

BMW Requirements-based Service

Lead type: NR21

Model: 523Li N52

[] Standard scopes

- ☐ Check Check Control messages
- ☐ Check telltale and warning lights
- ☐ Reset CBS display as per factory specification.

[] Engine oil

- ☐ Change engine oil and oil filter. **(6,5 l)**
- ☐ 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.

[] Front brakes

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

[] 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: replace ¹

[] Microfilter

- ☐ Heater/air conditioner: change microfilter/carbon canister.

[] Brake fluid

- ☐ Change brake fluid

[] Spark plugs

- ☐ Replace spark plugs.

[] 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 and external condition, check inflation pressures + correct if necessary (spare wheel as well)
- Battery
 - Check display (magic eye).
 - If necessary: recharge battery. ¹
- Steering fluid reservoir: check fluid level
- Check coolant level and concentration, top up if necessary. ¹
- Windscreen washer system: 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

1 for a separate charge