



Vehicle Health Index™

2026

AT A GLANCE

Check Engine Light Repair Trends

Each April during National Car Care Month, CarMD publishes the Vehicle Health Index to help drivers understand the most common reasons for a Check Engine Light and what those repairs cost. This year's analysis is based on failures and recommended repairs in the U.S. in 2025.

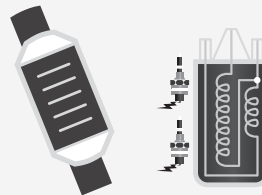
Key Findings



+ Average Check Engine Light (CEL) repair cost reached an all-time high: \$554 (+33% YoY)

↑ LABOR 51%
↑ PARTS 23%

+ Labor costs surged 51%, while parts costs rose 23%. Labor costs rose faster than parts, influenced by repair complexity



+ Parts inflation was driven by higher material cost of components and repair complexity

AVG. VEHICLE AGE:
12.8 yrs.



+ Top cost driver: Aging vehicles
(Source: S&P Global Mobility)

Why This Matters for Drivers

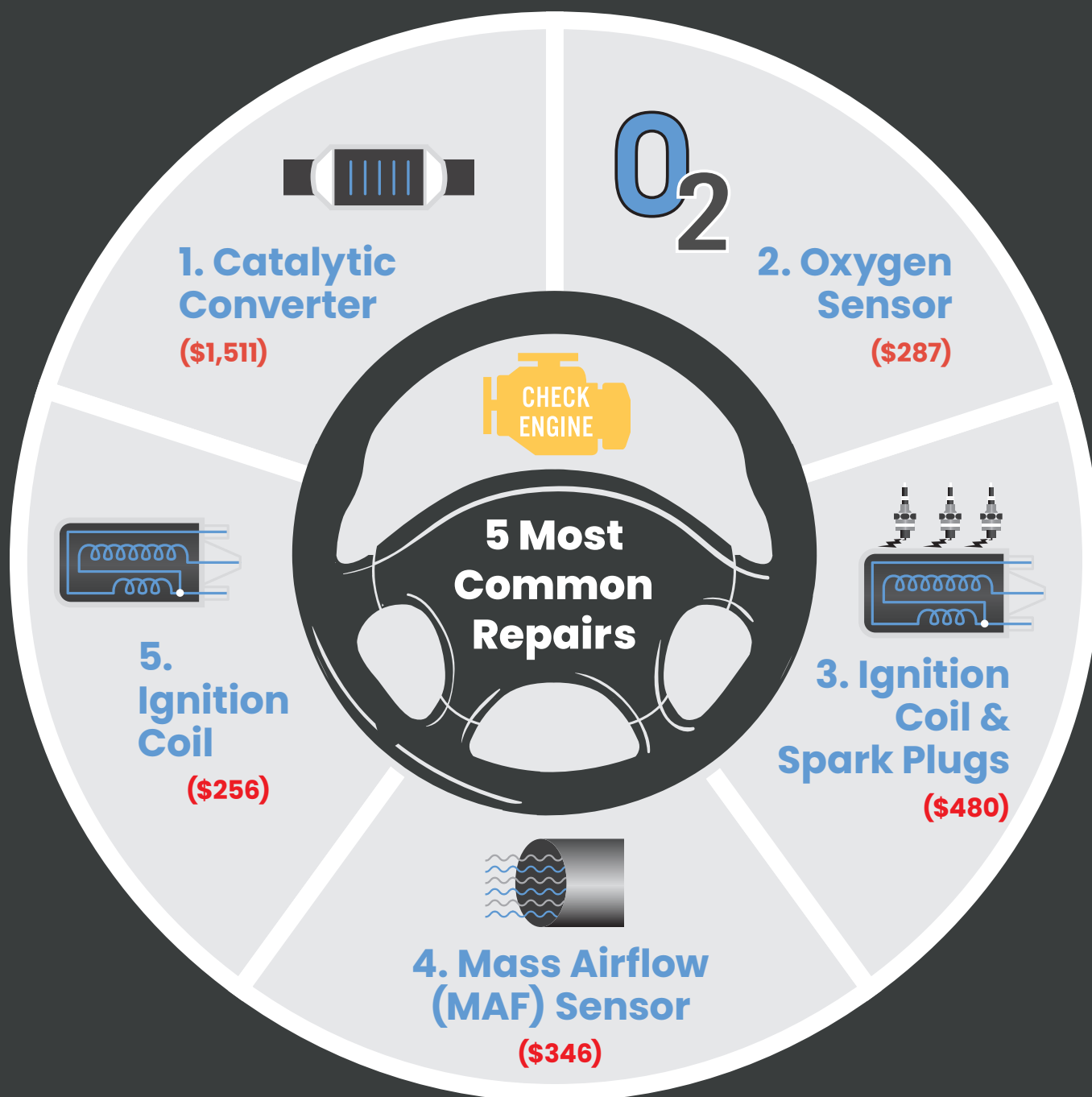


Many are preventable by fixing small issues early (misfires, loose gas caps, clogged filters) before they cascade into expensive problems.

- + **Small problems = big bills if ignored**
- + Fuel economy suffers when sensors fail – **crucial as gas prices rise!**
- + Aging vehicles mean more wear failures

Safety System Failures Also Rising

+ This year's Index shows a rise in diagnosis of dashboard alerts tied to safety systems. The ABS wheel speed sensor appears in the national Top 10 list for the first time, indicating more diagnosis of issues connected to braking and traction control systems. TPMS (tire pressure) sensors also remain among the most frequent repairs, reinforcing the importance of proper tire pressure monitoring.



CALENDAR YEAR 2025

The 10 Most Common Check Engine Vehicle Repairs in the U.S.



- + Catalytic converter replacement is #1 for the second consecutive year. A catalytic converter usually won't fail on newer vehicles unless a related root cause – like a faulty spark plug or O2 sensor – is ignored. As drivers keep their cars longer, vehicles will outlast parts like catalytic converters. It's not surprising to see this repair more often as drivers hold onto vehicles longer than before with the average vehicle age at an all-time high of 12.8 years.
- + ABS wheel speed sensor, which can trigger both the check engine light and ABS light indicating a problem with the car's anti-lock brakes, enters the Top 10 for the first time.
- + Gas cap repairs drop off the list, largely because of capless designs, driver education and courtesy diagnostics.

RANK	VEHICLE REPAIR	TOTAL AVERAGE REPAIR COST (PARTS & LABOR)	% 2025 REPAIRS	CHANGE IN RANK SINCE 2024
1	Replace Catalytic Converter(s)	\$1,510.88	7.43%	No change
2	Replace Oxygen Sensor(s) (O2S)	\$286.87	6.68%	No change
3	Replace Ignition Coil(s) and Spark Plug(s)	\$480.21	6.00%	No change
4	Replace Mass Air Flow (MAF) Sensor	\$346.21	5.77%	No change
5	Replace Ignition Coil(s)	\$256.45	5.02%	Up from no. 6
6	Replace Evaporative Emissions (EVAP) Canister Purge Control Valve	\$172.12	4.93%	Down from no. 5
7	Replace Fuel Injector(s)	\$572.27	2.76%	Up from no. 8
8	Replace ABS Wheel Speed Sensor	\$314.40	2.72%	New to list
9	Replace Thermostat	\$323.59	2.44%	No change
10	Replace Spark Plug(s)	\$299.47	1.84%	New to list

(10 most common vehicle repairs are based on 39,116,755 repairs recommended in calendar year 2025 on 1996–2024 model year vehicles. Source: CarMD.com Corp.)

2025

10 Most Common Check Engine Light Repairs



1. Catalytic Converter

7.43% of 2025 repairs | Avg. Cost \$1,511

SYMPTOMS

Sluggish performance, dark exhaust, heat under vehicle

CAUSE

Usually won't fail unless triggered by unresolved misfires or failed O₂ sensors, or vehicle age

WHY IT MATTERS

Most expensive preventable repair, but more common as drivers keep their cars longer



2. Oxygen Sensor

6.68% of 2025 repairs | Avg. Cost \$287

SYMPTOMS

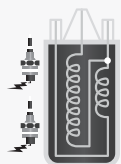
Poor fuel economy, rough idle, often few symptoms aside from the check engine light

CAUSE

Age, lack of maintenance, clogged air filters

WHY IT MATTERS

Many drivers ignore the O₂ sensor because it seems like the vehicle is driving fine, but ignoring it accelerates catalytic converter failure and reduces fuel economy by as much as 40%



3. Replace Ignition Coil(s) and Spark Plug(s)

6.0% of 2025 repairs | Avg. Cost \$480

SYMPTOMS

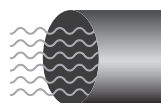
Poor acceleration, loss of power, poor fuel economy, engine misfires, trouble starting

CAUSE

Worn plugs stressing coils; example of how ignoring a smaller problem like a spark plug can snowball into the need for more than one part, adding ignition coil-related costs to the repair bill

WHY IT MATTERS

Leads to costly emissions failures if ignored



4. Mass Air Flow Sensor

5.77% of 2025 repairs | Avg. Cost \$346

SYMPTOMS

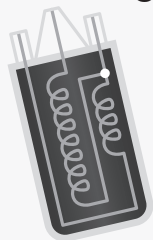
Stalling, hesitation, poor MPG

CAUSE

Contamination or aging

WHY IT MATTERS

Affects performance and fuel efficiency



5. Ignition Coils

5.02% of 2025 repairs | Avg. Cost \$256

SYMPTOMS

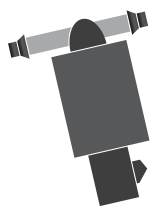
Rough idle, hard starts, misfires

CAUSE

Excessive heat, aging, worn spark plugs make coil work harder, oil leaks

WHY IT MATTERS

Can damage catalytic converter if not replaced promptly



6. EVAP Canister Purge Control Valve

4.93% of 2025 repairs | Avg. Cost \$172

SYMPTOMS

Rough idle, reduced fuel economy, hard starts

CAUSE

Faulty valve, corroded connectors, or purge flow outside expected range

WHY IT MATTERS

EVAP issues share symptoms with many other problems — proper diagnosis is important to avoid unnecessary parts replacement



7. Fuel Injector(s)

2.76% of 2025 repairs | Avg. Cost \$572

SYMPTOMS

Misfires, poor idling, reduced fuel economy, performance issues

CAUSE

Wear, clogging, or electrical failure in one or more injectors

WHY IT MATTERS

Failures can affect combustion balance and lead to drivability issues or catalytic converter stress



8. ABS Wheel Speed Sensor

2.72% of 2025 repairs | Avg. Cost \$314

SYMPTOMS

ABS and/or traction control lights, loss of ABS function, wheel lockup during hard braking, low speed brake pulsation

CAUSE

Sensor degradation, wiring faults, or debris interference

WHY IT MATTERS

Affects stability control, braking behavior, and can disable connected systems such as cruise control

9. Thermostat

2.44% of 2025 repairs | Avg. Cost \$314



SYMPTOMS

Failure to reach operating temperature, engine overheating

CAUSE

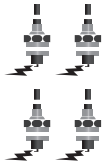
Thermostat stuck open, rust, lack of coolant changes, or exposure to extreme temperatures

WHY IT MATTERS

Incorrect coolant temperature affects performance, fuel economy, and emissions — and can cause secondary engine issues

10. Spark Plug(s)

1.84% of 2025 repairs | Avg. Cost \$299



SYMPTOMS

Misfires, reduced performance, poor cold starts, increased fuel use

CAUSE

Normal wear from age, heat, and combustion cycles

WHY IT MATTERS

Often replaced together with ignition coils; worn plugs can trigger misfires that lead to more expensive ignition and emissions repairs

2009 – 2025

National Repair Costs

CarMD finds check engine-related car repair costs jumped 33% in 2025, hitting an all-time high of \$554, driven by simultaneous increases in both labor and parts costs.

What Drove Labor Costs Up 51%

- + **Higher labor rates:** Regional labor rates increased from just over 1% in the Midwest to nearly 5% in the West.
- + **Longer repair procedures and complex vehicles:** What used to be simple repairs, now often require, more diagnostic time, specialized tools and advanced skills.

What Drove Parts Costs Up 23%

- + **Increased part quantities:** In some cases, the number of parts required per repair has risen. While this does not apply to all fixes, it has contributed to higher overall costs.
- + **Higher material and manufacturing costs:** Increased cost of many common repair components, some due to tariffs on imported repair components (sensors, modules) being passed to consumers.

Other Factors Behind the 33% Jump

- + **Cars are older than ever:** The average vehicle age reached 12.8 years, increasing repair volume and severity.
- + **Delayed maintenance:** As consumers postpone routine service, minor issues escalate into major component failures (e.g., misfires damaging catalytic converters).
- + **CarMD** updates parts and labor costs annually so recommended parts and labor costs are current.

Year	Labor	Parts	Total Average Repair Cost
2009	\$138.37	\$221.13	\$359.50
2010	\$143.61	\$212.44	\$356.05
2011	\$118.61	\$215.32	\$333.93
2012	\$138.96	\$228.88	\$367.84
2013	\$157.23	\$235.26	\$392.49
2014	\$161.61	\$228.77	\$390.38
2015	\$155.15	\$232.16	\$387.31
2016	\$162.46	\$235.41	\$397.87
2017	\$141.16	\$216.29	\$357.45
2018	\$157.04	\$223.81	\$380.85
2019	\$148.26	\$236.64	\$384.90
2020	\$144.09	\$234.68	\$378.77
2021	\$143.35	\$249.22	\$392.57
2022	\$142.66	\$261.05	\$403.71
2023	\$144.53	\$283.03	\$427.56
2024	\$146.61	\$268.70	\$415.31
2025	\$222.03	\$331.98	\$554.01

Regional Repair Costs

Repair costs were up in all four regions of the U.S. in calendar year 2025.

Vehicle owners in the Northeast paid the most for check engine-related car repairs (\$565). And vehicle owners in the Midwest still paid the least on average (\$526).

The Northeast had the highest average parts cost (\$357.19), offset by the lowest average labor cost (\$208.27). This is not an hourly rate, but the average amount of labor time charged for repairs. It can be impacted by regional labor rates, what an individual shop charges to do the repair, and how difficult the repairs are.

The West had the highest labor cost (\$226.36), which is not surprising given this region saw the largest increase in year-over-year hourly labor rates.

The Midwest had the lowest average parts costs (\$309.91). This can partially be explained by the type of repair, as the most common repair in the Midwest was “replace O2 sensor” – a more affordable fix than “replace catalytic converter,” which topped the list in the other three regions.

2025 Average Cost to Repair a Check Engine Light Issue – By Region

West: \$554.82

Average Labor Cost: \$226.36
(up 56% from last year)

Average Parts Cost: \$328.46
(up 15% from last year)

Midwest: \$525.83

Average Labor Cost: \$215.92
(up 47% from last year)

Average Parts Cost: \$309.91
(up 21% from last year)

Northeast: \$565.46

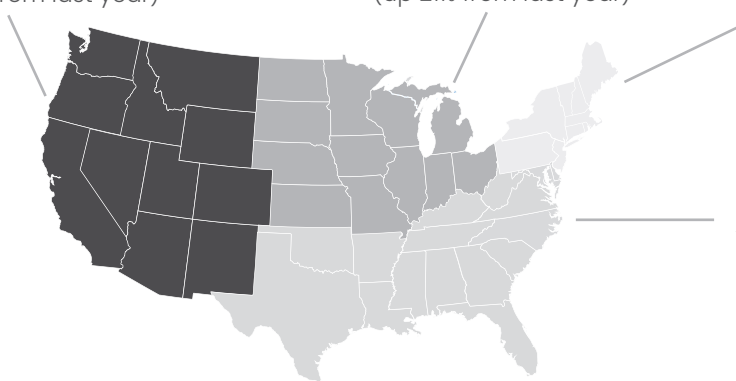
Average Labor Cost: \$208.27
(up 48% from last year)

Average Parts Cost: \$357.19
(up 29% from last year)

South: \$563.41

Average Labor Cost: \$217.90
(up 47% from last year)

Average Parts Cost: \$345.51
(up 29% from last year)



Yearly Comparison of Regional Average Check Engine-Related Repair Costs

Source: CarMD.com Corp.

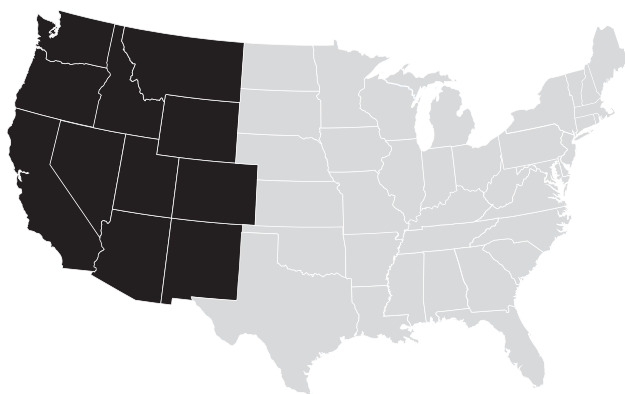
Region	Total Average Repair Costs (2023)	Total Average Repair Costs (2024)	Total Average Repair Costs (2025)	Percentage increase from 2024 to 2025
South	\$432.31	\$416.55	\$563.41	↑ Up 35.3%
West	\$436.65	\$429.69	\$554.82	↑ Up 29.1%
Midwest	\$393.22	\$402.89	\$525.83	↑ Up 30.5%
Northeast	\$421.65	\$416.32	\$565.46	↑ Up 35.8%

2025

Western Repair Costs & Data

The 10 Most Common Check Engine Vehicle Repairs in the Western U.S.

Rank	Vehicle Repair	Total Average Repair Cost (Parts & Labor)	% 2025 Western U.S. Repairs	Change In Rank Since 2024
1	Replace Catalytic Converter(s)	\$1,475.44	7.37%	No change
2	Replace Oxygen Sensor(s) (O2s)	\$288.26	6.65%	No change
3	Replace Ignition Coil(s) and Spark Plug(s)	\$479.85	5.91%	Up from no. 4
4	Replace Mass Air Flow (MAF) Sensor	\$347.29	5.82%	Down from no. 3
5	Replace Ignition Coil(s)	\$257.93	5.09%	Up from no. 6
6	Replace Evaporative Emissions (EVAP) Canister Purge Control Valve	\$172.47	4.81%	Up from no. 7
7	Replace Fuel Injector(s)	\$573.52	2.77%	Up from no. 8
8	Replace ABS Wheel Speed Sensor	\$319.18	2.56%	New to the list
9	Replace Thermostat	\$321.05	2.42%	No change
10	Replace Spark Plug(s)	\$298.81	1.88%	New to list



29.1%

\$554.82

Average cost to repair a vehicle's check engine light problem in the Western U.S. in 2025.

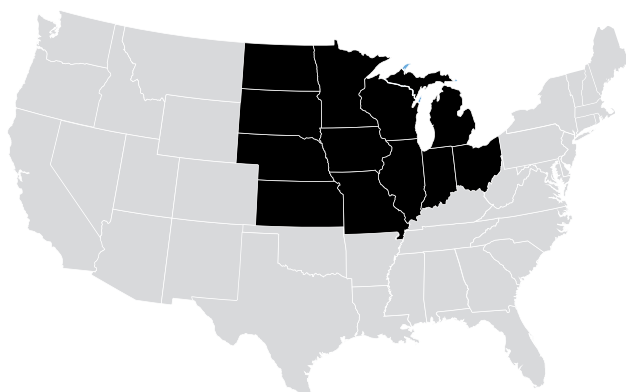
(10 most common vehicle repairs in the Western U.S. are based on 22,066,264 diagnosed repairs in 2025 in AK, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA and WY. This data applies to roughly 85% of cars, light trucks, minivans and SUVs on the road in the U.S. – foreign and domestic. Source: CarMD.com Corp.)

2025

Midwestern Repair Costs & Data

The 10 Most Common Check Engine Vehicle Repairs in the midwestern U.S.

Rank	Vehicle Repair	Total Average Repair Cost (Parts & Labor)	% 2025 Midwestern U.S. Repairs	Change In Rank Since 2024
1	Replace Oxygen Sensor(s) (O2s)	\$273.96	7.05%	No Change
2	Replace Catalytic Converter(s)	\$1,539.25	7.04%	No Change
3	Replace Evaporative Emissions (EVAP) Canister Purge Control Valve	\$168.62	5.94%	Up from no. 4
4	Replace Ignition Coil(s) and Spark Plug(s)	\$479.99	5.61%	Down from no. 3
5	Replace Mass Air Flow (MAF) Sensor	\$329.76	5.29%	No Change
6	Replace Ignition Coil(s)	\$255.17	4.05%	No Change
7	Replace ABS Wheel Speed Sensor	\$309.23	2.80%	New to the list
8	Replace Fuel Injector(s)	\$550.14	2.71%	No Change
9	Replace Thermostat	\$325.46	2.53%	No Change
10	Replace Evaporative Emissions (EVAP) Purge Solenoid	\$185.01	1.97%	No Change



30.5%

\$525.83

Average cost to repair a vehicle's check engine light problem in the Midwestern U.S. in 2025.

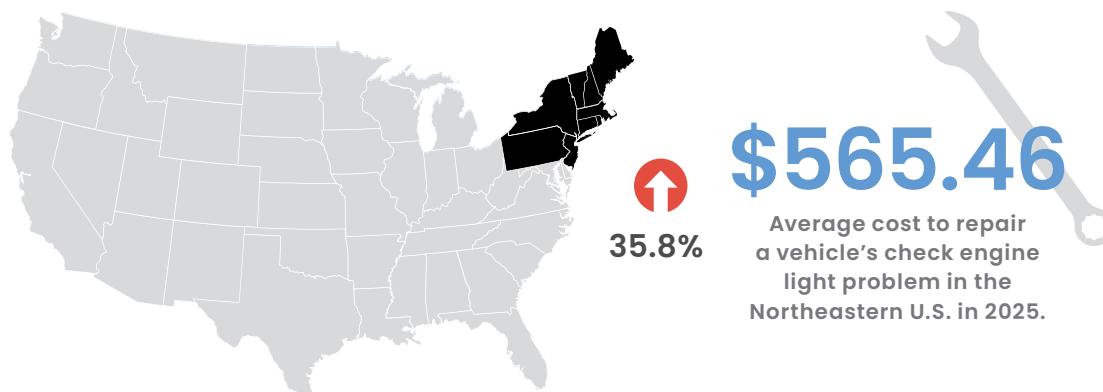
(10 most common vehicle repairs in the Midwestern U.S. are based on 4,821,375 repairs in 2025 in IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD and WI. This data applies to roughly 85% of cars, light trucks, minivans and SUVs on the road in the U.S. – foreign and domestic. Source: CarMD.com Corp.)

2025

Northeastern Repair Costs & Data

The 10 Most Common Check Engine Vehicle Repairs in the Northeastern U.S.

Rank	Vehicle Repair	Total Average Repair Cost (Parts & Labor)	% 2025 Northeast U.S. Repairs	Change In Rank Since 2024
1	Replace Catalytic Converter(s)	\$1,534.63	8.12%	No Change
2	Replace Oxygen Sensor(s) (O2S)	\$310.95	6.91%	No Change
3	Replace Mass Air Flow (MAF) Sensor	\$356.81	5.50%	Up from no. 4
4	Replace Ignition Coil(s) and Spark Plug(s)	\$479.81	5.32%	Up from no. 5
5	Replace Evaporative Emissions (EVAP) Canister Purge Control Valve	\$173.08	5.25%	Up from no. 6
6	Replace Ignition Coil(s)	\$258.14	4.78%	No Change
7	Replace ABS Wheel Speed Sensor	\$306.92	4.37%	New to the list
8	Replace Thermostat	\$330.72	2.38%	Up from no. 10
9	Replace Tire Pressure Monitoring System (TPMS) Sensor	\$241.40	2.28%	New to the list
10	Replace Fuel Injector(s)	\$596.30	2.16%	Down from no. 8



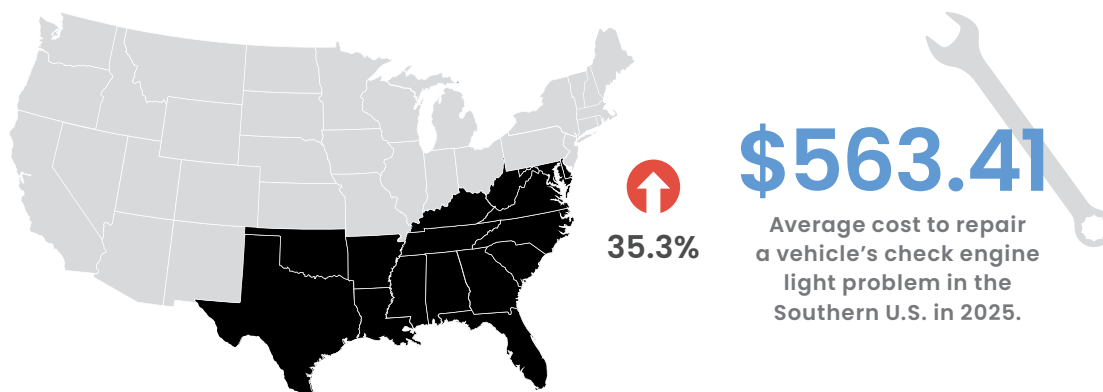
(10 most common vehicle repairs in the Northeastern U.S. are based on 1,592,830 repairs in 2025 in CT, MA, ME, NH, NJ, NY, PA, RI and VT. This data applies to roughly 85% of cars, light trucks, minivans and SUVs on the road in the U.S. – foreign and domestic. Source: CarMD.com Corp.)

2025

Southern Repair Costs & Data

The 10 Most Common Check Engine Vehicle Repairs in the Southern U.S.

Rank	Vehicle Repair	Total Average Repair Cost (Parts & Labor)	% 2025 Southern U.S. Repairs	Change In Rank Since 2024
1	Replace Catalytic Converter(s)	\$1,566.36	7.61%	No Change
2	Replace Oxygen Sensor(s) (O2S)	\$286.42	6.53%	No Change
3	Replace Ignition Coil(s) and Spark Plug(s)	\$481.03	6.47%	No Change
4	Replace Mass Air Flow (MAF) Sensor	\$349.22	5.92%	No Change
5	Replace Ignition Coil(s)	\$253.73	5.36%	No Change
6	Replace Evaporative Emissions (EVAP) Canister Purge Control Valve	\$173.25	4.67%	No Change
7	Replace Fuel Injector(s)	\$576.54	2.86%	Up from no. 8
8	Replace ABS Wheel Speed Sensor	\$309.36	2.76%	New to the list
9	Replace Thermostat	\$326.87	2.46%	No Change
10	Replace Tire Pressure Monitoring System (TPMS) Sensor	\$238.03	1.97%	New to the list

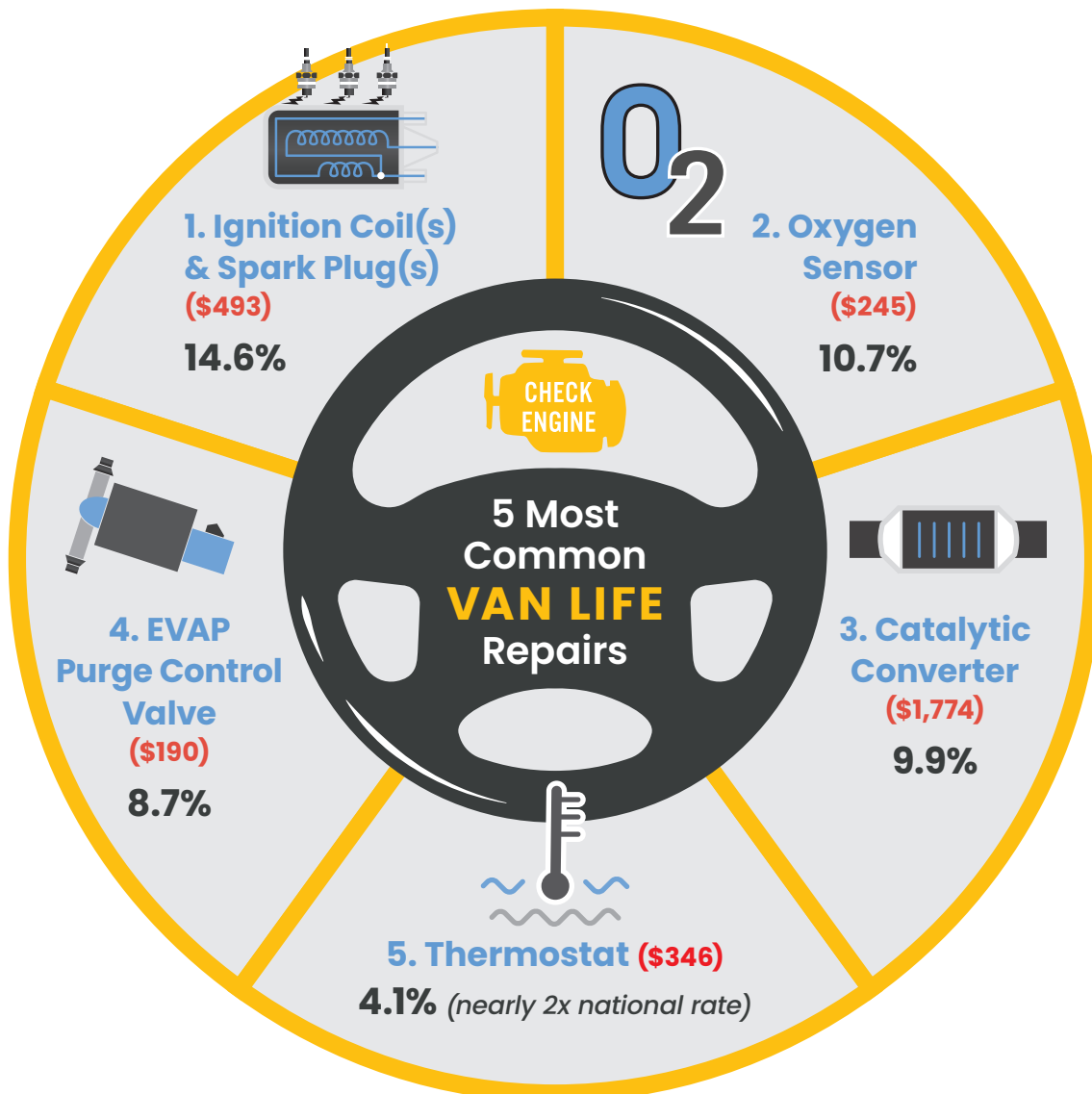
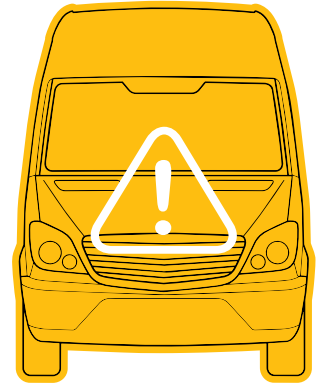


(10 most common vehicle repairs in the Southern U.S. are based on 10,636,286 repairs in 2025 in AL, AR, DC, DE, FL, GA, KY, LA, MD, MS, NC, OK, TN, VA, SC, TX and WV. This data applies to roughly 85% of cars, light trucks, minivans and SUVs on the road in the U.S. – foreign and domestic. Source: CarMD.com Corp.)

SPECIAL REPORT

2025 Van Life Repair Trends

CarMD's first national review of repair trends for van life platforms — the **Mercedes Sprinter**, **Ram ProMaster**, and **Ford Transit** — shows patterns across millions of check engine-related repairs. These Class B RVs experience elevated stress due to long distance travel, heavy builds, higher loads and exposure to wide temperature changes — key ahead of the summer driving season. Analysis is based on 630,000+ repairs across Sprinter, Transit & ProMaster platforms.



SPECIAL REPORT

What's Distinctive About Van Life Repairs?

- + **INCREASED COOLING/AIRFLOW STRESS** – Thermostat and temperature-related sensor failures more frequent.
- + **MORE TURBO & DIESEL REPAIRS** – Transit EcoBoost: boost sensors, wastegate solenoids. Sprinter: DPF, DEF pumps/heaters, NOx sensors, EGR valves.
- + **HIGHER TRANSMISSION-RELATED FAILURES** – Solenoids, valve bodies, TCMs, and transmission replacements appear **more often** in van life repairs than general population.



Trends & Takeaways for Van Lifers

For “van life” builds, the biggest repair realities are:

- + **REPAIRS COST MORE THAN PASSENGER** cars (commercial-duty brakes/tires, complex diesels/turbos, and electronics).
- + **DOWNTIME HURTS MORE** because the van is both your home and transport.
- + **“VAN LIFE STRESS” ACCELERATES WEAR ON EMISSIONS & IGNITION SYSTEMS.** Heavy builds, long highway days, mountain grades, and heat exposure lead to higher failure rates for parts from thermostats to catalytic converters.
- + **VANS WITH TURBOS OR DIESELS FACE EXTRA COMPLEXITY – AND HIGHER REPAIR COSTS.** Sprinter DPF/DEF/NOx systems and Transit turbo components show much higher repair counts than the general population.
- + **SENSORS ARE THE “ACHILLES HEEL” OF MODERN ADVENTURE VANS.** ABS, MAP, FRP, CMP/CKP, and turbo-system sensors appear at higher frequency due to environmental and operational extremes.
- + **WEIGHT MATTERS MORE THAN VAN OWNERS EXPECT.** Increased vehicle mass (water tanks, batteries, conversions, cargo) elevates transmission stress, cooling system load, fuel system strain and sensor failure frequency.
- + **PREVENTIVE CHECKS ARE DISPROPORTIONATELY VALUABLE FOR VAN LIFERS.** Highly preventive-sensitive components include O₂ sensors, spark plugs, thermostats, and boost hoses & clamps. Regular inspection avoids cascading repairs – early detection is everything!

SPECIAL REPORT

CarMD Connect lets full-timers and weekend warriors protect your investment by proactively monitoring rig health to catch problems before they turn into expensive repairs or leave you stranded.

- + Get instant vehicle health alerts on your phone
- + See exactly what's wrong and what repairs should cost — no guessing in the middle of nowhere
- + Keep maintenance on schedule during long travel seasons



Platform Specific Repair Patterns



MERCEDES SPRINTER (DIESEL)

Sprinters tend to have the highest parts/labor costs. Common causes for a check engine light on Mercedes Sprinter van include bad DEF/Nox sensor or EGR valve, and bad Diesel Particulate Filter. DPF repairs often exceed \$1,000 in labor and \$2,300 in parts.



RAM PROMASTER (62TE TRANSMISSION)

ProMasters often have more front-end/suspension and transmission complaints when heavily loaded. They are also prone to transmission-related electronic failures as well as HVAC blend-door actuator issues. Transmission repairs generally fall between \$400–\$2,000+ depending on the underlying component.



FORD TRANSIT (GAS / ECOBOOST)

Transits are generally cheaper and easier to service. The top causes for CEL on Ford Transit vans include loose or bad gas cap, purge valve, O2 sensor or catalytic converter. There are also frequent problems with turbo/boost leaks on EcoBoost models. Simple fixes like a gas cap or minor sensor can be as little as \$50 to \$250, while common EcoBoost issues like boost leaks or EVAP repairs can run upwards of \$500.

Van Life DTCs

For van-life owners, the scariest diagnostic trouble codes are those pointing to major engine or transmission failure. Examples:

- + **P0700/P07XX** series with harsh shifting or no movement (transmission failure)
- + **P0087/P0088/P020X/P030X** with severe misfire or metal in oil (internal engine damage), or diesel Sprinter codes for low compression or high-pressure fuel pump failure with metal contamination.

Any of these needs prompt professional diagnosis. If you ever get a check engine light plus drivability issues, use a scanner (like the 2200 CarMD Connect Dongle) immediately and stop driving if the van is bucking, slipping, or knocking.

Who can benefit from CarMD's data?

- + **AUTOMOTIVE AFTERMARKET** – The CarMD Index can inform B2B parts manufacturers and aftermarket retail buyers to see year-over-year parts failure trends for parts quantity forecasting.
- + **REPAIR SHOPS** – Repair professionals can see the type of parts most likely to be needed when a car rolls into the service bay and if their pricing is in line with average repair costs in their region.
- + **VEHICLE OWNERS** – This report can educate drivers about the importance of addressing dashboard warning lights for better fuel economy and vehicle reliability. Visit CarMD.com to hear about new resources coming soon to help consumers feel connected, informed and secure when it comes to car health.

What is distinctive about CarMD's Index?

Published annually since 2011, the CarMD Vehicle Health Index is the first and most comprehensive industry report to provide consumers and the automotive aftermarket with year-over-year check engine light repair insight.

Since 1996, every car, light truck, SUV, minivan and hybrid sold in the US has been required to have an on-board diagnostic (OBD2) system. It triggers the check engine light to alert drivers about issues related to emissions, fuel economy and drivability.

CarMD is uniquely qualified to provide unbiased data on repair costs and trends having built the most dynamic database of failures and repairs related to vehicle on-board diagnostic systems. The data comes directly from each vehicle's OBDII systems, reported by millions of vehicle owners and the professionals who service them.

The 2026 CarMD Vehicle Health Index statistically analyzes more than 39 million failures and recommended repairs for vehicles in the U.S., over the past calendar year. The year's Index and historical reports are available [here](https://CarMD.com).



Index Methodology

CarMD has compiled the industry’s most comprehensive database of OBD2-related problems and associated fixes uploaded by automotive technicians and vehicle owners.

The data for the 2026 CarMD® Vehicle Health Index™ was procured from vehicles scanned and repairs uploaded to the CarMD diagnostic database from Jan. 1, 2025 to Dec. 31, 2025.

The data was collected and analyzed between Feb. 24, 2026 and Mar. 23, 2026.

Virtually all makes and models of cars, light trucks, minivans, SUVs and hybrids made since 1996 – foreign and domestic – with on board diagnostic second generation (OBD2) technology are included in the Index.

Each recommended repair has been reviewed and validated by CarMD’s team of ASE-certified Master Technicians and then output based on a probability algorithm that considers the vehicle’s year, make, model, mileage, postal code, DTCs and similar vehicle problems to produce a most likely repair.

Because the data stems from those U.S. vehicle owners and automotive technicians who elected to use the diagnostic devices and/or upload data into the CarMD database; no estimates of theoretical sampling error can be calculated.

Repair costs are based on parts and dealer list plus markup. Labor rates are from several sources, including shops using Innova and CarMD cloud-based services, plus average amount of time required for each repair.

Media Contact:

KRISTIN BROCOFF
CarMD.com Corp.
M: 949.400.4899
KristinB@CarMD.com