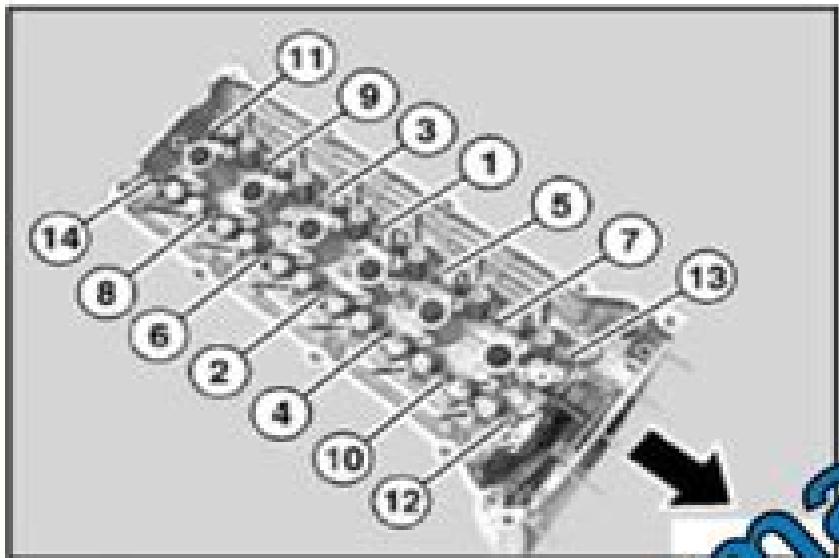


# BMW X5 E53 2000-2006 Workshop Manual



003230048

Fig. 11: Cylinder Head Bolt Tightening Sequence  
Courtesy of BMW OF NORTH AMERICA

## Installation:

Installation of cylinder head is done in the reverse order from removal.

Clean sealing faces of cylinder head and engine block; if necessary, remove traces of sealant with a hardwood spatula. Make sure that no remains drop into oil and cooling channels.

There must be no clearance between the holes of the engine block and the timing case cover.

Danger of catching hands when turning tensioning valves.

Check dowel sleeves for damage and correct installation position.



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

00604111

# 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

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Road Test, 1972 Cars & Parts, 1979

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*[jacquard dobby weaving software youtube](#)* - Jan 27 2022

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