

Summary



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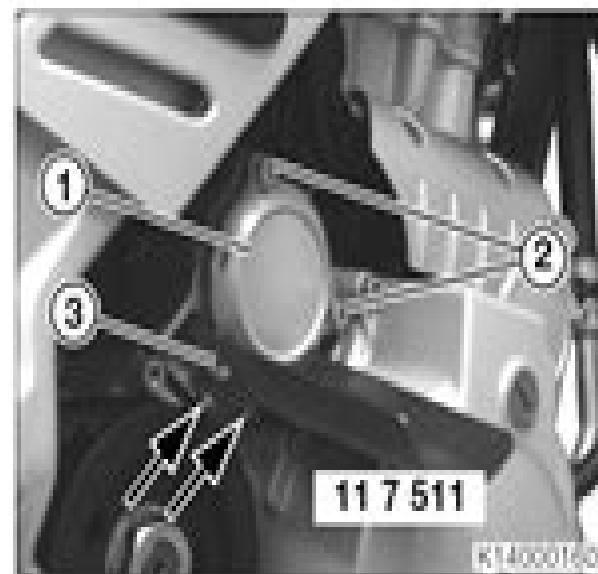
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00 11 215 Replacing oil filter element



- Remove the left-hand screw (3) securing the oil-filter cover (1).
- Remove the cable for the neutral-indicator switch from its guide.
- Engage the oil drain guide, **BMW No. 11 7 511**, on the pins (arrows) on the engine block.
- Position a drip tray beneath the engine.
- Remove the screws (2) and remove the oil-filter cover.
- Remove the filter element.
- Fully drain the oil and clean the oil-filter housing.

00 11 215 Filling with engine oil

- Install the oil drain plug in the engine with a new sealing ring and tighten.
- Fill the oil tank with 0.5 l (0.88 imp. pints/0.53 US quarts) of engine oil and install the filler cap.



Note:

The requisite quantity of oil is 0.5 (0.88 imp. pints/0.53 US quarts) to 1.5 l (2.64 imp. pints/1.59 US quarts), depending on operating status.



Warning:

Observe the hazard avoidance instructions for running internal combustion engines in enclosed spaces.

- Installation is the reverse of the removal procedure: pay particular attention to the following.



Warning:

Observe the hazard avoidance instructions for running internal combustion engines in enclosed spaces.

- Check the oil level with the engine at operating temperature, proceeding as follows:

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Autocar ,1997 **Road and Track** ,1977 Cars & Parts ,1976 *BMW 3- & 5-Series Service and Repair Manual* ,2013 Autocar & Motor ,1992-11 *Boatowners Mechanical and Electrical Manual 4/E* Nigel Calder, 2015-07-03 The maintenance bible for boatowners is fully updated and better than ever If it s on a boat and it has screws wires or moving parts it s covered in Boatowner s Mechanical and Electrical Manual When you leave the dock with this indispensable resource aboard you have at your fingertips the best and most comprehensive advice on Battery technologies including recent developments in lead acid and lithium ion batteries and fuel cells 12 and 24 volt DC systems Electric and hybrid propulsion How to radically improve the energy efficiency of most boats Corrosion bonding and lightning protection Generators inverters battery chargers wind and water generators and solar power Electric motors and electric lights Marine electronics including networking systems antennas and RFI Diesel engines Transmissions shaft brakes and propellers Refrigeration and air conditioning Tanks plumbing and through hulls Pumps and watermakers Steering autopilots and wind vanes Stoves and heaters Winches windlasses and bow thrusters Spars rigging and roller reefing *Moody's Industrial Manual* ,1997 Covering New York American regional stock exchanges international companies **BMW 3- & 5-series Service and Repair Manual** Andrew K. Legg, Larry Warren, 1998 BMW 3 Saloon Touring Saloon 81 88 up to F 5 Series E34 518i 520i 525i 530i 535i Saloon Touring 88 91 F to J Does NOT cover models with DOHC V8 or Diesel engines or 4x4 For other 3 5 series models see manuals no 0276 0632 0815 1560 or 3210 Petrol 1 6 litre 1596cc 1 8 litre 1766 1795cc 2 0 litre 1990cc 2 5 litre 2494cc 2 8 litre 2788cc 3 0 litre 2986cc 3 5 litre 3430cc SOHC The Autocar ,1971 *Special-interest*

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