SAC **Springfield Auto Care** EXAMPLE SHOP
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TECHNICIAN WORKSHEET · 4.3L VORTEC V6 (L35 / LU3 / LF6)
RA-GM43V-123456-20261028

2002 Chevrolet Silverado 1500 · Silverado 1500 Regular Cab 4.3L V6 2WD · 2WD

1GCEC14W92Z123456

ODOMETER IN: 125,000 | DOOR-JAMB BUILD (MM/YY): | RO #: | TECHNICIAN / DATE:

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

05V-379 · Brakes · ABS wheel speed sensors (salt-belt states) ☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Coolant leak at the intake manifold gasket

Check now · Past the range (49,000–75,000 mi, the middle half of 17 owner reports)

- Pressure-test the cooling system ☐ OK ☐ Watch ☐ Fix
- Check the oil for coolant ☐ OK ☐ Watch ☐ Fix
- Look for coolant crust at the intake gasket edges ☐ OK ☐ Watch ☐ Fix
- Coolant loss over a week: none / some
- Scan for: P0128
- Parts (GMT800): 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 (39,000–72,000 mi, the middle half of 28 owner reports)

- Check fuel pressure ☐ OK ☐ Watch ☐ Fix
- Listen for pump whine ☐ OK ☐ Watch ☐ Fix
- Inspect the pump connector for heat damage ☐ OK ☐ Watch ☐ Fix
- Fuel pressure: in spec / low
- Scan for: P0087, P0230
- Parts (GMT800): Ask your parts supplier for the OE part number for this VIN.

3. Clogged or corroded fuel injectors (misfire, rough idle)

Watch · Any mileage (GM bulletins for 2002–2004 trucks, vans and S-series models)

- Scan for misfire codes ☐ OK ☐ Watch ☐ Fix
- Injector balance test ☐ OK ☐ Watch ☐ Fix
- Inspect injector connectors for corrosion ☐ OK ☐ Watch ☐ Fix
- Misfire counts by cylinder
- Scan for: P0300, P0171, P0174
- Parts (GMT800): Ask your parts supplier for the OE part number for this VIN.

4. Distributor cap and rotor corrosion from A/C condensation

Watch · Any mileage (Owner reports on 2000–2003 Silverado and Sierra 4.3L)

- Remove the cap and look for corrosion or moisture ☐ OK ☐ Watch ☐ Fix
- Check the A/C line insulation above the distributor ☐ OK ☐ Watch ☐ Fix
- Cap: clean / corroded
- Scan for: P0300
- Parts (GMT800): Ask your parts supplier for the OE part number for this VIN.

FACTORY MAINTENANCE DUE BY 155,000 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

Automatic transmission fluid · every 100,000 mi · was due at 100,000 mi (check records) · $259 ☐ Done (records) ☐ Due ☐ Quoted

C · ALSO REPORTED FOR THE 4.3L VORTEC V6 (L35 / LU3 / LF6), QUICK CHECKS

- **Transmission** (286 complaints): Counts every transmission complaint (4L60-E automatic); not an engine fault.
- **Stalling / loss of power** (238 complaints): Mixed causes: fuel pumps, ignition and sensors.
- **Brake lines** (82 complaints): Rusted brake lines on 1999–2007 trucks are a body/brake issue, not the engine; check them on any older truck.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Coolant leak at the intake manifold gasket

GM has a bulletin for engine coolant leaking at the intake gasket on the 4.3L. At 125,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $650, before tax and shop supplies.

Ask: have you noticed coolant level keeps dropping, or sweet smell or coolant crust around the intake?

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

The in-tank fuel pump is the most common engine-related failure in owner complaints for these trucks and vans. At 125,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $800, before tax and shop supplies.

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

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.