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

TECHNICIAN WORKSHEET · S63
RA-S63-123456-20261027

2013 BMW M5 · F10 M5 sedan · RWD

WBSFV9C50DD123456

ODOMETER IN: 61,000 | DOOR-JAMB BUILD (MM/YY) | RO # | TECHNICIAN / DATE

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

12V-475 · Oil pump drive shaft (do not drive) ☐ Open ☐ Done ☐ N/A

18V-248 (Auxiliary water pump (fire risk)): not listed by NHTSA for MY2013. Confirm on the dealer printout.

19V-513 (High-pressure fuel pump flange (fuel leak)): not listed by NHTSA for MY2013. Confirm on the dealer printout.

B · INSPECTION POINTS, IN PLAN ORDER

1. Hot-vee coolant lines, aux water pump and expansion tank

Watch · Any mileage (NHTSA: 12 cooling reports (10 filed in 2023 or later); only 3 with a mileage, too few to state)

Coolant crust in the vee ☐ OK ☐ Watch ☐ Fix

Pressure test ☐ OK ☐ Watch ☐ Fix

Expansion tank ☐ OK ☐ Watch ☐ Fix

Leak: dry / damp / wet

Scan for: Low coolant, Overheat

Parts (F10): We did not find a reliable matching S63 listing on FCP Euro on Oct 26, 2026, so we show no part price. Ask the shop for part numbers and confirm them by VIN.

2. Oil leaks and oil consumption

Watch · Any mileage (NHTSA: 1 oil-leak and 2 oil-consumption reports, too few for a mileage)

Seep at covers and vee ☐ OK ☐ Watch ☐ Fix

Leak: dry / damp / wet

Parts (F10): We did not find a reliable matching S63 listing on FCP Euro on Oct 26, 2026, so we show no part price. Ask the shop for part numbers and confirm them by VIN.

3. High-pressure fuel injectors (and the high-pressure fuel pump)

Watch · Any mileage (19 injector or misfire reports; only 7 with a mileage (median ~76k), too few to state)

Injector index per cylinder ☐ OK ☐ Watch ☐ Fix

Misfire counters ☐ OK ☐ Watch ☐ Fix

Index per bank: ____

Scan for: Misfire codes, Mixture codes

Parts (F10): FCP Euro lists a set of 8 injectors for the N63 and S63 (index 12): Vitesco 13538616079KT3 at $4,599.84 and Genuine BMW 13538616079KT1 at $7,506.16, and single Vitesco injectors (13538616079) at $555.99, Oct 26, 2026. BMW's bulletin names part 13 53 8 648 937. Confirm by VIN.

4. Rod bearings

Watch · Any mileage (1 bearing and 13 engine-failure reports (6 with a mileage, median ~54k): too few to state)

Oil analysis (lead, copper) ☐ OK ☐ Watch ☐ Fix

Filter inspection for metal ☐ OK ☐ Watch ☐ Fix

Oil pressure, hot idle ☐ OK ☐ Watch ☐ Fix

Bearings: original / replaced at ____ mi

Scan for: Oil pressure codes

Parts (F10): We found no S63 rod bearing kit on FCP Euro (Oct 26, 2026), so we show no part price. Ask the shop for a quote that names the bearings and says whether the bolts are replaced.

FACTORY MAINTENANCE DUE BY 91,000 MI (ASK FOR RECORDS)

Brake fluid · every 2 years · $149 ☐ Done (records) ☐ Due ☐ Quoted

C · ALSO REPORTED FOR THE S63, 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 BMW repair procedures and your shop's judgment.