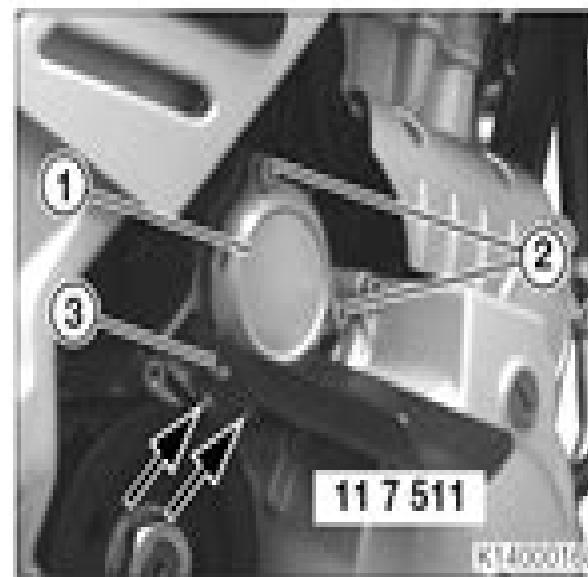




09 11 216 Replacing oil filter element



- Remove the left-hand screw (2) 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.

09.11.215 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.



10

The requisite quantity of oil is 0.5 (0.68 Imp. pints/0.53 US quarts) to 1.5 l (2.64 Imp. pints/1.59 US quarts), depending on operating status.



卷之三

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



U-Warnheit

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:

Bmw Akpp Repair Manual

Robert Rooney,John Harold Haynes

Bmw Akpp Repair Manual:

BMW 3- & 5-Series Service and Repair Manual ,2013 *BMW 3-series Service and Repair Manual* Mark Coombs,Steve Rendle,1996 [BMW 5 Series Diesel \(03-09\) 52 to 10](#) Martynn Randall,2011 BMW 5 Series Saloon E60 and Touring E61 with 4 6 cylinder turbo diesel engines 520d 525d 530d 2 0 litre 1995cc 2 5 litre 2497cc 3 0 litre 2993cc turbo diesel Does NOT cover petrol models 535d twin turbo diesel models or models with xDrive transmission Does NOT cover new 5 Series F10 F11 range introduced during 2010

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

BMW 3-Series Automotive Repair Manual Robert Phillip Maddox,Joe L. Hamilton,John Harold Haynes,2011 [B. M. W.3 Series Service and Repair Manual](#) Peter G. Strasman,1995 *Owners Workshop Manual for BMW 3-Series* Martynn Randall,2015 **BMW 3 and 5 Series Automotive Repair Manual** Larry Warren,1993

Service and Repair Manual for BMW 3- & 5-Series A. K. Legg,2013 *BMW Owners Workshop Manual* A. K. Legg,1987 Saloon Does NOT cover revised range introduced October 1981 Petrol 2 5 litre 2494cc 2 8 litre 2788cc

Service and Repair Manual for BMW 3-series Mark Coombs,Steve Rendle,2003 **Service and Repair Manual for BMW 1 Series** Martynn Randall,2011 Hatchback and Coupe models with 4 cylinder petrol and diesel engines 1 6 litre 1596cc and 2 0 litre 1995cc petrol engines 2 0 litre 1995cc diesel engine Does not cover 2 5 or 3 0 litre engines or features specific to Convertible

BMW Owners Workshop Manual John Harold Haynes,1982 [BMW Automotive Repair Manual 1992-1998](#) John Haynes,2000-05-30 Haynes Includes Z3 models

BMW 3-series Automotive Repair Manual Robert Rooney,John Harold Haynes,1997 There is a Haynes manual for most popular domestic and import cars trucks and motorcycles By conducting complete tear downs and rebuilds the Haynes staff has discovered all the problems owners will find in rebuilding or repairing their vehicle Documenting the process in hundreds of illustrations and clear step by step instructions makes every step easy to follow with the exact order of assembly and all the specifications needed to complete the job From simple maintenance to trouble shooting and incomplete engine rebuilds it's easy with Haynes

BMW repair manual ,1967 **Repair Manual, BMW R 45, R 65, R 65 LS.** ,1982* [BMW X5 \(E53\) Service Manual: 2000, 2001, 2002, 2003, 2004, 2005, 2006: 3.0i, 4.4i, 4.6is, 4.8is](#) Bentley Publishers,2010-10-01 The BMW X5 E53 repair manual 2000

2006 contains in depth maintenance service and repair information for BMW X5 models from 2000 to 2006 The aim throughout has been simplicity and clarity with practical explanations step by step procedures and accurate specifications Whether you're a professional or a do it yourself BMW owner this manual helps you understand care for and repair your BMW Models and engines 3 0i M54 engine 6 cylinder 3 0 liter 4 4i M62 TU engine V8 4 4 liter 4 4i N62 engine V8 4 4 liter

Valvetronic 4 6is M62 TU engine V8 4 6 liter 4 8is N62 engine V8 4 8 liter Valvetronic Transmissions remove install external service Manual 5 speed S5D 280Z Manual 6 speed GS6 37BZ Automatic 5 speed A5S 390R Automatic 5 speed A5S 440Z Automatic 6 speed GA6HP26Z **BMW 3 Series** Martynn Randall,2011 With a Haynes manual you can do it yourself from simple maintenance to basic repairs Haynes writes every book based on a complete teardown of the vehicle We learn the best ways to do a job and that makes it quicker easier and cheaper for you Our books have clear instructions and hundreds of photographs that show each step Whether you're a beginner or a pro you can save big with Haynes Step by step procedures Easy to follow photos Complete troubleshooting section Valuable short cuts Color spark plug diagnosis Complete coverage for all models of your Nissan Sentra from 2007 through 2012 Routine Maintenance Tune up procedures Engine repair Cooling and heating Air Conditioning Fuel and exhaust Emissions control Ignition Brakes Suspension and steering Electrical systems Wiring diagrams *BMW Isetta Factory Repair Manual* Velocepress,BMW AG,2002-01-01 The BMW Isetta holds a special place in the hearts of micro car enthusiasts around the world VelocePress has published this English language version of the original 1957 four language BMW Isetta Factory Manual to help you keep your Isetta on the road and good repair

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