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

2014 Toyota 4Runner at 110,000 mi

JTEBU5JR2E5123456

MODEL / CHASSIS	ENGINE	MILEAGE	DRIVETRAIN
4Runner · N280 4Runner SR5 4WD (4.0L V6)	Toyota 1GR-FE 4.0L V6	110,000 mi	4WD
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 'E' = 2014, 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
job 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 (3)

- **20V-012** · Fuel system · low-pressure fuel pump: The fuel pump in the tank can fail, so the engine can stall while driving.
- **19V-741** · Air bags · frontal inflator (earlier replacement): A replacement inflator fitted under an earlier recall can explode over time and throw metal fragments.
- **19V-005** · Air bags · passenger frontal inflator: The inflator can explode in a crash and throw metal fragments.

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

Step 0 · Free: run the VIN at nhtsa.gov/recalls and ask a Toyota dealer for a campaign printout, including 20V-012. Read the build month (MM/YY) on the driver's door-jamb label.

Recommended now at the next service

Low-pressure fuel pump (Denso) failure — Free if open

Recall 20V-012 is listed for this model year. Check the VIN; the repair is free at a Toyota dealer if it is open.

Next 12 months up to about 122,000 mi

Nothing scheduled here.

Within the next 30,000 miles up to 140,000 mi

Nothing else enters its reported range in this window.

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

Water pump leak **$900**

Any mileage (Toyota has a leak-inspection bulletin for 2008–2025 models) · Inspect at each service; fix at the first sign

our price EXAMPLE

Oil seep at the timing cover / cylinder head joint **Ask us for a quote**

Any mileage (2003–2007 4Runner and 2007 FJ Cruiser in the bulletin; owners report it on high-mileage engines too) · Inspect at each service; fix at the first sign

Recommended now

Free recall check

Springfield Auto Care prices (example)

Planned through 140,000 mi

From $428

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 110,000 mi to 140,000 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 Dual VVT-i 1GR-FE (2010 on in 4Runner, FJ Cruiser, Tundra): iridium plugs every 120,000 mi.	every 120,000 mi	**Due at 120,000 mi** [M5][M6][M7][M8]	**$249**
Engine coolant Toyota Super Long Life Coolant: first change at 100,000 mi or 10 years, then every 50,000 mi or 5 years.	first at 100,000 mi, then every 50,000 mi or 5 years	**Was due at 100,000 mi and by age (check records)** [M3][M2][M8]	**From $179**
Automatic transmission fluid No change on the normal schedule (inspect only); Toyota lists a 60,000-mi replacement only for towing, heavy loads or long idling/low-speed use.	no fixed interval	— [M3][M6][M8]	—

M1. 2008 Toyota Tacoma Scheduled Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-08Tacoma/pdf/T-MMS-08Tacoma.pdf

M2. 2011 Toyota Tacoma Warranty & Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-11Tacoma/pdf/T-MMS-11Tacoma.pdf

M3. 2008 Toyota FJ Cruiser Scheduled Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-08FJCruiser/pdf/T-MMS-08FJCruiser.pdf

M4. 2008 Toyota Tundra Scheduled Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-08Tundra/pdf/T-MMS-08Tundra.pdf

M5. 2011 Toyota FJ Cruiser Warranty & Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-11FJCruiser/pdf/T-MMS-11FJCruiser.pdf

M6. 2011 Toyota Tundra Warranty & Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-11Tundra/pdf/T-MMS-11Tundra.pdf

M7. 2011 Toyota 4Runner Warranty & Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-114Runner/pdf/T-MMS-114Runner.pdf

M8. 2023 Toyota 4Runner Warranty & Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-234Runner/pdf/T-MMS-234Runner.pdf

WHERE 110K SITS FOR EACH WEAK POINT

#	WEAK POINT	REPORTED RANGE	THIS CAR
1	Water pump leak	Any mileage; Toyota has a leak-inspection bulletin for 2008–2025 models OFFICIAL	Any mileage
2	Oil seep at the timing cover / cylinder head joint	2003–2007 4Runner and 2007 FJ Cruiser in the bulletin; owners report it on high-mileage engines too SHOP/RETAILER	Any mileage
3	Low-pressure fuel pump (Denso) failure	2014–2015 and 2018–2019 4Runner and 2014 FJ Cruiser covered by the recalls 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 2014 Toyota 4Runner

Safety recall repairs are free at Toyota 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 JTEBU5JR2E5123456.
2. Note every recall shown as “Recall incomplete” and keep a screenshot.
3. Ask a Toyota dealer for a campaign printout; it also lists completed campaigns.

4.0L 1GR-FE V6 RECALLS WE TRACK

20V-012 · Low-pressure fuel pump can fail (2014–2015 4Runner, 2014 FJ Cruiser, 2018–2019 4Runner)

NHTSA lists this model and year: check by VIN

The fuel pump can stop working and the engine can stall. Free pump replacement. OFFICIAL [8]

☐ VIN checked ☐ Open: booked with dealer ☐ Completed (printout kept)

20V-682 · Low-pressure fuel pump can fail (2018–2019 4Runner)

Not listed for MY2014

Expansion of the fuel pump recall. Free pump replacement. OFFICIAL [8]

Other 4.0L 1GR-FE V6 recalls we track, not listed by NHTSA for this model and year: 13V-557 (valve springs may break (2013–2014 Tacoma V6)).

EVERY RECALL NHTSA LISTS FOR THE 2014 TOYOTA 4RUNNER (3)

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
20V-012 4.0L 1GR-FE V6 tracked	Fuel system · low-pressure fuel pump	The fuel pump in the tank can fail, so the engine can stall while driving. Details
19V-741	Air bags · frontal inflator (earlier replacement)	A replacement inflator fitted under an earlier recall can explode over time and throw metal fragments. Details
19V-005	Air bags · passenger frontal inflator	The inflator can explode in a crash and throw metal fragments. Details

Source: NHTSA recalls API, fetched 2026-10-27 and combined across NHTSA model names: 4RUNNER. 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 (4RUNNER): Four Southeast Toyota distributor campaigns (17V-425 hood scoop, 16V-577 and 15V-515 exhaust tips, 14V-828 running boards and other accessories) cover only trucks the distributor fitted with accessories and are left out of this sample; a VIN check would show them if they 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 (N280). Left out because they apply to other models, years, engine sizes or body codes: Spark knock in hot weather (2012–2014 Tacoma).

1 Water pump leak

Any mileage

Severity: High: overheating, stalls, limp mode or a big bill · 16 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (Any mileage; Toyota has a leak-inspection bulletin for 2008–2025 models), so mileage doesn't say much here. Range: Any mileage; Toyota has a leak-inspection bulletin for 2008–2025 models OFFICIAL [2]

WHAT FAILS OFFICIAL [2]

The water pump can seep or leak coolant from its weep hole. Toyota tells technicians how to tell a normal seep from a real leak before replacing it.

SYMPTOMS

- Pink or white crust near the water pump
- Coolant level dropping
- Temperature gauge rising

IF IT'S LEFT TOO LONG

Low coolant can overheat the engine and damage the head gaskets.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Replace it at the first real leak.

ESTIMATED REPAIR COST

Water pump replacement, 2013 4Runner (KBB fair range, one ZIP)	**Our price is in the plan above** ask us for a written quote
Same job; overheating damage costs more	**$689–$1,142** SHOP/RETAILER [3] reported range for the bill after a failure

PARTS FOR N280

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

QUESTIONS TO ASK US

- Any coolant top-ups?
- Water pump ever replaced?

2 Oil seep at the timing cover / cylinder head joint

Any mileage

Severity: Medium: leaks and wear · 17 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2003–2007 4Runner and 2007 FJ Cruiser in the bulletin; owners report it on high-mileage engines too), so mileage doesn't say much here. Range: 2003–2007 4Runner and 2007 FJ Cruiser in the bulletin; owners report it on high-mileage engines too SHOP/RETAILER [4]

WHAT FAILS FORUM/BLOG [4][5]

Oil can seep where the bank 1 cylinder head, block and timing cover meet. Toyota's fix is to dye-test the leak, then

ESTIMATED REPAIR COST

remove the timing cover and reseal it.

SYMPTOMS

- Oil film at the front corner of the engine
- Oil drips on the skid plate

IF IT'S LEFT TOO LONG

A slow leak; it lowers the oil level and makes a mess but rarely strands the truck.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Watch it; reseal when it drips, ideally with other front-of-engine work.

No published price	**Our price is in the plan above** ask us for a written quote
One owner-reported dealer quote for the reseal	**$2,400** FORUM/BLOG [5] reported range for the bill after a failure

PARTS FOR N280

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

QUESTIONS TO ASK US

- Any oil drips at the front?

---

3 Low-pressure fuel pump (Denso) failure

Any mileage

Severity: High: overheating, stalls, limp mode or a big bill · 34 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2014–2015 and 2018–2019 4Runner and 2014 FJ Cruiser covered by the recalls), so mileage doesn't say much here. Range: 2014–2015 and 2018–2019 4Runner and 2014 FJ Cruiser covered by the recalls OFFICIAL [8][7]

Applies to: 2014–2015 and 2018–2019 4Runner and 2014 FJ Cruiser in the recall ranges (NHTSA 20V-012 / 20V-682); the 4.0L Tacoma and Tundra are not in them

WHAT FAILS OFFICIAL [8][7]

The in-tank low-pressure fuel pump made by Denso can stop working. The engine runs rough, will not start, or stalls while driving. Toyota recalled the pumps (20V-012, 20V-682) and a later customer support program covers pumps on those vehicles until July 15, 2036 or 150,000 miles.

SYMPTOMS

- Check-engine light
- Rough running
- Engine stalls while driving
- No start

IF IT'S LEFT TOO LONG

A stall at speed is a crash risk.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Check the VIN for recall 20V-012 / 20V-682 and the support program; it is free at a dealer.

ESTIMATED REPAIR COST

Free under recall	**Free if covered** OFFICIAL [8] published independent-shop range
Free under the support program until July 15, 2036 / 150,000 mi	**Free if covered** OFFICIAL [7] reported range for the bill after a failure

PARTS FOR N280

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

QUESTIONS TO ASK US

- Fuel pump recall done?
- Any stalling or hard starts?

5 · ALSO REPORTED, NOT RANKED

Other themes in 4.0L 1GR-FE V6 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
Frame rust	1,720	Tacoma frame-corrosion complaints (Toyota frame programs); not an engine fault.
Stalling / loss of power	163	Mixed causes; some are the recalled low-pressure fuel pump.

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/Toyota 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 4Runner 2003–2024 complaints that do not mention a V8; Tacoma 2005–2015 and Tundra 2005–2014 complaints that mention the V6 / 4.0L; all FJ Cruiser complaints: 4,732 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
Frame rust	1,720	Also reported
Spark knock / pinging	233	Other years or engine sizes
Stalling / loss of power	163	Also reported
Fuel pump / stalling	34	Item 3
Oil leak	17	Item 2
Water pump / coolant loss	16	Item 1

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 2005–2015 Tacoma (V6 mentions), 2003–2024 4Runner (not V8), 2007–2014 FJ Cruiser and 2005–2014 Tundra (4.0L mentions), pulled Oct 27, 2026 (ODI numbers in the cost notes) OFFICIAL
https://www.nhtsa.gov/report-a-safety-problem#complaints

2. Toyota T-SB-0103-20 Rev1: Water pump leak inspection and diagnostic tips, 2008–2025 Toyota (2024-06-19), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2024/MC-11005061-0001.pdf

3. Kelley Blue Book: 2013 Toyota 4Runner water pump replacement, fair repair range (ZIP-specific), via search extract Oct 27, 2026 SHOP/RETAILER
https://www.kbb.com/toyota/4runner/2013/water-pump-replacement

4. Engine Builder Magazine: Front timing cover oil leak reported on Toyota 1GR-FE engine (reprint of Toyota bulletin) SHOP/RETAILER
https://www.enginebuildermag.com/2011/08/front-timing-cover-oil-leak-reported-on-toyota-1gr-fe-engine/

5. TacomaWorld forum: 1GR-FE timing cover / head junction oil leak FORUM/BLOG
https://www.tacomaworld.com/posts/18432534

6. Toyota T-SB-0044-14 Rev1: Spark knock noise, 2012–2014 Tacoma 1GR-FE (ECM reprogram) (2014-10-14), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2014/MC-10109402-9999.pdf

7. Toyota Customer Support Program 23TE04: Denso low-pressure fuel pump class settlement: coverage until July 15, 2036 / 150,000 miles on vehicles from recalls 20TA02, 21TA03, 21TA05 (2023-02-09), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2023/MC-10235217-9999.pdf

8. NHTSA recall records: 20V-012 and 20V-682 (low-pressure fuel pump), checked Oct 27, 2026 OFFICIAL
https://www.nhtsa.gov/recalls?nhtsaId=20V012000

9. NHTSA recall records: 13V-557 (2013–2014 Tacoma valve springs), checked Oct 27, 2026 OFFICIAL
https://www.nhtsa.gov/recalls?nhtsaId=13V557000

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

No warranty

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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.