2015 Mercedes-Benz GLK250 BlueTEC at 98,000 mi

WDCGG0EB0FG123456

MODEL / CHASSIS	ENGINE	MILEAGE	DRIVETRAIN
GLK250 BlueTEC · X204 GLK250 BlueTEC 4MATIC	Mercedes-Benz OM651 2.1L four-cylinder BlueTEC diesel	98,000 mi	AWD
BUILD MONTH	**REPORT DATE**	**MODE**	**PREPARED FOR**
Not entered (door jamb)	October 27, 2026	Owner	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: a qualified technician decides what the car actually needs.

0	0	4
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 (4 of 5)

- **15V-351** · Engine · chain tensioner gasket oil leak: Oil can leak from around the timing-chain tensioner gasket onto hot engine parts, a fire risk. Applies to a build-date window; a VIN check confirms.
- **14V-762** · Engine · chain tensioner gasket oil leak: Oil can leak from around the timing-chain tensioner gasket onto hot engine parts, a fire risk. Applies to a build-date window; a VIN check confirms.
- **19V-010** · Air bags · passenger frontal inflator: The passenger air bag inflator can rupture in a crash and throw metal fragments, which can cause serious injury or death. This recall applies to cars sold or registered in hot, humid regions.
- **17V-627** · Air bags · driver frontal: The driver air bag can deploy without a crash, which can cause injury or a crash.

A model-year list, not a VIN check. The full report lists the others. Repairs are free at a Mercedes-Benz dealer if open. Check this VIN at nhtsa.gov/recalls.

Step 0 · Free: run the VIN at nhtsa.gov/recalls and ask a Mercedes-Benz dealer for a campaign printout, including 14V-762, 15V-351. Read the build month (MM/YY) on the driver's door-jamb label.

Recommended now at the next service

Good news: nothing on the 2.1L OM651 diesel 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

Emissions modification and its extended warranty — `Free if covered` check the VIN

Any mileage (Greater of 10 yr / 120,000 mi from first sale, or 4 yr / 48,000 mi from the modification) · Ask for this check at every service

AdBlue (DEF) heated line and SCR faults — **No published price**

Any mileage (OM651 engines with the Generation 2 SCR system) · Inspect at each service; fix at the first sign

Emissions sensors (PM, exhaust pressure, NOx) — `Free if covered` check the VIN

Any mileage (E250 BlueTEC 2014–2016 and GLK250 BlueTEC 2013–2015; coverage 10 yr / 120,000 mi) · Ask for this check at every service

Two-stage turbo bypass valve rattle — **No published price**

Any mileage (OM651 in the C-, E-, GLK-, ML-, GLE- and SLK-Class (with the two-stage turbo)) · Inspect at each service; fix at the first sign

Recommended now

No repairs due now

Independent shop, installed. Dealers often charge more.

Planned through 128,000 mi

No repairs planned

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 98K SITS FOR EACH WEAK POINT

#	WEAK POINT	REPORTED RANGE	THIS CAR
1	Emissions modification and its extended warranty	Greater of 10 yr / 120,000 mi from first sale, or 4 yr / 48,000 mi from the modification OFFICIAL	Any mileage
2	AdBlue (DEF) heated line and SCR faults	OM651 engines with the Generation 2 SCR system OFFICIAL	Any mileage
3	Emissions sensors (PM, exhaust pressure, NOx)	E250 BlueTEC 2014–2016 and GLK250 BlueTEC 2013–2015; coverage 10 yr / 120,000 mi OFFICIAL	Any mileage
4	Two-stage turbo bypass valve rattle	OM651 in the C-, E-, GLK-, ML-, GLE- and SLK-Class (with the two-stage turbo) 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 Mercedes-Benz GLK250 BlueTEC

Safety recall repairs are free at Mercedes-Benz 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 WDCGG0EB0FG123456.
2. Note every recall shown as “Recall incomplete” and keep a screenshot.
3. Ask a Mercedes-Benz dealer for a campaign printout; it also lists completed campaigns.

2.1L OM651 DIESEL RECALLS WE TRACK

14V-762 · Oil leak at the chain tensioner gasket (2014–2015 BlueTEC)

NHTSA lists this model and year: check by VIN

Certain 2014–2015 E250 BlueTEC, GLK250 BlueTEC and 2015 ML250 BlueTEC: oil can leak from the chain tensioner gasket onto hot engine parts, a fire risk. Free repair. OFFICIAL [10]

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

15V-351 · Oil leak at the chain tensioner gasket (later 2015 builds)

NHTSA lists this model and year: check by VIN

Expands the same chain-tensioner gasket repair to 2015 E250, GLK250 and ML250 BlueTEC built Nov 2014 to Feb 2015. Free repair. OFFICIAL [10]

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

EVERY RECALL NHTSA LISTS FOR THE 2015 MERCEDES-BENZ GLK250 BLUETEC (5)

RECALL	COMPONENT	WHAT CAN HAPPEN (NHTSA, SHORTENED)
15V-351 2.1L OM651 diesel tracked	Engine · chain tensioner gasket oil leak	Oil can leak from around the timing-chain tensioner gasket onto hot engine parts, a fire risk. Applies to a build-date window; a VIN check confirms. Details
14V-762 2.1L OM651 diesel tracked	Engine · chain tensioner gasket oil leak	Oil can leak from around the timing-chain tensioner gasket onto hot engine parts, a fire risk. Applies to a build-date window; a VIN check confirms. Details
19V-010	Air bags · passenger frontal inflator	The passenger air bag inflator can rupture in a crash and throw metal fragments, which can cause serious injury or death. This recall applies to cars sold or registered in hot, humid regions. Details
17V-627	Air bags · driver frontal	The driver air bag can deploy without a crash, which can cause injury or a crash. Details
19V-787	Emergency call (eCall) software	An inaccurate vehicle location may delay emergency responders, increasing the risk of injury. Details

Source: NHTSA recalls API, fetched 2026-10-27 and combined across NHTSA model names: GLK250. 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
Extended Modification Warranty (BlueTEC update)	For vehicles with the Approved Emission Modification: the greater of 10 yr / 120,000 mi from first sale or 4 yr / 48,000 mi from the modification. Covers after-treatment, AdBlue system, sensors, EGR, turbo, injectors and more. OFFICIAL [2]	May apply: check by VIN
PM sensor and pressure sensor extensions	10 yr / 120,000 mi on the PM sensor (2013–2015) and an exhaust pressure sensor (2012–2016) on BlueTEC models including E250 and GLK250. OFFICIAL [3]	May apply: check by VIN
Emission Service Campaign 2022100016	Water pump diagnostic software update on certain 2013–2016 E/GLK/GLE/M-Class diesels (can block a smog check). OFFICIAL [9]	May apply: check by VIN

4 · THE 4 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 (X204).

1 Emissions modification and its extended warranty

Any mileage

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

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (Greater of 10 yr / 120,000 mi from first sale, or 4 yr / 48,000 mi from the modification), so mileage doesn't say much here. Range: Greater of 10 yr / 120,000 mi from first sale, or 4 yr / 48,000 mi from the modification OFFICIAL [2]

WHAT FAILS OFFICIAL [2]

Under a settlement with US regulators, Mercedes updated the software and some hardware on its BlueTEC diesels (the Approved Emission Modification). Cars that had it get an Extended Modification Warranty. It covers the DPF, SCR catalyst, AdBlue injector, pump and heater, NOx and PM sensors, EGR valve and cooler, turbocharger, injectors, timing chain and the crankcase ventilation valve.

SYMPTOMS

- Check-engine or AdBlue warning
- AdBlue countdown (limited starts)
- Failed state emissions test

IF IT'S LEFT TOO LONG

An unmodified van or car may not pass registration in some states; outside coverage, after-treatment repairs are paid by the owner.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Confirm by VIN that the modification was done and how much coverage is left; most 2014–2016 cars are now near or past 10 years.

ESTIMATED REPAIR COST

Covered parts are free while inside the Extended Modification Warranty (check by VIN)	**Free if covered** OFFICIAL [2] independent shop, installed
No published bill outside the program	**No published price** reported range for the bill after a failure
Dealer	**Often 1.5–2× the independent-shop price** OUR ESTIMATE

PARTS FOR X204

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

WHAT TO ASK YOUR SHOP

- Was the emissions modification done? When and at what mileage?

2 AdBlue (DEF) heated line and SCR faults

Any mileage

Severity: High: overheating, stalls, limp mode or a big bill · 4 mentions in counted NHTSA complaints

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (OM651 engines with the Generation 2 SCR system), so mileage doesn't say much here. Range: OM651 engines with the Generation 2 SCR system OFFICIAL [5]

WHAT FAILS OFFICIAL [5]

The heated AdBlue line can work loose at the dosing valve or tank, or its connector can be damaged. The engine then sets AdBlue system faults and can go into a start countdown. Mercedes tells technicians to reconnect or replace the heated line.

SYMPTOMS

- Check-engine and AdBlue warnings
- AdBlue countdown to no-start
- AdBlue use lower than normal

IF IT'S LEFT TOO LONG

If the countdown runs out the engine will not restart until the fault is fixed.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Fix at the first AdBlue warning; check the Extended Modification Warranty first.

ESTIMATED REPAIR COST

No published price for reconnecting the line	**No published price** independent shop, installed
One owner-reported dealer quote to replace the heated AdBlue lines (GLK250)	**$2,200** FORUM/BLOG [7] reported range for the bill after a failure
Dealer	**Often 1.5–2× the independent-shop price** OUR ESTIMATE

PARTS FOR X204

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

WHAT TO ASK YOUR SHOP

- Any AdBlue warnings or countdowns?
- AdBlue line or heater ever replaced?

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3 Emissions sensors (PM, exhaust pressure, NOx)

Any mileage

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

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (E250 BlueTEC 2014–2016 and GLK250 BlueTEC 2013–2015; coverage 10 yr / 120,000 mi), so mileage doesn't say much here. Range: E250 BlueTEC 2014–2016 and GLK250 BlueTEC 2013–2015; coverage 10 yr / 120,000 mi OFFICIAL [3][4]

WHAT FAILS OFFICIAL [3][4]

Mercedes extended the warranty on the particulate matter (PM) sensor and on an exhaust pressure sensor on these BlueTEC models because they can fail and turn on the check-engine light. NOx sensors are also a common replacement on these diesels.

SYMPTOMS

- Check-engine light
- Codes P181C, P24AE, P24C6 or P16CB (PM sensor)
- Codes P0472 or P1596 (pressure sensor)

IF IT'S LEFT TOO LONG

Mostly a warning-light and emissions-test problem, but a bad sensor can upset DPF regeneration.

IS IT WORTH DOING EARLY? OUR ESTIMATE

ESTIMATED REPAIR COST

Free under the PM sensor and pressure sensor extensions while inside 10 yr / 120,000 mi	**Likely not covered** OFFICIAL [3] [4] a 2015 model is past 10 years; check the VIN with the dealer
NOx sensor, one owner-reported dealer price per sensor (E250 BlueTEC)	**$1,000** FORUM/BLOG [8] reported range for the bill after a failure

Free inside the 10-year / 120,000-mile extension; check the VIN first.

Dealer	**Often 1.5–2× the independent-shop price** OUR ESTIMATE

PARTS FOR X204

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

WHAT TO ASK YOUR SHOP

- PM or pressure sensor replaced? Under which warranty?

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4 Two-stage turbo bypass valve rattle

Any mileage

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

COMPUTED FROM NHTSA DATA

Reports cover a wide mileage span (OM651 in the C-, E-, GLK-, ML-, GLE- and SLK-Class (with the two-stage turbo)), so mileage doesn't say much here. Range: OM651 in the C-, E-, GLK-, ML-, GLE- and SLK-Class (with the two-stage turbo) OFFICIAL [6]

WHAT FAILS OFFICIAL [6]

The aluminum bypass valve inside the turbocharger air duct housing can vibrate and rattle, mostly for a short time after a cold start. Mercedes fits a new air duct housing with a plastic valve.

SYMPTOMS

- Rattle from the front left of the engine after a cold start

IF IT'S LEFT TOO LONG

Mercedes describes it as a noise; rule out other turbo faults.

IS IT WORTH DOING EARLY? OUR ESTIMATE

Replace the air duct housing if the noise matches.

ESTIMATED REPAIR COST

No published price	**No published price** independent shop, installed
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 X204

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

WHAT TO ASK YOUR SHOP

- Any rattle at cold start?

5 · ALSO REPORTED, NOT RANKED

Other themes in 2.1L OM651 diesel 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

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

- Emission modification and open campaigns by VIN
- AdBlue level, line connectors and stored SCR codes
- Cold-start listen at the turbo

Ask the seller

- Emissions modification done? When?
- AdBlue line, heater, NOx or PM sensor replaced?

Documents to request

- Dealer service-history printout for the VIN (shows campaigns and extended-warranty repairs)
- nhtsa.gov/recalls screenshot

WHAT A BUYER MAY DEDUCT

FINDING	ESTIMATED ADJUSTMENT
Emissions modification and its extended warranty: fault found on inspection	No published price
AdBlue (DEF) heated line and SCR faults: symptoms or fault codes present	No published price
Emissions sensors (PM, exhaust pressure, NOx): fault found on inspection	$1,000
Two-stage turbo bypass valve rattle: symptoms or fault codes present	No published price
Pre-ticked rows (●), if no records clear them	**None at this mileage**

● = 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/Mercedes-Benz 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 E-Class 2014–2016 and GLK-Class 2013–2015 complaints naming the E250/GLK250 or BlueTEC/diesel, plus Sprinter 2500/3500 complaints naming the 2.1L or four-cylinder: 36 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. Few NHTSA complaints name this engine; the weak points come mostly from Mercedes bulletins and warranty extensions. COMPUTED FROM NHTSA DATA

THEME	COMPLAINTS	IN THIS REPORT
Stalling / loss of power	5	—
AdBlue / emissions warning	4	Item 2
Turbo noise	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 2014–2016 E250 BlueTEC, 2013–2015 GLK250 BlueTEC and 2014–2018 Sprinter 2500/3500 complaints that name the four-cylinder diesel (few complaints name the engine), pulled Oct 27, 2026 (ODI numbers in the cost notes) OFFICIAL
https://www.nhtsa.gov/report-a-safety-problem#complaints

2. Mercedes-Benz NCU "BlueTEC Update Extended Emission Modification Warranty": Extended Modification Warranty, MY 2009–2016 OM642 and OM651 BlueTEC diesels (2021-10-05), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2026/MC-11031648-0001.pdf

3. Mercedes-Benz Extended Warranty NCU: Pressure Sensor: MY 2012–2016 BlueTEC (incl. E250 and GLK250 BlueTEC, OM651) pressure sensor warranty extended to 10 yr / 120,000 mi (2020-11-06), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2026/MC-11031625-0001.pdf

4. Mercedes-Benz Extended Warranty NCU: Particulate Matter (PM) Sensor: MY 2013–2015 E-, GLK-, ML-, GL-Class BlueTEC PM sensor warranty extended to 10 yr / 120,000 mi (2022-08-19), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2022/MC-10219253-0001.pdf

5. Mercedes-Benz LI14.40-N-058284: AdBlue line leaking (OM651 engines with Generation 2 SCR system) (2014-02-07), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2014/MC-10166979-9999.pdf

6. Mercedes-Benz LI09.40-P-064267: Rattling noises in area of 2-stage turbocharger, OM651 (2016-06-13), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2016/MC-10136063-9999.pdf

7. MBWorld forum: GLK emissions problems (owner reports a dealer quote of $2,200 to install new heated AdBlue lines), via search extract Oct 27, 2026 FORUM/BLOG
https://mbworld.org/forums/glk-class-x204/844328-glk-emissions-problems.html

8. MBWorld forum: code P229F91 on an E250 BlueTEC NOx sensor (owner reports a dealer price of about $1,000 per NOx sensor), via search extract Oct 27, 2026 FORUM/BLOG
https://mbworld.org/forums/diesel-forum/910570-code-p229f91-e250-nox-sensor.html

9. Mercedes-Benz Emission Service Campaign 2022100016: Software update for water pump diagnostics, MY 2013–2016 E/GLK/GLE/M-Class diesels (2022-11-15), filed with NHTSA OFFICIAL
https://static.nhtsa.gov/odi/tsbs/2022/MC-10227152-0001.pdf

10. NHTSA recalls 14V-762 and 15V-351: OM651 chain tensioner gasket oil leak (filed under "MERCEDES BENZ"), checked Oct 27, 2026 OFFICIAL
https://www.nhtsa.gov/recalls?nhtsaId=14V762000

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 Mercedes-Benz dealer or qualified shop. Safety recall repairs are free at Mercedes-Benz 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-OM651-123456-20261027 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.