SAC

Springfield Auto Care EXAMPLE SHOP

service@springfield-auto-care.example

TECHNICIAN WORKSHEET · 5.7L HEMI
RA-HEMI57-123456-20261027

2015 Ram 1500 · Ram 1500 Crew Cab 4x4 · 4x4

1C6RR7LT9FS123456

ODOMETER IN: 124,000 | DOOR-JAMB BUILD (MM/YY): | RO #: | TECHNICIAN / DATE:

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

21V-632 · Air bags · curtain inflator	☐ Open ☐ Done ☐ N/A
18V-486 · Tailgate	☐ Open ☐ Done ☐ N/A
18V-332 · Electrical · wiring	☐ Open ☐ Done ☐ N/A
17V-824 · Equipment · fire extinguisher	☐ Open ☐ Done ☐ N/A
17V-821 · Transmission · column shifter	☐ Open ☐ Done ☐ N/A
17V-302 · Air bags · roll rate sensor	☐ Open ☐ Done ☐ N/A
16V-167 · Steering · electric power assist	☐ Open ☐ Done ☐ N/A
15V-460 · Air bags · side impact sensors	☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Lifters and camshaft (the "Hemi tick")

Check now · Inside the range (82,000–136,000 mi, the middle half of 147 owner reports)

Misfire counters ☐ OK ☐ Watch ☐ Fix

Oil filter for metal ☐ OK ☐ Watch ☐ Fix

Tick: none / cold only / persistent

Scan for: P0300, P0301, P0302, P0303, P0304, P0305, P0306, P0307, P0308, P0521

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

2. Exhaust manifold bolts

Watch · Any mileage (no reliable figure)

Soot at manifold flanges ☐ OK ☐ Watch ☐ Fix

Cold-start listen ☐ OK ☐ Watch ☐ Fix

Scan for: P0420, P0430, P0153

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

3. Cam timing (VVT) solenoid and phaser

Watch · Any mileage (no reliable figure)

Cam timing actual vs. target ☐ OK ☐ Watch ☐ Fix

Scan for: P0011, P0016, P000B

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

FACTORY MAINTENANCE DUE BY 154,000 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 10 years · due by age: 10-year limit passed (check records) · From $179	☐ Done (records) ☐ Due ☐ Quoted

C · ALSO REPORTED FOR THE 5.7L HEMI, QUICK CHECKS

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Lifters and camshaft (the "Hemi tick")

Lifter rollers, especially on the cylinders the MDS system shuts off, can seize or collapse and wear the camshaft lobes; metal debris then spreads through the oil. At 124,000 mi your car is in the mileage range where owners report it. Our price is $150, before tax and shop supplies.

Ask: have you noticed tick at idle that follows engine speed, 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 Ram repair procedures and your shop's judgment.