SEA

Springfield Euro Auto EXAMPLE SHOP

service@springfield-euro-auto.example

TECHNICIAN WORKSHEET · 4.0L M177 / M176 / M178 BITURBO V8

RA-M177-123456-20261027

2019 Mercedes-Benz AMG C63 S · W205 AMG C63 S sedan · RWD

WDDWF8HB7KR123456

ODOMETER IN	DOOR-JAMB BUILD (MM/YY)	RO #	TECHNICIAN / DATE
50,000			

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

23V-854 · Body · front roof panel	☐ Open ☐ Done ☐ N/A
21V-197 · Body · front roof panel	☐ Open ☐ Done ☐ N/A
21V-032 · Seat belts · front retractors	☐ Open ☐ Done ☐ N/A
19V-540 · Active Brake Assist · radar	☐ Open ☐ Done ☐ N/A
18V-850 · Steering · rack locknut	☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Engine thermostat (sealing ring detaches)

Watch · Any mileage (MY2019–2023 C/E/G/GLC/GLE/GLS/GT/S/SL with M176/M177/M178)

Scan for P0128 ☐ OK ☐ Watch ☐ Fix

Check coolant warm-up curve ☐ OK ☐ Watch ☐ Fix

Scan for: P0128

Parts (W205): Ask your parts supplier for the OE part number for this VIN.

2. Oil leaks: cylinder head covers and rear main seal

Watch · Any mileage (All M176/M177 engines)

Inspect head-cover joints and the bell housing ☐ OK ☐ Watch ☐ Fix

Leaks: dry / seep / wet

Parts (W205): Ask your parts supplier for the OE part number for this VIN.

3. Throttle actuator connector pins

Watch · Any mileage (All M177)

Scan for P2135/P2136/P2101 ☐ OK ☐ Watch ☐ Fix

Inspect throttle connector pins ☐ OK ☐ Watch ☐ Fix

Scan for: P2135, P2136, P2101

Parts (W205): Ask your parts supplier for the OE part number for this VIN.

4. Misfires (software, coils and spark plugs)

Watch · Any mileage (AMG M177/M178 (C63, AMG GT and others))

Misfire counters ☐ OK ☐ Watch ☐ Fix

Inspect spark plugs ☐ OK ☐ Watch ☐ Fix

Scan for: P0300, P0301, P0302, P0303, P0304, P0305, P0306, P0307, P0308

Parts (W205): 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 4.0L M177 / M176 / M178 BITURBO V8, QUICK CHECKS

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.