SAC **Springfield Auto Care** EXAMPLE SHOP
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TECHNICIAN WORKSHEET · 1.6L DOHC I4 (L91 / LXT / LXV)
RA-GAV16-123456-20261028

2005 Chevrolet Aveo · Aveo LS sedan 1.6L (L91) · FWD

KL1TD52655B123456

ODOMETER IN: 88,000 | DOOR-JAMB BUILD (MM/YY) | RO # | TECHNICIAN / DATE

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

14V-261 · Daytime running light module can overheat (2004–2008 Aveo) ☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Timing belt (interference engine: a broken belt bends the valves)

Now · Past the range (42,000–60,000 mi, the middle half of 61 owner reports)

- Look for a dated timing belt sticker or invoice ☐ OK ☐ Watch ☐ Fix
- Inspect the belt for cracks and oil or coolant contamination ☐ OK ☐ Watch ☐ Fix
- Check the idler and tensioner for noise ☐ OK ☐ Watch ☐ Fix
- Belt age: years / miles since replacement

Parts (T200): Ask your parts supplier for the OE part number for this VIN.

2. Plastic thermostat housing cracks (sudden coolant loss, overheating)

Check now · Past the range (37,500–70,750 mi, the middle half of 24 owner reports)

- Check whether the housing is plastic or metal ☐ OK ☐ Watch ☐ Fix
- Look for coolant traces around the housing ☐ OK ☐ Watch ☐ Fix
- Pressure test the cooling system ☐ OK ☐ Watch ☐ Fix
- Housing: plastic / metal

Parts (T200): Ask your parts supplier for the OE part number for this VIN.

3. Coolant in the engine oil (casting plug leak)

Watch · Any mileage (Engines built before July 24, 2007)

- Look under the oil filler cap ☐ OK ☐ Watch ☐ Fix
- Oil analysis for glycol if in doubt ☐ OK ☐ Watch ☐ Fix
- Oil: clean / milky

Parts (T200): Ask your parts supplier for the OE part number for this VIN.

4. Cold misfire and valve or lash adjuster noise (L91)

Watch · Any mileage (Bulletins cover 2004–2007 L91)

- Scan for P0300 and P1781 ☐ OK ☐ Watch ☐ Fix
- Listen for tick at cold start ☐ OK ☐ Watch ☐ Fix

Scan for: P0300, P1781

Parts (T200): Ask your parts supplier for the OE part number for this VIN.

5. Throttle body icing in the cold and high idle

Watch · Any mileage (Bulletins cover 2004–2010 cars)

- Check the idle speed when warm ☐ OK ☐ Watch ☐ Fix
- Scan for P1516, P2106, P2110 ☐ OK ☐ Watch ☐ Fix
- Warm idle: rpm

Scan for: P1516, P2106, P2110

Parts (T200): Ask your parts supplier for the OE part number for this VIN.

FACTORY MAINTENANCE DUE BY 118,000 MI (ASK FOR RECORDS)

- **Spark plugs** · every 30,000 mi · was due at 60,000 mi, next 90,000 mi · $249 ☐ Done (records) ☐ Due ☐ Quoted
- **Engine coolant** · every 30,000 mi · was due at 60,000 mi, next 90,000 mi · From $179 ☐ Done (records) ☐ Due ☐ Quoted
- **Brake fluid** · every 30,000 mi or 2 years · was due at 60,000 mi and by age (check records) · $129 ☐ Done (records) ☐ Due ☐ Quoted

C · ALSO REPORTED FOR THE 1.6L DOHC I4 (L91 / LXT / LXV), QUICK CHECKS

- **Air bags and seat belts** (331 complaints): Air bag warning light, side air bag connector and seat belt complaints. Not an engine fault.
- **Stall or shuts off** (190 complaints): Mixed causes: broken timing belts (see that item), overheating, and on 2006 cars an engine computer fault with code P0606 that GM fixed by replacing the ECM (bulletins 3730 and 06-06-04-059).
- **Headlamps and daytime running lights** (126 complaints): Mostly the daytime running light module that can overheat (recall 14V-261). Not an engine fault.
- **Overheating (any cause)** (43 complaints): Counts every overheating complaint. Most name the thermostat housing (see that item); others name the water pump, radiator or a broken timing belt.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Timing belt (interference engine: a broken belt bends the valves)
The 1.6 runs a rubber timing belt, and it is an interference engine: when the belt breaks the pistons hit the valves. At 88,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $1,500, before tax and shop supplies.
Ask: have you noticed whine or chirp from the belt area, or engine stops while driving and will not restart?

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2. Plastic thermostat housing cracks (sudden coolant loss, overheating)
Owners of 2004–2006 Aveos report the plastic thermostat housing cracking or snapping off while driving. At 88,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $500, before tax and shop supplies.
Ask: have you noticed steam from under the hood, temperature gauge climbs fast, or coolant puddle at the front of the engine?

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.