

AMG ONE

FACTORY EXCLUSIVE · F1 HYBRID · 15209R VERIFIED · SOFTWARE & HV FOCUS

Compiled from public sources, the Mercedes-AMG ONE, its Model File and specialist review · Personal use only · v2.1

WHAT THIS CHECKLIST IS, AND WHAT IT IS NOT

This checklist gives an enthusiast the context to follow what is being discussed around an AMG ONE transaction. It replaces nothing. Two hundred and seventy-five cars carrying a genuine Formula 1 power unit into road law: a 1.6 V6 at 11,000 rpm, four electric motors, 800 volts, and the deepest factory dependence Mercedes has ever sold. What decides is the works service history, the software level, the hybrid diagnosis and the completion of every documented action, above all the 2025 rear-wing hydraulics recall. The public fire incidents and the documented actions are two different layers, and this checklist keeps them apart, exactly as the file does. Without the works-level verdict, do not touch the car.

A · IDENTITY & THE WORKS RECORD

- ☐ Identity first: build number (of 275), build sheet, individualisation documented.
- ☐ Factory service history complete: the ONE lives in the works network or not at all.
- ☐ Software history verified with the works; every update documented.
- ☐ ALL documented actions closed, above all the 2025 rear-wing hydraulics recall (15209R).
- ☐ Track history and any incident history documented.
- ☐ Every document photographed for the collector dossier.

B · F1 POWERTRAIN & HIGH VOLTAGE

- ☐ Engine runtime ledger read: hours and kilometres against the refurbishment schedule.
- ☐ Hybrid diagnosis at works level: all four motors, both inverters, fault memory.
- ☐ HV battery state from works diagnosis: temperature window discipline, ageing.
- ☐ Electric turbo and MGU functions exercised on a real drive.
- ☐ Gearbox: software, clutch function, shift quality, diagnosis.
- ☐ Thermal management verified: the systems that cool this car are the car.

C · STRUCTURE & HYDRAULICS

- ☐ Carbon walk: monocoque, underbody, crash structure, aero components.
- ☐ Active aero and wing hydraulics function-tested; 15209R remedy sighted in the record.
- ☐ Hydraulic system checked for leaks: the documented risk pattern of this fleet.
- ☐ Storage and usage regime read: this car is maintained by profile, not calendar alone.

D · PRICE & INVESTIGATION ITEMS

Works history and completed actions outweigh mileage and age: the price sits in the ledger, the software and the HV state.

- ☐ Any open action, above all 15209R: closed before money moves, no exceptions.
- ☐ Engine approaching the refurbishment window: the works quote is part of the price.
- ☐ HV or hybrid findings: works verdict and quote before purchase.
- ☐ Outdated software: the update path scheduled with the works.
- ☐ Fire-story discounts or premiums: priced at zero, only documents count.
- ☐ Parts and service needs: works quotes with waiting time, no independent alternatives.
- ☐ Negotiate from the works ledger: service file, software history, diagnosis protocols.

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E · RED FLAGS · WALK-AWAY OR ESCALATION

- An unconfirmed 15209R status: at 80 percent of the fleet, that is an open finding.
- Any service or repair outside the AMG ONE network.
- Software level unknown, or works diagnosis refused.
- HV, hybrid or hydraulic work without works documentation.
- Fire speculation sold as fact, or the documented action waved away: both misread the car.
- An engine runtime ledger that cannot be produced.
- A seller who resists the works-level inspection.
- A car whose findings cannot be named, quantified and priced.

F · FIRST WEEK OF OWNERSHIP

- ☐ The works dossier archived: service file, software history, diagnosis protocols, action confirmations.
- ☐ The AMG ONE relationship established: special centre, trained technicians, works contact.
- ☐ The usage and storage regime set per works guidance: battery window, intervals, updates.

"A Formula 1 engine with a number plate, four motors deep in software, and one tiny pin that taught the fleet a lesson in documentation. Read the ledger, close every action, trust only the works. That is the whole game here."

Deep dive: Supercar Models Paper 101 · Model File 101 · Owner's Intelligence series.

FINDINGS & NOTES