

# BMW X3 E83 Diagnostic Trouble Codes

## Diagnostic trouble codes



1. Make sure the sensor is working properly position of the gas pedal.
  2. Switch on the ignition, the engine is not run.
  3. Wait 3-5 seconds.
  4. Within 5 seconds, perform the following operations:  
fully depress the gas pedal;  
completely release the gas pedal;  
wait 7 seconds;  
fully press the gas pedal.
  5. After about 10 seconds malfunction indicator starts blink.
  6. Count the number of flashes of the malfunction indicator.
  7. Determine the fault according to the code table.
  8. Each fault code (fig. 17.116) consists of four groups flashes from one or more:  
the first group of flashes indicates "Thousands" of the malfunction code (A);  
the second group of flashes means "Hundreds" of the malfunction code (B);  
the third group of flashes means "Tens" of the malfunction code (C);  
the fourth group of flashes denotes the "ones" of the DTC (D);  
ten flashes in a group correspond to the number "0";  
a short pause separates each a group of fault codes (E);  
a long pause separates the trouble codes (F);
  9. Read all fault codes and fix them (write them down). Switch off ignition.
- Figure 17.116 shows an example of a malfunction code "P1130".

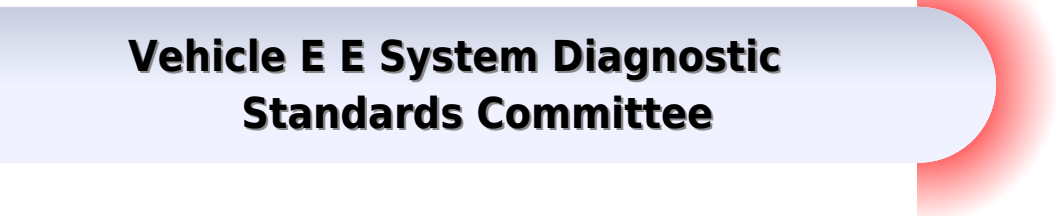
### EOBD / BMW / Malfunction / Possible causes of malfunction

**P1041 10334** Control unit for variable valve timing, bank 1 - EEPROM error  
Phase change system control unit gas distribution

**P1042 10334** The control unit for the variable valve timing system, bank 1 - RAM error  
Phase change system control unit gas distribution

# Bmw E83 Fault Codes

**Vehicle E E System Diagnostic  
Standards Committee**



## **Bmw E83 Fault Codes:**

**Motor Industry Magazine** ,2006     Forbes ,2004     *The New York Times Index* ,2004     **BMW X3 (E83) Service Manual: 2004, 2005, 2006, 2007, 2008, 2009, 2010: 2.5i, 3.0i, 3.0si, Xdrive 30i** Bentley Publishers,2015-01-26 The BMW X3 E83 Service Manual 2004 2010 contains in depth maintenance service and repair information for the BMW X3 from 2004 to 2010 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 Engines covered M54 engine 2 5i 3 0i 2004 2006 N52 engine 3 0si xDrive 30i 2007 2010 Transmissions covered Manual ZF GS6 37BZ 6 speed Automatic GM A5S390R 5 speed Automatic GM GA6L45R 6 speed

**Diagnostic Trouble Code Definitions** Vehicle E E System Diagnostic Standards Committee,2007 This document supersedes SAE J2012 APR2002 and is technically equivalent to ISO 15031 6 2005 with the exceptions described inSection 1 2 This document is intended to define the standardized Diagnostic Trouble Codes DTC that On Board Diagnostic OBD systems in vehicles are required to report when malfunctions are detected This document includes a Diagnostic Trouble Code format b A standardized set of Diagnostic Trouble Codes and descriptions c A standardized set of Diagnostic Trouble Codes subtypes known as Failure Types The prior version of SAE J2012 was technically equivalent to a draft version of ISO 15031 6 April 30 2002 The ISO document was subsequently edited and published as an International Standard ISO 15031 6 2005 including minor editorial changes This version of SAE J2012 includes all of the editorial changes that were included in the published version of the ISO document This version is updated to include the latest standardized fault codes and failure type byte subfaults provide a new fault code appendix format and remove certain figures that belong in the SAE J1930 standard SAE is offering the current Diagnostic Trouble Code DTC and Failure Type Byte FTB appendices in a new Digital DTC and FTB appendices web tool

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