

## BMW 7 Series (E38) Service Manual: 1995-2001 740i, 740iL, 750iL

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1256 pages, 1050 photos, illustrations and diagrams

The **BMW 7 Series (E38) Service Manual: 1995-2001** is a comprehensive source of service information and specifications for BMW 7 Series models from 1995 to 2001. Whether you're a professional or a do-it-yourself BMW owner, this manual will help you understand, care for and repair your car.

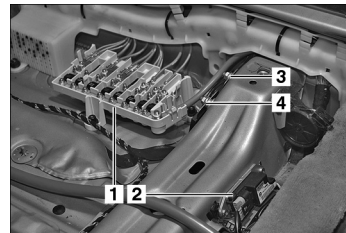
**New durable hardcover format** - This BMW manual is now being published as a durable, long-lasting hardcover book designed to withstand many years of use in a professional shop or home garage.

### Features:

- Maintenance procedures from replacing the fresh air and recirculation microfilters to changing the ATF. This manual tells you what to do and how and when to do it.
- Step-by-step engine timing chain service.
- Cylinder head cover and crankshaft seal replacement.
- Cooling system filling and bleeding, coolant pump replacement and engine cooling fan and radiator service.
- Fuel injection and ignition system diagrams and explanations, including five different Bosch Motronic engine management systems.
- Suspension repair procedures, including stabilizer bar link, control arm and axle boot replacement.
- Brakes, steering and ABS maintenance, troubleshooting, and repair.
- Heating and air-conditioning repair, including A/C component replacement.
- Body, hood and sunroof repairs and adjustments.
- Electrical system service, with an easy-to-use illustrated component locator section.
- Wiring schematics for selected models, including power distribution and grounds.
- BMW OBD II diagnostic trouble codes, SAE-defined OBD II P-codes, as well as basic scan tool operation.
- Comprehensive BMW factory tolerances, wear limits, adjustments and tightening torques.



*Bentley technical editors documenting fuel filter replacement*



*Locations of hundreds of electrical components: Fuse panel under passenger seat.*  
**ECL Electrical Component Locations**

### Models, engines and transmissions covered:

#### V8 models and engines:

740i, 740iL: M60 4.0 liter, M62 or M62 TU 4.4 liter

#### V12 models and engines:

750iL: M73 or M73 TU 5.6 liter

#### Engine management systems (Motronic):

Bosch M3.3 (OBD I)  
Bosch M5.2 (OBD II)  
Bosch M5.2.1 (OBD II)  
Bosch M5.2.1 (OBD II / LEV)  
Bosch ME 7.2 (OBD II)

#### Automatic transmissions (remove, install, external service):

A5S 560Z  
A5S 440Z