


Maintenance Overview of BMW/ALPINA Automobiles

				
	B3 3.3	B10 3.3	B10 V8	B12 6.0
Running-in check at 2000 km				
Engine compartment:				
Brief diagnostic test	•	•	•	•
Change engine oil and filter element	•	•	•	•
Suspension:				
Change engine oil in the manual gearbox	•	•		
Change oil in rear-axle final drive***	•	•	•	•
Final inspection: (test drive)				
Brakes, steering	•	•	•	•
Telltale and warning lights, check-control	•	•	•	•
□ Oil service				
Chassis/Electrics				
Heating/air conditioning: renew micro filter/activated charcoal filter	•	•	•	•
Engine compartment				
Change engine oil and filter element	•	•	•	•
Reset service interval indicator according to manufacturer specifications	•	•	•	•
Suspension:				
Remove and re-install brake pads, check overall thickness, replace if necessary*, clean caliper gaps. Brake discs: check surface condition and thickness. Grease wheel centering surfaces				•
Brake pads: check pad thickness with suitable gauge. When changing pads*: clean caliper gaps, check brake disc thickness and surface, grease wheel centering surface. When changing rear brake pads: check parking brake pads	•	•	•	
Parking brake: check lever travel, adjust according to specifications, if necessary	•	•	•	•
□ Inspection I				
Chassis/Electrics				
Check lighting system	•	•	•	•
Check instrument and control illumination and heater blower	•	•	•	•
Check operation of horn, headlight flasher, and hazard warning system	•	•	•	•
Check windscreen wiper and washer system: check wiper blades and spraying nozzle settings	•	•	•	•
Seat belts: check condition of belt strap, function of reels, belt pull-out lock and belt buckle	•	•	•	•
Battery: check display (magic eye). If necessary, recharge battery *	•	•	•	•
Heating/air conditioning: renew micro filter/activated charcoal filter** (reduce renewal intervals as necessary in dusty operating conditions)	•	•	•	•
Chassis and underbody including all visible parts: check for damages, leaks, and corrosion	•	•	•	•
Engine compartment:				
Brief diagnostic test	•	•	•	•
Change engine oil and filter element	•	•	•	•
Intake silencer: renew air-filter cartridge (reduce renewal intervals as necessary in dusty operating conditions)	•	•	•	•
Coolant hoses: visual check for leaks, check coolant level for concentration and add coolant, if necessary	•	•	•	•
Important: renew coolant after 4 years at the latest*				
Reset service interval indicator according to manufacturer specifications	•	•	•	•
Windscreen washing system and intensive cleaning system: check fluid level and top up if necessary	•	•	•	•

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□ Inspection I (continued)				
Power steering/levelling system: visual check for leaks and oil level, add oil if necessary	●	●	●	●
Brake/clutch hydraulic system: check fluid level and top up if necessary.	●	●	●	●
Change brake fluid as shown on the Service Interval Indicator, or at the latest after 2 years *	●	●	●	●
Suspension:				
Remove and re-install brake pads, check overall thickness, replace if necessary*, clean caliper gaps. Brake discs: check surface condition and thickness. Grease wheel centering surfaces				●
Brake pads: check pad thickness with suitable gauge. If pads are changed*: clean brake caliper gaps, check brake disc surface condition and thickness, grease wheel centering surfaces. If rear pads are changed: check parking brake	●	●	●	
Steering components: check for freedom from play, leaks, damage and wear	●	●	●	●
Gears (all): visual checks for leaks	●	●	●	●
Exhaust system: check condition, suspension, position, leaks.	●	●	●	●
Brake lines and connections: visual check for leaks, damages and incorrect location. Parking brake: check lever travel, adjust according to specifications if necessary	●	●	●	●
Tyres: check air pressure and correct if necessary (including spare wheel); check visible condition, tread depth and tread wear pattern. When uneven wear, after consulting with the customer, check wheel alignment and adjust if necessary *	●	●	●	●
Final inspection: (test drive)				
Brakes: Brake in the service and parking brakes, check steering, clutch, gearbox and automatic gearbox, and shock absorbers (visual check). Check telltale, warning lamps and check control	●	●	●	●
Check functioning of SWITCH-TRONIC	●		●	●
□ Inspection II				
includes work from Inspection I and the following additional checks:				
Engine compartment:				
Renew spark plugs	●	●	●	●
Suspension:				
Parking brake: check pad thickness	●	●	●	●
Output shafts: check gaiter for leaks	●	●	●	●
In addition, at every second Inspection II:				
Heating/air conditioning: replace recirculated-air filter				●

*) at additional charge

**) at additional charge unless part of car's standard equipment

***) only use hypoid oils for axle drive with friction-disc self-locking differential