SAC **Springfield Auto Care** EXAMPLE SHOP
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TECHNICIAN WORKSHEET · 4.8 / 5.3 / 6.0L V8 (GEN IV VORTEC)
RA-GMG4-123456-20261028

2011 Chevrolet Tahoe · Tahoe LT 5.3 V8 4WD · 4WD

1GNSKBE02BR123456

ODOMETER IN: 122,000 | DOOR-JAMB BUILD (MM/YY): | RO #: | TECHNICIAN / DATE:

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

21V-054 · Air bags · passenger frontal inflator (Zone A states)	☐ Open ☐ Done ☐ N/A
21V-050 · Air bags · passenger frontal inflator (Zone A states)	☐ Open ☐ Done ☐ N/A
14V-827 · Ignition · lock actuator	☐ Open ☐ Done ☐ N/A
11V-339 · Steering · intermediate shaft bolts	☐ Open ☐ Done ☐ N/A
11V-007 · Rear axle · cross pin	☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. AFM lifter tick and misfire (cylinders 1, 4, 6, 7)

Check now · Past the range (52,000–106,000 mi, the middle half of 68 owner reports)

Misfire counters on cylinders 1, 4, 6, 7	☐ OK ☐ Watch ☐ Fix
Listen for tick	☐ OK ☐ Watch ☐ Fix
Check AFM solenoid and VLOM codes	☐ OK ☐ Watch ☐ Fix

Tick: none / light / loud

Scan for: P0300, P0301, P0304, P0306, P0307, P3400

Parts (GMT900): Ask your parts supplier for the OE part number for this VIN.

2. Oil consumption on AFM engines

Check now · Past the range (54,000–120,000 mi, the middle half of 50 owner reports)

Oil-consumption test over 2,000 miles	☐ OK ☐ Watch ☐ Fix
Check plugs for oil fouling	☐ OK ☐ Watch ☐ Fix
Look for oil in the intake	☐ OK ☐ Watch ☐ Fix

Oil use per 2,000 mi: under 1 qt / over 1 qt

Scan for: P0300, P0420

Parts (GMT900): Ask your parts supplier for the OE part number for this VIN.

3. Low oil pressure (relief valve or lifter oil filter)

Check now · Inside the range (68,000–137,000 mi, the middle half of 26 owner reports)

Mechanical oil pressure test	☐ OK ☐ Watch ☐ Fix
Check the lifter oil manifold filter	☐ OK ☐ Watch ☐ Fix

Oil pressure at hot idle: ___ psi

Scan for: P0521, P0522, P0523

Parts (GMT900): Ask your parts supplier for the OE part number for this VIN.

FACTORY MAINTENANCE DUE BY 152,000 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 4.8 / 5.3 / 6.0L V8 (GEN IV VORTEC), QUICK CHECKS

- **Transmission** (585 complaints): Counts every transmission complaint; not an engine fault.
- **Throttle body / reduced power** (200 complaints): Owners report throttle body and sensor faults; GM ran a throttle position sensor special coverage (11273) on some 2009–2010 trucks. Not one engine-internal fault.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. AFM lifter tick and misfire (cylinders 1, 4, 6, 7)

The special lifters on the cylinders that shut off to save fuel (1, 4, 6 and 7) can stick unlocked or collapse. At 122,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking.

Ask: have you noticed tick noise, or misfire on cylinder 1, 4, 6 or 7?

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2. Oil consumption on AFM engines

GM's bulletin says oil sprayed from the Active Fuel Management pressure-relief valve and the PCV system can be pulled into the engine and burned, leaving carbon on the rings. At 122,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $750, before tax and shop supplies.

Ask: have you noticed adding oil between changes, or fouled spark plugs or misfires?

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3. Low oil pressure (relief valve or lifter oil filter)

GM has two bulletins for low oil pressure on these V8s: the oil pump pressure-relief valve can stick (replace the oil pump and flush the cooler lines), and the small filter screen in the valve lifter oil manifold can clog. At 122,000 mi your car is in the mileage range where owners report it.

Ask: have you noticed low oil pressure message or light, or gauge dropping at idle?

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.