

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

Xiang Xie

A red circular graphic with a gradient, appearing as a stylized arrow or a light effect, positioned to the right of the author's name.

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