

ZKE - Remote control (RC) of the central locking system (ZV)

This functional description contains information on the **subject of logging** RC keys on/off at the ZKE. To **replace the ZKE**, observe the instructions provided.

In the **central body electrical system**, **four remote control keys** can be **coded for the central locking system**. These keys contain three different codes. These codes are set in the control unit at the factory by the bar code tag. With every vehicle delivered, these bar code tags are attached to each RC key.

Important: Inform the customer that these bar code tags are to be kept in a safe place. The data is only stored on the bar code tag and in the ZKE control unit.

Example: a number-letter combination as shown below is printed on the bar code tag.

*02535EE2535EDFFA**FFFFFFFFDACA115*

Delete the following positions from the sequence: 1,2,17,18,19,34,35. This results in this sequence:

__2535EE2535EDFF__FFFFFFFFDACA11__

Sort this sequence!

2535EE - base code (positions 3 - 8)

2535ED - random code (positions 9 - 14)

FFFFFFFFDACA11 - encryption code (positions 15, 16, 20 - 33)

Logging an additional RC key on at the ZKE

Procedure:

In the service program at **<Service functions> - <Body> - <ZKE central electrical equipment unit> - <ZKE / RC key>**, select the item "Reading key data". Read the ZV codes of all keys. **Select a key position that in all codes is only "F"**. This key position is **free**.

In the service program, select the item **"Log on key"**. Write the ZV codes into the ZKE corresponding to what appears on the bar code tag. It is only permitted to write the data on **a free key position! Follow the instructions in the service program.**

Logging an RC key off at the ZKE

Procedure:

In the service program at **<Service functions> - <Body> - <ZKE central electrical equipment unit> - <ZKE / RC key>**, select the item "Reading key data". Read the ZV codes of all keys. Print out the pages of the four keys to prevent errors.

Then, **open the central locking system several times** with **all RCs** that are **NOT** to be logged off.

In the service program at **<Service functions> - <Body> - <ZKE central electrical equipment unit> - <ZKE / RC key>**, select the item "Reading key data". Read the ZV codes of all keys. Print out the pages of the four keys to prevent errors.

Determining the key position to be blocked: The central locking code **"random code"** of the key to be cancelled has **not changed**. On the operated key, the **"random code"** must have changed.

In the service program, select the item **<Log off key>** and thereafter specify the key position of the key to be logged off.

Replacing the ZKE (central electrical equipment unit)

Case 1: The ZKE can still be diagnosed. The coding data can be transferred via the path coding / programming in accordance with the instructions. The ZV codes are transferred from the old ZKE into the new ZKE.

Case 2: The ZKE can no longer be diagnosed. The data of the ZV codes can no longer be read out.

Procedure:

Are the **bar code tags** of the keys available?

If the bar code tags are **NOT** available, code the new ZKE. Here, the memory positions for the ZV codes for the RC keys remain empty.

The ZV codes can **only** be requested through the **Hotline of the marketing company** or **the importer**.

Then, log on each individual key anew in the service program, as described at "**Logging an additional RC key on at the ZKE**".

If the bar code tags are available, code the new ZKE. Then, log on each individual key anew in the service program, as described at "**Logging an additional RC key on at the ZKE**".