

**MODEL 230 as of 1.1.03
with CODE (889) Keyless Go
up to model year 08 /YoM 07**

General information

The EIS control unit (N73) can manage 8 key tracks. Each of these tracks consists of 3 key track segments. All keys used are on segment 1 of the corresponding key track. Spare keys are possible on segments 2 and 3 depending on the key track. For this reason each key can be replaced twice.

A new segment renders the previous segments unusable.

The transmitter key (A8/1) associated with the key track can be stored in the keyless go control unit (N69/5) with a programming operation. However, the keyless go control unit (N69/5) only manages the transmitter key (A8/1).

Press Keyless-Go start/stop button (S2/3) and hold for 3 s until the note "Service required" appears on the instrument cluster (A1). The keyless go control unit (N69/5) then actuates the inductive antennas for recognition of the transmitter keys (A8/1) in the vehicle. If transmitter keys (A8/1) are recognized, the keyless go control unit (N69/5) causes the EIS control unit (N73) to switch on c. 15 via the CAN data bus.

Now move selector lever from position "P" to position "R" and back. The Keyless-Go control unit (N69/5) now causes the EIS control unit (N73) to switch off the ignition via the CAN data bus.

The keyless go control unit (N69/5) then searches for a second transmitter key. If the transmitter key is found, the procedure described above is repeated.

After another 90 minutes the vehicle is again ready for operation and the selector lever can be moved out of position "P". The transmitter key has then been recognized and assignment completely successfully.

Case 2: Spare key on new key track (additional card)

Requirements:

- Ignition OFF
- No key in EIS control unit (N73)
- Both transmitter keys (transmitter key already present and additional key) must be located in the vehicle

i The key assignments stored in the Keyless-Go control unit (N69/5) as well as the associated key tracks in the EIS control unit (N73) must be erased previously with the aid of the STAR DIAGNOSIS.

Assignment of transmitter key (A8/1)

Insert transmitter key (A8/1) into EIS control unit (N73). The turn authorization is granted after approx. 30 minutes. Now, it is necessary to switch on c. 15. After another 90 minutes the vehicle is again ready for operation and the selector lever can be moved out of position "P". The assignment is successfully terminated.

Procedure after replacing Keyless-Go control unit (N69/5)

Function requirements

- Ignition OFF
- A key should not be present in the EIS control unit (N73)
- Transmitter keys (A8/1) must be present in the vehicle

If second assignment of the transmitter key (A8/1) is also successful, the operation is concluded with the message "Key in vehicle recognized" in the instrument cluster (A1). If the transmitter key is to be assigned again, it is first necessary to delete key tracks in the keyless go control unit (N69/5) with the aid of STAR DIAGNOSIS.

Procedure when using spare key

Case 1: Program spare key to previous key track

Requirements:

- Ignition OFF
- No key in EIS control unit (N73)
- Only the spare key should be located in the vehicle. Pressing Keyless-Go start/stop button (S2/3) once. C. 15R switches on after approx. 30 minutes.. Then c. 15 is switched on by again pressing the Keyless-Go start/stop button (S2/3)

Press Keyless-Go start/stop button (S2/3) and hold for 3 s until the note "Service required" appears on the instrument cluster (A1). The keyless go control unit (N69/5) then activates the inductive antennas for recognition of the transmitter key in the vehicle. If the transmitter key is recognized, the keyless go control unit (N69/5) causes the EIS control unit (N73) to switch on c. 15 via the CAN data bus. Now move selector lever from position "P" to position "R" and back. The Keyless-Go control unit (N69/5) now causes the EIS control unit (N73) to switch off the ignition via the CAN data bus. The keyless go control unit (N69/5) then searches for a second transmitter key. If this key is found, the procedure described above is repeated. If the second assignment of the transmitter key was also successful, the procedure is ended with the text in the instrument cluster (A1): "Key recognized in vehicle". If the transmitter key is to be assigned again, it is first necessary to delete key tracks in the keyless go control unit (N69/5) with the aid of STAR DIAGNOSIS.