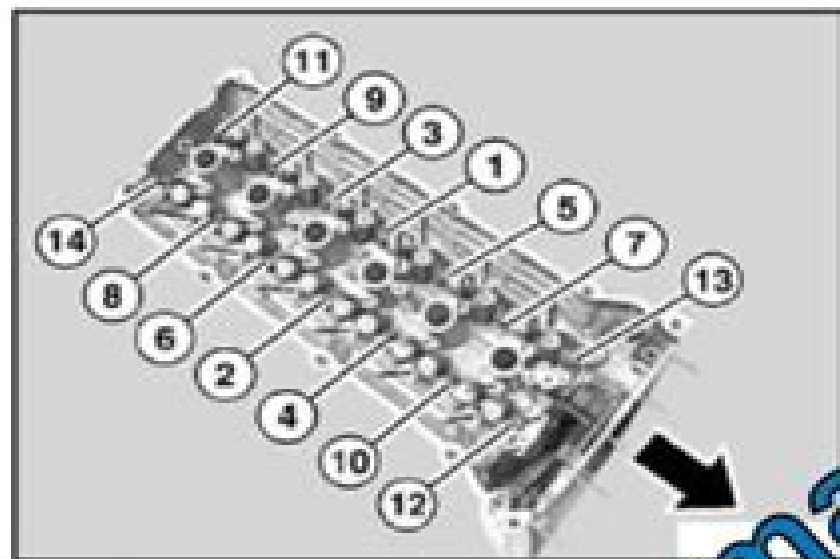


BMW X5 E53 2000-2006 Workshop Manual



G03230048

Fig. 22: Cylinder Head Bolt Tightening Sequence

Courtesy of BMW OF NORTH AMERICA

Installation:

Installation of cylinder head is done immediately from removal.

Clean sealing faces of cylinder head and engine block; if necessary, remove traces of sealant with hardwood spatula. Make sure that oil and coolant residuals drop into oil and cooling channels.

There must be no dirt in the oil and coolant holes of the engine block and the timing case cover.

Danger of cross-threading shortened tightening values.

Check dowel sleeves for damage and correct installation position.



- | | |
|----------------------------|--------------------------------|
| 1. Nut | 9. Compressor Control Valve |
| 2. Key | 10. Snap Ring |
| 3. Clutch Plate | 11. Compressor |
| 4. Snap Ring | 12. High-Pressure Relief Valve |
| 5. Pulley Assembly Bearing | 13. Suction Port Filter Screen |
| 6. Pulley Assembly | 14. Suction Port |
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| 8. Snap Ring Shaft Seal | 16. Discharge Port |

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Bmw E53 Engine Repair Manual

Phil Edmonston



Bmw E53 Engine Repair Manual:

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 **The BMW 5 Series and X5** Marc Cranswick, 2014-01-10 BMW is a company associated with motoring firsts The very idea of a sports sedan was merely a novelty until BMW introduced the 5 series in 1972 As BMW s middle child the 5 series has drawn features from the company s smallest and largest models establishing a reputation for performance and practicality through multiple generations This book covers the history of the 5 series midsize sedan and the related X5 SUV from September 1972 to the e60 s major makeover for 2008 and the development of the e70 X5 Specific mechanical electronic and cosmetic changes are described including the time of and reasons for their introduction Several aspects of BMW s corporate history and technically related models such as the 6 series are also described as are aftermarket modifications by Alpina Hartge and other specialist BMW tuners and speed shops The book includes more than 200 photographs **WALNECK'S CLASSIC CYCLE TRADER, NOVEMBER 1988** Causey Enterprises, LLC, *Road and Track* ,2006 European Car ,2005 **Lemon-Aid New and Used Cars and Trucks 1990-2015** Phil Edmonston, 2013-11-18 Lemon Aid New and Used Cars and Trucks 1990 2015 steers the confused and anxious buyer through the purchase of new and used vehicles unlike any other car and truck book on the market Dr Phil Canada s best known automotive expert for more than 42 years pulls no punches Lemon-Aid New and Used Cars and Trucks 1990-2016 Phil Edmonston, 2015-11-21 This book steers buyers through the the confusion and anxiety of new and used vehicle purchases unlike any other car and truck book on the market Dr Phil Canada s best known automotive expert for more than forty five years pulls no punches Road Test ,1972 *Cars & Parts* ,1979 Special-interest Autos ,1971 Autocar ,2004 *American Book Publishing Record* ,1984-04 **Vincent Motorcycles** Philippe Guyony, 2021-10-28 Very few motorcycles have carved a mark in history like the Vincent V twin from its arrival in 1946 and up to the present day On the road in club racing in drag races or competing for land speed records it dominated the motorcycle world leading to the famous catchphrase coined by the factory The World s Fastest Standard Motorcycle It was a FACT NOT a slogan Images such as that of Rollie Free in swimming trunks laying flat on his works modified Black Shadow and taking the American motorcycle land speed record at Bonneville in 1948 have now passed into posterity In fact the big

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