SEA

Springfield Euro Auto EXAMPLE SHOP

service@springfield-euro-auto.example

TECHNICIAN WORKSHEET · S65
RA-S65-123456-20261027

2011 BMW M3 · E92 M3 coupe · RWD

WBSKG9C50BE123456

ODOMETER IN	DOOR-JAMB BUILD (MM/YY)	RO #	TECHNICIAN / DATE
76,000			

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

19V-472 · Positive battery cable at the fuse box (stall)	☐ Open ☐ Done ☐ N/A
20V-017 · Air bags · driver inflator	☐ Open ☐ Done ☐ N/A
17V-676 · Electrical system · wiring	☐ Open ☐ Done ☐ N/A
16V-071 · Air bags · driver inflator	☐ Open ☐ Done ☐ N/A

08V-595 (M DCT stall in a rapid slowdown (software)): not listed by NHTSA for MY2011. Confirm on the dealer printout.

B · INSPECTION POINTS, IN PLAN ORDER

1. Rod bearings (spun bearing, engine failure)

Now · Inside the range (Engine-internal reports: median ~57k; middle half 44k–80k (34 reports))

Oil analysis (lead, copper)	☐ OK ☐ Watch ☐ Fix
Bearing condition if the pan is off	☐ OK ☐ Watch ☐ Fix
Oil pressure, hot idle	☐ OK ☐ Watch ☐ Fix

Bearings: original / replaced at ___ mi

Scan for: Oil pressure codes

Parts (E92): Genuine BMW S65 rod bearing kits on FCP Euro: comprehensive kit 11247841703KT4 ($1,548.62), basic kits 11247841703KT ($1,357.83) and 11247841703KT1 ($1,156.96), parts only, Oct 20, 2026. Bolts and shell sizes are chosen per engine; ask the shop what it fits.

2. Valve cover gaskets (oil leaks onto coils)

Now · Any mileage (Oil-leak reports: 6 (too few for a figure))

Seep at both covers	☐ OK ☐ Watch ☐ Fix
Oil in plug wells	☐ OK ☐ Watch ☐ Fix

Leak: dry / damp / wet

Scan for: Misfire codes

Parts (E92): Valve cover gasket sets vary by bank; ask for genuine or Elring/Reinz gaskets and confirm by VIN.

3. Throttle actuators (limp mode, rough idle)

Watch · Any mileage (Only 5 NHTSA reports: too few for a figure)

Throttle adaptation values	☐ OK ☐ Watch ☐ Fix
Actuator gear play	☐ OK ☐ Watch ☐ Fix

Scan for: Throttle actuator codes

Parts (E92): Genuine BMW throttle actuator 13 62 7 838 085 (same part on both banks); pair kit 13627838085KT1. Confirm by VIN.

4. VANOS solenoids (cam timing faults)

Watch · Any mileage (No NHTSA reports name VANOS: no figure)

VANOS wiring and oil level	☐ OK ☐ Watch ☐ Fix
Swap test	☐ OK ☐ Watch ☐ Fix

Scan for: VANOS / camshaft timing codes

Parts (E92): Genuine BMW VANOS solenoid valves 11 36 7 843 117 and 11 36 7 843 118 (FCP Euro also lists a Gates 11367843118). Confirm which one by VIN and fault code.

5. M DCT transmission (low-speed lag, fluid service) Watch · Any mileage (Median ~5.6k (43 reports, mostly 2008–2009 cars when new))

DCT fluid service records ☐ OK ☐ Watch ☐ Fix

Pan seep ☐ OK ☐ Watch ☐ Fix

Low-speed engagement ☐ OK ☐ Watch ☐ Fix

Scan for: Transmission codes

Parts (E92): Use the fluid BMW specifies for the M DCT; confirm the service parts by 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 S65, QUICK CHECKS

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Rod bearings + valve cover gaskets

Tight factory clearances wear the rod bearings, and a spun bearing usually destroys the engine. At 76,000 mi your car is in the mileage range where owners report it. Our price is $4,900, before tax and shop supplies. Left until it fails, published repair bills run $20,000–$30,000.

Ask: have you noticed late signs: a knock that rises with engine speed, low oil pressure warnings, metal in the oil filter or high lead/copper in an oil analysis, or A spun bearing usually means a new or rebuilt engine?

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.