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

2020 Toyota Corolla at 58,000 mi

5YFS4RCE5LP123456

MODEL / CHASSIS	ENGINE	MILEAGE	DRIVETRAIN
Corolla · E210 Corolla SE 2.0 sedan	Toyota Dynamic Force 2.0L four (M20A-FKS)	58,000 mi	FWD
BUILD MONTH	**REPORT DATE**	**MODE**	**PREPARED FOR**
Not entered (door jamb)	October 28, 2026	Shop	Sample Owner

VIN check: check digit valid; model-year code 'L' = 2020, 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.

0	0	4
jobs recommended now	to plan in the next 30,000 miles	to watch or check at each service

Safety recalls NHTSA lists for this model year (3)

- **20V-682** · Fuel system · in-tank fuel pump: The low-pressure fuel pump in the tank can fail, so the engine can stall while driving.
- **23V-865** · Air bags · passenger seat occupant sensor: A short circuit in the passenger seat occupant sensor can keep the front passenger air bag from deploying in a crash.
- **19V-877** · Seat belts · rear buckle / locking mechanism: A rear seat belt may not lock as intended, so it may not hold the occupant in a crash with multiple impacts.

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-682. Read the build month (MM/YY) on the driver's door-jamb label.

Recommended now at the next service

Good news: nothing on the 2.0L M20A-FKS watch list is due at this mileage. Worth a fresh look at about 68,000 mi.

Next 12 months up to about 70,000 mi

Nothing scheduled here.

Within the next 30,000 miles up to 88,000 mi

Nothing else enters its reported range in this window.

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

Coolant bypass valve (water valve) leak or fault **$350**
Any mileage (2019–2021 Corolla, Corolla Hatchback and UX 200 built before the change; program 24TE04 covers certain cars) · Inspect at each service; fix at the first sign
our price EXAMPLE

Misfire codes after a cold start (exhaust valve lash adjusters) **$520**
Any mileage (2019–2025 Corolla and 2022–2025 Corolla Cross, after a cold soak at 14–41°F) · Inspect at each service; fix at the first sign
our price EXAMPLE

Engine stops at low speed or does not restart (stop-start and engine software) **$60**
Any mileage (2020 Corolla (campaign 22TC07) and 2022–2023 Corolla Cross (T-SB-0020-23)) · Inspect at each service; fix at the first sign
our price EXAMPLE

Oil leak at the oil pan seam or oil level sensor **$310**
Any mileage (2021–2024 Corolla and 2022–2024 Corolla Cross built before the change) · Inspect at each service; fix at the first sign
our price EXAMPLE

Recommended now

Nothing due: good news

Springfield Auto Care prices (example)

Planned through 88,000 mi

Nothing due

Now + next 12 months + next 30,000 miles. 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 58,000 mi to 88,000 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	Next at 120,000 mi [M1] [M2][M3][M4][M5]
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	Next at 100,000 mi [M1] [M2][M4]
CVT fluid No change on the normal schedule (inspect only); Toyota lists a 60,000-mi replacement only for towing or severe use.	no fixed interval	— [M1][M2]

M1. 2020 Toyota Corolla Warranty & Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-20Corolla/pdf/T-MMS-20Corolla.pdf

M2. 2023 Toyota Corolla Warranty & Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-23Corolla/pdf/T-MMS-23Corolla.pdf

M3. 2023 Toyota Corolla Cross Warranty & Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-23CorollaCross/pdf/T-MMS-23CorollaCross.pdf

M4. 2019 Lexus UX 200 Warranty and Services Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/L-MMS-19UX200/pdf/L-MMS-19UX200.pdf

M5. 2024 Toyota Prius Warranty & Maintenance Guide OFFICIAL
https://assets.sia.toyota.com/publications/en/omms-s/T-MMS-24Prius/pdf/T-MMS-24Prius.pdf

WHERE 58K SITS FOR EACH WEAK POINT

#	WEAK POINT	REPORTED RANGE	THIS CAR
1	Coolant bypass valve (water valve) leak or fault	2019–2021 Corolla, Corolla Hatchback and UX 200 built before the change; program 24TE04 covers certain cars OFFICIAL	Any mileage
2	Misfire codes after a cold start (exhaust valve lash adjusters)	2019–2025 Corolla and 2022–2025 Corolla Cross, after a cold soak at 14–41°F OFFICIAL	Any mileage
3	Engine stops at low speed or does not restart (stop-start and engine software)	2020 Corolla (campaign 22TC07) and 2022–2023 Corolla Cross (T-SB-0020-23) OFFICIAL	Any mileage
4	Oil leak at the oil pan seam or oil level sensor	2021–2024 Corolla and 2022–2024 Corolla Cross 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 2020 Toyota Corolla

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 5YFS4RCE5LP123456.
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.

2.0L M20A-FKS RECALLS WE TRACK

20V-682 · Low-pressure fuel pump can fail, expansion (2019 Corolla Hatchback, 2020 Corolla, 2019 UX 200)

NHTSA lists this model and year: check by VIN

Expansion of 20V-012. The in-tank fuel pump may fail and stall the engine. Free improved fuel pump. OFFICIAL [10]

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

Other 2.0L M20A-FKS recalls we track, not listed by NHTSA for this model and year: 18V-901 (CVT torque converter blades can detach (2019 Corolla Hatchback)), 20V-012 (low-pressure fuel pump can fail (2019 Corolla and others)).

EVERY RECALL NHTSA LISTS FOR THE 2020 TOYOTA COROLLA (3)

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
20V-682 2.0L M20A-FKS tracked	Fuel system · in-tank fuel pump	The low-pressure fuel pump in the tank can fail, so the engine can stall while driving. Details
23V-865	Air bags · passenger seat occupant sensor	A short circuit in the passenger seat occupant sensor can keep the front passenger air bag from deploying in a crash. Details
19V-877	Seat belts · rear buckle / locking mechanism	A rear seat belt may not lock as intended, so it may not hold the occupant in a crash with multiple impacts. Details

Source: NHTSA recalls API, fetched 2026-10-28 and combined across NHTSA model names: COROLLA. 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 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 (E210). Left out because they apply to other models, years, engine sizes or body codes: Air-fuel imbalance code (intake manifold).

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1 Coolant bypass valve (water valve) leak or fault

Any mileage

Severity: Medium: leaks and wear · 25 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2019–2021 Corolla, Corolla Hatchback and UX 200 built before the change; program 24TE04 covers certain cars), so mileage doesn't say much here. Range: 2019–2021 Corolla, Corolla Hatchback and UX 200 built before the change; program 24TE04 covers certain cars OFFICIAL [2][3]

WHAT FAILS OFFICIAL [2][3]

The electric valve that routes coolant (Toyota calls it the flow shut-off valve or water valve) can leak coolant or fail. The dash shows "Engine Maintenance Required" and the engine computer stores P268111 or P268115. Toyota replaces the valve. Program 24TE04 covers certain 2020–2021 Corolla and 2019–2021 Corolla Hatchback cars for 10 years or 100,000 miles.

SYMPTOMS

- "Engine Maintenance Required – Visit Your Dealer" message
- Codes P268111 or P268115
- Small coolant drips or slow heater warm-up

IF IT'S LEFT TOO LONG

Coolant loss can lead to overheating; the warning will not go away until the valve is fixed.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Check the VIN for program 24TE04 first; outside it, replace the valve when the message and code appear.

ESTIMATED REPAIR COST

Labor only, 1.4 h Toyota warranty time plus the water valve	**Our price is in the plan above** ask us for a written quote
Labor only, 1.4 h Toyota warranty time plus the water valve	**$140–$220** OUR ESTIMATE [2][11] labor only, parts extra

Where the numbers come from: Estimate: Toyota warranty labor time of 1.4 h (bulletin [2]) × $100–$160/h independent-shop labor rate [11]. Parts are extra unless stated; check the VIN for open warranty coverage first.

PARTS FOR E210

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

QUESTIONS TO ASK US

- Any "Engine Maintenance Required" message?
- Was the water valve replaced under 24TE04?

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2 Misfire codes after a cold start (exhaust valve lash adjusters)

Any mileage

Severity: Medium: leaks and wear · 4 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2019–2025 Corolla and 2022–2025 Corolla Cross, after a cold soak at 14–41°F), so mileage doesn't say much here. Range: 2019–2025 Corolla and 2022–2025 Corolla Cross, after a cold soak at 14–41°F OFFICIAL [4]

WHAT FAILS OFFICIAL [4]

After the car sits in cold weather (engine coolant 14–41°F), the check-engine light can come on with random or single-cylinder misfire codes. Toyota replaces the exhaust-side valve lash adjusters under the powertrain warranty (5 years / 60,000 miles).

SYMPTOMS

- Check-engine light after a cold start
- Codes P030000, P030027 or single-cylinder misfire
- Rough running for a short time after start-up

IF IT'S LEFT TOO LONG

Repeated misfires can overheat the catalytic converter.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Fix under the powertrain warranty if the car is still inside 5 years / 60,000 miles.

ESTIMATED REPAIR COST

Labor only, 2.8–3 h Toyota warranty time plus the exhaust valve lash adjusters	**Our price is in the plan above** ask us for a written quote
Labor only, 2.8–3 h Toyota warranty time plus the exhaust valve lash adjusters	**$280–$480** OUR ESTIMATE [4][11] labor only, parts extra

Where the numbers come from: Estimate: Toyota warranty labor time of 2.8–3 h (bulletin [4]) × $100–$160/h independent-shop labor rate [11]. Parts are extra unless stated; check the VIN for open warranty coverage first.

PARTS FOR E210

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

QUESTIONS TO ASK US

- Any check-engine light on cold mornings?
- Lash adjuster bulletin work done?

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3 Engine stops at low speed or does not restart (stop-start and engine software)

Any mileage

Severity: High: overheating, stalls, limp mode or a big bill · 78 mentions in counted NHTSA complaints
COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2020 Corolla (campaign 22TC07) and 2022–2023 Corolla Cross (T-SB-0020-23)), so mileage doesn't say much here. Range: 2020 Corolla (campaign 22TC07) and 2022–2023 Corolla Cross (T-SB-0020-23) OFFICIAL [5][6]

WHAT FAILS OFFICIAL [5][6]

Toyota has two software fixes for engine stops: certain 2020 Corollas could stall at low speed when pulling away from a stop (free ECU update under campaign 22TC07), and some 2022–2023 Corolla Cross engines would not restart after an automatic stop while the wipers were on (PCM reprogram). Many owners of 2023–2024 cars

ESTIMATED REPAIR COST

Labor only, 0.4 h Toyota warranty time	**Our price is in the plan above** ask us for a written quote

describe the same "Engine Stopped, Steering Power Low" message at a stop.

SYMPTOMS

- "Engine Stopped / Steering Power Low" message at a stop
- Engine does not restart when the brake is released
- Stall when pulling away from a stop

IF IT'S LEFT TOO LONG

An engine that stops in traffic is a crash risk; steering assist drops while it is off.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Ask a Toyota dealer for the software updates; turn stop-start off until it is fixed.

Labor only, 0.4 h Toyota warranty time	**$40–$60** OUR ESTIMATE [5][11] labor only, parts extra

Where the numbers come from: Estimate: Toyota warranty labor time of 0.4 h (bulletin [5]) × $100–$160/h independent-shop labor rate [11]. Parts are extra unless stated; check the VIN for open warranty coverage first.

PARTS FOR E210

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

QUESTIONS TO ASK US

- Any engine stops at a light?
- Campaign 22TC07 or stop-start reprogram done?

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4 Oil leak at the oil pan seam or oil level sensor

Any mileage

Severity: Medium: leaks and wear · 0 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2021–2024 Corolla and 2022–2024 Corolla Cross built before the change), so mileage doesn't say much here. Range: 2021–2024 Corolla and 2022–2024 Corolla Cross built before the change OFFICIAL [7] [9]

WHAT FAILS OFFICIAL [7][9]

Oil can seep between the oil pan and the stiffening crankcase. Toyota reseals the pan. A separate tech tip covers leaks around the engine oil level sensor.

SYMPTOMS

- Oil spots under the engine
- Wet oil on the pan seam

IF IT'S LEFT TOO LONG

A slow leak lowers the oil level between changes.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Reseal when it is an active leak; still under the powertrain warranty on many cars.

ESTIMATED REPAIR COST

Labor only, 2.1 h Toyota warranty time	**Our price is in the plan above** ask us for a written quote
Labor only, 2.1 h Toyota warranty time	**$210–$340** OUR ESTIMATE [7][11] labor only, parts extra

Where the numbers come from: Estimate: Toyota warranty labor time of 2.1 h (bulletin [7]) × $100–$160/h independent-shop labor rate [11]. Parts are extra unless stated; check the VIN for open warranty coverage first.

PARTS FOR E210

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

QUESTIONS TO ASK US

- Any oil spots on the driveway?

5 · ALSO REPORTED, NOT RANKED

Other themes in 2.0L M20A-FKS 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 / collision braking	152	Brake and driver-assist complaints; not an engine fault.
Transmission / CVT / clutch	61	Includes recall 18V-901 (2019 Corolla Hatchback CVT torque converter) and clutch slave-cylinder reports on manual hatchbacks; not an engine fault.
Stalling / loss of power	50	Mixed causes; includes the low-pressure fuel pump recalls 20V-012 / 20V-682 on 2019–2020 cars. Check the VIN.

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 2019–2022 Corolla complaints that name the hatchback, 2.0L, SE or XSE (and not the 1.8L or a hybrid), all non-hybrid 2023–2025 Corolla and Corolla Hatchback, 2022–2025 Corolla Cross complaints, and 2019–2022 Lexus UX 200 complaints: 505 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
Brakes / collision braking	152	Also reported
Engine stops at a stop / steering power low	78	Item 3
Transmission / CVT / clutch	61	Also reported
Stalling / loss of power	50	Also reported
Coolant bypass valve / Engine Maintenance Required	25	Item 1
Misfire / rough running	4	Item 2
Oil leak	0	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 2019–2022 Corolla complaints naming the hatchback, 2.0L, SE or XSE, all non-hybrid 2023–2025 Corolla, Corolla Hatchback and Corolla Cross, and 2019–2022 Lexus UX 200, pulled Oct 27, 2026 (ODI numbers in the cost notes) `OFFICIAL`
https://www.nhtsa.gov/report-a-safety-problem#complaints

2. Toyota Customer Support Program 24TE04: Coverage for flow shut-off valve (water valve) coolant leak, certain 2020–2021 Corolla and 2019–2021 Corolla Hatchback (and other models) (2026-08-11), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2026/MC-11037186-0001.pdf

3. Toyota T-SB-0112-24 Rev2: Engine Maintenance Required message with DTC P268111 and/or P268115 (engine coolant bypass valve), 2018–2021 A25A / M20A models (2025-06-19), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2025/MC-11020668-0001.pdf

4. Toyota T-SB-0010-24 Rev2: MIL on with misfire DTCs in cold temperatures: replace exhaust-side valve lash adjusters, 2019–2025 Corolla and 2022–2025 Corolla Cross (A25A-FKS / M20A-FKS) (2025-06-25), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2025/MC-11020670-0001.pdf

5. Toyota T-SB-0020-23 Rev1: Stop and start system: intermittent no restart during wiper operation, 2022–2023 Corolla Cross (PCM reprogram) (2024-09-11), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2024/MC-11010063-0001.pdf

6. Toyota Special Service Campaign 22TC07: Engine ECU software update: vehicle may stall at low speed when accelerating from a stop, certain 2020 Corolla (2025-11-17), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2025/MC-11026312-0001.pdf

7. Toyota T-SB-0077-24: Oil leak between oil pan sub-assembly and stiffening crankcase, 2021–2024 Corolla and 2022–2024 Corolla Cross (M20A) (2024-09-11), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2024/MC-11010062-0001.pdf

8. Toyota T-SB-0081-24: MIL on with DTC P11EA00 and/or P013A7C: replace intake manifold, 2023–2024 Corolla and Corolla Cross (M20A-FKS) (2024-09-23), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2024/MC-11010094-0001.pdf

9. Toyota Tech Tip T-TT-0753-24: Oil leak from the engine oil level sensor area, 2020–2024 Corolla and 2022–2024 Corolla Cross (2024-11-13), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2024/MC-11011642-0001.pdf

10. NHTSA recall records: 18V-901 (2019 Corolla Hatchback CVT torque converter), 20V-012 and 20V-682 (low-pressure fuel pump), checked Oct 27, 2026 OFFICIAL
https://www.nhtsa.gov/recalls?nhtsaId=18V901000

11. 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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