2007 Mitsubishi Outlander at 125,000 mi

JA4MT41X47Z123456

MODEL / CHASSIS	ENGINE	MILEAGE	DRIVETRAIN
Outlander · Outlander (CW, 2007–2013)	Mitsubishi 3.0L V6 (6B31 MIVEC) with the 6-speed automatic	125,000 mi	AWD
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 '7' = 2007, 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.

1 job recommended now

0 to plan in the next 30,000 miles

1 to watch or check at each service

Safety recalls NHTSA lists for this model year (7 of 9)

- **16V-458** · Front crossmember / lower control arm (salt states): Rust in the front crossmember can let a lower control arm detach, which can cause a loss of control.
- **14V-366** · Power steering pressure tube (replacement 6-speed automatic): The power steering tube can rub through and leak, which can cause a loss of steering assist.
- **18V-071** · Sunroof glass: The sunroof glass can come loose while driving and become a road hazard.
- **16V-791** · Windshield wiper linkage: The wipers can stop working, which cuts visibility.
- **14V-564** · Brake light switch: The brake lights may not come on, so drivers behind get no warning that the car is stopping.
- **08V-680** · Brake light switch (LED stop lamps): The brake lights may not come on when braking, so following drivers get no warning.
- **08V-094** · Seat wiring connector (salt states): A connector under the seat can corrode, heat up and melt, which can start a fire.

A model-year list, not a VIN check. The full report lists the others. Repairs are free at a Mitsubishi 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 Mitsubishi dealer for a campaign printout, including 16V-458, 14V-365, 14V-366. Read the build month (MM/YY) on the driver's door-jamb label.

Recommended now at the next service — **$2,026–$3,410**

Timing belt, tensioner and idlers — **$2,026–$3,410**
Past the range (60,000–90,000 mi typical (shop guide); check the owner's schedule)
independent shop, installed

Next 12 months up to about 137,000 mi

Nothing scheduled here.

Within the next 30,000 miles up to 155,000 mi

Nothing else enters its reported range in this window.

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

Rough idle, misfire codes and hesitation (2007–2008 engine computer update) — **No published price**
Any mileage (2007–2008 Outlander V6 (Mitsubishi bulletins)) · Inspect at each service; fix at the first sign

Recommended now
$2,026–$3,410
Independent shop, installed. Dealers often charge more.

Planned through 155,000 mi
$2,026–$3,410
Nothing else on the list before 155,000 mi. Now + next 12 months + next 30,000 miles. Excludes “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

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 125K SITS FOR EACH WEAK POINT

#	WEAK POINT	REPORTED RANGE	THIS CAR
1	Timing belt, tensioner and idlers	60,000–90,000 mi typical (shop guide); check the owner's schedule SHOP/RETAILER	● Past the range
2	Rough idle, misfire codes and hesitation (2007–2008 engine computer update)	2007–2008 Outlander V6 (Mitsubishi bulletins) OFFICIAL	● Any mileage
3	Front crossmember rust, lower control arm can detach (recall 16V-458)	2007–2013 Outlander V6 sold or registered in road-salt states (recall 16V-458) OFFICIAL	● Listed for this model and year: check by VIN

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 2007 Mitsubishi Outlander

Safety recall repairs are free at Mitsubishi 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 JA4MT41X47Z123456.
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.

3.0L 6B31 V6 RECALLS WE TRACK

16V-458 · Front crossmember corrosion can detach the lower control arm (2007–2013 Outlander V6, salt states)

NHTSA lists this model and year: check by VIN

In road-salt states the front crossmember can rust until a lower control arm detaches. Dealers inspect and either treat the crossmember or replace it, free. OFFICIAL [4]

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

14V-365 · Replacement transfer case oil seal may dislodge (2007 and 2009 Outlander)

NHTSA lists this model and year: check by VIN

Some cars repaired with replacement transfer cases can lose transmission fluid into the transfer case, causing poor shifting or no drive. Free transfer case replacement as needed. OFFICIAL [4]

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

14V-366 · Power steering tube can rub on the 6-speed automatic (2013 Outlander; 2007–2012 with replacement transmissions)

NHTSA lists this model and year: check by VIN

The power steering pressure tube can wear a hole against the transmission housing and leak, causing a loss of steering assist. Free tube replacement. OFFICIAL [4]

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

EVERY RECALL NHTSA LISTS FOR THE 2007 MITSUBISHI OUTLANDER (9)

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
16V-458 3.0L 6B31 V6 tracked	Front crossmember / lower control arm (salt states)	Rust in the front crossmember can let a lower control arm detach, which can cause a loss of control. Details
14V-366 3.0L 6B31 V6 tracked	Power steering pressure tube (replacement 6-speed automatic)	The power steering tube can rub through and leak, which can cause a loss of steering assist. Details

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
18V-071	Sunroof glass	The sunroof glass can come loose while driving and become a road hazard. Details
16V-791	Windshield wiper linkage	The wipers can stop working, which cuts visibility. Details
14V-564	Brake light switch	The brake lights may not come on, so drivers behind get no warning that the car is stopping. Details
08V-680	Brake light switch (LED stop lamps)	The brake lights may not come on when braking, so following drivers get no warning. Details
08V-094	Seat wiring connector (salt states)	A connector under the seat can corrode, heat up and melt, which can start a fire. Details
14V-365 3.0L 6B31 V6 tracked	Replacement transfer case oil seal (AWD)	Transmission fluid can leak into the transfer case, causing poor shifting or no drive. Details
17V-461	Windshield wiper motor	Water can get into the wiper motor so the wipers stop working, which cuts visibility. Details

Source: NHTSA recalls API, fetched 2026-10-28 and combined across NHTSA model names: OUTLANDER. 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 (OUTLANDER): None left out, but several apply only to some cars: 18V-071 to sunroof cars, 14V-365 and 14V-366 to cars that got a replacement transfer case or transmission, 16V-458 and 08V-094 to cars from road-salt states, 08V-680 to LED stop lamps and 14V-564 to certain build dates. A VIN check shows which apply.

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 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 (Outlander).

1 Timing belt, tensioner and idlers

Past the range

Severity: High: overheating, stalls, limp mode or a big bill · 0 mentions in counted NHTSA complaints COMPUTED FROM NHTSA DATA

At 125,000 mi this car is past the reported range (60,000–90,000 mi typical (shop guide); check the owner's schedule). If the original parts are still fitted, have them checked and plan for them. Range: 60,000–90,000 mi typical (shop guide); check the owner's schedule SHOP/RETAILER [2]



WHAT FAILS SHOP/RETAILER [2][3]

The 6B31 V6 uses a rubber timing belt with a tensioner and idlers, not a chain. It wears with age and mileage and has to be replaced on schedule; there is no warning before it breaks.

SYMPTOMS

- No record of a belt change
- Ticking or whine from the belt cover
- Coolant or oil seep near the front of the engine

IF IT'S LEFT TOO LONG

A broken belt stops the engine at once and can cause internal engine damage.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Yes. Replace the belt, tensioner and idlers when due or when there is no record; most shops do the water pump at the same time.

ESTIMATED REPAIR COST

Timing belt replacement, 2007 Outlander 3.0L V6 (YourMechanic estimate; shop/dealer quotes to $3,410)	**$2,026–$3,410** SHOP/RETAILER [2] independent shop, installed
No published bill for a broken belt	**No published price** reported range for the bill after a failure
Dealer	**Often 1.5–2× the independent-shop price** OUR ESTIMATE

Where the numbers come from: Early: YourMechanic estimate for a 2007 Outlander 3.0L V6 timing belt job is $2,026; its listed shop and dealer range is $2,377–$3,410 [2]. Later model years list slightly lower.

PARTS FOR OUTLANDER

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

WHAT TO ASK YOUR SHOP

- When was the timing belt done?
- Was the water pump done with it?

2 Rough idle, misfire codes and hesitation (2007–2008 engine computer update)

Any mileage

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

Reports cover a wide mileage span (2007–2008 Outlander V6 (Mitsubishi bulletins)), so mileage doesn't say much here. Range: 2007–2008 Outlander V6 (Mitsubishi bulletins) OFFICIAL [5][6]
Applies to: 2007–2008 Outlander V6

WHAT FAILS OFFICIAL [5][6]

Some 2007–2008 Outlanders idle rough and set misfire codes P0300–P0306, and some 2007s hesitate on throttle. Mitsubishi reprogrammed the engine computer for both. Rule out worn plugs and coils before blaming software on a high-mileage car.

SYMPTOMS

- Rough idle
- Check engine light with P0300–P0306
- Hesitation when pressing the throttle

IF IT'S LEFT TOO LONG

Ongoing misfires can damage the catalytic converters.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Scan for misfire codes; ask a Mitsubishi dealer whether the ECM update was done, and check plugs and coils.

ESTIMATED REPAIR COST

ECM reprogram (no published price)	**No published price** independent shop, installed
No published bill	**No published price** reported range for the bill after a failure
Dealer	**Often 1.5–2× the independent-shop price** OUR ESTIMATE

PARTS FOR OUTLANDER

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

WHAT TO ASK YOUR SHOP

- Any rough idle or misfire codes?
- Engine computer updated?
- When were the spark plugs changed?

3 Front crossmember rust, lower control arm can detach (recall 16V-458)

Listed for this model and year: check by VIN

Severity: High: overheating, stalls, limp mode or a big bill · 39 mentions in counted NHTSA complaints COMPUTED FROM NHTSA DATA

Reported window: 2007–2013 Outlander V6 sold or registered in road-salt states (recall 16V-458). Range: 2007–2013 Outlander V6 sold or registered in road-salt states (recall 16V-458) OFFICIAL [4]

16V-458: NHTSA lists this model and year: check by VIN
Applies to: 2007–2013 Outlander V6 in the listed salt states

WHAT FAILS OFFICIAL [4][1]

In road-salt states the front crossmember can rust through where the lower control arms mount, and an arm can tear loose. Mitsubishi recalled 2007–2013 V6 Outlanders from 22 states and DC to inspect and treat or

ESTIMATED REPAIR COST

Free under the recall	**Free if covered** OFFICIAL [4] independent shop, installed

replace the crossmember. Rust complaints are the largest group for these cars.

SYMPTOMS

- Clunk from the front over bumps or when braking
- Visible rust or holes in the front crossmember
- Steering wander

IF IT'S LEFT TOO LONG

A detached control arm can cause a loss of control.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Check the VIN for open recall 16V-458 and look at the crossmember on a lift at every service.

No published price	**No published price** reported range for the bill after a failure
Dealer	**Often 1.5–2× the independent-shop price** OUR ESTIMATE

PARTS FOR OUTLANDER

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

WHAT TO ASK YOUR SHOP

- Crossmember recall done (inspected, treated or replaced)?
- Any clunks from the front?

5 · ALSO REPORTED, NOT RANKED

Other themes in 3.0L 6B31 V6 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
Steering	23	Mostly tied to the crossmember rust and power steering hose complaints; recall 14V-366 covers a power steering tube that can rub on replacement 6-speed transmissions.
Windshield wipers	17	Wiper linkage and motor recalls 16V-791 and 17V-461 (2007–2013); not an engine fault.
Front coil springs	15	Front coil springs on 2007 Outlanders can corrode and break in salt states; Mitsubishi extended coverage (TSB-14-33-002). Not an engine fault.

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

- Timing belt record
- Front crossmember rust on a lift
- Front coil springs (2007)
- Misfire codes

Ask the seller

- When was the timing belt done?
- Crossmember recall done?
- Front springs replaced?

Documents to request

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

WHAT A BUYER MAY DEDUCT

	FINDING	ESTIMATED ADJUSTMENT
●	Timing belt, tensioner and idlers: original, no replacement invoice	$2,026–$3,410
	Rough idle, misfire codes and hesitation (2007–2008 engine computer update): symptoms or fault codes present	No published price
	Front crossmember rust, lower control arm can detach (recall 16V-458): no recall record on a listed car	Free if covered
	Pre-ticked rows (●), if no records clear them	**$2,026–$3,410**

● = 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/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 2007 Outlander complaints (every 2007 had the V6); 2008–2020 Outlander complaints that mention the V6, 3.0, GT or XLS, excluding the PHEV. Few owners name the engine, so later years under-count; 2007 cars make up most of the pool: 131 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
Rust: crossmember, control arm	39	Item 3
Steering	23	Also reported
Windshield wipers	17	Also reported
Front coil springs	15	Also reported
Misfire / rough running	5	Item 2

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 2007 Mitsubishi Outlander and 2008–2020 Outlander complaints that name the V6, 3.0, GT or XLS, pulled Oct 28, 2026 (ODI numbers in the cost notes) OFFICIAL
https://www.nhtsa.gov/report-a-safety-problem#complaints

2. YourMechanic: Mitsubishi Outlander timing belt replacement estimates (2007 3.0L V6 $2,026; shop/dealer $2,377–$3,410; replace every 60,000–90,000 mi), checked Oct 28, 2026 SHOP/RETAILER
https://www.yourmechanic.com/estimates/mitsubishi/outlander/timing-belt-replacement

3. Autodoc: timing belt for Mitsubishi Outlander 3.0 4WD (6B31), parts listing, via search extract Oct 28, 2026 SHOP/RETAILER
https://www.autodoc.co.uk/car-parts/timing-belt-10504/mitsubishi/outlander/outlander-iii-gg-w-gf-w-zj/126684-3-0-4wd

4. NHTSA recall records: 16V-458 (2007–2013 Outlander V6 front crossmember corrosion, salt states), 14V-365 (2007 / 2009 replacement transfer case seal), 14V-366 (power steering tube on 6-speed automatic), checked Oct 28, 2026 OFFICIAL
https://www.nhtsa.gov/recalls?nhtsaId=16V458000

5. Mitsubishi TSB 08-13-007: engine control module reprogramming for DTCs P0300–P0306 and rough idle, 2007–2008 Outlander (2008-03-01), NHTSA summary OFFICIAL
https://www.nhtsa.gov/?nhtsaId=10024797

6. Mitsubishi TSB 0713007: engine control module reprogramming for throttle hesitation, 2007 Outlander (2007-07-01), NHTSA summary OFFICIAL
https://www.nhtsa.gov/?nhtsaId=10022411

7. Mitsubishi TSB-14-33-002: front coil springs can corrode and fracture from road de-icing chemicals; coverage extension, 2007 Outlander (2014-03-01), NHTSA summary OFFICIAL
https://www.nhtsa.gov/?nhtsaId=10055327

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 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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Wrong input (VIN, mileage, build date)? Email hello@repairahead.com with report ID RA-6B31-123456-20261028 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.