

Mercedes-Benz Sprinter 2019 – Diagnostics Buyer's Checklist

Use this checklist when asking the seller to show diagnostic live data. Acceptable values indicate a healthy van; anything outside these ranges is a red flag.

Category	Parameter	Acceptable Range / Notes	Walk-Away Signal
DPF / Exhaust	Distance since last regen	300–500 km typical	<200 km (too frequent) or >1000 km (not
DPF / Exhaust	Soot load	<20 g after regen, <45 g before regen	>45 g after regen
DPF / Exhaust	Ash load	<200 ml @ 200k km	>250 ml (DPF end-of-life)
DPF / Exhaust	Incomplete regens	Few or none	Frequent aborted regens
Engine	Injector correction values	± 2.0 mm ³ /stroke	> ± 2.5 mm ³ /stroke
Engine	Rail pressure	Idle 300–350 bar, load up to 1800 bar	Out of range or unstable
Turbo / Air	Boost pressure	Idle ~1000 mbar, load 2300–2500 mbar	Weak boost or big deviation
EGR	Valve status	Normal open/close operation	Stuck or permanent fault
SCR / AdBlue	NOx sensors	Values fluctuate realistically	Fixed at 0 or extreme values
SCR / AdBlue	Dosing activity	Active dosing visible	No dosing or system disabled