2018 Toyota Tundra at 90,000 mi

5TFDW5F11JX123456

MODEL / CHASSIS	ENGINE	MILEAGE	DRIVETRAIN
Tundra · XK50 Tundra CrewMax 4WD (5.7L V8, flex-fuel)	Toyota UR / UZ V8 (3UR-FE 5.7L, 1UR-FE / 1UR-FSE 4.6L, 2UZ-FE 4.7L)	90,000 mi	4WD
BUILD MONTH	**REPORT DATE**	**MODE**	**PREPARED FOR**
Not entered (door jamb)	October 27, 2026	Owner	Sample Owner

VIN check: check digit valid; model-year code 'J' = 2018, 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.

2
jobs recommended now

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

1
to watch or check at each service

Safety recalls NHTSA lists for this model year (4 of 8)

- **20V-012** · Fuel system · low-pressure fuel pump: The fuel pump in the tank can fail, so the engine can stall while driving.
- **21V-920** · Steering · power steering gear: A badly made steering gear can leak fluid and suddenly lose power assist.
- **21V-688** · Headlights · wiring: High and low beams can be powered at once and overheat a connector, a fire risk.
- **18V-685** · Air bags · control unit software: The air bag control unit can wrongly find a fault at start-up, so the air bags may not deploy in a crash.

A model-year list, not a VIN check. The full report lists the others. 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

$100–$160

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

$100–$160

about 1 h of shop labor, our estimate

Water pump leak: Past the range (25,000–60,000 mi, the middle half of 11 owner reports) · if it fails: $1,075–$1,197

Secondary air injection pump and switching valves: Inside the range (58,000–100,000 mi, the middle half of 43 owner reports) · if it fails: $2,309–$3,644

Known weak points for this engine, not findings on your car. The inspection shows whether yours has early signs.

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 102,000 mi

Nothing scheduled here.

Within the next 30,000 miles up to 120,000 mi

Nothing else enters its reported range in this window.

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

Hard start and lean codes on flex-fuel 5.7L (3UR-FBE)

$220–$350

labor only, parts extra

Any mileage (2009–2018 Sequoia and 2009–2019 Tundra with the flex-fuel 3UR-FBE) · Inspect at each service; fix at the first sign

Recommended now

$100–$160

Independent shop, installed. Dealers often charge more.

Planned through 120,000 mi

$100–$160

No other repairs on the list before 120,000 mi. 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 (oil, brakes, tires) isn't included; factory fluid and spark plug intervals are listed below.

FACTORY MAINTENANCE

Scheduled maintenance from 90,000 mi to 120,000 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
Spark plugs	every 120,000 mi	**Due at 120,000 mi** [M1][M2][M3][M4][M5][M6][M7][M8][M9][M10]
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	**Due at 100,000 mi** [M1][M3][M5][M9][M12]
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][M10]

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

M2. 2016 Toyota Tundra Warranty & Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-16Tundra/pdf/T-MMS-16Tundra.pdf

M3. 2021 Toyota Tundra Warranty & Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-21Tundra/pdf/T-MMS-21Tundra.pdf

M4. 2011 Toyota Sequoia Warranty & Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-11Sequoia/pdf/T-MMS-11Sequoia.pdf

M5. 2022 Toyota Sequoia Warranty & Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-22Sequoia/pdf/T-MMS-22Sequoia.pdf

M6. 2008 Toyota Land Cruiser Scheduled Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-08LandCruiser/pdf/T-MMS-08LandCruiser.pdf

M7. 2021 Toyota Land Cruiser Warranty & Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-21LandCruiser/pdf/T-MMS-21LandCruiser.pdf

M8. 2008 Lexus GX / LX / RX Warranty and Services Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/L-MMS-08LX570/pdf/L-MMS-08LX570.pdf

M9. 2011 Lexus GX 460 Warranty and Services Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/L-MMS-11GX460/pdf/L-MMS-11GX460.pdf

M10. 2021 Lexus LX 570 Warranty and Services Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/L-MMS-21LX570/pdf/L-MMS-21LX570.pdf

M11. 2008 Lexus ES / GS / IS / LS / SC Warranty and Services Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/L-MMS-08ES350/pdf/L-MMS-08ES350.pdf

M12. 2015 Lexus LS 460 Warranty and Services Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/L-MMS-15LS460/pdf/L-MMS-15LS460.pdf

WHERE 90K SITS FOR EACH WEAK POINT

#	WEAK POINT	REPORTED RANGE	THIS CAR
1	Secondary air injection pump and switching valves	58,000–100,000 mi (middle half of 43 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA	Inside the range
2	Water pump leak	25,000–60,000 mi (middle half of 11 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA	Past the range
3	Low-pressure fuel pump (Denso) failure	32,000–104,000 mi (middle half of 12 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA	Inside the range
4	Hard start and lean codes on flex-fuel 5.7L (3UR-FBE)	2009–2018 Sequoia and 2009–2019 Tundra with the flex-fuel 3UR-FBE 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 2018 Toyota Tundra

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 5TFDW5F11JX123456.
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.

5.7L 3UR-FE / 4.7L 2UZ-FE V8 RECALLS WE TRACK

20V-012 · Low-pressure fuel pump can fail (2018–2019 Tundra, Sequoia, Land Cruiser, LX 570, GX 460)

NHTSA lists this model and year: check by VIN

The fuel pump can stop working and the engine can stall. Free pump replacement. OFFICIAL [9]

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

20V-682 · Low-pressure fuel pump can fail (2019–2020 Tundra and Sequoia, 2018–2019 Land Cruiser and GX 460)

Not listed for MY2018

Expansion of the fuel pump recall. Free pump replacement. OFFICIAL [9]

Other 5.7L 3UR-FE / 4.7L 2UZ-FE V8 recalls we track, not listed by NHTSA for this model and year: 10V-309 (valve springs can break (2007–2008 LS 460, 2008 GS 460)), 14V-647 (fuel can leak at the fuel pressure sensor (2007–2010 LS 460, 2008–2011 GS 460)).

EVERY RECALL NHTSA LISTS FOR THE 2018 TOYOTA TUNDRA (8)

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
20V-012 5.7L 3UR-FE / 4.7L 2UZ-FE V8 tracked	Fuel system · low-pressure fuel pump	The fuel pump in the tank can fail, so the engine can stall while driving. Details
21V-920	Steering · power steering gear	A badly made steering gear can leak fluid and suddenly lose power assist. Details
21V-688	Headlights · wiring	High and low beams can be powered at once and overheat a connector, a fire risk. Details
18V-685	Air bags · control unit software	The air bag control unit can wrongly find a fault at start-up, so the air bags may not deploy in a crash. Details
20V-410	Turn signals (LED headlights)	On trucks with LED headlights the front turn signals may not flash brightly enough to be seen. Details
18V-711	Load capacity label	The load capacity label overstates the accessory weight by 10 lb; owners get a corrected label. Details

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
18V-122	Stability control · power supply	Electrical interference can switch off stability control. Details
17V-831	Load capacity label	The load capacity label may be wrong, which could lead to overloading. Details

Source: NHTSA recalls API, fetched 2026-10-27 and combined across NHTSA model names: TUNDRA. 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 (TUNDRA): 21E-103 is an equipment recall on replacement power steering gears sold as service parts, not on the truck as built, and is left out of this sample; 21V-920 covers the same fault on trucks.

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 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 (XK50).

1 Secondary air injection pump and switching valves

Inside the range

Severity: High: overheating, stalls, limp mode or a big bill · 269 mentions in counted NHTSA complaints COMPUTED FROM NHTSA DATA

At 90,000 mi this car is inside the reported range (58,000–100,000 mi (middle half of 43 owner complaints that state a mileage)), 32,000 miles past where reports start. Range: 58,000–100,000 mi (middle half of 43 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA [1]



Applies to: 2UZ-FE 4.7L trucks (2005–2009) and 3UR-FE 5.7L Tundra / Sequoia (2007 on)

WHAT FAILS OFFICIAL [2][3]

The secondary air injection pump and its switching valves blow air into the exhaust on cold starts. Water and moisture can get into them, and they fail, turning on the check-engine light.

SYMPTOMS

- Check-engine light with P2440–P2445 or P0418
- Loud whine or no pump noise at cold start

IF IT'S LEFT TOO LONG

Fails an emissions test until fixed.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Replace failed parts as a set; check whether any Toyota coverage applies to the VIN first.

ESTIMATED REPAIR COST

Labor only, 1.6–2.2 h Toyota warranty time plus the air pump	**$160–$350** OUR ESTIMATE [2][10] labor only, parts extra
Air pump replacement, 5.7L (shop/dealer range)	**$2,309–$3,644** SHOP/RETAILER [4] reported range for the bill after a failure
Dealer	**Often 1.5–2× the independent-shop price** OUR ESTIMATE

Where the numbers come from: Estimate: Toyota warranty labor time of 1.6–2.2 h (bulletin [2]) × $100–$160/h independent-shop labor rate [10]. Parts are extra unless stated; check the VIN for open warranty coverage first.

PARTS FOR XK50

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

WHAT TO ASK YOUR SHOP

- Any air-injection codes?
- Air pump or valves replaced?

2 Water pump leak

Past the range

Severity: High: overheating, stalls, limp mode or a big bill · 37 mentions in counted NHTSA complaints COMPUTED FROM NHTSA DATA

At 90,000 mi this car is past the reported range (25,000–60,000 mi (middle half of 11 owner complaints that state a mileage)). If the original parts are still fitted, have them checked and plan for them. Range: 25,000–60,000 mi (middle half of 11 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA [1]



Applies to: Any mileage; Toyota has a leak-inspection bulletin for 2008–2025 models

WHAT FAILS OFFICIAL [5]

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, 2012 Tundra (KBB fair range, one ZIP)	**$1,075–$1,197** SHOP/RETAILER [6] independent shop, installed
Same job; overheating damage costs more	**$1,075–$1,197** SHOP/RETAILER [6] reported range for the bill after a failure
Dealer	**Often 1.5–2× the independent-shop price** OUR ESTIMATE

1.0× The failure-bill midpoint ($1,136) is about 1.0× the early-fix midpoint ($1,136). A cost ratio, not a probability.

PARTS FOR XK50

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

WHAT TO ASK YOUR SHOP

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

3 Low-pressure fuel pump (Denso) failure

Inside the range

Severity: High: overheating, stalls, limp mode or a big bill · 87 mentions in counted NHTSA complaints COMPUTED FROM NHTSA DATA

At 90,000 mi this car is inside the reported range (32,000–104,000 mi (middle half of 12 owner complaints that state a mileage)), 58,000 miles past where reports start. Range: 32,000–104,000 mi (middle half of 12 owner complaints that state a mileage) COMPUTED FROM NHTSA DATA [1]



Applies to: 2018–2020 Tundra and Sequoia, 2014–2015 and 2018–2019 Land Cruiser, LX 570 and GX 460, and 2013–2015 LS 460 in the recall ranges (NHTSA 20V-012 / 20V-682)

WHAT FAILS OFFICIAL [9][8]

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 [9] independent shop, installed
Free under the support program until July 15, 2036 / 150,000 mi	**Free if covered** OFFICIAL [8] reported range for the bill after a failure
Dealer	**Often 1.5–2× the independent-shop price** OUR ESTIMATE

PARTS FOR XK50

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

WHAT TO ASK YOUR SHOP

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

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4 Hard start and lean codes on flex-fuel 5.7L (3UR-FBE)

Any mileage

Severity: Medium: leaks and wear · 8 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2009–2018 Sequoia and 2009–2019 Tundra with the flex-fuel 3UR-FBE), so mileage doesn't say much here. Range: 2009–2018 Sequoia and 2009–2019 Tundra with the flex-fuel 3UR-FBE OFFICIAL [7]

WHAT FAILS OFFICIAL [7]

Flex-fuel 5.7L trucks can crank a long time before starting or set lean/rich codes and P1604. Toyota reprograms the engine computer and replaces the fuel pump.

SYMPTOMS

- Long crank before starting
- Check-engine light with P0171 / P0174 / P1604

IF IT'S LEFT TOO LONG

Hard starts get worse; the light means a failed emissions test.

ESTIMATED REPAIR COST

Labor only, 2.2 h Toyota warranty time plus the fuel pump	**$220–$350** OUR ESTIMATE [7][10] labor only, parts extra
Labor only, 2.2 h Toyota warranty time plus the fuel pump	**$220–$350** OUR ESTIMATE [7][10] labor only, parts extra

IS IT WORTH DOING EARLY? OUR ESTIMATE

Ask a dealer if the bulletin was done; it falls under the federal emission warranty while covered.

Dealer	**Often 1.5–2× the independent-shop price** OUR ESTIMATE

1.0× The failure-bill midpoint ($285) is about 1.0× the early-fix midpoint ($285). A cost ratio, not a probability.

Where the numbers come from: Estimate: Toyota warranty labor time of 2.2 h (bulletin [7]) × $100–$160/h independent-shop labor rate [10]. Parts are extra unless stated; check the VIN for open warranty coverage first.

PARTS FOR XK50

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

WHAT TO ASK YOUR SHOP

- Any long cranking?

5 · ALSO REPORTED, NOT RANKED

Other themes in 5.7L 3UR-FE / 4.7L 2UZ-FE V8 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
Brakes / frame	4,997	Brake and frame-rust complaints on these trucks; not engine faults.
Stalling / loss of power	510	Mixed causes; includes the recalled low-pressure fuel pump.

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

- Cold-start air pump noise and codes
- Water pump weep hole
- Long crank on flex-fuel trucks

Ask the seller

- Air pump or valves replaced?
- Fuel pump recall done (2018–2020)?

Documents to request

- Dealer service-history printout for the VIN
- nhtsa.gov/recalls screenshot

WHAT A BUYER MAY DEDUCT

FINDING	ESTIMATED ADJUSTMENT
Secondary air injection pump and switching valves: symptoms or fault codes present	$160–$350 + parts
Water pump leak: seeping or leaking	$1,075–$1,197
Low-pressure fuel pump (Denso) failure: fault found on inspection	Free if covered
Hard start and lean codes on flex-fuel 5.7L (3UR-FBE): symptoms or fault codes present	$220–$350 + parts
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

7 · METHOD AND SOURCES

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. 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 28, 2026 from NHTSA's complaints API for Tundra 2000–2021 complaints that do not mention a V6, 2003–2009 4Runner complaints that name the V8 or 4.7L, all Sequoia, Land Cruiser, LX and GX complaints, all 2007–2017 LS 460 and 2010–2011 GS 460 complaints, and 2008–2010 GS 350/460 complaints that name the 460 or V8 and not the 350. Most 4Runner complaints do not name the engine, so the V8 4Runner count is small: 9,936 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
Brakes / frame	4,997	Also reported
Stalling / loss of power	510	Also reported
Air injection / check engine	269	Item 1
Fuel pump	87	Item 3
Water pump / coolant loss	37	Item 2
Hard start / lean codes	8	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 oil seeps, so leaks look rarer than they are.

SOURCES

1. NHTSA owner complaints for 2000–2021 Tundra (not V6), 2003–2009 4Runner V8, 2001–2022 Sequoia, 2000–2021 Land Cruiser, Lexus LX 470/570, GX 470/460, LS 460 and GS 460, pulled Oct 28, 2026 (ODI numbers in the cost notes) OFFICIAL
https://www.nhtsa.gov/report-a-safety-problem#complaints

2. Toyota T-SB-0230-12 Rev1: Air injection system MIL ON, 2UZ-FE 4.7L (2005–2009 4Runner, 2006–2007 Land Cruiser, 2005–2007 Sequoia, 2005–2006 Tundra) (2013-10-17), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2013/MC-10132097-9999.pdf

3. Toyota Warranty Policy Bulletin POL11-05 (ZTQ): Check-engine light from moisture/water in the air injection pumps and/or air switching valves (Tundra, Sequoia) (2016-05-17), filed with NHTSA OFFICIAL
https://www.nhtsa.gov/?nhtsaId=10096954

4. YourMechanic: Toyota Tundra air pump replacement estimates (5.7L shop/dealer range), via search extract Oct 27, 2026 SHOP/RETAILER
https://yourmechanic.com/estimates/toyota/tundra/air-pump-replacement

5. 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

6. Kelley Blue Book: 2012 Toyota Tundra Double Cab water pump replacement, fair repair range (ZIP-specific), via search extract Oct 27, 2026 SHOP/RETAILER
https://www.kbb.com/toyota/tundra-double-cab/2012/water-pump-replacement/

7. Toyota T-SB-0166-19 Rev1: Extended crank and/or MIL ON with P0171/P0174/P0172/P0175/P1604, 3UR-FBE flex-fuel (2009–2018 Sequoia, 2009–2019 Tundra) (2020-01-23), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2020/MC-10171454-9999.pdf

8. 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

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

10. Tekmetric: average auto repair labor rates by state, 2026 (national average $132/h; state averages $85–$197/h). We use $100–$160/h for labor-time estimates. SHOP/RETAILER
https://tours.tekmetric.com/answers/average-auto-repair-labor-rates-by-state-2026

11. NHTSA recall records: 10V-309 (valve springs, 2007–2008 LS 460 and 2008 GS 460) and 14V-647 (fuel pressure sensor seal, 2007–2010 LS and 2006–2011 GS), checked Oct 28, 2026 OFFICIAL
https://www.nhtsa.gov/recalls?nhtsaId=10V309000

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 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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Wrong input (VIN, mileage, build date)? Email hello@repairahead.com with report ID RA-TOYUR-123456-20261027 and we'll correct and reissue it.