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

2019 Mitsubishi Eclipse Cross at 76,000 mi

JA4AT5AA8KZ123456

MODEL / CHASSIS	ENGINE	MILEAGE	DRIVETRAIN
Eclipse Cross · Eclipse Cross SE 1.5T S-AWC	Mitsubishi 4B40 1.5L turbo four (direct and port injection, with CVT)	76,000 mi	AWD
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 'K' = 2019, 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	5
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 (1)

- **18V-620** · Electrical system · software: The forward-collision braking software can hold the brakes on longer than needed, and the driver may react by braking harder, which raises the risk of a crash.

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

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

Factory warranty: this 2019 Mitsubishi at 76,000 mi may still be under Mitsubishi's powertrain warranty (usually 10 years or 100,000 mi from the day it was first sold, for the original owner; 5 years or 60,000 mi after a resale). A covered engine or transmission repair is free at a Mitsubishi dealer, so we check the coverage before quoting one.

Recommended now at the next service

Good news: nothing on the 1.5L turbo 4B40 watch list is due at this mileage. Worth a fresh look at about 86,000 mi.

Next 12 months up to about 88,000 mi

Nothing scheduled here.

Within the next 30,000 miles up to 106,000 mi

Nothing else enters its reported range in this window.

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

Ignition coils: misfire codes and limp mode — **$520**
Any mileage (2019–2022 Eclipse Cross before the VIN cut-off; any mileage) · Inspect at each service; fix at the first sign
our price EXAMPLE

Cold-weather stalling, frozen relays and no-start — **$120**
Any mileage (2018–2020 Eclipse Cross; cold weather) · Inspect at each service; fix at the first sign
our price EXAMPLE

Fuel smell in the cabin (breather hose) — **$190**
Any mileage (2018–2020 Eclipse Cross built before June 11, 2019) · Inspect at each service; fix at the first sign
our price EXAMPLE

Coolant leak at a hose clamp — **$220**
Any mileage (2018–2020 Eclipse Cross (TSB-20-14-002); any mileage) · Inspect at each service; fix at the first sign
our price EXAMPLE

CVT shudder or surge (CVT-8) — **$140**
Any mileage (2018–2020 Eclipse Cross and later CVT-8 cars; any mileage) · Ask for this check at every service
our price EXAMPLE

Recommended now

No repairs due now

Springfield Auto Care prices (example)

Planned through 106,000 mi

No repairs planned

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

The maker's maintenance schedule isn't on this report

This report doesn't include the maker's scheduled maintenance for this car yet, so brake fluid, spark plugs, coolant and transmission fluid aren't listed even when they're due. Check the service records and the maker's schedule for this car.

WHERE 76K SITS FOR EACH WEAK POINT

#	WEAK POINT	REPORTED RANGE	THIS CAR
1	Ignition coils: misfire codes and limp mode	2019–2022 Eclipse Cross before the VIN cut-off; any mileage OFFICIAL	Any mileage
2	Cold-weather stalling, frozen relays and no-start	2018–2020 Eclipse Cross; cold weather OFFICIAL	Any mileage
3	Fuel smell in the cabin (breather hose)	2018–2020 Eclipse Cross built before June 11, 2019 OFFICIAL	Any mileage
4	Coolant leak at a hose clamp	2018–2020 Eclipse Cross (TSB-20-14-002); any mileage OFFICIAL	Any mileage
5	CVT shudder or surge (CVT-8)	2018–2020 Eclipse Cross and later CVT-8 cars; any mileage 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 2019 Mitsubishi Eclipse Cross

Safety recall repairs are free at Mitsubishi 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 JA4AT5AA8KZ123456.
2. Note every recall shown as “Recall incomplete” and keep a screenshot.
3. Ask a Mitsubishi dealer for a campaign printout; it also lists completed campaigns.

1.5L TURBO 4B40 RECALLS WE TRACK

NHTSA lists no engine-specific recall campaign for the 1.5L turbo 4B40 as of 2026-10-28. Recalls on the rest of the car are in the model-year list below.

EVERY RECALL NHTSA LISTS FOR THE 2019 MITSUBISHI ECLIPSE CROSS (1)

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
18V-620	Electrical system · software	The forward-collision braking software can hold the brakes on longer than needed, and the driver may react by braking harder, which raises the risk of a crash. Details

Source: NHTSA recalls API, fetched 2026-10-28 and combined across NHTSA model names: ECLIPSE CROSS. 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

CAMPAIGN	WHAT IT SAYS	THIS CAR
Cam-timing codes P0010–P0017 and starter no-engage	TSB-20-13-002 (Nov 2020, revised Apr 2021) reprograms the engine computer on 2018–2020 Eclipse Cross for a starter that does not engage on a quick key turn and a stored P0014. TIN-20-13-001 (2021) and TIN-22-13-001 (2022) set out how dealers diagnose P0010–P0017 and when an oil control valve is replaced under warranty. OFFICIAL [3]	Dealer update
Cold-weather stalling after a restart	TSB-19-13-002 (Feb 2019) reprograms the engine computer for stalling after a cold start, key-off and restart on winter-blend fuel (a rich air-fuel ratio). OFFICIAL [4]	Dealer update

4 · THE 5 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 (Eclipse Cross).

1 Ignition coils: misfire codes and limp mode

Any mileage

Severity: High: overheating, stalls, limp mode or a big bill · 1 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2019–2022 Eclipse Cross before the VIN cut-off; any mileage), so mileage doesn't say much here. Range: 2019–2022 Eclipse Cross before the VIN cut-off; any mileage OFFICIAL [2]

WHAT FAILS OFFICIAL [2]

Mitsubishi found that the original ignition coils can cause misfire codes (P0300–P0304) and put the engine in fail-safe mode with reduced power. On a confirmed complaint, dealers replace the coils on all four cylinders with countermeasure parts.

SYMPTOMS

- Check-engine light with P030X
- Loss of power (fail-safe mode)
- Rough running

IF IT'S LEFT TOO LONG

A persistent misfire can damage the catalytic converter, and limp mode on the highway is a hazard.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Replace all four coils with the countermeasure part at the first misfire code; check warranty first.

ESTIMATED REPAIR COST

Four countermeasure coils (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 ECLIPSE CROSS

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

QUESTIONS TO ASK US

- Any misfire codes or limp mode?
- Coils replaced with the countermeasure part?

2 Cold-weather stalling, frozen relays and no-start

Any mileage

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

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2018–2020 Eclipse Cross; cold weather), so mileage doesn't say much here.
Range: 2018–2020 Eclipse Cross; cold weather OFFICIAL [4][5]

WHAT FAILS OFFICIAL [4][5]

Three bulletins cover cold-weather trouble. On winter-blend fuel the engine can stall after a cold start, key-off

ESTIMATED REPAIR COST

and restart (engine-computer update). Relays in the fuse box can freeze and cause limp mode or a no-restart after a short stop (2018–2019; anti-freezing relays). And the starter may not engage on a quick key turn (engine-computer update).

SYMPTOMS

- Stalls after a cold restart
- Limp mode or no restart in the cold
- Starter does not engage on the first try

IF IT'S LEFT TOO LONG

A stall or no-start can strand the car in winter.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Ask a dealer to check the updates and relay part numbers by VIN; fix at the first episode.

Labor only, 0.3 h relay replacement; relays extra	**Our price is in the plan above** ask us for a written quote
Labor only, 0.3 h relay replacement; relays extra	**$30–$50** OUR ESTIMATE [5][7] labor only, parts extra

Where the numbers come from: Estimate: Mitsubishi warranty labor time of 0.3 h for the relay replacement in TSB-19-13-003 [5] × $100–$160/h [7]. Relay parts are extra; the engine-computer updates are dealer work with no published price.

PARTS FOR ECLIPSE CROSS

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

QUESTIONS TO ASK US

- Any stalls or no-starts in cold weather?
- Engine-computer updates done?

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3 Fuel smell in the cabin (breather hose)

Any mileage

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

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2018–2020 Eclipse Cross built before June 11, 2019), so mileage doesn't say much here. Range: 2018–2020 Eclipse Cross built before June 11, 2019 OFFICIAL [6]

WHAT FAILS OFFICIAL [6]

Fuel residue inside the engine breather hose can soak through it, so a fuel smell comes through the vents when recirculation is off. Mitsubishi replaces the breather hose and the vacuum pipe and hose assembly.

SYMPTOMS

- Fuel smell from the vents with recirculation off

IF IT'S LEFT TOO LONG

A fuel smell in the cabin is unpleasant and worth checking for real leaks.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Fix when the smell appears; check for actual fuel leaks first.

ESTIMATED REPAIR COST

Labor only, 0.6 h breather hose and vacuum pipe replacement	**Our price is in the plan above** ask us for a written quote
Labor only, 0.6 h breather hose and vacuum pipe replacement	**$60–$100** OUR ESTIMATE [6][7] labor only, parts extra

Where the numbers come from: Estimate: Mitsubishi warranty labor time of 0.6 h from TSB-19-17-001 [6] × $100–$160/h [7]. Parts are extra.

PARTS FOR ECLIPSE CROSS

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

QUESTIONS TO ASK US

- Any fuel smell inside?

4 Coolant leak at a hose clamp

Any mileage

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

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2018–2020 Eclipse Cross (TSB-20-14-002); any mileage), so mileage doesn't say much here. Range: 2018–2020 Eclipse Cross (TSB-20-14-002); any mileage OFFICIAL [8]

WHAT FAILS OFFICIAL [8]

Mitsubishi found coolant leaking at a water-hose connection, which can turn on the coolant temperature warning. Dealers fit a new hose and a countermeasure clamp.

SYMPTOMS

- Coolant temperature warning light
- Coolant level dropping
- Wet hose connection

IF IT'S LEFT TOO LONG

Low coolant can overheat and damage the engine.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Fix at the first sign of a leak.

ESTIMATED REPAIR COST

Labor only, 1.1 h hose and clamp replacement	**Our price is in the plan above** ask us for a written quote
Labor only, 1.1 h hose and clamp replacement	**$110–$180** OUR ESTIMATE [8][7] labor only, parts extra

Where the numbers come from: Estimate: Mitsubishi warranty labor time of 1.1 h for the Eclipse Cross in TSB-20-14-002 [8] × $100–$160/h [7]. Parts are extra.

PARTS FOR ECLIPSE CROSS

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

QUESTIONS TO ASK US

- Any coolant top-ups or warning lights?

5 CVT shudder or surge (CVT-8)

Any mileage

Severity: High: overheating, stalls, limp mode or a big bill · 2 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2018–2020 Eclipse Cross and later CVT-8 cars; any mileage), so mileage doesn't say much here. Range: 2018–2020 Eclipse Cross and later CVT-8 cars; any mileage OFFICIAL [9]

WHAT FAILS OFFICIAL [9]

The CVT-8 transmission can shudder or surge when its hydraulic circuit reacts poorly. If it is driven on, the belt can slip repeatedly and wear debris can get into the hydraulics and turn on a warning light. Dealers diagnose with a test drive and replace the valve body or the transmission as needed.

SYMPTOMS

ESTIMATED REPAIR COST

Labor only, 0.3 h diagnostic test drive	**Our price is in the plan above** ask us for a written quote
No published bill for a CVT replacement	**No published price** reported range for the bill after a failure

- Shudder or surge when accelerating
- Transmission warning light

IF IT'S LEFT TOO LONG

Continued slipping can ruin the CVT.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Road-test for shudder before buying and at each service; act at the first shudder.

Where the numbers come from: Estimate: 0.3 h test-drive allowance in TSB-20-23-001 [9] × $100–$160/h [7].

PARTS FOR ECLIPSE CROSS

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

QUESTIONS TO ASK US

- Any shudder or warning light?
- CVT fluid changed?

5 · ALSO REPORTED, NOT RANKED

Other themes in 1.5L turbo 4B40 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	16	Brake and forward-collision braking complaints; not an engine fault.
Air bags	11	Air bag complaints; not an engine fault.
Steering	10	Steering complaints; not 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/Mitsubishi 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 All 2018–2025 Eclipse Cross complaints; the 1.5T is the only engine: 61 complaints. We pooled every complaint NHTSA files under these model names and years; where a nameplate also came with another engine or powertrain, a few complaints may be about it. Themes are keyword matches on the complaint text. Very small complaint pool (about 60 complaints); the weak points rest on Mitsubishi bulletins, not complaint counts. `COMPUTED FROM NHTSA DATA`

THEME	COMPLAINTS	IN THIS REPORT
Brakes	16	Also reported
Air bags	11	Also reported
Steering	10	Also reported
Stalling / no start	5	Item 2
CVT shudder	2	Item 5
Misfire / limp mode	1	Item 1
Fuel smell	0	Item 3
Coolant leak / overheating	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 2018–2025 Eclipse Cross, pulled Oct 28, 2026 `OFFICIAL`
https://www.nhtsa.gov/report-a-safety-problem#complaints

2. Mitsubishi TSB-22-16-001 REV: MIL with DTC P030X and loss of power (fail-safe); replace all ignition coils with countermeasure parts, incl. 2019–2022 Eclipse Cross 4B40 (2023-08-02, revised 2023-11-17), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2023/MC-10241920-0001.pdf

3. Mitsubishi TSB-20-13-002 REV: Starter does not engage / DTC P0014, ECU reprogramming, 2018–2020 Eclipse Cross (2021-04-08), and TIN-20-13-001 REV / TIN-22-13-001 on P0010–P0017 and oil control valve replacement, filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2020/MC-10183952-0001.pdf

4. Mitsubishi TSB-19-13-002: Engine stalling in cold weather after restart on winter-blend fuel, ECU reprogramming (2019-02-21), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2019/MC-10154708-9999.pdf

5. Mitsubishi TSB-19-13-003: Failsafe mode or no restart due to frozen relays, incl. 2018–2019 Eclipse Cross (labor 0.3 h) (2019-04-25), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2019/MC-10159667-9999.pdf

6. Mitsubishi TSB-19-17-001: Fuel smell from the HVAC vents, replace breather hose and vacuum pipe, 2018–2020 Eclipse Cross built before June 11, 2019 (labor 0.6 h) (2019-12-05), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2019/MC-10170146-9999.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

8. Mitsubishi TSB-20-14-002: Coolant temperature warning and coolant leak at a hose connection; countermeasure clamp and hose (Eclipse Cross labor 1.1 h) (2020-08-28), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2020/MC-10179518-0001.pdf

9. Mitsubishi TSB-20-23-001: Potential CVT-8 shudder / surge, incl. 2018–2020 Eclipse Cross (test drive 0.3 h) (2020-04-08, revised through 2024), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2020/MC-10175777-9999.pdf

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 Mitsubishi dealer or qualified shop. Safety recall repairs are free at Mitsubishi 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.