

Installation guide for double ignition
BMW Type 247 all variations

1. Create a second spark plug hole in the cylinder head symmetric to the original spark plug. Marked with a "Q-Tech" stamp on the outlet channel.
2. Changing the centrifugal governor with a reducing sleeve in the centrifugal force controller.

Ignition timing Original:
stat.: 6 degr. v. OT
dynam. 32 degr. v. OT

Ignition timing double ignition:
stat.: 4 - 6 degr. v. OT
dynam. 24 – 26degr. v. OT

3. If you received two new Q-Tech ignition coils, install the one in front in place of the original coil with connectors facing down and connect the ignition cables with the upper spark plugs.
Install the rear one with the holder under the frame plate above the air filter box, connectors facing to the middle and connect the ignition cables with the lower spark plugs.
Make sure there is enough space to the gas tank and other cables and that all cables are routed correctly and that all plug contacts (including the ground cable) are in perfect condition.

When installing the second ignition coil on models from construction year 91 onwards, first install the two relays on the front of the frame plate.

ATTENTION: Only use ignition coils released by us with the included holders.

4. Replacing the original controller with the special device TSZ/H 4. Use the included M6 screws and secure the ground cable with the lower screw. Make sure there is good ground contact.
5. Adjust the ignition timing according to the data in point 2.
6. Adjust the carburetor idle to 950 1/min + - 50.