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

TECHNICIAN WORKSHEET · 5.7 / 6.0L CAR V8 (LS1 / LS6 / LS2)
RA-GLS1-123456-20261028

2004 Chevrolet Corvette · Corvette 5.7L V8 (LS1) coupe · RWD

1G1YY22G545123456

ODOMETER IN: 68,000 | DOOR-JAMB BUILD (MM/YY) | RO # | TECHNICIAN / DATE

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

04V-060 · Steering column lock can stay locked or lock while driving (2000–2004 Corvette) ☐ Open ☐ Done ☐ N/A

04V-273 · Steering · linkages ☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Fuel level sender, pump and tank leaks (gauge errors, fuel smell)

Check now · Past the range (20,750–66,750 mi, the middle half of 86 owner reports)

Smoke or sniffer test at the tanks and crossover ☐ OK ☐ Watch ☐ Fix

Compare gauge reading to fill-up volume ☐ OK ☐ Watch ☐ Fix

Scan for fuel level and evaporative codes ☐ OK ☐ Watch ☐ Fix

Fuel smell: none / after fill-up / constant

Scan for: P0463, P1431, P0442, P0455

Parts (C5): Ask your parts supplier for the OE part number for this VIN.

2. Higher than expected oil consumption (early LS1 / LS6)

Watch · Any mileage (Mostly reported on new 2000–2002 cars)

Oil consumption test ☐ OK ☐ Watch ☐ Fix

Look for oil in the intake and PCV tube ☐ OK ☐ Watch ☐ Fix

Check plugs for oil fouling ☐ OK ☐ Watch ☐ Fix

Oil use: quarts per 1,000 mi

Parts (C5): Ask your parts supplier for the OE part number for this VIN.

3. Coolant leak from cylinder head cup plugs (2003–2004)

Watch · Any mileage (Bulletin covers 2003–2004 builds)

Look for dried coolant at the back of each head ☐ OK ☐ Watch ☐ Fix

Pressure test the cooling system ☐ OK ☐ Watch ☐ Fix

Parts (C5): Ask your parts supplier for the OE part number for this VIN.

FACTORY MAINTENANCE DUE BY 98,000 MI (ASK FOR RECORDS)

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 5.7 / 6.0L CAR V8 (LS1 / LS6 / LS2), QUICK CHECKS

- **Suspension and struts** (539 complaints): Mostly 2005–2006 GTO front strut leaks and Corvette suspension complaints. Not an engine fault.
- **Steering column lock** (314 complaints): The largest complaint group, almost all 2000–2004 Corvettes: the electronic steering column lock can fail to release (no start) or engage. Recall 04V-060 covers it; check that it was done. Not an engine fault.
- **Transmission or clutch** (288 complaints): Counts every clutch, shifter and transmission complaint (manual clutch hydraulics on the Corvette and GTO; 4L60E/4L65E automatics). Not an engine fault.
- **Stall or shuts off** (251 complaints): Mixed causes: the column lock cutting fuel (recall 04V-060), fuel pump and sender faults (see the fuel item), and electrical faults. Check recalls first.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Fuel level sender, pump and tank leaks (gauge errors, fuel smell)
Corvette owners report fuel gauges that drop to empty or read wrong, failed fuel pumps, and fuel smells or drips from the saddle tanks and crossover pipe; this is the most common complaint on the 2004 Corvette, where a GM campaign (10150) covered leaks at the quick connectors that join the left and right tanks. At 68,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $2,100, before tax and shop supplies.
Ask: have you noticed fuel gauge drops to empty or reads wrong; DTC P0463 or P1431, or strong fuel smell after a fill-up, fuel drips under the car?

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.