SEA **Springfield Euro Auto** EXAMPLE SHOP
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TECHNICIAN WORKSHEET · 2.0L M270 TURBO FOUR
RA-M270-123456-20261027

2015 Mercedes-Benz CLA250 · C117 CLA250 sedan · FWD

WDDSJ4EB8FN123456

ODOMETER IN: 72,000 | DOOR-JAMB BUILD (MM/YY): | RO #: | TECHNICIAN / DATE:

A · RECALLS AND CAMPAIGNS TO VERIFY (DEALER PRINTOUT OR NHTSA.GOV)

15V-662 · Camshaft welds may fail (2015 CLA250, GLA250 built July 17–Aug 31, 2015)	☐ Open ☐ Done ☐ N/A
23V-854 · Body · front roof panel (after a prior repair)	☐ Open ☐ Done ☐ N/A
21V-197 · Body · front roof panel (panoramic roof)	☐ Open ☐ Done ☐ N/A
19V-892 · Air bags · passenger occupant sensor	☐ Open ☐ Done ☐ N/A
17V-627 · Air bags · driver frontal	☐ Open ☐ Done ☐ N/A
17V-114 · Electrical · starter current limiter	☐ Open ☐ Done ☐ N/A

21V-033 (Transmission may shift to neutral (2019 GLA 250)): not listed by NHTSA for MY2015. Confirm on the dealer printout.

B · INSPECTION POINTS, IN PLAN ORDER

1. Dual-clutch transmission (7G-DCT) faults

Check now · Past the range (20,000–52,000 mi, the middle half of 10 owner reports)

Road test cold and warm ☐ OK ☐ Watch ☐ Fix

Read transmission control unit faults ☐ OK ☐ Watch ☐ Fix

Parts (C117): Ask your parts supplier for the OE part number for this VIN.

2. Crankcase ventilation valve fault (P052E)

Watch · Any mileage (Mercedes bulletin for the CLA from 2014)

Scan for P052E71 and run the valve actuation test ☐ OK ☐ Watch ☐ Fix

Look for oil at the vent hoses ☐ OK ☐ Watch ☐ Fix

Scan for: P052E71, P04DB

Parts (C117): Ask your parts supplier for the OE part number for this VIN.

3. Stalls right after a cold start in deep frost (frozen muffler)

Watch · Any mileage (Mostly short-trip cars in very cold weather)

Check the rear muffler drain and history ☐ OK ☐ Watch ☐ Fix

Parts (C117): Ask your parts supplier for the OE part number for this VIN.

4. ECU software check-engine light (outside temperature sensor)

Watch · Any mileage (CLA250 2014–2017 and GLA250 2015–2016; 10 yr / 120,000 mi)

Check ECU software level and the VIN for the extension ☐ OK ☐ Watch ☐ Fix

Parts (C117): Ask your parts supplier for the OE part number for this VIN.

FACTORY MAINTENANCE

Not on this report for this car. Check the service records and the maker's schedule (brake fluid, spark plugs, coolant, transmission fluid). ☐ Records checked ☐ Due ☐ Quoted

C · ALSO REPORTED FOR THE 2.0L M270 TURBO FOUR, QUICK CHECKS

- **Stalling / loss of power** (89 complaints): Mixed causes (steering lock, electrical, transmission, crankcase valve); see the weak points.

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Dual-clutch transmission (7G-DCT) faults
The 7-speed dual-clutch gearbox can lose drive and drop into neutral. At 72,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking.
Ask: have you noticed transmission drops into neutral while driving, or "Do not shift gears, visit workshop" message?

Adjust after the inspection. The report is not a diagnosis or a guarantee, so say what the technician found, not what the report predicts.

NOTES FOR THE ADVISOR

Record findings here (OK / Watch / Fix and measurements); the advisor adjusts the quote before the handout is printed or sent.

Reference only. Follow Mercedes-Benz repair procedures and your shop's judgment.