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

2007 Mitsubishi Endeavor at 110,000 mi

4A4MM21SX7E123456

MODEL / CHASSIS	ENGINE	MILEAGE	DRIVETRAIN
Endeavor · Endeavor (2004–2011)	Mitsubishi 6G7 V6 (6G72 3.0L, 6G74 3.5L, 6G75 3.8L)	110,000 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 '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: our technician decides what the car actually needs.

2 jobs 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 (4 of 5)

- **10V-065** · Fuel tank filler pipe (salt states): The filler pipe can corrode and leak fuel, which can start a fire.
- **08V-454** · Fuel tank strap bracket: A cracked bracket can let the fuel tank shift and leak fuel, which can start a fire.
- **08V-139** · Electrical system · ignition key interlock cable: The ignition key can be removed when the shifter is not in Park, so the vehicle could roll away if the parking brake is not set.
- **08V-022** · Seat belts · right lower anchor: The seat belt anchor bracket can break in a severe crash, so the belt may not hold the occupant.

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 08V-454, 10V-065. Read the build month (MM/YY) on the driver's door-jamb label.

Recommended now at the next service — $990

Timing belt, tensioner and water pump — $850
Past the range (Typical 60,000–100,000 miles; check the owner's schedule)

our price EXAMPLE

Inspection: check now, while it's cheaper to fix — $140
Automatic transmission (shift flare, harsh shifts, failure): Inside the range (Endeavor 4-speed automatic, often 100,000–130,000 miles) · if it fails: $1,000–$3,700
Known weak point for this engine, not a finding on your car. The inspection shows whether yours has early signs.

inspection EXAMPLE

Next 12 months up to about 122,000 mi

Nothing scheduled here.

Within the next 30,000 miles up to 140,000 mi

Nothing else enters its reported range in this window.

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

Ignition coils overheating (corroded ground) — Ask us for a quote
Any mileage (2006–2009 Eclipse, Galant and related V6 models) · Inspect at each service; fix at the first sign

Recommended now

$990

Springfield Auto Care prices (example)

Planned through 140,000 mi

$990

Nothing else on the list before 140,000 mi. 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 110K SITS FOR EACH WEAK POINT

#	WEAK POINT	REPORTED RANGE	THIS CAR
1	Timing belt, tensioner and water pump	Typical 60,000–100,000 miles; check the owner's schedule FORUM/BLOG	Past the range
2	Automatic transmission (shift flare, harsh shifts, failure)	Endeavor 4-speed automatic, often 100,000–130,000 miles FORUM/BLOG	Inside the range
3	Ignition coils overheating (corroded ground)	2006–2009 Eclipse, Galant and related V6 models 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 2007 Mitsubishi Endeavor

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 4A4MM21SX7E123456.
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.

3.0/3.5/3.8L 6G72/6G74/6G75 V6 RECALLS WE TRACK

08V-454 · Fuel tank strap bracket may split (2005–2007 Endeavor, Galant, Eclipse)

NHTSA lists this model and year: check by VIN

Certain 2005–2007 Endeavor, Galant and Eclipse and 2007 Eclipse Spyder: the bracket for the left rear fuel tank strap may split, and the tank could drop. Free inspection and repair. OFFICIAL [10]

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

10V-065 · Fuel filler pipe may corrode (2004–2010 Endeavor, salt states)

NHTSA lists this model and year: check by VIN

Certain 2004–2010 Endeavor in road-salt states: the fuel tank filler pipe can corrode and leak fuel. Free repair. OFFICIAL [10]

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

Other 3.0/3.5/3.8L 6G72/6G74/6G75 V6 recalls we track, not listed by NHTSA for this model and year: 03V-442 (fuel return hose fitting may be restricted (2003 Eclipse, Galant)), 04V-312 (fuel return hose fitting may be badly molded (2004 Eclipse)).

EVERY RECALL NHTSA LISTS FOR THE 2007 MITSUBISHI ENDEAVOR (5)

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
10V-065 3.0/3.5/3.8L 6G72/6G74/6G75 V6 tracked	Fuel tank filler pipe (salt states)	The filler pipe can corrode and leak fuel, which can start a fire. Details
08V-454 3.0/3.5/3.8L 6G72/6G74/6G75 V6 tracked	Fuel tank strap bracket	A cracked bracket can let the fuel tank shift and leak fuel, which can start a fire. Details
08V-139	Electrical system · ignition key interlock cable	The ignition key can be removed when the shifter is not in Park, so the vehicle could roll away if the parking brake is not set. Details

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
08V-022	Seat belts · right lower anchor	The seat belt anchor bracket can break in a severe crash, so the belt may not hold the occupant. Details
10V-514	Heater / A/C controller (manual A/C)	Vent airflow and temperature can change on their own, which can hurt defroster performance and visibility. Details

Source: NHTSA recalls API, fetched 2026-10-28 and combined across NHTSA model names: ENDEAVOR. 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 (ENDEAVOR): None. NHTSA lists 08V-139 for the 2007 Endeavor although its summary names 2004–2006 models, and 10V-514 applies only to Endeavors with manual air conditioning; a VIN check shows whether either applies.

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 (Endeavor). Left out because they apply to other models, years, engine sizes or body codes: Exhaust-manifold catalytic converter (P0421 / P0431).

1 Timing belt, tensioner and water pump

Past the range

Severity: High: overheating, stalls, limp mode or a big bill · 8 mentions in counted NHTSA complaints COMPUTED FROM NHTSA DATA

At 110,000 mi this car is past the reported range (Typical 60,000–100,000 miles; check the owner's schedule). If the original parts are still fitted, have them checked and plan for them. Range: Typical 60,000–100,000 miles; check the owner's schedule FORUM/BLOG [2]



WHAT FAILS FORUM/BLOG [2][1]

These V6 engines use a timing belt with a hydraulic tensioner, and the belt also drives the water pump. The 3.8L is an interference engine: if the belt breaks, the valves hit the pistons. Owners report broken belts and seized pulleys.

SYMPTOMS

- No service record for the belt
- Coolant seep at the water pump
- Whine or rattle from the belt cover

IF IT'S LEFT TOO LONG

A broken belt stops the engine; on the 3.8L it can bend valves.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Yes. Replace the belt, tensioner, idlers and water pump together when due or when there is no record.

ESTIMATED REPAIR COST

Timing belt replacement, 2004 Endeavor (KBB range)	**Our price is in the plan above** ask us for a written quote
No published bill for valve damage	**No published price** reported range for the bill after a failure

PARTS FOR ENDEAVOR

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

QUESTIONS TO ASK US

- When was the timing belt done, and with the water pump?

2 Automatic transmission (shift flare, harsh shifts, failure)

Inside the range

Severity: High: overheating, stalls, limp mode or a big bill · 120 mentions in counted NHTSA complaints COMPUTED FROM NHTSA DATA

At 110,000 mi this car is inside the reported range (Endeavor 4-speed automatic, often 100,000–130,000 miles), 10,000 miles past where reports start. Range: Endeavor 4-speed automatic, often 100,000–130,000 miles FORUM/BLOG [6]



WHAT FAILS FORUM/BLOG [4][5][6]

The automatic paired with these V6 engines can flare (rev up) on the 2-3 upshift; Mitsubishi has a bulletin for it and RepairPal lists it as the most common Endeavor problem. The 4-speed can also shift harshly and wear out early.

SYMPTOMS

- Engine flares on the 2-3 upshift
- Harsh or late shifts
- Slipping or no drive

IF IT'S LEFT TOO LONG

A slipping transmission gets worse and can leave the car without drive.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Check fluid level and condition and the shift quality on a road test; a fluid service and PCM relearn may help early.

ESTIMATED REPAIR COST

Diagnosis and fluid service (no published price)	**Our price is in the plan above** ask us for a written quote
Owner-reported repair bills in NHTSA complaints (n=5)	**$1,000–$3,700** COMPUTED FROM NHTSA DATA [1] reported range for the bill after a failure

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 $3,680). Examples: ODI 10106016, 10255920, 10224750, 10166323. Owner-reported, often dealer prices; not shop quotes.

PARTS FOR ENDEAVOR

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

QUESTIONS TO ASK US

- Any flare, slip or harsh shifts?
- Transmission fluid ever changed?

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3 Ignition coils overheating (corroded ground)

Any mileage

Severity: Medium: leaks and wear · 6 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (2006–2009 Eclipse, Galant and related V6 models), so mileage doesn't say much here. Range: 2006–2009 Eclipse, Galant and related V6 models OFFICIAL [8]

WHAT FAILS OFFICIAL [8]

Mitsubishi found coils that overheat and can melt. High resistance at engine ground point #12, often after a battery change, makes the coils run hot. Clean the ground before replacing coils.

SYMPTOMS

- Misfire or rough running
- Check-engine light with misfire codes
- Melted or cracked coil

ESTIMATED REPAIR COST

Ground clean and repair (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 ENDEAVOR

IF IT'S LEFT TOO LONG

Misfires can damage the catalytic converters.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Inspect and clean ground point #12 at the first misfire or after a battery replacement.

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

QUESTIONS TO ASK US

- Battery replaced recently?
- Any misfire codes?

5 · ALSO REPORTED, NOT RANKED

Other themes in 3.0/3.5/3.8L 6G72/6G74/6G75 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
Coolant / overheating	92	Mixed causes (radiators, water pumps, heater cores); the belt-driven water pump is covered under the timing belt item.
Stalling / loss of power	85	Mixed causes in the complaint text (fuel delivery, sensors, electrical); older 2000–2003 cars had PCM updates for cold misfire and hot restart.

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 27, 2026 from NHTSA's complaints API for All Endeavor, Montero and Diamante complaints; Galant and Eclipse complaints that name the V6, 3.0, 3.8, GT or GTS; Montero Sport complaints that do not mention the 2.4 four; 2001–2005 Sebring and Stratus complaints filed as or describing a coupe (hand-checked) that name the V6, 3.0, R/T or LXi. The Outlander 3.0 V6 (6B31) is a different engine family and is not included: 1,398 complaints. Some of these nameplates were sold with other engines too. For some we kept only complaints whose text names this engine (which under-counts); for others we left out complaints that name another engine or a hybrid (so a few about other engines can remain). Themes are keyword matches on the complaint text. `COMPUTED FROM NHTSA DATA`

THEME	COMPLAINTS	IN THIS REPORT
Transmission	120	Item 2
Coolant / overheating	92	Also reported
Stalling / loss of power	85	Also reported
Timing belt	8	Item 1
Misfire / coils	6	Item 3
Catalytic converter	5	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 2004–2011 Endeavor, V6 Galant (2000–2009), V6 Eclipse and Eclipse Spyder (2000–2012), Montero (2000–2006), Montero Sport V6 (2000–2004) Diamante (2000–2004) and V6 Sebring / Stratus coupes (2001–2005), pulled Oct 27, 2026 (ODI numbers in the cost notes) `OFFICIAL`
https://www.nhtsa.gov/report-a-safety-problem#complaints

2. Go-Parts: 2006–2012 Mitsubishi Eclipse timing belt kit with water pump (3.8L V6 is an interference engine; the belt drives the water pump; 60,000–100,000 miles), via search extract Oct 28, 2026 `FORUM/BLOG`
https://www.go-parts.com/garage/ps-2006-2012-mitsubishi-eclipse-engine-timing-belt-kit-with-water-pump

3. Kelley Blue Book: 2004 Mitsubishi Endeavor timing belt replacement, fair repair range, via search extract Oct 28, 2026 SHOP/RETAILER
https://www.kbb.com/mitsubishi/endeavor/2004/timing-belt-replacement

4. Mitsubishi TSB 05-23-004: 2-3 shift flare (automatic transaxle), 2001–2005 V6 models (2005-07-01), filed with NHTSA OFFICIAL
https://www.nhtsa.gov/?nhtsaId=10016754

5. RepairPal: Mitsubishi Endeavor problems (most common: 2-3 shift flare from the automatic transmission), via search extract Oct 28, 2026 SHOP/RETAILER
https://repairpal.com/mitsubishi/endeavor

6. Au7o: Mitsubishi Endeavor problems (4-speed automatic harsh shifting and wear, often failing at 100,000–130,000 miles), via search extract Oct 28, 2026. AI-assisted site, not independently verified FORUM/BLOG
https://au7o.io/known-issues/mitsubishi-endeavor

7. Mitsubishi TSB-13-15-001: Exhaust-manifold catalytic converter (P0421/P0431) warranty extension to 10 years / 120,000 miles in certain states, 2006–2008 Galant V6, Eclipse V6 and Eclipse Spyder V6 (2013-12-19), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2013/MC-10173901-0001.pdf

8. Mitsubishi GRP-16: Ignition coils can overheat and melt from a corroded ground point #12 (2009-04-01), filed with NHTSA OFFICIAL
https://www.nhtsa.gov/?nhtsaId=10030267

9. Tekmetric: average auto repair labor rates by state, 2026 SHOP/RETAILER
https://tours.tekmetric.com/answers/average-auto-repair-labor-rates-by-state-2026

10. NHTSA recall records: 08V-454 (fuel tank strap bracket), 10V-065 (Endeavor fuel filler pipe), 03V-442 / 04V-312 (fuel return hose), checked Oct 27, 2026 OFFICIAL
https://www.nhtsa.gov/recalls?nhtsaId=08V454000

11. fueleconomy.gov: 2001–2005 Chrysler Sebring and Dodge Stratus coupes (2.4L four and 3.0L V6; the sedans and convertibles list the 2.4L and 2.7L instead), checked Oct 28, 2026 OFFICIAL
https://www.fueleconomy.gov/feg/bymodel/2003_Dodge_Stratus.shtml

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

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

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