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

2015 Ram 1500 at 124,000 mi

1C6RR7LT9FS123456

MODEL / CHASSIS	ENGINE	MILEAGE	DRIVETRAIN
1500 · Ram 1500 Crew Cab 4x4	5.7L Hemi V8 (Eagle, with MDS and VVT)	124,000 mi	4x4
BUILD MONTH	**REPORT DATE**	**MODE**	**PREPARED FOR**
Not entered (door jamb)	October 27, 2026	Shop	Sample Owner

VIN check: check digit valid; model-year code 'F' = 2015, matches the year entered. The VIN doesn't record the build month. Sample report: synthetic VIN.

1 · SUMMARY

What this car needs, in order

Each item compares this car's mileage with when owners and shops report the part failing. It is not an inspection: our technician decides what the car actually needs.

1
inspection recommended now

0
to plan in the next 30,000 miles · plus 2 factory maintenance items

2
to watch or check at each service

Safety recalls NHTSA lists for this model year (8 of 10)

- **21V-632** · Air bags · curtain inflator: A side curtain inflator end cap can detach or the inflator can rupture.
- **18V-486** · Tailgate: On trucks with a power locking tailgate, it can open while driving.
- **18V-332** · Electrical · wiring: Cruise control may not disengage, so the truck can hold or increase speed.
- **17V-824** · Equipment · fire extinguisher: A Kidde extinguisher, if fitted, may clog or lose its nozzle and not work.
- **17V-821** · Transmission · column shifter: On column-shift trucks the transmission can shift out of Park without the brake or key.
- **17V-302** · Air bags · roll rate sensor: Curtain air bags and pretensioners may be switched off after off-road driving or debris strikes.
- **16V-167** · Steering · electric power assist: On trucks built January 22 to September 13, 2015, power steering assist can be lost.
- **15V-460** · Air bags · side impact sensors: On trucks built before January 26, 2015, air bags and pretensioners may deploy unexpectedly.

A model-year list, not a VIN check. The full report lists the others. Repairs are free at a Ram dealer if open. Check this VIN at nhtsa.gov/recalls.

Step 0 · Free: run the VIN at nhtsa.gov/recalls and ask a Ram dealer for a campaign printout. Read the build month (MM/YY) on the driver's door-jamb label.

Recommended now at the next service — $140

Inspection: check now, while it's cheaper to fix — $140

inspection EXAMPLE

Lifters and camshaft (the "Hemi tick"): Inside the range (82,000–136,000 mi, the middle half of 147 owner reports) · if it fails: $2,500–$7,000

Known weak point for this engine, not a finding on your car. The inspection shows whether yours has early signs.

Next 12 months up to about 137,000 mi

Nothing scheduled here.

Within the next 30,000 miles up to 154,000 mi

Nothing else enters its reported range in this window.

Watch inspect at each service, fix on condition, or optional

Exhaust manifold bolts — $950

Any mileage (no reliable figure) · Inspect at each service; fix at the first sign

our price EXAMPLE

Cam timing (VVT) solenoid and phaser — $450

Any mileage (no reliable figure) · Inspect at each service; fix at the first sign

our price EXAMPLE

Recommended now

$140

Springfield Auto Care prices (example)

Planned through 154,000 mi

From $568

Now + next 12 months + next 30,000 miles, with the factory maintenance on this report if the records don’t show it done. Excludes “watch” and optional items.

Prices are Springfield Auto Care's estimates for typical parts and labor. They don't include tax, shop supplies or disposal fees, and may change after inspection or if part prices change. Not a written repair estimate: Springfield Auto Care confirms the price and gets your OK before any work.

Bundled jobs are priced together because the labor overlaps. Routine service (oil, brakes, tires) isn't included; factory fluid and spark plug intervals are listed below.

FACTORY MAINTENANCE

Scheduled maintenance from 124,000 mi to 154,000 mi

The maker's normal schedule for this car. Service history isn't known here, so an item is shown at its next interval mark; skip it if the records show it was done.

ITEM	INTERVAL	THIS CAR	OUR PRICE
Spark plugs Replace spark plugs every 100,000 mi (mileage only).	every 100,000 mi	**Was due at 100,000 mi (check records)** [M16] [M13][M14][M15]	**$249**
Engine coolant Flush and replace engine coolant at 10 years or 150,000 mi, whichever comes first.	every 150,000 mi or 10 years	**Due by age: 10-year limit passed (check records)** [M6][M7][M8][M10][M13][M14][M15]	**From $179**

M1. 2009 Dodge Durango Owner's Manual (Maintenance Schedules) OFFICIAL
https://vehicleinfo.mopar.com/assets/publications/en-us/Dodge/2009/Durango/761.pdf

M2. 2011 Jeep Grand Cherokee Owner's Manual (Maintenance Schedules) OFFICIAL
https://vehicleinfo.mopar.com/assets/publications/en-us/Jeep/2011/Grand_Cherokee/710.pdf

M3. 2011 Dodge Charger User Guide (Maintenance Schedule) OFFICIAL
https://vehicleinfo.mopar.com/assets/publications/en-us/Dodge/2011/Charger/881.pdf

M4. 2012 Dodge Durango User Guide (Maintenance Schedule) OFFICIAL
https://vehicleinfo.mopar.com/assets/publications/en-us/Dodge/2012/Durango/379.pdf

M5. 2012 Dodge Challenger User Guide (Maintenance Schedule) OFFICIAL
https://vehicleinfo.mopar.com/assets/publications/en-us/Dodge/2012/Challenger/376.pdf

M6. 2013 Ram 1500 User Guide (Maintenance Schedule) OFFICIAL
https://vehicleinfo.mopar.com/assets/publications/en-us/Ram/2013/1500/P130070_13_DSDJD2_UG_EN_USC_U10_V2.pdf

M7. 2014 Jeep Grand Cherokee Owner's Manual (Maintenance Schedule) OFFICIAL
https://vehicleinfo.mopar.com/assets/publications/en-us/Jeep/2014/Grand_Cherokee/275.pdf

M8. 2014 Chrysler 300 Owner's Manual (Maintenance Schedule) OFFICIAL
https://vehicleinfo.mopar.com/assets/publications/en-us/Chrysler/2014/300/191.pdf

M9. 2018 Jeep Grand Cherokee Owner's Manual (Maintenance Schedule) OFFICIAL
https://vehicleinfo.mopar.com/assets/publications/en-us/Jeep/2018/Grand_Cherokee/P123794_18_WK_OM_EN_USC_t_DIGITAL.pdf

M10. 2021 Dodge Challenger Owner's Manual (Maintenance Schedule) OFFICIAL
https://vehicleinfo.mopar.com/assets/publications/en-us/Dodge/2021/Challenger/P135574_21_LA_OM_EN_USC_DIGITAL.pdf

M11. 2022 Jeep Grand Cherokee WK Owner's Manual (Maintenance Schedule) OFFICIAL
https://vehicleinfo.mopar.com/assets/publications/en-us/Jeep/2022/Grand_Cherokee_WK/P135509_22_WK_OM_EN_USC_DIGITAL.pdf

M12. 2022 Jeep Grand Cherokee L Owner's Manual (Maintenance Schedule) OFFICIAL
https://vehicleinfo.mopar.com/assets/publications/en-us/Jeep/2022/Grand_Cherokee_L/5617643_22_WL_OM_EN_USC_DIGITAL_E5.pdf

M13. 2018 Ram 1500 Owner's Manual (Maintenance Schedule) OFFICIAL
https://vehicleinfo.mopar.com/assets/publications/en-us/Ram/2018/1500/P127381_18_DSDJD2_OM_EN_USC_DIGITAL.pdf

M14. 2020 Ram 1500 Owner's Manual (Maintenance Schedule) OFFICIAL
https://vehicleinfo.mopar.com/assets/publications/en-us/Ram/2020/1500_DT/5633292_20_DT_OM_EN_USC_DIGITAL_E5.pdf

M15. 2023 Ram 1500 Owner's Manual (Maintenance Schedule) OFFICIAL
https://vehicleinfo.mopar.com/assets/publications/en-us/Ram/2023/1500_DT/5690659_23_DT_OM_EN_USC_DIGITAL_E6.pdf

M16. 2016 Ram 1500/2500/3500 Owner's Manual (Maintenance Schedules) OFFICIAL
https://vehicleinfo.mopar.com/assets/publications/en-us/Ram/2016/1500/P127415_16_DSDJD2_OM_EN_USC_DIGITAL.pdf

WHERE 124K SITS FOR EACH WEAK POINT

#	WEAK POINT	REPORTED RANGE	THIS CAR
1	Lifters and camshaft (the "Hemi tick")	82,000–136,000 mi (middle half of 147 owner complaints that name a lifter or the camshaft and state a mileage) COMPUTED FROM NHTSA DATA	Inside the range
2	Exhaust manifold bolts	Any mileage; no reliable figure FORUM/BLOG	Any mileage
3	Cam timing (VVT) solenoid and phaser	Any mileage; no reliable figure FORUM/BLOG	Any mileage

Colors compare mileage with reported failures, not the car's condition. Red: past the range. Amber: inside or approaching. Green: below, or not listed for a recall.

2 · RECALLS AND BULLETINS

Recalls to check for this 2015 Ram 1500

Safety recall repairs are free at Ram dealers. Nothing here can tell whether a recall is open or already done on this VIN; only the official VIN lookup or a dealer can.

Official VIN check (2 minutes)

1. Go to nhtsa.gov/recalls and enter 1C6RR7LT9FS123456.
2. Note every recall shown as “Recall incomplete” and keep a screenshot.
3. Ask a Ram dealer for a campaign printout; it also lists completed campaigns.

5.7L HEMI RECALLS WE TRACK

NHTSA lists no engine-specific recall campaign for the 5.7L Hemi as of 2026-10-27. Recalls on the rest of the car are in the model-year list below.

EVERY RECALL NHTSA LISTS FOR THE 2015 RAM 1500 (10)

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
21V-632	Air bags · curtain inflator	A side curtain inflator end cap can detach or the inflator can rupture. Details
18V-486	Tailgate	On trucks with a power locking tailgate, it can open while driving. Details
18V-332	Electrical · wiring	Cruise control may not disengage, so the truck can hold or increase speed. Details
17V-824	Equipment · fire extinguisher	A Kidde extinguisher, if fitted, may clog or lose its nozzle and not work. Details
17V-821	Transmission · column shifter	On column-shift trucks the transmission can shift out of Park without the brake or key. Details
17V-302	Air bags · roll rate sensor	Curtain air bags and pretensioners may be switched off after off-road driving or debris strikes. Details
16V-167	Steering · electric power assist	On trucks built January 22 to September 13, 2015, power steering assist can be lost. Details
15V-460	Air bags · side impact sensors	On trucks built before January 26, 2015, air bags and pretensioners may deploy unexpectedly. Details
15V-661	Rear axle shaft	On trucks built June 17 to September 28, 2015, a rear axle shaft may fracture and a wheel can separate. Details
15V-461	Radio software	Radio software flaws can allow remote access to vehicle systems. Details

Source: NHTSA recalls API, fetched 2026-10-27 and combined across NHTSA model names: 1500. Safety categories (air bags, fire, brakes, stalling, roll-away and loss of control) are listed first; listings whose NHTSA text names another engine, or an aftermarket part, go last. OFFICIAL

Left out of this list (1500): Left out of this 5.7L Crew Cab sample: five 3.0L EcoDiesel recalls (20V-475, 19V-757, 15V-517, 22V-406, 23V-411), 15V-534 (Quad Cab only), 19V-347 (8-ft bed) and 16E-041 (aftermarket seat covers). A VIN check would show them if they

applied.

SERVICE ACTIONS, BULLETINS AND WARRANTY PROGRAMS

CAMPAIGN	WHAT IT SAYS	THIS CAR
No engine recall found	We found no recall or warranty extension for 5.7L Hemi lifters or camshafts in NHTSA's records for the 2015 Ram 1500. OFFICIAL [1]	Owner's cost

4 · THE 3 WEAK POINTS

Each weak point, one card each

Every figure carries its source. Retailer part numbers are shown only when the retailer lists them for this chassis (DS).

1 Lifters and camshaft (the "Hemi tick")

Inside the range

Severity: Critical: rare, but can badly damage the engine · 218 mentions in counted NHTSA complaints COMPUTED FROM NHTSA DATA

At 124,000 mi this car is inside the reported range (82,000–136,000 mi (middle half of 147 owner complaints that name a lifter or the camshaft and state a mileage)), 42,000 miles past where reports start. Range: 82,000–136,000 mi (middle half of 147 owner complaints that name a lifter or the camshaft and state a mileage) COMPUTED FROM NHTSA DATA [3]



Half of the 147 lifter and camshaft complaints to NHTSA on these engines that state a mileage came before about 107,000 miles.

WHAT FAILS FORUM/BLOG [2]

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.

SYMPTOMS

- Tick at idle that follows engine speed
- Misfire codes
- Rough idle
- Metal in the oil filter

IF IT'S LEFT TOO LONG

A wiped camshaft means a large repair, and debris can damage the rest of the engine.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Ask for a misfire-counter check and filter inspection at each service; act on a persistent tick right away.

ESTIMATED REPAIR COST

Listen and scan at a service visit	**Our price is in the plan above** ask us for a written quote
Lifter and camshaft repair (reported range)	**$2,500–$7,000** FORUM/BLOG [2] reported range for the bill after a failure

PARTS FOR DS

- Ask your parts supplier for the OE part number for this VIN.

QUESTIONS TO ASK US

- Any tick or misfire codes? Lifters or cam ever replaced?

2 Exhaust manifold bolts

Any mileage

Severity: Medium: leaks and wear · 104 mentions in counted NHTSA complaints COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (Any mileage; no reliable figure), so mileage doesn't say much here. Range: Any mileage; no reliable figure FORUM/BLOG [2]

WHAT FAILS FORUM/BLOG [2]

The bolts holding the exhaust manifolds to the heads, often at cylinders 7 and 8, break and let the manifold leak.

SYMPTOMS

- Sharp tick at a cold start that fades as the engine warms
- Exhaust smell
- Soot at the manifold flange

IF IT'S LEFT TOO LONG

The leak gets louder, can upset oxygen-sensor readings, and more bolts break over time.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Fix when it ticks; it is often mistaken for the lifter tick.

ESTIMATED REPAIR COST

Bolt extraction and gasket (reported range)	**Our price is in the plan above** ask us for a written quote
Same range	**$400–$1,500** FORUM/BLOG [2] reported range for the bill after a failure

Where the numbers come from: Au7o lists several overlapping ranges for this job, from $100–$700 to $500–$1,800; we show the entry for cylinders 7 and 8.

PARTS FOR DS

- Ask your parts supplier for the OE part number for this VIN.

QUESTIONS TO ASK US

- Any cold-start tick that fades?

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3 Cam timing (VVT) solenoid and phaser

Any mileage

Severity: Medium: leaks and wear · 6 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (Any mileage; no reliable figure), so mileage doesn't say much here. Range: Any mileage; no reliable figure FORUM/BLOG [2]

WHAT FAILS FORUM/BLOG [2]

A clogged VVT solenoid or worn cam phaser lets cam timing over-advance.

SYMPTOMS

- Rough idle
- Hesitation
- P0011

IF IT'S LEFT TOO LONG

Poor running and economy; a worn phaser needs a timing-cover job.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Fix when it sets codes; a solenoid is cheap, a phaser is not.

ESTIMATED REPAIR COST

Solenoid up to phaser replacement (reported range)	**Our price is in the plan above** ask us for a written quote
Same range	**$150–$3,200** FORUM/BLOG [2] reported range for the bill after a failure

PARTS FOR DS

- Ask your parts supplier for the OE part number for this VIN.

QUESTIONS TO ASK US

- Any cam timing codes?

5 · ALSO REPORTED, NOT RANKED

Other themes in 5.7L Hemi owner complaints

Every NHTSA complaint theme with 10 or more counted reports is either a weak point above or explained here.

THEME	COMPLAINTS	WHY IT ISN'T A WEAK POINT

How this report is built

Inputs. VIN, model year, model, mileage and build month (if entered). Model and engine are checked with NHTSA's vPIC decoder.

Mileage positions. Below: more than 10,000 miles before the reported range. Approaching: within 10,000. Inside: in the range, or past the start of an open-ended range. Past: beyond the top of the range. These bands are our rules, not an industry standard.

The plan. Critical items inside or past their range go first; high-severity items follow, and jobs that share labor are bundled. At most three jobs land in “Recommended now”. Leaks that are cheap to watch are fixed on condition; inspections are asked for at each service.

Costs. Published independent-shop ranges from shop quotes, retailer prices and owner reports. Shop prices come from the issuing shop. The worst-case cost of every item failing is not shown: it isn't an expected cost.

Labels. `OFFICIAL` NHTSA/Stellantis documents · `SHOP/RETAILER` parts prices and shop articles · `FORUM/BLOG` owner forums and blogs · `COMPUTED FROM NHTSA DATA` our analysis of NHTSA data · `OUR ESTIMATE` ours.

NHTSA complaint data. Pulled Oct 28, 2026 from NHTSA's complaints API for Ram 1500, gas Ram 2500/3500, Grand Cherokee, Commander, Wagoneer, Durango, Aspen, Charger, Challenger and 300 complaints (2009 on) that mention the 5.7L, or the Hemi without naming the 6.4L, SRT, supercharged or diesel engines. Complaints that name no engine are left out, so counts under-count: 592 complaints. Some of these nameplates were sold with other engines too; for those we kept only complaints whose text names this engine, which under-counts. Themes are keyword matches on the complaint text. `COMPUTED FROM NHTSA DATA`

THEME	COMPLAINTS	IN THIS REPORT
Lifters / camshaft / tick	218	Item 1
Exhaust manifold bolts	104	Item 2
Cam timing	6	Item 3

Limits: complaints are self-reported and not adjusted for cars sold; keyword matching over- and under-counts; owners rarely file safety complaints about oil seeps, so leaks look rarer than they are.

SOURCES

1. NHTSA recall list for the 2015 Ram 1500 (18 recalls; none for 5.7L lifters), checked Oct 27, 2026 `OFFICIAL`
https://www.nhtsa.gov/recalls

2. Au7o known issues: Ram 1500 2015 (reported cost ranges; AI-assisted site, not independently verified) `FORUM/BLOG`
https://au7o.io/known-issues/ram-1500?year=2015

3. NHTSA complaint flat file (complaints received through Oct 31, 2026), VIN prefixes decoded with vPIC and matched to this engine with the report matcher; complaints that name a lifter or the camshaft (not the exhaust manifold), read Nov 2, 2026 `OFFICIAL`
https://static.nhtsa.gov/odi/ffdd/cmpl/

This report contains no affiliate links; retailer prices are quoted as price sources only. Found an error? Email hello@repairahead.com.

PLEASE READ

Important

Based on public records and published repair costs. Not a diagnosis or a guarantee. Your technician's inspection decides what your car needs. Confirm recalls with a dealer using your VIN.

Informational only. This report is not a mechanical inspection, a diagnosis, or professional, legal or financial advice. It was issued by Springfield Auto Care using RepairAhead data; the inspection findings and prices are the shop's.

Reported ranges and estimates, not predictions

Failure mileages are reported ranges compiled from public owner complaints, manufacturer bulletins, recalls and repair-shop reports. Costs are estimates. Parts can fail earlier, later or not at all, and other problems can occur. Statistics from owner complaints describe past reports to NHTSA; NHTSA has not reviewed or endorsed this analysis.

Safety issues go to a dealer

If you notice overheating, a burning or fuel smell, smoke, a brake-assist problem, stalling or loss of power, pull over when it's safe and contact a Ram dealer or qualified shop. Safety recall repairs are free at Ram dealers. Confirm recalls for this VIN at nhtsa.gov/recalls.

No warranty

Provided “as is”, without warranties of any kind, under the Terms of Use at repairahead.com/terms.

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