SEA

Springfield Euro Auto EXAMPLE SHOP

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TECHNICIAN WORKSHEET · S58
RA-S58-012345-20261027

2021 BMW M3 · G80 M3 sedan · RWD

WBS33AY00MFL12345

ODOMETER IN	DOOR-JAMB BUILD (MM/YY)	RO #	TECHNICIAN / DATE
34,000			

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

21V-554 · Seat belts · retractor ☐ Open ☐ Done ☐ N/A

21V-298 · Seat belts · front buckle ☐ Open ☐ Done ☐ N/A

21V-062 · Service brakes ☐ Open ☐ Done ☐ N/A

B · INSPECTION POINTS, IN PLAN ORDER

1. Coolant leaks (expansion tank, hoses, charge-air cooler circuit)

Watch · Any mileage (No NHTSA cooling complaints on S58 cars; the guide's note comes from parts sellers)

Expansion tank and hoses ☐ OK ☐ Watch ☐ Fix

Charge-air cooler circuit ☐ OK ☐ Watch ☐ Fix

Pressure test ☐ OK ☐ Watch ☐ Fix

Leak: dry / damp / wet

Scan for: Low coolant

Parts (G80): We found no reliable S58 coolant-tank 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. Carbon build-up on the intake valves

Watch · Any mileage (No NHTSA reports about carbon or intake deposits on S58 cars)

Idle quality ☐ OK ☐ Watch ☐ Fix

Borescope of intake valves if symptoms ☐ OK ☐ Watch ☐ Fix

Scan for: Misfire codes

Parts (G80): No part: this is a labor job. Ask which cleaning method the shop uses.

FACTORY MAINTENANCE DUE BY 64,000 MI (ASK FOR RECORDS)

Spark plugs · every 30,000 mi · was due at 30,000 mi, next 60,000 mi · $329 ☐ Done (records) ☐ Due ☐ Quoted

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

C · ALSO REPORTED FOR THE S58, QUICK CHECKS

- **Rear differential mounting bolt (X3 M / X4 M)** (15 complaints): A drivetrain item, not an engine part. Owners describe a sheared or bent bolt, a clunk from the rear or a loose differential (e.g. ODI 11525811, 11593373). We found no BMW bulletin or sourced repair bill; owners mention a revised bolt and aftermarket kits, so ask a BMW center what applies to the VIN.

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.