Control Module
- PPM - Passenger Presence Module
- FSHCM - Front Seat Heating Control Module
- TCICM - Telematics Communication Interface Control Module
- HVAC Control Module
- IPC - Instrument Panel Cluster
- SIR - Supplemental Inflatable Restraint
- FPCM - Fuel Pump Control Module
- SWASM - Steering Wheel Angle Sensor Module
- TCM - Transmission Control Module
- MAASM - Multi-Axis Acceleration Sensor Module

WARRANTY STATUS		TSBs and Recalls	
	Basic Warranty Up to 36 months or 36,000 miles	Dealer Recalls	46
	Powertrain Warranty Up to 60 months or 100,000 miles	NHSTA Safety Recalls	6
	Emission Warranty Up to 96 months or 80,000 miles	Technical Service Bulletins	1492
	Electric/Hybrid Warranty Up to 96 months or 100,000 miles		
	Corrosion Coverage Warranty Up to 36 months or 36,000 miles		
	Roadside Assistance Warranty Up to 60 months or 60,000 miles		
	Rust Perforation Limited Warranty Up to 72 months or 100,000 miles		
	Tire Warranty Up to 72 months or 30,000 miles		