SEA **Springfield Euro Auto** EXAMPLE SHOP
service@springfield-euro-auto.example

TECHNICIAN WORKSHEET · 4.7L M278 BITURBO V8 / 5.5L M157 AMG V8
RA-M278-123456-20261027

2014 Mercedes-Benz S550 · W222 S550 sedan · RWD

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ODOMETER IN	DOOR-JAMB BUILD (MM/YY)	RO #	TECHNICIAN / DATE
85,000			

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
16V-899 · Steering · power assist control unit	☐ Open ☐ Done ☐ N/A
13V-576 · Seat belts · front anchor	☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Catalytic converters (P0420 / P0430)

Watch · Any mileage (MY2011–2020 CL/CLS/E/S/SL 550 (not GL/ML/GLE))

Scan for P0420/P0430 ☐ OK ☐ Watch ☐ Fix

Scan for: P0420, P0430

Parts (W222): Ask your parts supplier for the OE part number for this VIN.

2. Exhaust valve assembly (misfire)

Watch · Any mileage (MY2011–2016 V8 models)

Misfire counters ☐ OK ☐ Watch ☐ Fix

Cylinder leak-down test on the misfiring cylinder ☐ OK ☐ Watch ☐ Fix

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

Parts (W222): Ask your parts supplier for the OE part number for this VIN.

3. Timing chain tensioners (early engines)

Watch · Any mileage (Early production M278 (2011–2013))

Listen at cold start ☐ OK ☐ Watch ☐ Fix

Cam/crank correlation values ☐ OK ☐ Watch ☐ Fix

Scan for: P0016, P0017

Parts (W222): Ask your parts supplier for the OE part number for this VIN.

4. Oil leak at cylinder-head oil duct plugs

Watch · Any mileage (M278 engines up to serial 2789xx 30 141210)

Inspect both cylinder heads at the oil-duct plugs ☐ OK ☐ Watch ☐ Fix

Heads: dry / seep / wet

Parts (W222): 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 4.7L M278 BITURBO V8 / 5.5L M157 AMG V8, QUICK CHECKS

- **Stalling / loss of power** (15 complaints): Mixed causes in the complaint text; not one engine fault.

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.