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

TECHNICIAN WORKSHEET · 3.6L PENTASTAR
RA-PENTASTAR-123456-20261027

2016 Jeep Wrangler Unlimited · JK Wrangler Unlimited · 4x4

1C4BJWDG8GL123456

ODOMETER IN: 98,000 | DOOR-JAMB BUILD (MM/YY) | RO # | TECHNICIAN / DATE

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

19V-018 · Air bags · passenger inflator ☐ Open ☐ Done ☐ N/A

16V-734 · Air bags · front impact sensor ☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Rocker arms (ticking valve cover)

Check now · Inside the range (62,000–107,000 mi, the middle half of 76 owner reports)

Listen at the valve covers ☐ OK ☐ Watch ☐ Fix

Misfire counters ☐ OK ☐ Watch ☐ Fix

Tick: none / light / loud

Scan for: P0300, P0301, P0303, P0305

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

2. Oil filter housing and oil cooler

Watch · Any mileage (no reliable figure)

Seep at the oil filter housing ☐ OK ☐ Watch ☐ Fix

Housing: dry / damp / wet

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

3. Water pump and radiator

Watch · Past the range (37,000–92,000 mi, the middle half of 129 owner reports)

Cooling-system pressure test ☐ OK ☐ Watch ☐ Fix

Scan for: P0128

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

4. Oil pan gasket and oil pressure sensor leak

Watch · Any mileage (no reliable figure)

Seep at oil pan and pressure sensor ☐ OK ☐ Watch ☐ Fix

Leak: dry / damp / wet

Scan for: P0521

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

FACTORY MAINTENANCE DUE BY 128,000 MI (ASK FOR RECORDS)

Spark plugs · every 100,000 mi · at 100,000 mi · $249 ☐ Done (records) ☐ Due ☐ Quoted

Engine coolant · every 150,000 mi or 10 years · due by age: 10-year limit passed (check records) · From $179 ☐ Done (records) ☐ Due ☐ Quoted

C · ALSO REPORTED FOR THE 3.6L PENTASTAR, QUICK CHECKS

- **Stalling / loss of power** (2202 complaints): Many are 2011–2016 minivan and Journey complaints that blame the power module (TIPM) or fuel pump relay, the alternator or the transmission rather than the engine; check those first.
- **TIPM / electrical** (1177 complaints): Power-module (TIPM), fuel pump relay and charging faults, mostly on 2011–2016 minivans; not engine-internal.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Rocker arms (ticking valve cover)
The roller bearings in the rocker arms (cam followers) wear or seize, which ticks and can wipe a camshaft lobe. At 98,000 mi your car is in the mileage range where owners report it. Our price is $850, before tax and shop supplies. Left until it fails, published repair bills run $1,800–$4,000.
Ask: have you noticed ticking from under a valve cover, or misfire codes?

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 Jeep repair procedures and your shop's judgment.