SAC **Springfield Auto Care** EXAMPLE SHOP
service@springfield-auto-care.example

TECHNICIAN WORKSHEET · 2.2L / 2.4L ECOTEC (L61 / LE5)
RA-GMECO-123456-20261028

2008 Chevrolet Cobalt · Cobalt LS Sedan 2.2L · FWD

1G1AK55F387123456

ODOMETER IN	DOOR-JAMB BUILD (MM/YY)	RO #	TECHNICIAN / DATE
110,000			

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

12V-459 · Fuel pump module reservoir port can crack (2007–2009 Cobalt and G5, 2007 Ion, hot states)	☐ Open ☐ Done ☐ N/A
14V-171 · Ignition · key removal	☐ Open ☐ Done ☐ N/A
14V-047 · Ignition switch · air bags	☐ Open ☐ Done ☐ N/A
10V-073 · Steering · electric power assist	☐ Open ☐ Done ☐ N/A

09V-419 (Fuel pump module reservoir port can crack (2006–2007 Cobalt, G5 and Ion, hot states)): not listed by NHTSA for MY2008. Confirm on the dealer printout.

B · INSPECTION POINTS, IN PLAN ORDER

1. Timing chain, guide and tensioner failure

Check now · Past the range (55,000–89,000 mi, the middle half of 138 owner reports)

Listen at the timing cover at idle	☐ OK ☐ Watch ☐ Fix
Scan for P0016 / P0017	☐ OK ☐ Watch ☐ Fix
Check oil level and condition	☐ OK ☐ Watch ☐ Fix

Rattle: none / present

Scan for: P0016, P0017, P0008

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

2. In-tank fuel pump failure (stall, no start)

Check now · Past the range (52,000–80,000 mi, the middle half of 198 owner reports)

Check fuel pressure	☐ OK ☐ Watch ☐ Fix
Listen for pump whine	☐ OK ☐ Watch ☐ Fix

Fuel pressure: in spec / low

Scan for: P0087, P0230, P0171

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

3. Fuel pump module reservoir can crack and leak (recall)

Check now · Past the range (61,000–100,000 mi, the middle half of 29 owner reports)

Check the VIN for open recalls	☐ OK ☐ Watch ☐ Fix
Sniff test at the fuel tank access	☐ OK ☐ Watch ☐ Fix

Recall: done / open

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

4. Rusted fuel lines leak under the car

Check now · Inside the range (77,000–129,000 mi, the middle half of 34 owner reports)

Inspect the fuel lines along the underbody and at the heat shield	☐ OK ☐ Watch ☐ Fix
Look for wet spots	☐ OK ☐ Watch ☐ Fix

Lines: clean / surface rust / heavy rust / leaking

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

FACTORY MAINTENANCE DUE BY 140,000 MI (ASK FOR RECORDS)

Spark plugs · every 100,000 mi · was due at 100,000 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

C · ALSO REPORTED FOR THE 2.2L / 2.4L ECOTEC (L61 / LE5), QUICK CHECKS

- **Power steering** (6165 complaints): Electric power steering faults on Cobalt, G5, Ion, HHR, Malibu and G6 (recalls and special coverage); not an engine fault.
- **Ignition switch / key** (2991 complaints): The ignition switch recalls (14V-047 and others) cover these cars; it is not an engine fault but check that they are done.
- **Stalling / loss of power** (2248 complaints): Mixed causes: ignition switch, fuel pumps, sensors.
- **Transmission** (1691 complaints): Counts every transmission complaint; not an engine fault.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Timing chain, guide and tensioner failure

Owners in NHTSA complaints report broken or stretched timing chains, broken guide bolts and failed tensioners, sometimes with a rattle first and sometimes with a sudden stall. At 110,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking.

Ask: have you noticed rattle from the timing cover, often at idle or start-up, or check-engine light with cam/crank correlation codes?

---

2. In-tank fuel pump failure (stall, no start)

Fuel pump failure is one of the most common powertrain complaints for these cars. At 110,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $700, before tax and shop supplies.

Ask: have you noticed stalling while driving, or hard start or no start?

---

3. Fuel pump module reservoir can crack and leak (recall)

GM recalled these cars because the plastic supply or return port on the fuel pump module reservoir can crack. At 110,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. A recall or warranty extension may pay for it: we check the VIN.

Ask: have you noticed fuel smell, mostly after filling up, or fuel drips under the rear seat area?

---

4. Rusted fuel lines leak under the car

Hundreds of owners report fuel leaks from steel fuel lines that rusted under the car, often near the rear wheel or where the lines pass the exhaust heat shield. At 110,000 mi your car is in the mileage range where owners report it. Our price is $950, before tax and shop supplies.

Ask: have you noticed gas smell around the car, or wet spot or drips under the driver side?

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.