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**Mechanic:** Wouter  
**Date:** 2022/08/17  
**Car licence no:**  
**VIN:**  
**Mileage:**  
**Vehicle:** BMW - 5-series [E60/61] - 2007

## Fault codes

### Fuel (EKPS (Fuel pump control) - Diagnose)

DTC	Description
	No fault codes

### Engine electronics

DTC	Description	
4390	- Charge air temperature sensor, signal - Intermittent	Distance indicator 360176 Km
		Frequency 21
		Reset counter 40
46D1	- Internal fault computer 4 - Intermittent	Distance indicator 360176 Km
		Frequency 1
		Reset counter 40
4203	- Pre-heating control unit - Intermittent	Distance indicator 360176 Km
		Frequency 1
		Reset counter 40
4A27	- Intelligent battery sensor, communication - Intermittent	Distance indicator 360176 Km
		Frequency 2

	Reset counter	40
3EFC	- Thermal oil level sensor	
4B37	- Oil status sensor	
4A07	- Generator, no communication via BSD	
4530	- Boost pressure control circuit; negative deviation	
4121	- DDE Main relay	
4587	- Fuel filter	

### **Brake (DSC/DXC (Dynamic stability control) - Bosch 8.0 - Tyre pressure monitoring)**

<b>DTC</b>	<b>Description</b>	
5F12	- Brake pad wear, front axle - Intermittent	
	Distance indicator	360176 Km
	Frequency	123
	Reset counter	40
5F13	- Brake pad wear, rear axle - Intermittent	
	Distance indicator	360176 Km
	Frequency	123
	Reset counter	40
5F45	- Brake fluid level, too low	

### **Instrument (Instrument (Instrument cluster ) - Diagnose)**

<b>DTC</b>	<b>Description</b>
A3BC00	- Unknown fault code

E104                   - K-CAN line fault  
                          - Intermittent

E10704               - Unknown fault code

### **Climate (Climate control - IHKA/IHKR (IHKA/IHKR: Climate control))**

**DTC                   Description**

E70400               - Unknown fault code

E71402               - Unknown fault code

### **Gearbox (EGS/SMG (Gearbox) - Diagnose)**

**DTC                   Description**

No fault codes

### **Immobiliser (Immobiliser - CAS (Car Access system))**

**DTC                   Description**

No fault codes

### **Immobiliser (Immobiliser - DWA (Anti-theft System))**

**DTC                   Description**

D944                   - Unknown fault code

### **Immobiliser (Immobiliser - SINE (Siren and tilt sensor))**

**DTC                   Description**

9D12                   - Internal battery  
                          - Short circuit to positive  
                          - Intermittent

### **Restraints (Airbag - ACSM (Crash safety module))**

<b>DTC</b>	<b>Description</b>		
93AE	- Side airbag, driver side, rear - Intermittent		
	Distance indicator		207296 Km
	Frequency		18
	Reset counter		40
C944	- ACSM/MRS: K-CAN line fault - Intermittent		
	Distance indicator		274576 Km
	Frequency		36
	Reset counter		15

### **Multifunction (Central Body - KBM (Body basic module))**

<b>DTC</b>	<b>Description</b>
A44A	- Power-window motor voltage, rear left - Permanent
E5840	- Unknown fault code
A418	- Hall sensor, power-window motor, rear right - Intermittent
A419	- Hall sensor, power-window motor, rear right - Intermittent
A448	- Hall sensor, power-window motor, rear left - Intermittent
A449	- Hall sensor, power-window motor, rear left - Intermittent

### **Multifunction (Central Body - KGM (Body gateway module))**

<b>DTC</b>	<b>Description</b>
	No fault codes

### **Multifunction (Central Body - RLS (Rain/light sensor))**

<b>DTC</b>	<b>Description</b>
	No fault codes

### **Multifunction (Central Body - SHD (Roof unit, slide/tilt sunroof))**

<b>DTC</b>	<b>Description</b>
	No fault codes

### **Multifunction (Central Body - SZL (Switch centre, steering column))**

<b>DTC</b>	<b>Description</b>
951A	- Undervoltage - Intermittent

### **Multifunction (Central Body - SZM (Switching centre, centre consol))**

<b>DTC</b>	<b>Description</b>
E24400	- Unknown fault code

### **Multifunction (Infotainment - CID (Central information display))**

<b>DTC</b>	<b>Description</b>
	No fault codes

### **Multifunction (Infotainment - CON (Controller iDrive))**

<b>DTC</b>	<b>Description</b>
E2C4	- Unknown fault code

### **Multifunction (Lights center - LM 2 (LM2: Light module 2))**

<b>DTC</b>	<b>Description</b>
A8C0	- Left reverse light - Open circuit - Permanent

A8BD	<ul style="list-style-type: none"><li>- Right number plate lights</li><li>- Open circuit</li><li>- Permanent</li></ul>
A8BC	<ul style="list-style-type: none"><li>- Left number plate lights</li><li>- Open circuit</li><li>- Permanent</li></ul>
A8BB	<ul style="list-style-type: none"><li>- E61/E65/RR:tail light right side, defective; E60: right position light, defective; E63/E64: supply voltage front direction indicator right side</li><li>- Open circuit</li><li>- Permanent</li></ul>
A8BA	<ul style="list-style-type: none"><li>- E61/E65/RR:tail light left side, defective; E60: left position light, defective; E63/E64: supply voltage front direction indicator left side</li><li>- Open circuit</li><li>- Permanent</li></ul>
A8B9	<ul style="list-style-type: none"><li>- Tail light/brake light right side, defective</li><li>- Open circuit</li><li>- Intermittent</li></ul>
A8B6	<ul style="list-style-type: none"><li>- Brake lights right side, defective</li><li>- Open circuit</li><li>- Permanent</li></ul>
A8B5	<ul style="list-style-type: none"><li>- Brake lights left side, defective</li><li>- Open circuit</li><li>- Permanent</li></ul>
A8AF	<ul style="list-style-type: none"><li>- Front right fog lamp defective; RR02: switch-over of right front light combination, defective</li><li>- Open circuit</li><li>- Permanent</li></ul>
A8AD	<ul style="list-style-type: none"><li>- E60/E61/E65/RR01: right position light, defective; E63/E64/RR02: additional direction indicator right side, defective</li><li>- Open circuit</li><li>- Permanent</li></ul>
A8AC	<ul style="list-style-type: none"><li>- E60/E61/E65/RR01: left position light, defective; E63/E64/RR02: additional direction indicator left side, defective</li><li>- Open circuit</li><li>- Permanent</li></ul>

A8AA                   - Left side low beam, defective  
                          - Open circuit  
                          - Permanent

E504                   - Unknown fault code