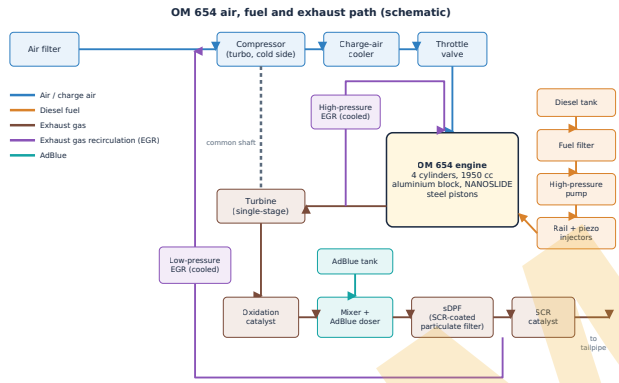
FAULTCODE DECODER
remote diagnostics by a mechanic

VEHICLE MODEL GUIDE · FREE SAMPLE

Mercedes-Benz CLA (C118) – 2020

Four-door coupé (C118) · Shooting Brake body (X118) · focus: OM 654 diesel (CLA 200 d / 220 d) and 8G-DCT transmission



Make / model	Mercedes-Benz CLA, 2nd generation
Model code	C118 (coupé) · X118 (Shooting Brake)
Model year	2020
Focus engine	OM 654q, 1950 cc diesel (CLA 200 d: 110 kW · CLA 220 d: 140 kW)
Focus transmission	8G-DCT eight-speed dual-clutch automatic
Currency	EUR (Hungarian prices converted at 1 EUR = 364.40 HUF, ECB, 3 Nov 2026)
Edition	2026-11-04 · v3.0 · SAMPLE

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Excerpt from the full guide

From chapter 5: Known faults and repair costs (3 of 8 items)

FAULT	SYMPTOM	AFFECTED YEARS / ENGINES	TYPICAL FIX	COST RANGE AND SOURCE	RECALL / TSB
OM 654: roller rocker arm wear	ticking or tapping from the top of the engine, uneven idle	mainly early OM654s; a revised rocker arm was introduced from July 2018 [1,2]. A 2020 CLA most likely has the new part, but check by engine number	replace rocker arms and lash adjusters; if the cam lobes are damaged, the camshaft(s) as well	**€1,500–3,000 (estimate) [3]; a German forum reports over €3,000 [1]**	no known recall
8G-DCT: judder, delayed engagement	judder when cold, in stop-and-go and when pulling away; delay after selecting D/R	mainly early 2019–2020 cars [4,5]	software update and clutch adaptation; fluid and filter change; in severe cases mechatronics or clutch	**fluid-change parts: approx. €191 (service kit with 3 filters + 6 l fluid, Hungarian retail price converted) [6] + labour. Mechatronics/clutch: no verifiable price found – get a quote**	no known recall; ask a dealer about the fix (software, adaptation) by VIN
AdBlue/SCR system (NOx sensor, AdBlue pump or heater, doser)	AdBlue or emissions warning with km countdown; no-restart; sometimes reduced power	OM654 diesels [3]	fault codes + live data; software update; replace the faulty sensor/pump/doser	**€300–1,200 (estimate) [3]**	–

Exchange rate: 1 EUR = 364.40 HUF (ECB, 3 Nov 2026) [7]. "Estimate" figures come from aggregator sites; local independent workshop prices may differ.

From chapter 6: Buying checklist (2 of 6 groups)

Cold start and engine

- ☐ Start it cold, not pre-warmed – rocker noise and starting issues show up when cold
- ☐ Ticking or tapping from the top of the engine at idle? – may indicate roller rocker wear [2]
- ☐ Smoke, smell, vibration at idle – injection, EGR, turbo
- ☐ Oil level in the Service menu – an unusually high or low level needs further checks
- ☐ AdBlue range and warnings in the Service menu / message memory – SCR faults are expensive [3]

Test drive – transmission

- ☐ Pulling away cold, crawling in traffic – judder or delay [4]
- ☐ Reversing and parking, hill start – this is where clutch adaptation shows
- ☐ Manual shifts with the paddles through every gear – both halves of the gearbox must be tested
- ☐ No limp mode, no transmission warning – mechatronics

Contents of the full model guide

1 Overview
2 Engine(s)
3 Transmission
4 Interior and controls
5 Known faults and repair costs
6 Buying checklist
7 Maintenance tips
8 Sources and videos
9 Disclaimer

Full guide: 21 pages, with own diagrams, recalls, maintenance tips and a video list.

€9.99

Get one for your model!
What we need: VIN (17 characters, required), make/model, year, engine, fault codes for the report. You get the PDF within 24 hours.
faultcodedecoder.pages.dev

Sources cited on this page

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Free sample. Informational model guide written in our own words from public sources (Wikipedia, manufacturer press material, owner's manual, recall databases, model forums, public video descriptions); nothing from paid workshop databases or factory repair material. Costs are indicative ranges. Diagrams are our own sketches.

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