

# BMW Inspection II

VIN: GY30900

Model: 525d

## Body / electrical system

- ☐ Check lighting system.
- ☐ Check instrument and indication field lighting, check heater blower.
- ☐ Check horn, headlight flasher and hazard warning lights.
- ☐ Seat belts: check condition of belt strap, function of inertia reel mechanism, locking reel, belt buckle.
- ☐ Battery
  - Check acid level, charge state (magic eye).
  - If necessary: recharge battery. <sup>1</sup>
- ☐ Heater/air conditioner: change microfilter/carbon canister (in event of large collection of dust, reduce intervals between changes accordingly).
- ☐ Check water drain below brake booster for contamination, clean if necessary
- ☐ Check entire body - except cavities - for corrosion.

## Engine compartment

- ☐ Diagnosis brief test
- ☐ Change engine oil and oil filter. **(6,5 l)**
- ☐ Check coolant level. If refilling: check concentration.
- ☐ Important: change coolant no later than every 4 years (fill quantity as required). <sup>1</sup>
- ☐ Reset service interval indicator as per factory specification.
- ☐ Windscreen washer and intensive cleaning systems: check fluid level, top up if necessary.
- ☐ Steering fluid reservoir: check fluid level, top up fluid if necessary. <sup>1</sup>
- ☐ Fuel cooler: check for external contamination, clean if necessary
- ☐ Important: change brake fluid as per SII, no later than after 2 years. <sup>1</sup>
- ☐ Intake silencer: replace air filter element. In event of large collection of dust, reduce intervals between changes accordingly.

## Chassis area

- ☐ Brake pads
  - Check pad thickness with measuring gauge.
  - If changing pads: clean brake pad take-ups. Brake discs: check surface and thickness. If changing at pads at rear: check parking brake linings. Grease wheel centring mount on alloy wheels. <sup>1</sup>
- ☐ Steering components: check for clearance, leaks, damage and wear.
- ☐ Underbody incl. all visible parts: check for damage, leaks and corrosion.
- ☐ Brake lines and connections: visually inspect for leaks, damage and correct position.

- Parking brake: check function, adjust as per instructions if necessary.
- Tyres: check inflation pressures, correct if necessary (spare wheel as well!). Check external condition, tread depth and tread pattern.
- Replace main fuel filter. (In event of poor diesel fuel quality, reduce intervals between changes if necessary.)

### **Final inspection**

- Check for roadworthiness
  - Brakes (brake in parking brake)
  - Steering/power steering
  - Automatic transmission
  - Shock absorbers
  - Telltale and warning lights
  - Check Control

1        for a separate charge