

# BMW Inspection II

VIN: EA89567

Model: M 3

## Body / electrical system

- ☐ Check lighting system.
- ☐ Check instrument and indication field lighting, check heater blower.
- ☐ Check horn, headlight flasher and hazard warning lights.
- ☐ Windscreen wash/wipe system: check wiper blades and spray nozzle adjustment.
- ☐ Seat belts: check condition of belt strap, function of inertia reel mechanism, locking reel, belt buckle.
- ☐ Locks: check condition and function, oil or grease if necessary.
- ☐ Battery
  - Check charge state, top up with distilled water if necessary.
  - 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.) <sup>1\*</sup>
- ☐ Body and underbody: check for corrosion and damage - except cavities.

## Engine compartment

- ☐ Fault memory search.
- ☐ Replace spark plugs.
- ☐ Check valve clearance, adjust if necessary.
- ☐ 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>
- ☐ Reset service interval indicator as per factory specification.
- ☐ Windscreen washer and intensive cleaning systems: check fluid level, top up if necessary.
- ☐ Power steering: visually inspect for leaks.
- ☐ 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>
- ☐ Intake silencer: replace air filter element. In event of large collection of dust, reduce intervals between changes accordingly.

## Chassis area

- Change engine oil and oil filter. **(5,5 I)**
- Front and rear disc brake pads: 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 wheels.
- Parking brake: check lining thickness.
- Check steering for clearance. Tie rod and axle joints, steering gear, sleeves and flexible disc: check condition.
- Transmissions/gearboxes (all): visually inspect for leaks
- Oil change in manual gearbox. **(1,75 I)**
- Fluid change in rear differential. **(1,3 I)**
- Fuel lines, fuel tank and fuel hoses: visually inspect routing, condition and for leaks.
- Exhaust system: check condition, routing, mounting and for leaks.
- Output shafts: check gaiters for leaks.
- 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
  - Shock absorbers (visual inspection)
  - Telltale and warning lights
  - Check Control

<sup>1</sup> for a separate charge

<sup>1\*</sup> for a separate charge except for vehicles with standard equipment specification