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

2015 Mitsubishi Mirage at 98,000 mi

ML32A4HJXFH123456

MODEL / CHASSIS	ENGINE	MILEAGE	DRIVETRAIN
Mirage · Mirage ES 1.2 CVT hatchback (2014–2015)	Mitsubishi 3A92 1.2L three-cylinder (MIVEC, timing chain)	98,000 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 'F' = 2015, 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	3
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 (2)

- **17V-686** · Air bags: The air bags may not deploy as designed in a crash, which raises the risk of injury.
- **15V-815** · Electrical system · wiring: A corroded connector could delay the front air bags in a crash, which raises the risk of injury to the driver and front passenger.

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.

Recommended now at the next service

Good news: nothing on the 1.2L 3A92 three-cylinder watch list is due at this mileage. Worth a fresh look at about 108,000 mi.

Next 12 months up to about 110,000 mi

Nothing scheduled here.

Within the next 30,000 miles up to 128,000 mi

Nothing else enters its reported range in this window.

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

Cold-start knock (service campaign SC-16-001) **$70**
Any mileage (2014–2015 Mirage; any mileage) · Ask for this check at every service
our price EXAMPLE

Stalling at idle in hot weather **$70**
Any mileage (2014–2015 Mirage with CVT built before January 19, 2015) · Inspect at each service; fix at the first sign
our price EXAMPLE

Limp mode or no restart in deep cold (frozen relays) **$120**
Any mileage (2014–2015 and 2017–2019 Mirage / Mirage G4; cold weather) · Inspect at each service; fix at the first sign
our price EXAMPLE

Recommended now

No repairs due now

Springfield Auto Care prices (example)

Planned through 128,000 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 98K SITS FOR EACH WEAK POINT

#	WEAK POINT	REPORTED RANGE	THIS CAR
1	Cold-start knock (service campaign SC-16-001)	2014–2015 Mirage; any mileage OFFICIAL	Any mileage
2	Stalling at idle in hot weather	2014–2015 Mirage with CVT built before January 19, 2015 OFFICIAL	Any mileage
3	Limp mode or no restart in deep cold (frozen relays)	2014–2015 and 2017–2019 Mirage / Mirage G4; cold weather 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 2015 Mitsubishi Mirage

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 ML32A4HJXFH123456.
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.

1.2L 3A92 THREE-CYLINDER RECALLS WE TRACK

NHTSA lists no engine-specific recall campaign for the 1.2L 3A92 three-cylinder 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 2015 MITSUBISHI MIRAGE (2)

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
17V-686	Air bags	The air bags may not deploy as designed in a crash, which raises the risk of injury. Details
15V-815	Electrical system · wiring	A corroded connector could delay the front air bags in a crash, which raises the risk of injury to the driver and front passenger. Details

Source: NHTSA recalls API, fetched 2026-10-28 and combined across NHTSA model names: MIRAGE. 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
Service campaign SC-16-001: cold-start knock (2014–2015 Mirage)	During a cold start the engine computer could command the wrong amount of fuel, which can make the engine knock. Dealers reprogram the engine computer on every affected car; engines that already knock may be replaced. Labor time 0.4 h for the update, 7.9–8.3 h with an engine. OFFICIAL [2]	Free under the campaign; ask a Mitsubishi dealer to check the VIN
TSB-15-13-001: stalling in hot weather (2014–2015 Mirage CVT)	A rich air-fuel ratio can stall the engine at low speed or idle in high heat and may pop off the crankcase vent (PCV) hose. Dealers reprogram the engine computer (0.3 h). OFFICIAL [3]	Dealer update
TSB-19-13-003: frozen relays in cold weather	Relays in the fuse box can freeze, so the car goes into limp mode or does not restart after a short stop. Dealers replace the throttle, CVT, injector and starter relays with anti-freezing types (0.3 h). Covers 2014–2015 and 2017–2019 Mirage and 2017–2019 Mirage G4. OFFICIAL [4]	Warranty or owner's cost

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 (Mirage).

1 Cold-start knock (service campaign SC-16-001)

Any mileage

Severity: High: overheating, stalls, limp mode or a big bill · 3 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2014–2015 Mirage; any mileage), so mileage doesn't say much here. Range: 2014–2015 Mirage; any mileage OFFICIAL [2]

WHAT FAILS OFFICIAL [2]

On 2014–2015 Mirages the engine computer could command the wrong amount of fuel during a cold start, which makes the engine knock. Mitsubishi ran a service campaign to reprogram every affected car and, in rare cases where the engine already knocked, to replace the engine.

SYMPTOMS

- Knocking or rattling from the engine for the first seconds after a cold start
- Check-engine light

IF IT'S LEFT TOO LONG

An engine that already knocks may need replacing.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Ask a Mitsubishi dealer whether campaign SC-16-001 is done on this VIN; listen to a cold start before buying.

ESTIMATED REPAIR COST

Labor only, 0.4 h engine-computer update (free under the campaign)	**Our price is in the plan above** ask us for a written quote
Labor only, 7.9 h engine replacement; the engine is extra unless the campaign covers it	**$790–$1,260** OUR ESTIMATE [2][5] labor only, parts extra

Where the numbers come from: Estimate: Mitsubishi warranty labor time of 0.4 h (update) and 7.9 h (engine replacement) from campaign bulletin SC-16-001 [2] × $100–$160/h independent-shop labor rate [5]. The campaign is free at a dealer when it applies.

PARTS FOR MIRAGE

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

QUESTIONS TO ASK US

- Campaign SC-16-001 done?
- Any knock on cold starts?

2 Stalling at idle in hot weather

Any mileage

Severity: Medium: leaks and wear · 7 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2014–2015 Mirage with CVT built before January 19, 2015), so mileage doesn't say much here. Range: 2014–2015 Mirage with CVT built before January 19, 2015 OFFICIAL [3]

WHAT FAILS OFFICIAL [3]

A rich air-fuel mixture can stall the engine just before stopping or at idle in high heat, and the crankcase vent (PCV) hose can come off. The engine restarts at once. Mitsubishi reprograms the engine computer.

SYMPTOMS

- Stalls just before stopping or at idle on hot days
- PCV hose found disconnected

IF IT'S LEFT TOO LONG

A stall in traffic is a hazard; a loose PCV hose causes a vacuum leak.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Ask a dealer to check the update; fix at the first stall.

ESTIMATED REPAIR COST

Labor only, 0.3 h engine-computer update	**Our price is in the plan above** ask us for a written quote
Labor only, 0.3 h engine-computer update	**$30–$50** OUR ESTIMATE [3][5] labor only, parts extra

Where the numbers come from: Estimate: Mitsubishi warranty labor time of 0.3 h from TSB-15-13-001 [3] × $100–$160/h [5].

PARTS FOR MIRAGE

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

QUESTIONS TO ASK US

- Any stalls on hot days?

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3 Limp mode or no restart in deep cold (frozen relays)

Any mileage

Severity: Medium: leaks and wear · 1 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2014–2015 and 2017–2019 Mirage / Mirage G4; cold weather), so mileage doesn't say much here. Range: 2014–2015 and 2017–2019 Mirage / Mirage G4; cold weather OFFICIAL [4]

WHAT FAILS OFFICIAL [4]

In cold weather the relays for the electronic throttle, CVT, injectors and starter can freeze, so the car drops into limp mode with the check-engine light on, or will not restart after a short stop. Mitsubishi replaces them with anti-freezing relays.

SYMPTOMS

- Limp mode with the check-engine light on in cold weather
- No restart after a short stop in the cold

IF IT'S LEFT TOO LONG

Limp mode or a no-start can strand the car in winter.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Fit the anti-freezing relays at the first cold-weather episode, or before winter in cold states.

ESTIMATED REPAIR COST

Labor only, 0.3 h to fit four anti-freezing relays; relays extra	**Our price is in the plan above** ask us for a written quote
Labor only, 0.3 h to fit four anti-freezing relays; relays extra	**$30–$50** OUR ESTIMATE [4][5] labor only, parts extra

Where the numbers come from: Estimate: Mitsubishi warranty labor time of 0.3 h from TSB-19-13-003 [4] × $100–$160/h [5]. Relay parts are extra.

PARTS FOR MIRAGE

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

QUESTIONS TO ASK US

- Any limp mode or no-start in cold weather?

5 · ALSO REPORTED, NOT RANKED

Other themes in 1.2L 3A92 three-cylinder 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	55	Air bag warning lights and deployment complaints; not an engine fault.
Brakes	41	Brake complaints on these cars; not an engine fault.
Steering / suspension	26	Steering and suspension complaints; not an engine fault.
CVT / transmission	13	CVT and shifter complaints; Mitsubishi also tracked coolant leaks at the CVT fluid-cooler hoses. Not an engine fault.
Unintended acceleration	10	Mixed reports of hesitation and surging; no recall covers them.

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 Mirage and Mirage G4 complaints (2014–2015 and 2017–2024); the 3A92 is the only engine. NHTSA files some Mirage G4 complaints under Mirage, and both names are pulled: 167 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. Small complaint pool (about 170 complaints); the weak points rest mainly on Mitsubishi bulletins.
`COMPUTED FROM NHTSA DATA`

THEME	COMPLAINTS	IN THIS REPORT
Air bags	55	Also reported
Brakes	41	Also reported
Steering / suspension	26	Also reported
CVT / transmission	13	Also reported
Unintended acceleration	10	Also reported
Stalling	7	Item 2
Engine knock on cold start	3	Item 1
Limp mode / no restart in cold	1	Item 3

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 2014–2015 and 2017–2024 Mirage and 2017–2024 Mirage G4, pulled Oct 28, 2026 `OFFICIAL`
https://www.nhtsa.gov/report-a-safety-problem#complaints

2. Mitsubishi service campaign SC-16-001 REV2: ECM reprogramming for engine knocking noise on cold start, 2014–2015 Mirage (labor 0.4 h update; 7.9–8.3 h with engine replacement) (2020-11-05), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2020/MC-10183950-0001.pdf

3. Mitsubishi TSB-15-13-001 REV: Engine stalling at low engine speed in high ambient temperature, 2014–2015 Mirage (labor 0.3 h) (2015-07-17), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2015/MC-10170067-0001.pdf

4. Mitsubishi TSB-19-13-003: Failsafe mode or no restart due to frozen relays, incl. 2014–2015 / 2017–2019 Mirage and 2017–2019 Mirage G4 (labor 0.3 h) (2019-04-25), filed with NHTSA `OFFICIAL`
https://static.nhtsa.gov/odi/tsbs/2019/MC-10159667-9999.pdf

5. 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 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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