

# BMW Inspection I

VIN: BC11701

Model: 520i

## Body / electrical system

- ☐ Battery
  - Check acid level and charge state (high-current test), top up with distilled water if necessary.
  - If necessary: recharge battery. <sup>1</sup>
- ☐ Check lighting system.
- ☐ Check instrument and indication field lighting.
- ☐ Check horn, headlight flasher and hazard warning lights.
- ☐ Windscreen wash/wipe system: check wiper blades and spray nozzle adjustment.
- ☐ Seat belts: check condition and function.
- ☐ Locks: check condition and function, oil or grease if necessary.
- ☐ Heater/air conditioner: change microfilter/carbon canister. (In event of large collection of dust, reduce intervals between changes accordingly.) <sup>1</sup>
- ☐ Check entire body - except cavities - for corrosion (no later than after 2 years).

## Engine compartment

- ☐ Reset service interval indicator as per factory specification.
- ☐ Fault memory search.
- ☐ Coolant hoses: visually inspect for leaks. Check coolant level and concentration, top up if necessary.
- ☐ Important: change coolant no later than every 2 years (fill quantity as required). <sup>1</sup>
- ☐ Power steering/ride height control: visually inspect for leaks, check fluid level, top up if necessary.
- ☐ Brake and clutch hydraulics: check fluid level, top up if necessary.
- ☐ Important: change brake fluid as per SII, no later than after 2 years. <sup>1</sup>
- ☐ Fluid level and antifreeze additive of windscreen washer and intensive cleaning systems: check, top up if necessary.

## Chassis area

- ☐ Change engine oil and oil filter. **(5,75 l)**
- ☐ Transmissions/gearboxes (all): visually inspect for leaks
- ☐ Fuel lines, fuel tank and fuel hoses: visually inspect routing, condition and for leaks.
- ☐ Exhaust system: check condition, routing, mounting and for leaks.
- ☐ Check steering for clearance. Check condition of tie rod and front axle joints, steering gear, steering linkage, sleeves and flexible disc.
- ☐ Disc brake pads at front and if necessary at rear: remove and install, check total thickness. Replace pads if necessary. Clean brake pad take-ups. Brake discs: check surface and thickness. Grease wheel centring mount on alloy disc wheels.

- Brake lines and connections: visually inspect for leaks, damage and correct position.
- Check handbrake lever travel, adjust as per adjusting instruction if necessary.
- Tyres
  - Check inflation pressures, correct if necessary (spare wheel as well!). Check external condition (left/right), tread depth and tread pattern.
  - In event of uneven wear, carry out wheel alignment and correct after consultation with customer. <sup>1</sup>

### **Final inspection**

- Check for roadworthiness:
  - Brakes (rear disc brakes: brake in handbrake)
  - Steering/power steering
  - Clutch
  - Springs and shock absorbers (visual inspection)
  - Rearview mirror
  - Heater blower
  - Telltale and warning lights in instrument cluster
  - Check Control messages

1        for a separate charge