

BMW Inspection II

Lead type: 1001

Model: M 3

Body / electrical system

- ☐ 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.) ^{1*}
- ☐ Independent heating
 - Check
 - Repair as required. ²

Engine compartment

- ☐ Fault memory search.
- ☐ Reset service interval indicator as per factory specification.
- ☐ Replace spark plugs.
- ☐ Check valve clearance, adjust if necessary.
- ☐ Intake silencer: replace air filter element. In event of large collection of dust, reduce intervals between changes accordingly, no later than after 2 years.
- ☐ 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). ¹
- ☐ Power steering: 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 SIA, no later than after 2 years. If necessary, activate service interval indicator. ¹
- ☐ Fluid level and antifreeze additive of windscreen washer and intensive cleaning systems: check, top up if necessary.
- ☐ Check acid level in battery cells, top up with distilled water if necessary.
- ☐ All V-belts.
 - Check tension and condition.
 - Retension and replace if necessary. ¹
- ☐ Check engine idle setting, adjust if necessary. Check exhaust content, readjust if necessary.

Chassis area

- Change engine oil and oil filter. **(4,4 I)**
- 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.
- Remove and install disc brake pads at front and if necessary at rear, check total thickness. Replace pads if necessary. Check surface condition of brake discs. Grease wheel centring mount on alloy disc wheels.
- Brake system: check connections and lines for leaks, damage and correct position. Clean brake linings and drums for footbrake and check for wear. Check wheel brake cylinders and dust sleeves for leaks and parking brake cables for ease of movement.
- Adjust handbrake.
- 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. ¹
- Oil change in manual gearbox. **(1,6 I)**
- Fluid change in rear differential. **(1,7 I)**
- Check clutch drive plate for wear.
- Rear disc brakes: check thickness of handbrake linings.
- Output shafts: check gaiters for leaks.
- Replace main fuel filter.

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

^{1*} for a separate charge except for vehicles with standard equipment specification

² for a separate charge (observe national regulations)