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

2015 Nissan Altima at 92,000 mi

1N4AL3AP1FC123456

MODEL / CHASSIS	ENGINE	MILEAGE	DRIVETRAIN
Altima · L33 Altima 2.5 S sedan	Nissan QR25DE 2.5L four	92,000 mi	FWD
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 3 factory maintenance items

2
to watch or check at each service

Safety recalls NHTSA lists for this model year (9)

- **20V-315** · Hood latch: The secondary hood latch can corrode and stay unlatched, so the hood could open while driving.
- **18V-915** · Rear doors · child lock: A rear door can open while the car is moving.
- **17V-040** · Rear doors · latch: A rear door can open while the car is moving.
- **16V-911** · Air bags · passenger occupant sensor: The passenger seat sensor can misclassify the occupant, so the air bag may deploy wrongly.
- **16V-244** · Air bags · passenger occupant sensor: The passenger front air bag may not deploy in a crash.
- **16V-029** · Hood latch: The hood could open while driving if the secondary latch does not engage.
- **15V-733** · Brakes · caliper bolts: Caliper bolts may not be tightened, so a caliper can detach and reduce braking.
- **15V-681** · Air bags · passenger occupant sensor: The passenger air bag can switch off with an adult in the seat.
- **15V-116** · Hood latch: The hood could open while driving if the secondary latch does not engage.

A model-year list, not a VIN check. Repairs are free at a Nissan dealer if open. Check this VIN at nhtsa.gov/recalls.

Step 0 · Free: run the VIN at nhtsa.gov/recalls and ask a Nissan 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

CVT (continuously variable transmission): Inside the range (60,000–100,000 mi, the middle half of 466 owner reports) · if it fails: $3,790–$5,000

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 104,500 mi

Nothing scheduled here.

Within the next 30,000 miles up to 122,000 mi

Nothing else enters its reported range in this window.

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

Cracked exhaust manifold, 2015–2017 Altima — $690

Any mileage (2015–2017 Altima 2.5L) · Inspect at each service; fix at the first sign

our price EXAMPLE

Oil cooler O-ring leak — $240

Any mileage (Altima, Sentra and Rogue with the QR25DE) · Inspect at each service; fix at the first sign

our price EXAMPLE

Recommended now

$140

Springfield Auto Care prices (example)

Planned through 122,000 mi

From $697

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 92,000 mi to 122,000 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 Iridium/platinum plugs; replace early if gap exceeds spec.	every 105,000 mi	**Due at 105,000 mi** [M1][M2][M3]	**$249**
Engine coolant First change at 105,000 mi or 84 months (factory blue coolant), then every 75,000 mi or 60 months.	first at 105,000 mi, then every 75,000 mi or 5 years	**Due by age: 7-year limit passed (check records)** [M1][M2][M3][M4]	**From $179**
Brake fluid Nissan sets brake fluid at 24 months; the mileage figure follows that model year's oil-service interval.	every 20,000 mi or 2 years	**Was due at 80,000 mi and by age (check records)** [M1][M2][M3]	**$129**
CVT fluid Nissan normal schedule says inspect only; replace every 60,000 mi only under severe use (towing, rough or muddy roads).	no fixed interval	— [M1][M2][M4]	—

M1. Nissan USA official maintenance schedule lookup: 2013 Altima (component pages, Standard Driving Conditions) OFFICIAL
https://maintenance-schedules.nissanusa.com/maintenance-schedules/2013/altima/components/engine-coolant/

M2. Nissan USA official maintenance schedule lookup: 2016 Rogue (component pages, Standard Driving Conditions) OFFICIAL
https://maintenance-schedules.nissanusa.com/maintenance-schedules/2016/rogue/components/engine-coolant/

M3. Nissan USA official maintenance schedule lookup: 2015 Frontier (component pages, Standard Driving Conditions) OFFICIAL
https://maintenance-schedules.nissanusa.com/maintenance-schedules/2015/frontier/components/engine-coolant/

M4. 2011 Nissan Service and Maintenance Guide (Nissan North America, Pub. MB1E 0ALLU0) OFFICIAL
https://archive.org/details/manualzilla-id-6037219

M5. 2009 Nissan Service and Maintenance Guide (Nissan North America, Pub. MB9E-0ALLU3) OFFICIAL
https://archive.org/details/manualsonline-id-da55dbac-c063-433d-9f2d-509baa711699

WHERE 92K SITS FOR EACH WEAK POINT

#	WEAK POINT	REPORTED RANGE	THIS CAR
1	CVT (continuously variable transmission)	60,000–100,000 mi (middle half of 466 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA	Inside the range
2	Cracked exhaust manifold, 2015–2017 Altima	2015–2017 Altima 2.5L OFFICIAL	Any mileage
3	Oil cooler O-ring leak	Altima, Sentra and Rogue with the QR25DE 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 2015 Nissan Altima

Safety recall repairs are free at Nissan 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 1N4AL3AP1FC123456.
2. Note every recall shown as “Recall incomplete” and keep a screenshot.
3. Ask a Nissan dealer for a campaign printout; it also lists completed campaigns.

2.5L QR25DE RECALLS WE TRACK

NHTSA lists no engine-specific recall campaign for the 2.5L QR25DE 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 NISSAN ALTIMA (9)

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
20V-315	Hood latch	The secondary hood latch can corrode and stay unlatched, so the hood could open while driving. Details
18V-915	Rear doors · child lock	A rear door can open while the car is moving. Details
17V-040	Rear doors · latch	A rear door can open while the car is moving. Details
16V-911	Air bags · passenger occupant sensor	The passenger seat sensor can misclassify the occupant, so the air bag may deploy wrongly. Details
16V-244	Air bags · passenger occupant sensor	The passenger front air bag may not deploy in a crash. Details
16V-029	Hood latch	The hood could open while driving if the secondary latch does not engage. Details
15V-733	Brakes · caliper bolts	Caliper bolts may not be tightened, so a caliper can detach and reduce braking. Details
15V-681	Air bags · passenger occupant sensor	The passenger air bag can switch off with an adult in the seat. Details
15V-116	Hood latch	The hood could open while driving if the secondary latch does not engage. Details

Source: NHTSA recalls API, fetched 2026-10-27 and combined across NHTSA model names: ALTIMA. 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 (ALTIMA): 15V-486 (fuel sending unit O-ring) covers V6 Altimas only and is left out of this 2.5L sample; a VIN check would show it if it applied.

SERVICE ACTIONS, BULLETINS AND WARRANTY PROGRAMS

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

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 (L33). Left out because they apply to other models, years, engine sizes or body codes: Front catalyst (P2423), 2010–2012 Altima (California emissions).

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1 CVT (continuously variable transmission)

Inside the range

Severity: High: overheating, stalls, limp mode or a big bill · 1448 mentions in counted NHTSA complaints COMPUTED FROM NHTSA DATA

At 92,000 mi this car is inside the reported range (60,000–100,000 mi (middle half of 466 owner complaints that state a mileage)), 32,000 miles past where reports start. Range: 60,000–100,000 mi (middle half of 466 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA [1]



Applies to: Most failures reported between about 60k and 120k; extensions covered 2013–2018 Altima

WHAT FAILS OFFICIAL [2][3]

The CVT that Nissan pairs with this engine is the most common big bill on these cars. Nissan extended CVT coverage to 7 years or 84,000 miles on many models after class actions; most of those windows have now ended.

SYMPTOMS

- Whine at highway speed
- Shudder or judder from a stop
- Slipping or "fail-safe" reduced speed
- Hesitation

IF IT'S LEFT TOO LONG

A failing CVT can leave the car in limp mode; replacement is the usual fix.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Change the CVT fluid on schedule and act on whine or shudder early; check the VIN for any open coverage first.

ESTIMATED REPAIR COST

CVT fluid change (routine price)	**Our price is in the plan above** ask us for a written quote
Owner-reported repair bills in NHTSA complaints (n=64)	**$3,790–$5,000** COMPUTED FROM NHTSA DATA [1] reported range for the bill after a failure

Where the numbers come from: Computed from 64 NHTSA owner complaints that quote a repair bill for this problem (middle half of the bills; median $4,040). Examples: ODI 11055076, 10545154, 11011143, 10927806. Owner-reported, often dealer prices; not shop quotes.

PARTS FOR L33

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

QUESTIONS TO ASK US

- CVT fluid ever changed?
- Any CVT repair or replacement?
- Whine, shudder or slipping?

2 Cracked exhaust manifold, 2015–2017 Altima

Any mileage

Severity: Medium: leaks and wear · 27 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2015–2017 Altima 2.5L), so mileage doesn't say much here. Range: 2015–2017 Altima 2.5L OFFICIAL [5]

WHAT FAILS OFFICIAL [5]

The exhaust manifold can crack, causing an exhaust leak. Nissan replaces the manifold.

SYMPTOMS

- Ticking or puffing noise from the engine at cold start
- Exhaust smell
- Check-engine light

IF IT'S LEFT TOO LONG

An exhaust leak upsets the oxygen sensors and can let fumes reach the cabin.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Replace the manifold when the leak is confirmed.

ESTIMATED REPAIR COST

No published price	**Our price is in the plan above** ask us for a written quote
No published bill	**No published price** reported range for the bill after a failure

PARTS FOR L33

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

QUESTIONS TO ASK US

- Any ticking at cold start?

3 Oil cooler O-ring leak

Any mileage

Severity: Medium: leaks and wear · 56 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (Altima, Sentra and Rogue with the QR25DE), so mileage doesn't say much here. Range: Altima, Sentra and Rogue with the QR25DE OFFICIAL [6]

WHAT FAILS OFFICIAL [6]

The oil cooler that sits behind the oil filter can leak at its O-ring. Nissan reseals it.

SYMPTOMS

- Oil around the oil filter area
- Oil drips under the front of the engine

IF IT'S LEFT TOO LONG

A growing leak lowers the oil level.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Reseal when it is wet; do it with an oil change.

ESTIMATED REPAIR COST

Labor only, 1.4 h Nissan warranty time	**Our price is in the plan above** ask us for a written quote
Labor only, 1.4 h Nissan warranty time	**$140–$220** OUR ESTIMATE [6][7] labor only, parts extra

Where the numbers come from: Estimate: Nissan warranty labor time of 1.4 h (bulletin [6]) × $100–$160/h independent-shop labor rate [7]. Parts are extra unless stated; check the VIN for open warranty coverage first.

PARTS FOR L33

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

QUESTIONS TO ASK US

- Any oil drips at the front?

5 · ALSO REPORTED, NOT RANKED

Other themes in 2.5L QR25DE 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
Stalling / loss of power	1,237	Mixed causes; many reports describe the CVT fail-safe (reduced speed) rather than an engine fault.

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/Nissan 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 2007–2018 Altima complaints that do not mention a V6 or hybrid, all 2008–2020 Rogue and Rogue Select complaints, 2005–2019 Frontier complaints that name the 2.5 or four-cylinder, and 2007–2012 Sentra complaints that name the 2.5, SE-R or Spec V (filtered nameplates under-count): 15,149 complaints. Some of these nameplates were sold with other engines too. For some we kept only complaints whose text names this engine (which under-counts); for others we left out complaints that name another engine or a hybrid (so a few about other engines can remain). Themes are keyword matches on the complaint text.

COMPUTED FROM NHTSA DATA

THEME	COMPLAINTS	IN THIS REPORT
CVT / transmission	1,448	Item 1
Stalling / loss of power	1,237	Also reported
Catalyst / P0420 / P2423	56	Other years or engine sizes
Oil leak	56	Item 3
Exhaust leak / manifold	27	Item 2

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 owner complaints for 2007–2018 Altima (2.5L four), 2008–2020 Rogue / Rogue Select, 2005–2019 Frontier 2.5 and 2007–2012 Sentra SE-R / Spec V, pulled Oct 27–28, 2026 (ODI numbers in the cost notes) OFFICIAL
https://www.nhtsa.gov/report-a-safety-problem#complaints

2. Nissan CVT Warranty Extension (May 11, 2020): 2012–2017 Versa, 2013–2017 Sentra, 2013–2016 Altima, 2013–2017 Juke: CVT coverage extended to 84 months/84,000 miles (2020-05-11), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2020/MC-10176204-0001.pdf

3. Nissan CVT Warranty Extension Rev1 (Nov 2, 2023): 2017–2018 Altima, 2018–2019 Sentra and Versa: CVT coverage extended to 84 months/84,000 miles (2023-11-02), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2023/MC-10246457-0001.pdf

4. Nissan NTB20-020: 2010–2012 Altima: MIL on with DTC P2423 (front exhaust tube with catalyst, extended warranty) (2020-03-26), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2020/MC-10173559-0001.pdf

5. Nissan NTB19-006: 2015–2017 Altima with 4-cyl engine: exhaust leak from cracked exhaust manifold (2019-01-22), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2019/MC-10153031-9999.pdf

6. Nissan NTB11-015b: Altima, Sentra and Rogue with QR25DE: oil leak at the oil cooler (O-ring gasket) (2013-02-01), filed with NHTSA
OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2013/MC-10192120-9999.pdf

7. Tekmetric: average auto repair labor rates by state, 2026
SHOP/RETAILER
https://tours.tekmetric.com/answers/average-auto-repair-labor-rates-by-state-2026

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 Nissan dealer or qualified shop. Safety recall repairs are free at Nissan dealers. Confirm recalls for this VIN at nhtsa.gov/recalls.

No warranty

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