# 2009 Toyota Yaris at 112,000 mi

JTDKT923495123456

| MODEL / CHASSIS | ENGINE | MILEAGE | DRIVETRAIN |
|---|---|---|---|
| Yaris · XP90 Yaris 1.5 5-door Liftback | Toyota NZ-family 1.5L four (1NZ-FE) | 112,000 mi | FWD |
| **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 '9' = 2009, 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

**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 (6 of 8)**

- **19V-741** · Air bags · passenger frontal inflator: The passenger air bag inflator can rupture in a crash and throw metal fragments at the occupants.
- **18V-024** · Air bags · passenger frontal inflator: The passenger air bag inflator can rupture in a crash and throw metal fragments at the occupants.
- **17V-006** · Air bags · passenger frontal inflator: The passenger air bag inflator can rupture in a crash and throw metal fragments at the occupants.
- **16V-340** · Air bags · passenger frontal inflator: The passenger air bag inflator can rupture in a crash and throw metal fragments at the occupants.
- **15V-689** · Electrical · power window master switch: Without enough grease, the driver power-window switch can short, overheat and melt, a fire risk.
- **14V-168** · Air bags · driver air bag spiral cable: The spiral cable in the steering column can be damaged, cutting the connection to the driver air bag so it may not deploy.

A model-year list, not a VIN check. The full report lists the others. Repairs are free at a Toyota dealer if open. On a car over 15 years old, ask the dealer whether a newer recall is still repaired free. 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. Read the build month (MM/YY) on the driver's door-jamb label.

## Recommended now at the next service

Good news: nothing on the 1.5L 1NZ-FE watch list is due at this mileage. Worth a fresh look at about 122,000 mi.

## Next 12 months up to about 124,000 mi

Nothing scheduled here.

## Within the next 30,000 miles up to 142,000 mi

Nothing else enters its reported range in this window.

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

**EVAP system faults (charcoal canister, leak-detection codes)** — **$471**
independent shop, installed

Any mileage (2006 Scion xA / xB and 2007–2011 Yaris most often) · Inspect at each service; fix at the first sign

**Drive belt squeal on cold start** — **$40–$60**
labor only, parts extra

Any mileage (2007–2015 Yaris built before the change) · Inspect at each service; fix at the first sign

Recommended now

### No repairs due now

Independent shop, installed. Dealers often charge more.

Planned through 142,000 mi

### No repairs planned

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 112,000 mi to 142,000 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] |
| **Engine coolant**<br>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)** [M1][M3] |
| **Automatic transmission fluid**<br>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] |


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

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

M3. 2018 Toyota Yaris Warranty & Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-18Yaris/pdf/T-MMS-18Yaris.pdf


## WHERE 112K SITS FOR EACH WEAK POINT

| # | WEAK POINT | REPORTED RANGE | THIS CAR |
|---|---|---|---|
| 1 | EVAP system faults (charcoal canister, leak-detection codes) | 2006 Scion xA / xB and 2007–2011 Yaris most often OFFICIAL | Any mileage |
| 2 | Drive belt squeal on cold start | 2007–2015 Yaris built before the change 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 2009 Toyota Yaris

Safety recall repairs are free at Toyota dealers. On a car over 15 years old, ask the dealer whether a newer recall is still repaired free. 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 JTDKT923495123456.
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.

### 1.5L 1NZ-FE RECALLS WE TRACK

Other 1.5L 1NZ-FE recalls we track, not listed by NHTSA for this model and year: 00V-256 (PCV moisture can freeze and cut brake assist (2000 Echo)).

### EVERY RECALL NHTSA LISTS FOR THE 2009 TOYOTA YARIS (8)

| RECALL | COMPONENT | WHAT CAN HAPPEN (NHTSA, SHORTENED) |
|---|---|---|
| **19V-741** | Air bags · passenger frontal inflator | The passenger air bag inflator can rupture in a crash and throw metal fragments at the occupants. Details |
| **18V-024** | Air bags · passenger frontal inflator | The passenger air bag inflator can rupture in a crash and throw metal fragments at the occupants. Details |
| **17V-006** | Air bags · passenger frontal inflator | The passenger air bag inflator can rupture in a crash and throw metal fragments at the occupants. Details |
| **16V-340** | Air bags · passenger frontal inflator | The passenger air bag inflator can rupture in a crash and throw metal fragments at the occupants. Details |
| **15V-689** | Electrical · power window master switch | Without enough grease, the driver power-window switch can short, overheat and melt, a fire risk. Details |
| **14V-168** | Air bags · driver air bag spiral cable | The spiral cable in the steering column can be damaged, cutting the connection to the driver air bag so it may not deploy. Details |
| **14V-169** | Seats · front seat rail springs | A seat-rail spring can break so the front seat may not lock in position. Details |
| **09V-223** | Labels · load-capacity label | A missing load-capacity label could lead a driver to overload the car. Details |

Source: NHTSA recalls API, fetched 2026-10-28 and combined across NHTSA model names: YARIS. 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 (YARIS): 10V-036 and 10V-035 (missing load-capacity labels) cover only cars sold through the Southeast Toyota and Gulf States Toyota distributors 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 2 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 (XP90). Left out because they apply to other models, years, engine sizes or body codes: Crankshaft position sensor (stall and no restart); Air-fuel imbalance code with low compression (2012–2016 Yaris); VVT-i check-engine light (P1349) on early Echos.

---

### 1 EVAP system faults (charcoal canister, leak-detection codes)

Any mileage

Severity: Medium: leaks and wear · 30 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2006 Scion xA / xB and 2007–2011 Yaris most often), so mileage doesn't say much here. Range: 2006 Scion xA / xB and 2007–2011 Yaris most often OFFICIAL [2]

#### WHAT FAILS OFFICIAL [2][1]

Toyota has a bulletin for 2007–2011 Yaris where debris gets into the evaporative (EVAP) control system and the check-engine light comes on with five stored codes. Many 2006 Scion xA and xB owners report the same group of codes (P043E, P043F, P2401, P2419) and charcoal canister replacement, sometimes more than once.

#### SYMPTOMS

- Check-engine light with EVAP codes (P043E, P043F, P2401, P2419, P0456)
- Fuel smell near the rear of the car

#### IF IT'S LEFT TOO LONG

Mostly an emissions failure; the car will not pass an inspection with the light on.

#### IS IT WORTH DOING EARLY? OUR ESTIMATE

Fix when the light is on and an emissions test is due; ask a dealer whether the canister was updated before.

#### ESTIMATED REPAIR COST

| | |
|---|---|
| Charcoal canister replacement, Scion xA (YourMechanic average) | **$471** SHOP/RETAILER [3] independent shop, installed |
| Owner-reported repair bills in NHTSA complaints (n=5) | **$600–$800** COMPUTED FROM NHTSA DATA [1] reported range for the bill after a failure |
| Dealer | **Often 1.5–2× the independent-shop price** OUR ESTIMATE |

**1.5×** The failure-bill midpoint ($700) is about 1.5× the early-fix midpoint ($471). A cost ratio, not a probability.

Where the numbers come from: Computed from 5 NHTSA owner complaints that quote a repair bill for this problem (middle half of the bills; median $600). Examples: ODI 10550421, 10451562, 10694017, 10442353. Owner-reported, often dealer prices; not shop quotes.

#### PARTS FOR XP90

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

#### WHAT TO ASK YOUR SHOP

- Any EVAP codes or canister replacements?

## 2 Drive belt squeal on cold start

Any mileage

Severity: Medium: leaks and wear · 5 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2007–2015 Yaris built before the change), so mileage doesn't say much here.

Range: 2007–2015 Yaris built before the change OFFICIAL [6]

### WHAT FAILS OFFICIAL [6]

Some Yaris engines squeal from the accessory drive belt on a cold start. Toyota changed the belt tension specification; the fix is to adjust the tension or replace the belt.

### SYMPTOMS

- Squeal from the engine bay at a cold start

### IF IT'S LEFT TOO LONG

A slipping belt can stop charging the battery or turning the water pump.

### IS IT WORTH DOING EARLY? OUR ESTIMATE

Have the belt tension set to the new spec and replace a glazed or cracked belt.

### ESTIMATED REPAIR COST

| | |
|---|---|
| Labor only, 0.4 h Toyota warranty time plus the V-belt | **$40–$60** OUR ESTIMATE [6][9] labor only, parts extra |
| Labor only, 0.4 h Toyota warranty time plus the V-belt | **$40–$60** OUR ESTIMATE [6][9] labor only, parts extra |
| Dealer | **Often 1.5–2× the independent-shop price** OUR ESTIMATE |

**1.0×** The failure-bill midpoint ($50) is about 1.0× the early-fix midpoint ($50). A cost ratio, not a probability.

Where the numbers come from: Estimate: Toyota warranty labor time of 0.4 h (bulletin [6]) × $100–$160/h independent-shop labor rate [9]. Parts are extra unless stated; check the VIN for open warranty coverage first.

### PARTS FOR XP90

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

### WHAT TO ASK YOUR SHOP

- Any squeal at cold start?

5 · ALSO REPORTED, NOT RANKED

## Other themes in 1.5L 1NZ-FE 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** | 544 | Air-bag recalls (Takata) and complaints; not an engine fault. |
| **Brakes** | 288 | Brake complaints; includes recall 00V-256 (frozen PCV moisture reducing brake assist, 2000 Echo). |
| **Stalling / loss of power** | 60 | Mixed causes; includes recall 06V-266 (crank sensor) on 2001–2002 Echos. |
| **Sudden acceleration** | 54 | Many complaints describe unintended acceleration; these were handled by Toyota pedal and floor-mat actions, not an engine wear item. |

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

- Check-engine codes (EVAP, P0335, P219A)
- Belt condition and squeal at cold start
- Open recalls on the VIN

## Ask the seller

- Recall 06V-266 done (Echo)?
- Any canister or EVAP repairs?

## Documents to request

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

WHAT A BUYER MAY DEDUCT

| FINDING | ESTIMATED ADJUSTMENT |
|---|---|
| EVAP system faults (charcoal canister, leak-detection codes): symptoms or fault codes present | $471 |
| Drive belt squeal on cold start: symptoms or fault codes present | $40–$60 + 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

# 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 27, 2026 from NHTSA's complaints API for All 2000–2005 Echo, 2004–2006 Scion xA and xB, and 2007–2015 Yaris / Yaris Liftback complaints, plus 2016–2018 Yaris complaints that do not mention the sedan or iA: 1,589 complaints. Some of these nameplates were sold with other engines too; for those we left out complaints whose text names another engine or a hybrid, so a few complaints about other engines can remain. Themes are keyword matches on the complaint text. COMPUTED FROM NHTSA DATA

| THEME | COMPLAINTS | IN THIS REPORT |
|---|---|---|
| Air bags | 544 | Also reported |
| Brakes | 288 | Also reported |
| Stalling / loss of power | 60 | Also reported |
| Sudden acceleration | 54 | Also reported |
| EVAP / charcoal canister codes | 30 | Item 1 |
| Belt squeal | 5 | Item 2 |
| Crank sensor / stall with no restart | 4 | Other years or engine sizes |

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 2000–2005 Echo, 2004–2006 Scion xA and xB, and 2007–2018 Yaris (hatchback / Liftback and the 2007–2014 Japan-built sedan), pulled Oct 27, 2026 (ODI numbers in the cost notes) OFFICIAL
https://www.nhtsa.gov/report-a-safety-problem#complaints

2. Toyota SB-0024-11: MIL on with five stored DTCs from debris in the evaporative (EVAP) control system, 2007–2011 Yaris (2011-03-29), filed with NHTSA OFFICIAL
https://www.nhtsa.gov/?nhtsaId=10037587

3. YourMechanic: Scion xA evaporative emission control canister replacement estimate (average $471: parts $376, labor $95), via search extract Oct 28, 2026 SHOP/RETAILER
https://www.yourmechanic.com/estimates/scion/xa/evaporative-emission-control-canister-replacement

4. NHTSA recall records: 06V-266 (crankshaft position sensor, 2001–2002 Echo) and 00V-256 (PCV moisture freezing at the brake vacuum port, 2000 Echo), checked Oct 27, 2026 OFFICIAL
https://www.nhtsa.gov/recalls?nhtsaId=06V266000

5. YourMechanic: Toyota Echo crankshaft position sensor replacement estimate (average $277; shop/dealer up to about $709), via search extract Oct 28, 2026 SHOP/RETAILER
https://www.yourmechanic.com/estimates/toyota/echo/crankshaft-position-sensor-replacement

6. Toyota T-SB-0012-15: Drive belt squeal noise on cold start: new V-belt tension spec, 2006–2015 Yaris (2015-03-19), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2015/MC-10134125-9999.pdf

7. Toyota Tech Tip T-TT-0411-16: MIL on with P219A and abnormal compression test results (engine serial before F071611), 2012–2016 Yaris (2016-08-18), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2016/MC-10111622-9999.pdf

8. Toyota 00903: MIL on with DTC P1349 (VVT-i malfunction), 2000–2002 Echo (2003-05-19), filed with NHTSA OFFICIAL
https://www.nhtsa.gov/?nhtsaId=10001995

9. 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

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

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

### Trademarks and independence

Not affiliated with Toyota Motor Corporation or Toyota Motor North America. Toyota and model names are trademarks of Toyota Motor Corporation, used only to identify vehicles.

Wrong input (VIN, mileage, build date)? Email hello@repairahead.com with report ID RA-1NZ-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.