

BMW Requirements-based Service

Lead type: NX31

Model: 520d N47

[] Standard scopes

- Check Check Control messages
- Check telltale and warning lights

[] Engine oil

- Change engine oil and oil filter. **(5,2 l)**
- With each engine oil change
 - Replace microfilter
- Handbrake
 - Check function
- With every 3rd engine oil change
 - Intake silencer: replace air filter element. In event of large collection of dust, reduce intervals between changes accordingly. ¹
- With every 3rd engine oil change
 - Replace fuel filter. (In event of poor diesel fuel quality, reduce intervals between changes if necessary.) ¹
- Reset according to factory specification

[] Front brakes

- Change brake pads, clean brake pad take-ups
- Brake discs
 - Check surface and thickness
 - If necessary: replace ¹
- Reset according to factory specification

[] Rear brakes

- Change brake pads, clean brake pad take-ups
- Brake discs
 - Check surface and thickness
 - If necessary: replace ¹

- Handbrake
 - Check condition, brake lining thickness and function
 - If necessary: replace¹
- Reset according to factory specification

[] Brake fluid

- Change brake fluid
- Reset according to factory specification

[] Vehicle check

- Diagnosis brief test
- Check horn, headlight flasher and hazard warning lights.
- Check instrument and indication field lighting, check heater blower.
- Check lighting system.
- Seat belts: check condition of belt strap, function of inertia reel mechanism, locking reel, belt buckle.
- Check windscreen wash/wipe system
- Body: check for corrosion (except cavities)
- Tyres: check tread depth, tread pattern, external condition, check inflation pressure + correct if necessary.
- Initialise Run Flat Indicator
- Battery
 - Check battery
 - If necessary: recharge battery.¹
- Steering fluid reservoir: check fluid level
- Check coolant level and concentration, top up if necessary.¹
- Wipers for windscreen and headlights
 - Check fluid level, top up if necessary
- Brake lines and connections: check for leaks, damage and correct position
- Underbody incl. all visible parts: check for damage, leaks and corrosion.
- Steering components: check for clearance, leaks, damage and wear.
- Check for roadworthiness (test drive)
 - Brakes
 - Steering
 - Shock absorbers
 - Clutch
- Reset according to factory specification

¹ for a separate charge