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

TECHNICIAN WORKSHEET · 4.2L I6 / 3.5L–3.7L I5 / 2.8L–2.9L I4 (ATLAS)
RA-GATL-123456-20261028

2005 Chevrolet TrailBlazer · TrailBlazer LS 4.2L I6 4WD · 4WD

1GNDT13S052123456

ODOMETER IN	DOOR-JAMB BUILD (MM/YY)	RO #	TECHNICIAN / DATE
118,000			

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

No tracked engine recalls listed for this model year.

B · INSPECTION POINTS, IN PLAN ORDER

1. Exhaust camshaft actuator and solenoid (P0014 / P0017)

Watch · Any mileage (2004–2012 engines of every size in the GM notes; worse with skipped oil changes)

- Scan for P0014 / P0017 — ☐ OK ☐ Watch ☐ Fix
- Inspect the actuator solenoid screens — ☐ OK ☐ Watch ☐ Fix
- Check crankshaft end play with a pry bar — ☐ OK ☐ Watch ☐ Fix
- End play: in spec / out

Scan for: P0014, P0017, P0106

Parts (GMT360): Ask your parts supplier for the OE part number for this VIN.

2. Electro-viscous fan clutch (loud fan, overheating)

Watch · Past the range (41,000–79,000 mi, the middle half of 42 owner reports)

- Check fan clutch codes and commanded vs actual fan speed — ☐ OK ☐ Watch ☐ Fix
- Watch coolant temperature at idle with the A/C on — ☐ OK ☐ Watch ☐ Fix
- Fan: normal / roars / slips

Scan for: P0480, P0483, P0495

Parts (GMT360): Ask your parts supplier for the OE part number for this VIN.

3. Dirty throttle body (stalls at idle with A/C)

Watch · Past the range (38,000–87,000 mi, the middle half of 23 owner reports)

- Inspect the throttle plate for carbon — ☐ OK ☐ Watch ☐ Fix
- Check idle speed with the A/C on — ☐ OK ☐ Watch ☐ Fix

Scan for: P0506, P0507

Parts (GMT360): Ask your parts supplier for the OE part number for this VIN.

4. Misfire and flashing check-engine light

Watch · Any mileage (2002–2007 4.2L engines)

- Read misfire counters by cylinder — ☐ OK ☐ Watch ☐ Fix
- Inspect coils and plugs — ☐ OK ☐ Watch ☐ Fix

Scan for: P0300, P0301, P0302, P0303, P0304, P0305, P0306

Parts (GMT360): Ask your parts supplier for the OE part number for this VIN.

FACTORY MAINTENANCE DUE BY 148,000 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 4.2L I6 / 3.5L–3.7L I5 / 2.8L–2.9L I4 (ATLAS), QUICK CHECKS

- **Fuel gauge / fuel level sensor** (1810 complaints): Most complaints are about a fuel gauge that reads wrong; GM says some drop in park is a normal buffering trait, but owners also report failed level sensors. Not an engine fault.
- **Transmission** (926 complaints): Counts every transmission complaint (4L60-E automatic); not an engine fault.
- **Fuel pump** (309 complaints): Owners report in-tank fuel pump failures (no start, stall); no GM program for it was found.
- **Oil pressure gauge** (194 complaints): Many 2003–2005 owners report the oil pressure gauge dropping to zero; owners often blame the sensor. No GM program found.

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.