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The expert  
for your  
BMW - Oldtimer



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**EZA - 1**

**Contactless ignition system**

BMW R-24

BMW R-25

BMW R-25/2

BMW R-25/3

BMW R-26

**included in delivery:**

1 ignition module, 2 screws, 1 transmitter rotor, 1 allen key,  
1 mounting instruction

Dear customer,  
 you have purchased a high quality product, manufactured by Ullis Motorradladen GmbH. Please pay attention to these instructions, so you will have no problems by the installation. If you have questions or you are unsure, please feel free to contact us. We wish you a good ride and many fun all the time.

## Installation:

1. Disconnect the battery!
2. Remove generator rotor screw.
3. Remove old ignition advance unit.
4. Remove terminal plate with condenser and cable connection.  
(2x screws M3,5)
5. Mount ignition module in place of the old terminal plate.  
(2x screws M3,5)
6. Mount transmitter rotor onto the generator rotor.  
Dotted check mark must be visible.

### **IMPORTANT:**

No contact between  
 Ignition module  
 and  
 transmitter rotor.  
 gap: 1-2mm



7. Remount  
 generator  
 rotor  
 screw.

## Electric connection:

1. Ground connection: brown cable
2. Ignition coil clamp 15: red cable  
(+ of ignition lock)
3. Ignition coil clamp 1: yellow cable
4. Remove ignition spark plug socket and spark plug.

## Adjusting ignition timing:

1. Connect the battery.
2. Set the crankshaft to pos. "S" (retarded ignition).
3. Slowly rotate the transmitter rotor clockwise until the LED just starts glowing.
4. Fix transmitter rotor in this position with the allen key.
5. Mount spark plug and attach spark plug socket.
6. Let the engine run.  
 Check the ignition timing while idle (S) and driving (F) with a stroboscopic light.