SEA

Springfield Euro Auto EXAMPLE SHOP

service@springfield-euro-auto.example

TECHNICIAN WORKSHEET · B58
RA-B58-123456-20261027

2020 BMW M340i · G20 3 Series sedan · RWD

WBA5U7C06LA123456

ODOMETER IN	DOOR-JAMB BUILD (MM/YY)	RO #	TECHNICIAN / DATE
58,000			

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

24V-576 · Starter overheating (software update)	☐ Open ☐ Done ☐ N/A
21V-598 · Brake assist at engine start (software)	☐ Open ☐ Done ☐ N/A
23V-584 · Seat belts	☐ Open ☐ Done ☐ N/A
23V-211 · Seats	☐ Open ☐ Done ☐ N/A
20V-355 · Steering · tie rod	☐ Open ☐ Done ☐ N/A
20V-164 · Seat belts · front buckle	☐ Open ☐ Done ☐ N/A

25V-644 (Starter overheating (new starter)): not listed by NHTSA for MY2020. Confirm on the dealer printout.

B · INSPECTION POINTS, IN PLAN ORDER

1. Starter recalls (fire risk)

Recall · Listed for this model and year: check by VIN

Dealer campaign history for 24V-576 / 25V-644 ☐ OK ☐ Watch ☐ Fix

Cranking behavior ☐ OK ☐ Watch ☐ Fix

Scan for: Starter / start-system codes

Parts (G20): Ask your parts supplier for the OE number for this VIN.

2. Oil filter housing & oil cooler (coolant leak)

Plan · Any mileage (Too few B58 reports for a figure)

Coolant crust or wetness behind the intake ☐ OK ☐ Watch ☐ Fix

Cooling system pressure test ☐ OK ☐ Watch ☐ Fix

Leak: dry / damp / wet

Scan for: Low coolant

Parts (G20): Genuine BMW oil filter housing with oil cooler 11 42 8 583 895 (BimmerBench parts check, Oct 17, 2026). Confirm by VIN.

3. Heat management module (thermostat)

Plan · Any mileage (Age and mileage; no reliable figure)

Leak at the module ☐ OK ☐ Watch ☐ Fix

Warm-up time and coolant temperature ☐ OK ☐ Watch ☐ Fix

Scan for: Thermostat / heat management codes

Parts (G20): Genuine BMW heat management module 11 53 7 642 854 (2017–2019 first-generation B58) or 11 53 8 642 559 (2020+), per BimmerBench's parts check (Oct 17, 2026). Confirm by VIN.

4. Coolant pump (belt-driven)

Plan · Below the range (No reliable figure; shops plan it past ~80k)

Seep or crust at the pump ☐ OK ☐ Watch ☐ Fix

Pulley condition ☐ OK ☐ Watch ☐ Fix

Pump: original / replaced at ____ mi

Scan for: Low coolant, Overheat

Parts (G20): Genuine BMW coolant pump with support 11 51 8 650 986 or pump 11 51 8 482 251; which one fits depends on the car and build date (BimmerBench parts check, Oct 17, 2026).

5. Expansion tanks & coolant lines

Plan · Any mileage (Age-related; no reliable figure)

Tank seams and quick-connect O-rings ☐ OK ☐ Watch ☐ Fix

Scan for: Low coolant

Parts (G20): Ask your parts supplier for the OE high- and low-temperature expansion tank numbers for this VIN; they differ between models.

6. Valve cover / PCV valve

Watch · Any mileage (Age-related; no reliable figure)

Seep at cover gasket, exhaust side ☐ OK ☐ Watch ☐ Fix

Crankcase pressure faults ☐ OK ☐ Watch ☐ Fix

Leak: dry / damp / wet

Scan for: Crankcase pressure / lean codes

Parts (G20): Genuine BMW cylinder head cover 11 12 7 645 173 (BimmerBench parts check, Oct 17, 2026). Confirm by VIN.

7. Oil pump (early plastic-ring design)

Watch · Any mileage (Mostly 2019–2021 cars; median ~60k (thin data))

Oil-level measurement completes? ☐ OK ☐ Watch ☐ Fix

Oil pressure readings, cold and hot ☐ OK ☐ Watch ☐ Fix

Pump version (early plastic-ring or revised) ☐ OK ☐ Watch ☐ Fix

Pump: early / revised (part no. ____)

Scan for: 21B2C7, Oil pressure codes

Parts (G20): Revised genuine BMW oil pump 11 41 9 895 359 (replaced 11 41 8 646 453) or 11 41 8 646 454, depending on the car (BimmerBench parts check, Oct 17, 2026). The job drops the front subframe and oil pan, and xDrive cars also need the front differential and axles out (BimmerBench), so most of the bill is labor.

FACTORY MAINTENANCE DUE BY 88,000 MI (ASK FOR RECORDS)

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

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

C · ALSO REPORTED FOR THE B58, 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.