SAC

Springfield Auto Care EXAMPLE SHOP

service@springfield-auto-care.example

TECHNICIAN WORKSHEET · 1.8L ECOTEC I4 (LUW / LWE)
RA-GE18-123456-20261028

2013 Chevrolet Cruze · Cruze LS 1.8L automatic · FWD

1G1PA5SH7D7123456

ODOMETER IN	DOOR-JAMB BUILD (MM/YY)	RO #	TECHNICIAN / DATE
98,000			

A · RECALLS AND CAMPAIGNS TO VERIFY (DEALER PRINTOUT OR NHTSA.GOV)

14V-417 · Engine block heater cord can crack (2013–2014 Cruze, 2012–2014 Sonic) ☐ Open ☐ Done ☐ N/A

16V-502 · Electrical system · ignition ☐ Open ☐ Done ☐ N/A

14V-372 · Air bags ☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Timing belt, tensioner and idler

Now · Past the range (Replace at 97,500 mi (schedule for the 2011–2015 Cruze 1.8L))

Check service records for the belt job ☐ OK ☐ Watch ☐ Fix

Look for oil on the timing belt cover ☐ OK ☐ Watch ☐ Fix

Belt: records / no records

Parts (J300): Ask your parts supplier for the OE part number for this VIN.

2. Oil leak from the camshaft actuators into the timing belt area

Watch · Any mileage (2014–2015 engines in the GM notes; the same parts are used on other years)

Remove the upper timing cover and look for oil ☐ OK ☐ Watch ☐ Fix

Run at 2,000 rpm with paper near the cam sprockets (GM test) ☐ OK ☐ Watch ☐ Fix

Belt area: dry / oily

Parts (J300): Ask your parts supplier for the OE part number for this VIN.

3. Plastic thermostat housing coolant leak

Watch · Any mileage (2011–2012 Cruze 1.8L automatics had GM special coverage; leaks are reported on other years too)

Look for coolant at the thermostat housing ☐ OK ☐ Watch ☐ Fix

Check the shift cable grommet at the transmission lever ☐ OK ☐ Watch ☐ Fix

Cooling-system pressure test ☐ OK ☐ Watch ☐ Fix

Housing: dry / damp / leaking

Scan for: P0128

Parts (J300): Ask your parts supplier for the OE part number for this VIN.

4. Camshaft position sensor and actuator codes

Watch · Any mileage (GM notes cover 2008–2016 engines)

Scan for P0011–P0017, P0341, P0366 ☐ OK ☐ Watch ☐ Fix

Compare cam counts in a scan tool ☐ OK ☐ Watch ☐ Fix

Scan for: P0011, P0014, P0016, P0017, P0341, P0366, P000A, P000B

Parts (J300): Ask your parts supplier for the OE part number for this VIN.

5. Catalytic converter damage (GM emission recall 16186)

Watch · Any mileage (Emission recall 16186: 2013–2014 Cruze and Sonic with the 1.8L LWE)

Dealer campaign history for 16186 ☐ OK ☐ Watch ☐ Fix

Scan for P0420 ☐ OK ☐ Watch ☐ Fix

Scan for: P0420

Parts (J300): Recall reprogramming done by the dealer.

6. Low oil pressure light at idle after an oil change — Watch · Any mileage (Usually right after an oil change)

Check oil pressure with a mechanical gauge ☐ OK ☐ Watch ☐ Fix

Inspect the filter housing check valve ☐ OK ☐ Watch ☐ Fix

Oil pressure: normal / low

Parts (J300): Ask your parts supplier for the OE part number for this VIN.

FACTORY MAINTENANCE DUE BY 128,000 MI (ASK FOR RECORDS)

Spark plugs · every 97,500 mi · was due at 97,500 mi (check records) · $249 ☐ Done (records) ☐ Due ☐ Quoted

Engine coolant · every 150,000 mi or 5 years · due by age: every 5 years (check records) · From $179 ☐ Done (records) ☐ Due ☐ Quoted

Automatic transmission fluid · every 97,500 mi · was due at 97,500 mi (check records) · $259 ☐ Done (records) ☐ Due ☐ Quoted

C · ALSO REPORTED FOR THE 1.8L ECOTEC I4 (LUW / LWE), QUICK CHECKS

- **Air bags** (101 complaints): Most are 2008–2009 Astra owners asking about the driver air bag inflator recall 16V-063 (Takata). Not an engine fault; check the VIN.
- **Transmission** (35 complaints): Counts every transmission complaint (6-speed automatic and manual). 2012 Sonic 1.8 automatics built March–June 2012 had a turbine shaft recall (14V-315). Not an engine fault.
- **Shift cable / will not go into Park** (13 complaints): Mostly 2008 Astra owners whose shifter would not select or hold Park, often a worn shift cable bushing; no Astra program was found. On 2011–2012 Cruze 1.8 automatics, coolant from a leaking thermostat housing can eat the shift cable grommet (GM special coverage 14773, see the thermostat item).
- **Misfire / stall** (11 complaints): A mix of causes. The GM coil-connector and crossed-injector-harness bulletins for these cars cover the 1.4L turbo only, so no 1.8L-specific fix is listed.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Timing belt, tensioner and idler

The 1.8L uses a rubber timing belt. At 98,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $1,300, before tax and shop supplies.

Ask: have you noticed rattle or whine from the belt area if the tensioner or idler is worn, or oil on the belt cover?

Adjust after the inspection. The report is not a diagnosis or a guarantee, so say what the technician found, not what the report predicts.

NOTES FOR THE ADVISOR

Record findings here (OK / Watch / Fix and measurements); the advisor adjusts the quote before the handout is printed or sent.

Reference only. Follow Chevrolet repair procedures and your shop's judgment.