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

TECHNICIAN WORKSHEET · N62
RA-N62-012345-20261027

2007 BMW 550i · E60 5 Series sedan · RWD

WBANB53537CN12345

ODOMETER IN: 128,000 | DOOR-JAMB BUILD (MM/YY): | RO #: | TECHNICIAN / DATE:

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

10V-446 · Brake vacuum pump check valve (loss of brake assist)	☐ Open ☐ Done ☐ N/A
07V-479 · Engine stall (fuel-rail static discharge)	☐ Open ☐ Done ☐ N/A
13V-564 · Air bags · occupant classification	☐ Open ☐ Done ☐ N/A
12V-126 · Electrical system · battery cable	☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Brake vacuum pump (oil leak, hard brake pedal)

Check now · Past the range (Median ~91k; middle half 70k–119k (53 reports))

Brake booster vacuum ☐ OK ☐ Watch ☐ Fix

Oil at the pump and in the vacuum line ☐ OK ☐ Watch ☐ Fix

Campaign history for 10V-446 ☐ OK ☐ Watch ☐ Fix

Vacuum: ___ inHg

Scan for: Brake vacuum / booster codes

Parts (E60): Vacuum pump 11 66 7 519 458 (genuine BMW or Pierburg). Confirm by VIN; the recall remedy itself is done by BMW dealers.

2. Coolant transfer pipe (leak under the intake)

Plan · Any mileage (Cooling reports: median ~92k (44 with a mileage))

Coolant at the rear of the valley and bellhousing ☐ OK ☐ Watch ☐ Fix

Pressure test ☐ OK ☐ Watch ☐ Fix

Leak: dry / damp / wet

Scan for: Low coolant, Overheat

Parts (E60): Genuine BMW coolant transfer pipe 11 14 1 439 975 (FCP Euro $105.99); FCP also lists an AGA collapsible coolant pipe kit (AGAN626061, $559) and seal kit, Oct 20, 2026. Confirm by VIN.

3. Water pump & thermostat (overheating)

Plan · Inside the range (Too few NHTSA reports (12); shops plan it past ~90k)

Pump seep and bearing play ☐ OK ☐ Watch ☐ Fix

Thermostat function (opens around 105°C) ☐ OK ☐ Watch ☐ Fix

Pump: original / replaced at ___ mi

Scan for: Thermostat codes, Overheat

Parts (E60): Water pump 11 51 7 524 551 (superseded by 11 51 7 586 781) and thermostat 11 53 7 586 885. Confirm by VIN.

4. Alternator bracket gasket (oil leak)

Watch · Any mileage (Oil-leak reports: median ~91.75k (46 with a mileage); only 5 name the bracket)

Oil in the V under the alternator bracket ☐ OK ☐ Watch ☐ Fix

Leak: dry / damp / wet

Parts (E60): Genuine BMW alternator bracket gaskets 12 31 7 507 807 and 12 31 7 507 808 (both listed on FCP Euro, Oct 20, 2026). Confirm by VIN.

5. Valve cover gaskets (oil leaks)

Watch · Any mileage (Part of the 57 oil-leak reports (median ~91.75k))

Seep at both covers ☐ OK ☐ Watch ☐ Fix

Oil in plug wells ☐ OK ☐ Watch ☐ Fix

Leak: dry / damp / wet

Scan for: Misfire codes

Parts (E60): Valve cover gasket sets 11 12 7 513 194 (bank 1, cylinders 1–4) and 11 12 7 513 195 (bank 2, cylinders 5–8); FCP Euro lists genuine sets at about $75 each, Oct 20, 2026. Confirm by VIN.

6. Valve stem seals (oil burning, blue smoke) — Watch · Any mileage (Oil-burning reports: median ~95k (19 with a mileage, thin))

Smoke on cold start and after idle	☐ OK ☐ Watch ☐ Fix
Crankcase vent valve function	☐ OK ☐ Watch ☐ Fix
Oil-consumption measurement	☐ OK ☐ Watch ☐ Fix

Oil use: ____ qt / 1,000 mi

Scan for: Misfire codes, Catalyst efficiency

Parts (E60): Genuine BMW valve stem seal kit 11 34 0 029 751 (FCP Euro $85.68, Oct 20, 2026). The job also needs gaskets and seals for the parts that come off. Confirm the quantity and parts by VIN.

FACTORY MAINTENANCE DUE BY 158,000 MI (ASK FOR RECORDS)

Spark plugs · every 100,000 mi · was due at 100,000 mi (check records) · $329	☐ Done (records) ☐ Due ☐ Quoted
Brake fluid · every 2 years · $149	☐ Done (records) ☐ Due ☐ Quoted

C · ALSO REPORTED FOR THE N62, QUICK CHECKS

WHAT TO SAY AT THE COUNTER (ADVISOR)

1. Brake vacuum pump (oil leak, hard brake pedal)
The vacuum pump's check valve can leak oil into the brake booster (recall 10V-446), and the pump's own gasket leaks oil, a separate repair. At 128,000 mi your car is past the usual range, so if the original part is still fitted it is worth checking. Our price is $650, before tax and shop supplies.
Ask: have you noticed A hard brake pedal or longer stops, or A brake warning?

2. Coolant transfer pipe + water pump and thermostat
The transfer pipe's seal under the intake valley cover leaks, often showing as coolant at the back of the engine. Owners report it at all mileages, so it is worth a look at every visit. Our price is $2,600, before tax and shop supplies. Left until it fails, published repair bills run $4,000–$6,000.
Ask: have you noticed coolant loss with a low-coolant warning, or A sweet smell?

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 BMW repair procedures and your shop's judgment.