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

TECHNICIAN WORKSHEET · 4.7L POWERTECH V8
RA-FC47-123456-20261027

2005 Jeep Grand Cherokee · WK Grand Cherokee Limited 4.7 4x4 · 4WD

1J4HR58N15C123456

ODOMETER IN	DOOR-JAMB BUILD (MM/YY)	RO #	TECHNICIAN / DATE
120,000			

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

14V-438 · Ignition switch ☐ Open ☐ Done ☐ N/A

13V-175 · Transfer case · electrical (4x4) ☐ Open ☐ Done ☐ N/A

08V-203 (PCM software may let the engine stall (2006 Commander 4.7L)): not listed by NHTSA for MY2005. Confirm on the dealer printout.

B · INSPECTION POINTS, IN PLAN ORDER

1. Stalling at stops (PCM software, PCV freeze-up)

Check now · Long past the range (23,000–60,000 mi, the middle half of 14 owner reports)

Long past the reported range: already repaired? Check the records and the part itself first ☐ OK ☐ Watch ☐ Fix

Check the VIN for 08V-203 ☐ OK ☐ Watch ☐ Fix

Idle and stop-and-go road test ☐ OK ☐ Watch ☐ Fix

Stall: never / sometimes / often

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

2. Dropped or loose valve seat

Watch · Any mileage (more likely after the engine has overheated)

Compression test ☐ OK ☐ Watch ☐ Fix

Misfire counters by cylinder ☐ OK ☐ Watch ☐ Fix

Check coolant level and condition ☐ OK ☐ Watch ☐ Fix

Compression: even / one low

Scan for: P0300, P0301, P0302, P0303, P0304, P0305, P0306, P0307, P0308

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

3. Exhaust manifold gasket leaks and broken studs

Watch · Any mileage

Listen at cold start near each manifold ☐ OK ☐ Watch ☐ Fix

Look for broken studs and soot ☐ OK ☐ Watch ☐ Fix

Manifold: tight / leaking / studs broken

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

4. Oil sludge from long oil-change intervals

Watch · Any mileage (worse with missed oil changes)

Look under the oil cap with a light ☐ OK ☐ Watch ☐ Fix

Oil pressure at hot idle ☐ OK ☐ Watch ☐ Fix

Under oil cap: clean / foamy / sludge

Scan for: P0520, P0524

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

FACTORY MAINTENANCE

Not on this report for this car. Check the service records and the maker's schedule (brake fluid, spark plugs, coolant, transmission fluid). ☐ Records checked ☐ Due ☐ Quoted

C · ALSO REPORTED FOR THE 4.7L POWERTECH V8, QUICK CHECKS

- **Steering / suspension / brakes** (58 complaints): Chassis complaints that mention the engine size; not engine faults.
- **Transmission** (29 complaints): Counts every transmission complaint (5-speed and 4-speed automatics); not an engine fault.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Stalling at stops (PCM software, PCV freeze-up)

Owners of 4.7L Grand Cherokees, Commanders and Durangos report the engine stalling when slowing to a stop. At 120,000 mi it may already have been fixed, so we check the records and the part first.

Ask: have you noticed stalls when slowing down or at a light, or restarts right away?

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.
