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

TECHNICIAN WORKSHEET · 6.2L V8 (L86 / L87 / LT1)
RA-GM62-123456-20261028

2021 GMC Yukon Denali · Yukon Denali 6.2 V8 4WD · 4WD

1GKS2DKLXMR123456

ODOMETER IN: 62,000 | DOOR-JAMB BUILD (MM/YY) | RO # | TECHNICIAN / DATE

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

25V-274 · Connecting rod / crankshaft defects can cause engine failure (2021–2024 6.2L L87)	☐ Open ☐ Done ☐ N/A
22V-617 · Seat belts · third-row buckle rivet	☐ Open ☐ Done ☐ N/A
22V-036 · Driveline · rear driveshaft heat treatment	☐ Open ☐ Done ☐ N/A
21V-739 · Fuel system · fuel pump control module	☐ Open ☐ Done ☐ N/A
21V-579 · Brakes · electric brake booster calibration	☐ Open ☐ Done ☐ N/A
21V-455 · Steering · power steering software	☐ Open ☐ Done ☐ N/A
21V-421 · Air bags · warning light	☐ Open ☐ Done ☐ N/A
21V-190 · Seat belts · third-row belts misrouted	☐ Open ☐ Done ☐ N/A
21V-064 · Fuel system · fuel tank layers	☐ Open ☐ Done ☐ N/A
20V-811 · Seat belts · incorrect anchor bolts	☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Connecting rod and crankshaft defects (L87, 2021–2024)

Check now · Inside the range (22,000–63,000 mi, the middle half of 306 owner reports)

- Check the VIN for recall 25V-274 and special coverage N252494003 — ☐ OK ☐ Watch ☐ Fix
- Listen for bottom-end knock at idle and under load — ☐ OK ☐ Watch ☐ Fix
- Check oil pressure readings — ☐ OK ☐ Watch ☐ Fix
- Recall status: done-passed / done-replaced / open
- Scan for: P0521, P06DD
- Parts (T1XX): Ask your parts supplier for the OE part number for this VIN.

2. Collapsed or broken valve lifters (misfire, tick)

Check now · Inside the range (16,000–84,000 mi, the middle half of 227 owner reports)

- Misfire counters by cylinder — ☐ OK ☐ Watch ☐ Fix
- Listen for lifter tick at idle — ☐ OK ☐ Watch ☐ Fix
- Check for a bent push rod if a cylinder is dead — ☐ OK ☐ Watch ☐ Fix
- Tick: none / light / loud
- Scan for: P0300, P0301, P0302, P0303, P0304, P0305, P0306, P0307, P0308
- Parts (T1XX): Ask your parts supplier for the OE part number for this VIN.

FACTORY MAINTENANCE DUE BY 92,000 MI (ASK FOR RECORDS)

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

C · ALSO REPORTED FOR THE 6.2L V8 (L86 / L87 / LT1), QUICK CHECKS

- **Stalling / loss of power** (538 complaints): Many describe the L87 engine failures covered by recall 25V-274; others are electrical or transmission faults.
- **Transmission** (506 complaints): Counts every transmission complaint (8- and 10-speed automatics); not an engine fault.
- **Engine failure / bottom-end knock (L86 trucks and SUVs, Corvette, Camaro, CTS-V)** (103 complaints): Engine-failure complaints from the L86 trucks and SUVs (2014–2018 Silverado/Sierra 1500, 2019 Silverado LD / Sierra Limited, 2015–2020 Tahoe, Suburban, Yukon and Escalade) and the LT1/LT4 cars. They are counted apart because the connecting-rod and crankshaft defect (recall 25V-274) is an L87 truck and SUV problem only; these engines have no matching recall or bulletin, and the complaints mix oil starvation, lifter damage and other causes.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Connecting rod and crankshaft defects (L87, 2021–2024)
GM recalled 2021–2024 6.2L trucks and SUVs because the connecting rods and/or crankshaft can have manufacturing defects that damage the engine and make it fail. At 62,000 mi your car is in the mileage range where owners report it. A recall or warranty extension may pay for it: we check the VIN.
Ask: have you noticed knocking from the bottom of the engine, or low oil pressure warning?

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2. Collapsed or broken valve lifters (misfire, tick)
A valve lifter can stick, collapse or come apart. At 62,000 mi your car is in the mileage range where owners report it. Our price is $1,950, before tax and shop supplies.
Ask: have you noticed ticking noise from the engine, or misfire codes P0300–P0308?

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 GMC repair procedures and your shop's judgment.