How is this car doing?

A clear summary of what the car's systems reveal about its condition and history, including anything that deserves a closer look.

VEHICLE

G30

530e iPerformance · 2.0L B48 (B48B20M0)

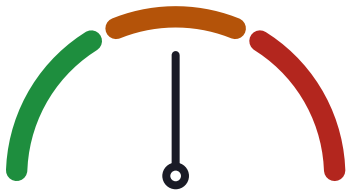
VIN	WBAJ••••••••••••
Fuel	Petrol
Transmission	Automatic
Market	Europe
Assembly country	Germany

CURRENT MILEAGE

100,167 km

Consistent

OVERALL ASSESSMENT



Check

Some items deserve a closer look during normal maintenance or follow-up diagnostics.

4	3	30
Areas clear	To check	Systems scanned

3 KEY THINGS TO CHECK

01 — Needs review

Faults

Fault codes found. Check the details.

02 — Check

High-voltage battery

Battery capacity checks complete.

03 — Check

Engine

Engine checks complete.

VEHICLE HEALTH SUMMARY

The vehicle recorded combustion roughness measurements across its cylinders. The system reported a high-voltage battery state of health of 81 percent.

AI-generated from this report. Review the detailed findings before relying on this summary.

Not affiliated with or endorsed by BMW AG. BMW, MINI and Bimmer are used descriptively.

Every area at a glance

02

Each row shows what was checked, the result, and what it means in plain language. Areas that need attention are highlighted in amber or red.

AREA	VERDICT	WHAT IT MEANS	SIGNAL
Vehicle identity 30 modules checked 4 incomplete	Looks good	All responding modules provided matching VIN and module-date evidence.	
Mileage 106 mileage records checked	Looks good	Mileage readings line up across available sources, with no rollback pattern detected.	
Faults 30 systems scanned	Needs review	Fault codes point to an item that should be diagnosed before drawing a final conclusion.	
High-voltage battery High-voltage pack	Check	High-voltage battery data needs follow-up on capacity, balance, or related fault history.	
Engine Fuel, misfire, VANOS	Check	Engine readings are worth monitoring or re-checking during maintenance.	
Gearbox Clutch & oil history	Looks good	Gearbox adaptation and oil-history evidence sit within the expected range.	
Usage Driving stress & load	Looks good	Driving-load evidence looks normal for the available history.	

HOW TO READ THE VERDICTS

- **Looks good** - no concerns found.
- **Check** - worth a closer look or another check.
- **Needs review** - a finding needs follow-up.

HOW THE INDICATOR WORKS

The indicator reflects the result: green means Looks good, amber means Check, and red means Needs review. The marker stays in the same position for the same result.

IDENTITY & MILEAGE

Does it all add up?

03

This page checks whether the vehicle identity is consistent and whether stored mileage readings agree with the dashboard.

Identity check

The VIN and module dates should agree across the modules that responded.

Looks good

IDENTITY EVIDENCE READ FROM MODULES

Crash Safety Module ✓	HKFM ✓
Parking maneuvering... ✓	Gear selector switch ✓
All-round vision camera ✓	Battery management... ✓
Central Gateway Module ✓	Digital Motor Electronics ✓
Convenience charging... ✓	Electronic transmission... ✓
Hybrid pressure... ✓	Long-distance range... ✓
Optional equipment system ✓	Dynamic stability control ✓
Rear radar sensor near... ✓	+15 more modules checked

Reference VIN

WBAJ••••••••••••

✓ VIN unavailable in 4 modules

Common module date range

Jun 2019 - Dec 2019

✓ Module dates are checked against this expected range.

Mileage check

Stored readings should move toward the current mileage without unexplained drops.

Looks good

CURRENT READING

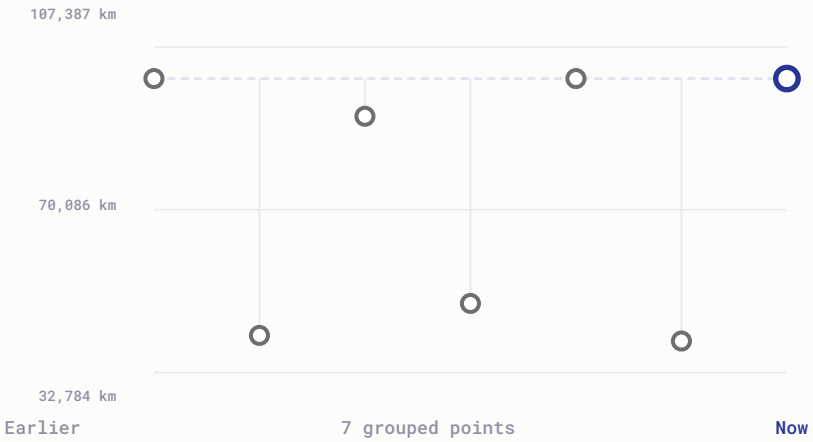
100,167 km

Dashboard reading

106	0
Consistent	Needs review

Stored readings sit at or below the current mileage with no rollback pattern.

STORED MILEAGE HISTORY



FAULT CODES

What the car is flagging

04

The scan checked every system that responded for stored fault codes. Active faults appear first, followed by faults with an unknown control-unit status. Older faults are summarized on this page.

SCAN OVERVIEW

30 systems scanned

41 fault codes

Clear · Unknown · Active

FAULTS TO REVIEW

0x031786 — TCB: Functional limitation of Last State Call — Needs review

Telematic Communication Box · atm02

Last seen	Occurrences	Mileage
Not available	14 times	Not available

What to do: Have this fault diagnosed before making a final assessment.

0x03178A — TCB: Functional limitation in mobile phone network — Needs review

Telematic Communication Box · atm02

Last seen	Occurrences	Mileage
Not available	255 times	Not available

What to do: Have this fault diagnosed before making a final assessment.

0x031D14 — Speaker output lines, bass speaker, left: Line disconnection — Needs review

Receiver audio module · ram01

Last seen	Occurrences	Mileage
22 Sep 2026 08:36	255 times	100,164 km

What to do: Have this fault diagnosed before making a final assessment.

0x031D18 — Speaker output lines, bass speaker, right: Line disconnection — Needs review

Receiver audio module · ram01

Last seen	Occurrences	Mileage
22 Sep 2026 08:36	255 times	100,164 km

What to do: Have this fault diagnosed before making a final assessment.

+37 more fault records not shown on this page

18 SYSTEMS WITH NO FAULT CODES

All-round vision camera · Battery management... · Controller (iDrive) (zbe6) · Convenience charging... · Crash Safety Module (acsm5) · Digital Motor Electronics · Electrical machine... · Electromechanical power... · +10 more

POWERTRAIN HEALTH

How the powertrain is holding up

05

A plain-language look at battery, engine, and gearbox readings that were available during this inspection.

High-voltage battery

Capacity and balance readings

Check

Some battery readings sit near the expected boundary. Compare them with service history and re-check after a normal drive.

Battery capacity health 81%

0% normal 100%

Recent charge balance history 1.7%

0% normal 10%

Engine

Combustion, fuel, timing, and temperature

Check

One or more engine readings sit near the expected boundary. Re-check after maintenance or another drive, especially if symptoms appear.

COMBUSTION AND MIXTURE

Cylinder smoothness 3.1 rad/s²

-5 rad/s² normal 5 rad/s²

Misfire history 0

Fuel mixture correction 2.2%

-20% normal 20%

TIMING, FILTERS, AND RUNNING QUALITY

Camshaft timing 1.4 deg

0 deg normal 8 deg

Temperature history 0%

Valvetronic movement 0.1 deg

0 deg normal 12 deg

Gearbox

Clutch adaptation and oil-temperature history

Looks good

Shift adaptation and oil-temperature history look healthy in the available gearbox data.

Oil temperature history 0%

Fill pressure -163 mbar

-934 mbar normal 934 mbar

Fill time +30 ms

-400 ms normal 400 ms

USAGE HISTORY

How this car has been driven

06

Stored counters provide context on how the car was used, including trip patterns, drive modes, fuel-quality history, and signs of higher load where available.

Driving pattern

Looks good

A summary of the usage history available in this report.

The saved history does not point to unusually hard use. Plan service around mileage, age, and maintenance records.

Trip pattern — Open road

Heavy city · Mixed · Open road

Driving style — Calm

Calm · Typical · Very dynamic

Mode mix — Eco 1.6% · Comfort 97.2% · Sport 1.2%

Fuel quality — Low quality No fill-ups · Average quality 4 fill-ups · Good quality 442 fill-ups

TECHNICAL APPENDIX

Vehicle identity evidence

VIN and module-date evidence read from responding modules. Differences and unavailable values are highlighted for review.

Reference VIN
WBAJ••••••••••••

Common module date range
Jun 2019 - Dec 2019

30	4	0	0
Modules checked	Incomplete	VIN differences	Date differences

MODULE CODE	MODULE NAME	VIN	MODULE DATE	STATUS
acsm5	Crash Safety Module	Not available	2019-06-11	Matches
hkfm_g11	HKFM	Not available	2019-07-03	Matches
uss_g11	Parking maneuvering assistant	Not available	2019-06-30	Matches
gws_g11b	Gear selector switch	Not available	2019-06-19	Matches
icam2	All-round vision camera	WBAJ••••••••••••	2019-06-22	Matches
sme_f15	Battery management electronics	WBAJ••••••••••••	2019-06-18	Matches
zgw_01	Central Gateway Module	WBAJ••••••••••••	2019-06-23	Matches
dme8ff_r	Digital Motor Electronics	WBAJ••••••••••••	2019-06-24	Matches
obc_g11	Convenience charging electronics	WBAJ••••••••••••	2019-06-25	Matches
gszfbhy1	Electronic transmission control	WBAJ••••••••••••	2019-06-26	Matches
tfm_i1	Hybrid pressure refuelling electronic control unit	WBAJ••••••••••••	2019-06-26	Matches
frr_g11	Long-distance range front radar sensor	WBAJ••••••••••••	2019-06-22	Matches
sas_g11	Optional equipment system	WBAJ••••••••••••	2019-06-25	Matches
dsc_g11	Dynamic stability control	WBAJ••••••••••••	2019-06-17	Matches

MODULE CODE	MODULE NAME	VIN	MODULE DATE	STATUS
srr01_hl	Rear radar sensor near range left	WBAJ••••••••••••	2019-06-27	Matches
eps_g11	Electromechanical power steering	WBAJ••••••••••••	2019-06-30	Matches
ram01	Receiver audio module	WBAJ••••••••••••	2019-06-24	Matches
eme_g12	Electrical machine electronics	WBAJ••••••••••••	2019-06-05	Matches
bdc_g11	Body Domain Controller	WBAJ••••••••••••	2019-06-23	Matches
flm01_l	Frontal Light Electronics Left	WBAJ••••••••••••	2019-06-25	Matches
flm01_r	Frontal Light Electronics Right	WBAJ••••••••••••	2019-06-25	Matches
fzd_g11	Roof function center	WBAJ••••••••••••	2019-06-26	Matches
kafasg11	Camera-based driver assist system	WBAJ••••••••••••	2019-07-01	Matches
kombsp18	Instrument panel	WBAJ••••••••••••	2019-06-11	Matches
atm02	Telematic Communication Box	WBAJ••••••••••••	2019-07-03	Matches
hu_mgu	Headunit High	WBAJ••••••••••••	2019-07-01	Matches
zbe6	Controller (iDrive)	WBAJ••••••••••••	2019-06-25	Matches
fas_g11	Seat module, driver	WBAJ••••••••••••	2019-06-23	Matches
vdp_g11	Vertical dynamics platform	WBAJ••••••••••••	2019-06-27	Matches
ihka_g05	Integrated automatic heating / air conditioning system	WBAJ••••••••••••	2019-06-07	Matches

TECHNICAL APPENDIX

Mileage evidence

Stored mileage values from modules and message history are listed together and compared with the dashboard reading when available. Some event records contain more than one stored mileage value.

Dashboard mileage
100,167 km

23	111	0
Systems checked	Values listed	Needs review

MODULE CODE	MODULE NAME	EVIDENCE SOURCE	READING	STATUS
fzd_g11	Roof function center	Permanent memory mileage	100,126 km	Matches
fzd_g11	Roof function center	Sunroof anti-pinch reversal record	99,361 km	Matches
fzd_g11	Roof function center	Sunroof calibration drift record	99,361 km	Matches
fzd_g11	Roof function center	Sunroof calibration drift record	99,361 km	Matches
fzd_g11	Roof function center	Sunroof anti-pinch reversal record	96,154 km	Matches
fzd_g11	Roof function center	Sunroof calibration drift record	96,154 km	Matches
fzd_g11	Roof function center	Sunroof calibration drift record	96,154 km	Matches
fzd_g11	Roof function center	Sunroof anti-pinch reversal record	87,158 km	Matches
fzd_g11	Roof function center	Sunroof calibration drift record	87,158 km	Matches
fzd_g11	Roof function center	Sunroof calibration drift record	87,158 km	Matches
fzd_g11	Roof function center	Sunroof anti-pinch reversal record	81,852 km	Matches
fzd_g11	Roof function center	Sunroof calibration drift record	81,852 km	Matches
fzd_g11	Roof function center	Sunroof anti-pinch reversal record	81,114 km	Matches
fzd_g11	Roof function center	Sunroof calibration drift record	81,114 km	Matches
fzd_g11	Roof function center	Sunroof calibration drift record	81,114 km	Matches

MODULE CODE	MODULE NAME	EVIDENCE SOURCE	READING	STATUS
fzd_g11	Roof function center	Sunroof anti-pinch reversal record	78,928 km	Matches
fzd_g11	Roof function center	Sunroof anti-pinch reversal record	78,515 km	Matches
fzd_g11	Roof function center	Sunroof anti-pinch reversal record	76,523 km	Matches
fzd_g11	Roof function center	Sunroof calibration drift record	76,523 km	Matches
fzd_g11	Roof function center	Sunroof anti-pinch reversal record	69,968 km	Matches
fzd_g11	Roof function center	Sunroof anti-pinch reversal record	65,160 km	Matches
dsc_g11	Dynamic stability control	Permanent memory mileage	100,167 km	Matches
dsc_g11	Dynamic stability control	Tire pressure sensor battery warning record	100,163 km	Matches
dsc_g11	Dynamic stability control	Tire pressure sensor battery warning record	100,162 km	Matches
dsc_g11	Dynamic stability control	Tire pressure sensor battery warning record	100,162 km	Matches
dsc_g11	Dynamic stability control	Tire pressure advisory warning record (1)	100,153 km	Matches
dsc_g11	Dynamic stability control	Tire pressure monitor calibration record	100,151 km	Matches
dsc_g11	Dynamic stability control	Tire pressure monitor calibration record	99,726 km	Matches
dsc_g11	Dynamic stability control	Tire pressure monitor calibration record	97,839 km	Matches
dsc_g11	Dynamic stability control	Tire pressure advisory warning record (2)	97,251 km	Matches
dsc_g11	Dynamic stability control	Tire pressure warning cleared record	96,936 km	Matches
dsc_g11	Dynamic stability control	Tire pressure hard warning record (1)	96,877 km	Matches
dsc_g11	Dynamic stability control	Tire pressure advisory warning record (3)	96,841 km	Matches
dsc_g11	Dynamic stability control	Tire pressure hard warning record (2)	95,368 km	Matches
dsc_g11	Dynamic stability control	Tire pressure hard warning record (3)	95,323 km	Matches

MODULE CODE	MODULE NAME	EVIDENCE SOURCE	READING	STATUS
dsc_g11	Dynamic stability control	Tire pressure sensor battery warning record	88,461 km	Matches
dsc_g11	Dynamic stability control	Tire pressure monitor deactivation record	40,004 km	Matches
dme8ff_r	Digital Motor Electronics	Permanent memory mileage	100,167 km	Matches
dme8ff_r	Digital Motor Electronics	Cold-start battery wear counter	100,167 km	Matches
dme8ff_r	Digital Motor Electronics	Daily mileage log	100,167 km	Matches
dme8ff_r	Digital Motor Electronics	Engine control odometer reading	100,167 km	Matches
dme8ff_r	Digital Motor Electronics	Emergency battery recharge record	91,927 km	Matches
dme8ff_r	Digital Motor Electronics	Emergency battery recharge record	91,395 km	Matches
dme8ff_r	Digital Motor Electronics	Emergency battery recharge record	91,387 km	Matches
dme8ff_r	Digital Motor Electronics	Emergency battery recharge record	91,369 km	Matches
dme8ff_r	Digital Motor Electronics	Starter motor lockout record	80,987 km	Matches
dme8ff_r	Digital Motor Electronics	Starter motor lockout record	77,043 km	Matches
dme8ff_r	Digital Motor Electronics	Starter motor lockout record	72,742 km	Matches
dme8ff_r	Digital Motor Electronics	Starter motor lockout record	66,175 km	Matches
dme8ff_r	Digital Motor Electronics	Drive mode odometer reading	65,908 km	Matches
dme8ff_r	Digital Motor Electronics	Ignition battery replacement record	48,617 km	Matches
dme8ff_r	Digital Motor Electronics	Starter motor lockout record	41,292 km	Matches
zbe6	Controller (iDrive)	iDrive button press log (1)	100,167 km	Matches
zbe6	Controller (iDrive)	iDrive button press log (2)	100,167 km	Matches
zbe6	Controller (iDrive)	iDrive button press log (3)	100,167 km	Matches

MODULE CODE	MODULE NAME	EVIDENCE SOURCE	READING	STATUS
zbe6	Controller (iDrive)	iDrive button press log (4)	100,167 km	Matches
zbe6	Controller (iDrive)	iDrive button press log (5)	100,167 km	Matches
zbe6	Controller (iDrive)	iDrive button press log (6)	100,167 km	Matches
zbe6	Controller (iDrive)	iDrive button press log (7)	100,167 km	Matches
zbe6	Controller (iDrive)	iDrive button press log (8)	100,167 km	Matches
zbe6	Controller (iDrive)	iDrive rotary dial usage log	100,155 km	Matches
zbe6	Controller (iDrive)	iDrive controller up button log	100,118 km	Matches
zbe6	Controller (iDrive)	iDrive controller right button log	100,118 km	Matches
zbe6	Controller (iDrive)	iDrive controller down button log	100,118 km	Matches
zbe6	Controller (iDrive)	iDrive controller left button log	100,118 km	Matches
zbe6	Controller (iDrive)	Permanent memory mileage	100,100 km	Matches
Message	Engine message history	Engine message 1 · First recorded / Last recorded / No longer active · Check Control message (ID 450): Automatic start-stop function deactivated	73,044 km	Matches
Message	Engine message history	Engine message 2 · First recorded / Last recorded / No longer active · Incorrect data record: variant monitoring	72,742 km	Matches
Message	Engine message history	Engine message 3 · Last recorded / No longer active · DDE: Mass air flow sensor	62,961 km	Matches
Message	Engine message history	Engine message 3 · First recorded · DDE: Mass air flow sensor	58,229 km	Matches
Message	Engine message history	Engine message 4 · No longer active · Information outside temperature sensor: Short circuit to B+	51,279 km	Matches

MODULE CODE	MODULE NAME	EVIDENCE SOURCE	READING	STATUS
Message	Engine message history	Engine message 5 · No longer active · Information outside temperature sensor, signal: Faulty	51,279 km	Matches
Message	Engine message history	Engine message 4 · Last recorded · Information outside temperature sensor: Short circuit to B+	51,278 km	Matches
Message	Engine message history	Engine message 5 · Last recorded · Information outside temperature sensor, signal: Faulty	51,278 km	Matches
Message	Engine message history	Engine message 4 · First recorded · Information outside temperature sensor: Short circuit to B+	38,324 km	Matches
Message	Engine message history	Engine message 5 · First recorded · Information outside temperature sensor, signal: Faulty	38,324 km	Matches
Message	Engine message history	Engine message 6 · First recorded / No longer active · EGS: Mechanical emergency operation active	34,247 km	Matches
Message	Engine message history	Engine message 7 · First recorded / No longer active · Emergency run manager information: Transmission fault, continuous gong	34,247 km	Matches
Message	Engine message history	Engine message 8 · First recorded / No longer active · Check Control message (ID 397): Automatic engine start-stop function failure	34,247 km	Matches
Message	Dashboard message history	Dashboard message 1 · Recorded mileage	100,167 km	Matches
Message	Dashboard message history	Dashboard message 2 · Recorded mileage	100,154 km	Matches
Message	Dashboard message history	Dashboard message 3 · Recorded mileage	100,114 km	Matches
Message	Dashboard message history	Dashboard message 4 · Recorded mileage	99,975 km	Matches
Message	Dashboard message history	Dashboard message 5 · Recorded mileage	99,719 km	Matches

MODULE CODE	MODULE NAME	EVIDENCE SOURCE	READING	STATUS
Message	Dashboard message history	Dashboard message 6 · Recorded mileage	99,568 km	Matches
Message	Dashboard message history	Dashboard message 7 · Recorded mileage	99,227 km	Matches
Message	Dashboard message history	Dashboard message 8 · Recorded mileage	99,143 km	Matches
Message	Dashboard message history	Dashboard message 9 · Recorded mileage	99,038 km	Matches
srr01_hl	Rear radar sensor near range left	Permanent memory mileage	100,167 km	Matches
srr01_hl	Rear radar sensor near range left	Permanent memory mileage	100,167 km	Matches
srr01_hl	Rear radar sensor near range left	Permanent memory mileage	100,167 km	Matches
srr01_hl	Rear radar sensor near range left	Permanent memory mileage	100,167 km	Matches
kombsp18	Instrument panel	Instrument cluster stored mileage	100,181 km	Matches
kombsp18	Instrument panel	Permanent memory mileage	100,167 km	Matches
kombsp18	Instrument panel	Dashboard odometer reading	100,167 km	Matches
uss_g11	Parking maneuvering assistant	Network bus odometer reading	100,167 km	Matches
uss_g11	Parking maneuvering assistant	Permanent memory mileage	100,164 km	Matches
hkfm_g11	HKFM	Permanent memory mileage	100,167 km	Matches
obc_g11	Convenience charging electronics	Permanent memory mileage	100,167 km	Matches
frr_g11	Long-distance range front radar sensor	Permanent memory mileage	100,167 km	Matches
eps_g11	Electromechanical power steering	Permanent memory mileage	100,167 km	Matches
ram01	Receiver audio module	Permanent memory mileage	100,167 km	Matches
eme_g12	Electrical machine electronics	Permanent memory mileage	100,167 km	Matches
kafasg11	Camera-based driver assist system	Permanent memory mileage	100,167 km	Matches

MODULE CODE	MODULE NAME	EVIDENCE SOURCE	READING	STATUS
atm02	Telematic Communication Box	Permanent memory mileage	100,167 km	Matches
fas_g11	Seat module, driver	Permanent memory mileage	100,167 km	Matches
vdp_g11	Vertical dynamics platform	Permanent memory mileage	100,167 km	Matches
ihka_g05	Integrated automatic heating / air conditioning system	Permanent memory mileage	100,167 km	Matches
icam2	All-round vision camera	Permanent memory mileage	100,164 km	Matches
gws_g11b	Gear selector switch	Permanent memory mileage	100,164 km	Matches
hu_mgu	Headunit High	Permanent memory mileage	100,091 km	Matches

TECHNICAL APPENDIX

Fault evidence

Fault-code records are grouped by the module that reported them. Modules with active records appear first, then recent stored records and clean responding modules.

Systems checked	Active faults	Not active	Unknown	Systems with no faults
30	5	14	22	18

FAULT CODE	FAULT NAME	STATUS
0x031D14 ram01	Speaker output lines, bass speaker, left: Line disconnection Receiver audio module LAST SEEN: 22 Sep 2026 08:36 · RECORDED: 255 times · MILEAGE: 100,164 km	Active
0x031D18 ram01	Speaker output lines, bass speaker, right: Line disconnection Receiver audio module LAST SEEN: 22 Sep 2026 08:36 · RECORDED: 255 times · MILEAGE: 100,164 km	Active
0xB7F500 ram01	Microphone: Microphone driver not calibrated Receiver audio module LAST SEEN: 22 Sep 2026 08:36 · RECORDED: 255 times · MILEAGE: 100,164 km	Active
0x03178A atm02	TCB: Functional limitation in mobile phone network Telematic Communication Box LAST SEEN: Not available · RECORDED: 255 times · MILEAGE: Not available	Active
0x031786 atm02	TCB: Functional limitation of Last State Call Telematic Communication Box LAST SEEN: Not available · RECORDED: 14 times · MILEAGE: Not available	Active
0x026172 atm02	TCB: Fault occurred during secure Ethernet communication (IPsec) Telematic Communication Box LAST SEEN: Not available · RECORDED: 1 time · MILEAGE: Not available	Not active
0x8040C6 bdc_g11	BDC Request to reset KL30F due to standby current violation Body Domain Controller LAST SEEN: 22 Sep 2026 06:35 · RECORDED: 149 times · MILEAGE: 100,164 km	Not active

FAULT CODE	FAULT NAME	STATUS
0x8040C3 bdc_g11	BDC Request to switch off KL30F due to standby current violation Body Domain Controller LAST SEEN 5 Sep 2026 08:25 · RECORDED 22 times · MILEAGE 99,038 km	Not active
0x8044D7 bdc_g11	Light sources on the LIN bus 1 for interior lights: Number of defective light sources Body Domain Controller LAST SEEN 2 Jul 2026 12:35 · RECORDED 1 time · MILEAGE 91,469 km	Unknown
0x804081 bdc_g11	Drive readiness, error: Production not possible Body Domain Controller LAST SEEN 7 Mar 2026 00:27 · RECORDED 6 times · MILEAGE 85,508 km	Not active
0x8040D2 bdc_g11	BDC Activation of park status, vehicle electrical system not OK Body Domain Controller LAST SEEN 1 Mar 2026 09:52 · RECORDED 173 times · MILEAGE 85,176 km	Unknown
0x801C18 zgw_01	Park status requirement (vehicle electrical system not OK) sleep block Central Gateway Module LAST SEEN 18 Sep 2026 13:35 · RECORDED 2 times · MILEAGE 99,802 km	Unknown
0x801C16 zgw_01	Faulty go to sleep in status stationary function (customer not in the vehicle) Central Gateway Module LAST SEEN 18 Sep 2026 13:31 · RECORDED 1 time · MILEAGE 99,802 km	Unknown
0x801C17 zgw_01	Vehicle electrical system: not going to sleep in park PWF status (vehicle electrical system OK) Central Gateway Module LAST SEEN Not available · RECORDED Not available · MILEAGE Not available	Unknown
0x800ABE kafasg11	KAFAS: Camera blindness Camera-based driver assist system LAST SEEN 5 Sep 2026 20:11 · RECORDED 1 time · MILEAGE 99,186 km	Not active
0x800A01 kafasg11	KAFAS: camera, EEPROM communication fault Camera-based driver assist system LAST SEEN 12 Apr 2026 22:21 · RECORDED 38 times · MILEAGE 87,238 km	Not active
0x801724 hkfm_g11	HKL/roller cover for luggage compartment: Driving speed greater than 0 km/h during operation HKFM LAST SEEN 26 Aug 2026 21:53 · RECORDED 1 time · MILEAGE 98,466 km	Unknown

FAULT CODE	FAULT NAME	STATUS
0x48077F dsc_g11	Tire pressure Monitor: wheel electronics, battery life, rear right Dynamic stability control LAST SEEN 10 Aug 2026 21:45 · RECORDED 1 time · MILEAGE 97,007 km	Unknown
0x48077D dsc_g11	Tire pressure Monitor: wheel electronics, battery life, front right Dynamic stability control LAST SEEN 21 Jul 2026 05:45 · RECORDED 2 times · MILEAGE 95,836 km	Unknown
0x48077E dsc_g11	Tire pressure Monitor: wheel electronics, battery life, rear left Dynamic stability control LAST SEEN 1 Mar 2026 13:56 · RECORDED 3 times · MILEAGE 85,207 km	Unknown
0x803317 uss_g11	Original BMW accessories: Temporary fault with rear bicycle rack Parking maneuvering assistant LAST SEEN 2 Jun 2026 10:04 · RECORDED 1 time · MILEAGE 90,420 km	Unknown
0x803228 uss_g11	Ultrasonic sensor, front side left, signal line Short circuit to ground or open circuit Parking maneuvering assistant LAST SEEN 2 Dec 2022 07:03 · RECORDED 17 times · MILEAGE 0 km	Not active
0x80322E uss_g11	Ultrasonic sensor, front outer left, signal line: Short circuit to ground or open circuit Parking maneuvering assistant LAST SEEN 2 Dec 2022 07:03 · RECORDED 17 times · MILEAGE 99,143 km	Not active
0x803234 uss_g11	Ultrasonic sensor, front center left, signal line: Short circuit to ground or open circuit Parking maneuvering assistant LAST SEEN 2 Dec 2022 07:03 · RECORDED 17 times · MILEAGE 99,143 km	Not active
0x80323A uss_g11	Ultrasonic sensor, front center right, signal line: Short circuit to ground or open circuit Parking maneuvering assistant LAST SEEN 2 Dec 2022 07:03 · RECORDED 17 times · MILEAGE 99,143 km	Not active
0x803240 uss_g11	Ultrasonic sensor, front outer right, signal line: Short circuit to ground or open circuit Parking maneuvering assistant LAST SEEN 2 Dec 2022 07:03 · RECORDED 17 times · MILEAGE 99,143 km	Not active

FAULT CODE	FAULT NAME	STATUS
0x803246 uss_g11	Ultrasonic sensor front side right, signal line: Short circuit to ground or open circuit Parking maneuvering assistant LAST SEEN 2 Dec 2022 07:03 · RECORDED 17 times · MILEAGE 0 km	Not active
0xE12CA6 kombsp18	Signal (acoustic signal status, 0x16f) invalid, transmitter BIS, RAM Instrument panel LAST SEEN 28 Feb 2026 19:41 · RECORDED 255 times · MILEAGE 85,151 km	Not active
0xB7F87B hu_mgu	Fault, Personal Profile Headunit High LAST SEEN Not available · RECORDED 155 times · MILEAGE Not available	Unknown
0x03179A hu_mgu	HU-H: Functional limitation connection Apple CarPlay Headunit High LAST SEEN Not available · RECORDED 35 times · MILEAGE Not available	Unknown
0x031793 hu_mgu	HU-H: Functional limitation connection WLAN Headunit High LAST SEEN Not available · RECORDED 18 times · MILEAGE Not available	Unknown
0x031798 hu_mgu	HU-H: Functional limitation of Bluetooth audio browsing Headunit High LAST SEEN Not available · RECORDED 3 times · MILEAGE Not available	Unknown
0x031799 hu_mgu	HU-H: Functional limitation connection app Headunit High LAST SEEN Not available · RECORDED 3 times · MILEAGE Not available	Unknown
0x031791 hu_mgu	HU-H: Functional limitation Bluetooth connection Headunit High LAST SEEN Not available · RECORDED 2 times · MILEAGE Not available	Unknown
0xB7F8F9 hu_mgu	HU-H: Reset Headunit High LAST SEEN Not available · RECORDED 2 times · MILEAGE 91,823 km	Unknown
0x026372 hu_mgu	Head unit: Fault occurred during secure Ethernet communication (IPsec) Headunit High LAST SEEN Not available · RECORDED 1 time · MILEAGE Not available	Unknown

FAULT CODE	FAULT NAME	STATUS
0x031790 hu_mgu	HU-H: Functional limitation connection setup / coupling Bluetooth Headunit High LAST SEEN: Not available · RECORDED: 1 time · MILEAGE: Not available	Unknown
0xE1C600 hu_mgu	Head unit: Ethernet: Unexpected communication termination Headunit High LAST SEEN: Not available · RECORDED: 1 time · MILEAGE: 100,164 km	Unknown
0x8059A4 flm01_l	LHM2_L: Excess temperature shut-down, low beam headlight Frontal Light Electronics Left LAST SEEN: Not available · RECORDED: 54 times · MILEAGE: 90,293 km	Not active
0x8059B9 flm01_l	LED matrix driver: internal fault Frontal Light Electronics Left LAST SEEN: Not available · RECORDED: 1 time · MILEAGE: 99,802 km	Unknown
0x805B29 flm01_r	LHM2_R: outer fan faulty Frontal Light Electronics Right LAST SEEN: Not available · RECORDED: 1 time · MILEAGE: 99,802 km	Unknown

MODULE CODE	MODULE NAME	STATUS
icam2	All-round vision camera	No fault codes
sme_f15	Battery management electronics	No fault codes
zbe6	Controller (iDrive)	No fault codes
obc_g11	Convenience charging electronics	No fault codes
acsm5	Crash Safety Module	No fault codes
dme8ff_r	Digital Motor Electronics	No fault codes
eme_g12	Electrical machine electronics	No fault codes
eps_g11	Electromechanical power steering	No fault codes
gszfbhy1	Electronic transmission control	No fault codes

MODULE CODE	MODULE NAME	STATUS
gws_g11b	Gear selector switch	No fault codes
tfm_i1	Hybrid pressure refuelling electronic control unit	No fault codes
ihka_g05	Integrated automatic heating / air conditioning system	No fault codes
frr_g11	Long-distance range front radar sensor	No fault codes
sas_g11	Optional equipment system	No fault codes
srr01_hl	Rear radar sensor near range left	No fault codes
fzd_g11	Roof function center	No fault codes
fas_g11	Seat module, driver	No fault codes
vdp_g11	Vertical dynamics platform	No fault codes

TECHNICAL APPENDIX

High-voltage battery evidence

Capacity and balance readings from the high-voltage battery checks are listed as raw evidence.

Battery readings
2 battery readings available

1	1	0
Capacity checks	Balance checks	Needs review

CHECK	SCOPE	READING	SOURCE DATA	STATUS
Battery capacity health	Single estimate	81%	Basis: usable capacity estimate	Watch
Recent charge balance history	Saved readings	1.7%	Latest 1.4% · Samples 5	Watch

TECHNICAL APPENDIX

Engine technical evidence

This appendix lists stored engine readings: what was checked, where it applies, and the value recorded. Areas without usable data are omitted.

Engine data
Combustion, fuel, timing, exhaust, temperature

28 Readings checked

1 Needs review

CHECK	SCOPE	READING	DETAILS	STATUS
Misfire history	Cylinder 1	0	Stored misfires	In range
Misfire history	Cylinder 2	0	Stored misfires	In range
Misfire history	Cylinder 3	0	Stored misfires	In range
Misfire history	Cylinder 4	0	Stored misfires	In range
Fuel mixture correction	Multiplicative adaptation	0.98	+2.2 %	In range
Engine temperature history	Engine oil · Below 80 °C	24 %	468 h	Watch
Engine temperature history	Engine oil · 80-110 °C	75 %	1,444 h	In range
Engine temperature history	Engine oil · 110-135 °C	0.9 %	17 h	In range
Engine temperature history	Engine oil · 135-150 °C	0 %	0 h	In range
Engine temperature history	Engine oil · 150 °C and above	0 %	0 h	In range
Engine temperature history	Coolant · Below 98 °C	18 %	356 h	In range
Engine temperature history	Coolant · 98-112 °C	82 %	1,572 h	In range

CHECK	SCOPE	READING	DETAILS	STATUS
Engine temperature history	Coolant · 113-120 °C	0 %	0 h	In range
Engine temperature history	Coolant · 121-125 °C	0 %	0 h	In range
Engine temperature history	Coolant · 125 °C and above	0 %	0 h	In range
Cylinder smoothness	Cylinder 1	-0.7 rad/s²		Watch
Cylinder smoothness	Cylinder 2	-1.6 rad/s²		Watch
Cylinder smoothness	Cylinder 3	-0.7 rad/s²		Watch
Cylinder smoothness	Cylinder 4	3.1 rad/s²		Needs review
Camshaft timing	Intake	1.4 °		Watch
Camshaft timing	Exhaust	0.6 °		In range
Valve control	Valve lift tracking	0.1 °		In range
Valve control	Motor load warning	No event recorded		In range
Valve control	Motor overload	No event recorded		In range
Valve control	Position-control alert	No event recorded		In range
Valve control	Emergency-mode events	0		In range
Valve control	Permanent position errors	0		In range
Valve control	Stored position errors	0		In range

TECHNICAL APPENDIX

Gearbox technical evidence

This appendix lists stored gearbox readings: clutch adaptation values and oil-temperature history when available. Areas without usable data are omitted.

Gearbox data
Clutch adaptation, oil temperature

15
Readings checked

0
Needs review

CHECK	SCOPE	READING	DETAILS	STATUS
Clutch fill pressure	Clutch A	+111 mbar		In range
Clutch fill pressure	Clutch B	-163 mbar		In range
Clutch fill pressure	Clutch C	+57 mbar		In range
Clutch fill pressure	Clutch D	-22 mbar		In range
Clutch fill pressure	Clutch E	-139 mbar		In range
Clutch fill time	Clutch A	+30 ms		In range
Clutch fill time	Clutch B	+26 ms		In range
Clutch fill time	Clutch C	+10 ms		In range
Clutch fill time	Clutch D	+26 ms		In range
Clutch fill time	Clutch E	+28 ms		In range
Oil temperature history	-40-40 °C	486 h	13% of recorded time	In range
Oil temperature history	40-80 °C	1,855 h	50% of recorded time	In range

CHECK	SCOPE	READING	DETAILS	STATUS
Oil temperature history	80-90 °C	1,362 h	37% of recorded time	In range
Oil temperature history	90-95 °C	25 h	<1% of recorded time	In range
Oil temperature history	95-100 °C	1 h	<1% of recorded time	In range

TECHNICAL APPENDIX

Technical usage data

This appendix lists stored usage counters and related history retrieved during the inspection. Areas without usable data are omitted.

Usage data
Driving, fuel and protection counters

10	0	0
Readings checked	Watch	Needs review

CHECK	SCOPE	READING	DETAILS	STATUS
Driving profile	Average speed	68 km/h	100,167 km · 1,481 h	In range
Driving style	Eco mode	1,055 km	1.6%	In range
Driving style	Comfort mode	64,080 km	97%	In range
Driving style	Sport mode	772 km	1.2%	In range
Driving style	Not in mode history	34,261 km		In range
Fuel quality	Low quality	0	of 446 tanks	In range
Fuel quality	Average quality	4	of 446 tanks	In range
Fuel quality	Good quality	442	of 446 tanks	In range
Fuel quality	Quality score	3 / 3	Scale: 1 low · 2 average · 3 good	In range
Fuel pump hours	Fuel pump operating time	1,481 h	Reference range: 0-3,000 h	In range