



INSPECTION II

Bentley service Manual

Date:

Mileage:

Engine Compartment:

- Check and adjust valve clearance (M20 – M30).
- Replace camshaft timing belt every other Inspection II or 50K miles.
- Inspect V-belt/Poly-ribbed drive condition, check tension (M20-M30).
- Lubricate throttle linkage.
- Change Oil and oil filter.
- Change air filter or clean it if reusable (like K&N).
- Check battery acid level and correct if needed.
- Check Coolant level and inspect system for leaks.
- Check Steering fluid and brake/clutch level.
- Check windshield washer fluid level.

Undercarriage:

- Change automatic transmission fluid (except 540i).
- Change manual transmission oil.
- Check clutch plate for wear.
- Check drive axle boots for leaks.
- Change final drive fluid (*95 change synthetic fluid every other Insp.II).
- Replace fuel filter.
- Check fuel lines, fuel tank and all connections for leaks.
- Inspect exhaust system.
- Check steering box and steering linkages for leaks and excess play.
- Inspect brake callipers, rotors and brake pad thickness.
- Inspect brake hoses and lines for damage or leaks.
- Check handbrake, adjust cable if needed.
- Check thickness of parking brake linings.
- Inspect front suspension and wheel bearings for play.
- Inspect wheels, tires and adjust tire pressures.
- Check spare tire pressure.
- Change ASC+T filter (car with traction control).
- Check hydraulic fluid level for LAD (car with Level Control System)

Body and Interior:

- Lubricate door hinges, hood latch and hood hinges.
- Check operation of exterior/interior lights (including glove box, engine compartment...).
- Check headlight and driving light aiming.
- Check condition and function of seat belts.
- Check operation of washer system and wiper blade condition.
- Check active check control panel for faults.
- Check function of air conditioning. Check refrigerant charge at sight glass.
- Tighten A/C compressor mounting bolts.
- Tighten nuts and bolts for door locks and striker plates.
- Check ground connection of SRS (airbag) front sensor to body (if equipped)
- Replace intake dust/pollen micro filter in A/C unit (no filter in '89 E34).
- Replace batteries for alarm/remote control in master key (*95 E34).

Road Test:

- Check braking performance, steering, HVAC, transmission and mirrors.