2022 Rivian R1T at 45,000 mi

7FCTGAAA6NN123456

MODEL / CHASSIS	DRIVETRAIN	MILEAGE	DRIVETRAIN
R1T · 2022 R1T Adventure quad-motor pickup	Rivian R1 electric drive: R1T pickup and R1S SUV (dual- and quad-motor)	45,000 mi	AWD
BUILD MONTH	**REPORT DATE**	**MODE**	**PREPARED FOR**
Not entered (door jamb)	October 28, 2026	Owner	Sample Owner

VIN check: check digit valid; model-year code 'N' = 2022, 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: a qualified technician decides what the car actually needs.

0
jobs recommended now

1
to plan in the next 30,000 miles · plus 1 factory maintenance item

3
to watch or check at each service

Safety recalls NHTSA lists for this model year (9 of 12)

- **26V-009** · Seat belts · second-row retractor bolts: Second-row seat belt retractor bolts may be loose, so the belt may not restrain a passenger properly in a crash. Rivian inspects and tightens them.
- **26V-003** · Suspension · rear toe link bolts (after service): Only vehicles that had rear toe link service before March 10, 2025: the toe link may have been reassembled incorrectly and can separate, risking loss of control. Rivian replaces the bolts.
- **25V-370** · Seat belts · front D-ring anchor bolts: Front seat belt D-ring bolts may not be installed properly, so the belt may not restrain an occupant in a crash. Rivian inspects and secures them.
- **24V-408** · Air bags · pillar trim clips (after service): Only vehicles where service damaged the B- or C-pillar trim clips: the side curtain air bag may not deploy properly. Rivian replaces the trim panels.
- **23V-883** · Accelerator pedal · release detection: The pedal may not detect release, so auto-hold or park may not engage and the truck can roll. Free software update and new pedal.
- **23V-109** · Air bags · front passenger seat belt sensor: A faulty seat belt sensor can wrongly turn off or deploy the front passenger air bag. Free repair.
- **22V-744** · Suspension · front upper control arm to knuckle fastener: A loose steering knuckle fastener can separate and cause a loss of control. Rivian inspects and tightens it.
- **22V-641** · Seat belts · front anchors at B-pillar: Front seat belt anchors may not be attached properly, so the belt may not restrain an occupant in a crash. Rivian inspects and secures them.
- **22V-319** · Air bags · passenger occupant classification: The system may not turn off the passenger air bag with a child or child seat in the front seat. Free repair.

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

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

Recommended now at the next service

Nothing scheduled here.

Next 12 months up to about 57,000 mi — $250–$480

12V battery failure and low-voltage events — **$250–$480**

Any mileage (2023–2024 owner notice; 2025 bracket campaign; owners report repeat failures on 2022–2024 trucks)

independent shop, installed

Within the next 30,000 miles up to 75,000 mi

Nothing else enters its reported range in this window.

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

High-voltage battery faults (cells, seals, connectors, distribution box)
Any mileage (Build-range campaigns on 2022–2025 R1T / R1S; recall 25V-537 on some 2025 trucks and SUVs) · Ask for this check at every service

`Free if covered` check the VIN

Drive unit leaks and halfshaft bolts, 2022
Any mileage (2022 R1T and R1S in the campaign build ranges) · Ask for this check at every service

`Free if covered` check the VIN

Charging faults (onboard charger, cold-weather Level 2, slow fast charging)
Any mileage (2022–2023 (onboard charger), 2023 R1T (refrigerant overfill), 2025 (cold-weather Level 2)) · Inspect at each service; fix at the first sign

`Free if covered` check the VIN

Recommended now

No repairs due now

Independent shop, installed. Dealers often charge more.

Planned through 75,000 mi

$250–$480

Now + next 12 months + next 30,000 miles. Excludes factory maintenance (listed separately), “watch” and optional items.

Costs are published independent-shop ranges (low end + low end, high end + high end). Bundled jobs are priced together because the labor overlaps. Routine service (tires, brakes, cabin filter) isn't included; factory fluid intervals are listed below.

FACTORY MAINTENANCE

Scheduled maintenance from 45,000 mi to 75,000 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
Brake fluid Replace brake fluid every 3 years regardless of mileage.	every 3 years	**By time: check the records** [M1]
Coolant Rivian lists coolant replacement at 108,000 mi (earlier published schedules said 112,500 mi).	every 108,000 mi	Next at 108,000 mi [M1]

M1. Rivian Support: What is the maintenance schedule for R1 vehicles? `OFFICIAL`
https://rivian.com/support/article/what-is-the-maintenance-schedule-for-r1-vehicles

WHERE 45K SITS FOR EACH WEAK POINT

#	WEAK POINT	REPORTED RANGE	THIS CAR
1	High-voltage battery faults (cells, seals, connectors, distribution box)	Build-range campaigns on 2022–2025 R1T / R1S; recall 25V-537 on some 2025 trucks and SUVs OFFICIAL	Any mileage
2	12V battery failure and low-voltage events	2023–2024 owner notice; 2025 bracket campaign; owners report repeat failures on 2022–2024 trucks OFFICIAL	Any mileage
3	Drive unit leaks and halfshaft bolts, 2022	2022 R1T and R1S in the campaign build ranges OFFICIAL	Any mileage
4	Charging faults (onboard charger, cold-weather Level 2, slow fast charging)	2022–2023 (onboard charger), 2023 R1T (refrigerant overfill), 2025 (cold-weather Level 2) OFFICIAL	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 2022 Rivian R1T

Safety recall repairs are free at Rivian service centers. 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 7FCTGAAA6NN123456.
2. Note every recall shown as “Recall incomplete” and keep a screenshot.
3. Ask a Rivian service center for a campaign printout; it also lists completed campaigns.

R1T / R1S EV RECALLS WE TRACK

25V-537 · Poor ground inside the High Voltage Distribution Box can cut drive power (2025 R1S / R1T)

Not listed for MY2022

Rivian inspects and repairs the ground strap joint or replaces the HV battery pack, free of charge. OFFICIAL [2]

EVERY RECALL NHTSA LISTS FOR THE 2022 RIVIAN R1T (12)

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
26V-009	Seat belts · second-row retractor bolts	Second-row seat belt retractor bolts may be loose, so the belt may not restrain a passenger properly in a crash. Rivian inspects and tightens them. Details
26V-003	Suspension · rear toe link bolts (after service)	Only vehicles that had rear toe link service before March 10, 2025: the toe link may have been reassembled incorrectly and can separate, risking loss of control. Rivian replaces the bolts. Details
25V-370	Seat belts · front D-ring anchor bolts	Front seat belt D-ring bolts may not be installed properly, so the belt may not restrain an occupant in a crash. Rivian inspects and secures them. Details
24V-408	Air bags · pillar trim clips (after service)	Only vehicles where service damaged the B- or C-pillar trim clips: the side curtain air bag may not deploy properly. Rivian replaces the trim panels. Details
23V-883	Accelerator pedal · release detection	The pedal may not detect release, so auto-hold or park may not engage and the truck can roll. Free software update and new pedal. Details
23V-109	Air bags · front passenger seat belt sensor	A faulty seat belt sensor can wrongly turn off or deploy the front passenger air bag. Free repair. Details
22V-744	Suspension · front upper control arm to knuckle fastener	A loose steering knuckle fastener can separate and cause a loss of control. Rivian inspects and tightens it. Details
22V-641	Seat belts · front anchors at B-pillar	Front seat belt anchors may not be attached properly, so the belt may not restrain an occupant in a crash. Rivian inspects and secures them. Details
22V-319	Air bags · passenger occupant classification	The system may not turn off the passenger air bag with a child or child seat in the front seat. Free repair. Details

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
26V-597	Rearview camera · software	A notification can cover the rearview camera image in reverse, reducing the view behind the vehicle. Free over-the-air update. Details
24V-458	Labels · tire placard load capacity	The tire placard shows the wrong maximum load, so the truck could be overloaded. Rivian replaces the label. Details
23V-783	Defroster · HVAC software	A software update may have disabled the defroster and defogger controls, reducing visibility. Free over-the-air update. Details

Source: NHTSA recalls API, fetched 2026-10-28 and combined across NHTSA model names: R1T. 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

SERVICE ACTIONS, BULLETINS AND WARRANTY PROGRAMS

Manufacturer bulletins and warranty programs for this drivetrain are cited on each weak point in section 4, where they apply.

4 · THE 4 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 (R1T).

1 High-voltage battery faults (cells, seals, connectors, distribution box)

Any mileage

Severity: Critical: rare, but can badly damage the battery or drive unit · 11 mentions in counted NHTSA complaints COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (Build-range campaigns on 2022–2025 R1T / R1S; recall 25V-537 on some 2025 trucks and SUVs), so mileage doesn't say much here. Range: Build-range campaigns on 2022–2025 R1T / R1S; recall 25V-537 on some 2025 trucks and SUVs OFFICIAL [2][3][4][5][6]

WHAT FAILS SHOP/RETAILER [2][3][4][5][6][15]

Rivian has run several battery campaigns. Some 2023–2024 packs were built with suspect cells that can short; Rivian replaces the pack. Some 2022 packs got sealant on the seams so moisture cannot get in, and 2022–2024 trucks and SUVs get sealant on the HV battery connectors against corrosion. Some 2025 R1S packs had a bad weld in a voltage/temperature circuit and are replaced. On some 2025 vehicles a poor ground inside the High Voltage Distribution Box can cut drive power (recall 25V-537).

SYMPTOMS

- Reduced performance or Limited Performance Mode
- High-voltage battery fault message
- Sudden loss of drive power
- Vehicle will not power up

IF IT'S LEFT TOO LONG

A battery fault can strand the vehicle or cut drive power in traffic.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Ask Rivian service to list open campaigns (open containments) and recalls for the VIN. Battery work is Rivian-service only; the battery warranty is 8 years with 150,000 or 175,000 miles depending on the motor setup.

ESTIMATED REPAIR COST

Free under Rivian campaigns and recall 25V-537	**Free if covered** OFFICIAL [2][3][4][5][6] independent shop, installed
Pack replacement: no published price (Rivian service only)	**No published price** reported range for the bill after a failure
Dealer	**Often 1.5–2× the independent-shop price** OUR ESTIMATE

PARTS FOR R1T

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

WHAT TO ASK YOUR SHOP

- Any Limited Performance or battery fault messages?
- Battery pack ever replaced or resealed?
- Battery campaigns and recall 25V-537 done?

2 12V battery failure and low-voltage events

Any mileage

Severity: High: overheating, stalls, limp mode or a big bill · 12 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2023–2024 owner notice; 2025 bracket campaign; owners report repeat failures on 2022–2024 trucks), so mileage doesn't say much here. Range: 2023–2024 owner notice; 2025 bracket campaign; owners report repeat failures on 2022–2024 trucks OFFICIAL [7][8]

WHAT FAILS OFFICIAL [7][8][1]

The 12V battery keeps the vehicle awake and powers the doors and controls. Rivian contacted owners of some 2023–2024 vehicles to replace the 12V battery before it fails, and on some 2025 vehicles the battery brackets can damage the battery, so Rivian replaces both. Owners report 12V failures that left the truck unable to drive or limited its speed.

SYMPTOMS

- 12V Battery Warning on the display
- Vehicle will not power up or unlock
- Parking brake will not release
- Speed limited after a low-voltage event

IF IT'S LEFT TOO LONG

A dead 12V battery leaves the vehicle unusable and may need a tow.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Replace the 12V battery at the first warning, and ask Rivian whether a 12V campaign is open for the VIN.

ESTIMATED REPAIR COST

12V battery replacement at Rivian service (guide range and owner invoice)	**$250–$480** FORUM/BLOG [16][17] independent shop, installed
No published price for tows or repeat visits	**No published price** reported range for the bill after a failure
Dealer	**Often 1.5–2× the independent-shop price** OUR ESTIMATE

Where the numbers come from: Early: guide range for an out-of-warranty 12V battery at a Rivian service center [16] and one owner invoice of $478.99 [17]; Rivian often covers it under warranty or a campaign.

PARTS FOR R1T

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

WHAT TO ASK YOUR SHOP

- When was the 12V battery last replaced?
- Any 12V warnings or no-start events?

3 Drive unit leaks and halfshaft bolts, 2022

Any mileage

Severity: High: overheating, stalls, limp mode or a big bill · 12 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2022 R1T and R1S in the campaign build ranges), so mileage doesn't say much here. Range: 2022 R1T and R1S in the campaign build ranges OFFICIAL [9][10][11]

WHAT FAILS OFFICIAL [9][10][11]

On some 2022 vehicles, fastener threads damaged a drive unit plug O-ring so fluid can leak; over time that can shorten the drive unit life. Rivian fits new plugs or, if too much fluid has been lost, a new drive unit. Some 2022

ESTIMATED REPAIR COST

Free under Rivian campaigns	**Free if covered** OFFICIAL [9][10][11] independent shop, installed

drive units also had housing bolts that were not fully torqued, and some halfshaft bolts can lose torque and make noise.

SYMPTOMS

- Drive unit fluid spots under the vehicle
- Noise or vibration from a drive unit
- Clunk or click from a wheel center
- Reduced performance warning

IF IT'S LEFT TOO LONG

A drive unit that runs low on fluid can fail and put the vehicle in reduced performance mode.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Check the VIN for the three 2022 drive unit campaigns; all are free at Rivian service.

Drive unit replacement: no published price	**No published price** reported range for the bill after a failure
Dealer	**Often 1.5–2× the independent-shop price** OUR ESTIMATE

PARTS FOR R1T

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

WHAT TO ASK YOUR SHOP

- Drive unit plug, housing bolt and halfshaft campaigns done?
- Any drive unit noise or fluid leaks?

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4 Charging faults (onboard charger, cold-weather Level 2, slow fast charging)

Any mileage

Severity: Medium: leaks and wear · 3 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2022–2023 (onboard charger), 2023 R1T (refrigerant overfill), 2025 (cold-weather Level 2)), so mileage doesn't say much here. Range: 2022–2023 (onboard charger), 2023 R1T (refrigerant overfill), 2025 (cold-weather Level 2) OFFICIAL [12][13][14]

WHAT FAILS OFFICIAL [12][13][14]

Some 2022–2023 vehicles got an onboard charger with a faulty part, so they cannot charge on AC at all (DC fast charging still works); Rivian replaces the charger. Some 2025 vehicles cannot AC charge in cold weather until an over-the-air update is installed. Some 2023 R1Ts were overfilled with refrigerant, which can reduce battery cooling and slow Level 3 charging.

SYMPTOMS

- Will not charge at home or on Level 2 chargers
- Charging stops in cold weather
- Slow DC fast charging
- Poor air conditioning

IF IT'S LEFT TOO LONG

The vehicle cannot be charged on the affected charger type.

ESTIMATED REPAIR COST

Free under Rivian campaigns	**Free if covered** OFFICIAL [12][14] independent shop, installed
Onboard charger replacement: no published price	**No published price** reported range for the bill after a failure
Dealer	**Often 1.5–2× the independent-shop price** OUR ESTIMATE

PARTS FOR R1T

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

IS IT WORTH DOING EARLY? OUR ESTIMATE

Check the VIN for the onboard charger and refrigerant campaigns and install the latest software.

WHAT TO ASK YOUR SHOP

- Does AC (home / Level 2) charging work?
- Software up to date?

5 · ALSO REPORTED, NOT RANKED

Other themes in R1T / R1S EV 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
Air bags / seat belts	72	Air-bag and seat-belt recalls (22V-319, 23V-109, 23V-159, 24V-408, 25V-370, 26V-009); not part of the electric drive.
Suspension / steering	69	Suspension and steering complaints (recalls 22V-744 upper control arm fastener, 26V-003 suspension fasteners after service); not part of the electric drive.
Heat pump / thermal system	11	Owners report heat-pump compressor failures and thermal-system faults; recall 23V-783 (2022–2023 defrost software) is the only official item we found. Not counted as a drivetrain weak point.
Loss of power while driving	10	Mixed causes: battery faults, 12V events and drive units (listed above), plus thermal-system faults.

6 · BUYING OR SELLING

Used-car checklist and resale helper

For owners this is a resale checklist: it's what a careful buyer will ask.

Ask the inspecting shop to check

- Open recalls and Rivian campaigns for the VIN
- 12V battery warnings and replacement date
- Drive unit fluid leaks (2022)
- Level 2 charging test

Ask the seller

- Battery or drive unit ever replaced?
- Any Limited Performance or 12V events?
- Which motor setup (battery warranty mileage differs)?

Documents to request

- Dealer service-history printout for the VIN (recalls, campaigns and battery work)
- nhtsa.gov/recalls screenshot

WHAT A BUYER MAY DEDUCT

FINDING	ESTIMATED ADJUSTMENT
High-voltage battery faults (cells, seals, connectors, distribution box): fault found on inspection	No published price
12V battery failure and low-voltage events: original, no replacement invoice	$250–$480
Drive unit leaks and halfshaft bolts, 2022: fault found on inspection	No published price
Charging faults (onboard charger, cold-weather Level 2, slow fast charging): symptoms or fault codes present	Free if covered
Pre-ticked rows (●), if no records clear them	**None at this mileage**

● = expected at this mileage. Estimated repair costs, not an appraisal. Recalls cost the seller nothing: ask for open recalls to be completed rather than discounted. OUR ESTIMATE

How this report is built

Inputs. VIN, model year, model, mileage and build month (if entered). Model and drivetrain 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. The worst-case cost of every item failing is not shown: it isn't an expected cost.

Labels. `OFFICIAL` NHTSA/Rivian 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 27, 2026 from NHTSA's complaints API for All complaints for the R1T and R1S in the years shown (commercial EDV vans left out): 285 complaints. We pooled every complaint NHTSA files under these model names and years; where a nameplate also came with another engine or powertrain, a few complaints may be about it. Themes are keyword matches on the complaint text. `COMPUTED FROM NHTSA DATA`

THEME	COMPLAINTS	IN THIS REPORT
Air bags / seat belts	72	Also reported
Suspension / steering	69	Also reported
12V battery	12	Item 2
Drive unit / motor / halfshaft	12	Item 3
High-voltage battery / fault / fire	11	Item 1
Heat pump / thermal system	11	Also reported
Loss of power while driving	10	Also reported
Charging	3	Item 4

Limits: complaints are self-reported and not adjusted for cars sold; keyword matching over- and under-counts; owners rarely file safety complaints about slow-building faults such as coolant seeps or noises, so those look rarer than they are.

SOURCES

1. NHTSA owner complaints for 2022–2025 Rivian R1T and R1S, pulled Oct 27, 2026 (ODI numbers in the cost notes) `OFFICIAL`
https://www.nhtsa.gov/report-a-safety-problem#complaints

2. NHTSA recall records: 25V-537 (2025 R1S / R1T: improperly grounded connection inside the High Voltage Distribution Box can cause a loss of drive power), checked Oct 27, 2026 `OFFICIAL`
https://www.nhtsa.gov/recalls?nhtsaId=25V537000

3. Rivian Customer Satisfaction Campaign RCA-30-24-001-1: Replace HV battery due to suspect cells (cell can short; reduced performance safe-state mode), 2023–2024 R1T / R1S built Dec 2022–Sept 2023 (2024-03-14), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2024/MC-10252657-0001.pdf

4. Rivian Customer Satisfaction Campaign RCA-30-22-001-1: Apply sealant to HV battery seams (moisture can enter and cause a loss of HV isolation), 2022 R1T built Dec 2021–Feb 2022 (2022-12-12), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2022/MC-10228717-0001.pdf

5. Rivian Customer Satisfaction Campaign RCA-30-25-001-1: Apply sealant to HV battery connectors (corrosion in some climates can cause reduced performance mode), 2022–2024 R1T / R1S built Aug 2021–Dec 2023 (2025-11-20), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2025/MC-11026108-0001.pdf

6. Rivian Customer Satisfaction Campaign RCA-30-24-002-1: Replace HV battery (substandard weld in a battery voltage/temperature circuit connection; Limited Performance Mode), 2025 R1S built May–June 2024 (2024-09-06), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2024/MC-11008363-0001.pdf

7. Rivian Customer Satisfaction Campaign RCA-78-25-004-1: Replace 12V battery and upper and lower brackets (brackets can damage the 12V battery; 12V Battery Warning or no power-up), 2025 R1T / R1S built Aug–Sept 2024 (2025-05-13), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2025/MC-11019104-0001.pdf

8. Rivian Owner notice "12V Follow Up SMS": Service appointment needed for the 12V battery to prevent a 12-volt failure that can leave the vehicle unable to be accessed or driven, 2023–2024 R1T / R1S (2025-02-21), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2025/MC-11015122-0001.pdf

9. Rivian Customer Satisfaction Campaign RCA-38-23-003-5: Replace drive unit plugs (damaged plug O-ring can leak drive unit fluid and shorten drive unit life; drive unit replaced if too much fluid lost), 2022 R1T / R1S (2026-03-04), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2026/MC-11030926-0001.pdf

10. Rivian Customer Satisfaction Campaign RCA-38-23-001-2: Inadequate halfshaft spline press fit (halfshaft bolt can lose torque; noise, bolt and center cap can separate): new bolts and washers, 2022 R1T / R1S built Aug 2021–May 2022 (2023-07-19), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2023/MC-10240309-0001.pdf

11. Rivian Customer Satisfaction Campaign RCA-38-22-002-1: Retorque front and rear drive unit housing fasteners (noise, vibration, oil leak, shorter drive unit life), 2022 R1T (2022-06-08), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2022/MC-10215461-0001.pdf

12. Rivian Customer Satisfaction Campaign RCA-34-23-002-1: Replace onboard charger that cannot charge on AC (DC fast charging still works), 2022–2023 R1T / R1S built Dec 2022–Mar 2023 (2023-05-31), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2023/MC-10237165-0001.pdf

13. Rivian Owner email "Cold weather home charging performance": Some R1 vehicles cannot AC charge at home or on Level 2 chargers in cold weather; fix by over-the-air update, precondition the battery meanwhile, 2025 R1T / R1S (2025-12-10), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2026/MC-11027567-0001.pdf

14. Rivian Customer Satisfaction Campaign RCA-26-23-002-1: Overfilled refrigerant system: poor A/C and, in some cases, reduced HV battery cooling and slower Level 3 charging; evacuate and recharge, 2023 R1T (2023-10-11), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2023/MC-10244700-0001.pdf

15. InsideEVs: Rivian limits warranty for Dual-Motor R1T and R1S (battery 8 years/150,000 miles on Dual-Motor; drivetrain 8 years/175,000 miles; Quad-Motor battery 8 years/175,000 miles) SHOP/RETAILER
https://insideevs.com/news/679350/rivian-limits-dual-motor-warranty/

16. Recharged: Rivian R1T 12V battery replacement (about $250–$450 at a Rivian service center, $300–$500 by mobile service, out of warranty; via search extract Oct 28, 2026) FORUM/BLOG
https://web.archive.org/web/20260517124326/https://recharged.com/articles/rivian-r1t-12v-battery-replacement/

17. Rivian Forums: 12V battery replacement again after 1.5 years (owner paid $478.99 total: $292.80 battery, $218.50 labor; via search extract Oct 28, 2026) FORUM/BLOG
https://rivianforums.com/forum/threads/12v-battery-replacement-again-after-1-5-years-normal.58328/post-1051367

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. Nobody from RepairAhead has seen, driven or inspected this vehicle.

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 smell, smoke, a brake-assist problem, stalling or loss of power, pull over when it's safe and contact a Rivian service center or qualified shop. Safety recall repairs are free at Rivian service centers. Confirm recalls for this VIN at nhtsa.gov/recalls.

No warranty

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Wrong input (VIN, mileage, build date)? Email hello@repairahead.com with report ID RA-RIVIAN-123456-20261028 and we'll correct and reissue it.

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.