

## Self-diagnosis for convenience system

Encoding control unit for convenience system using fault reader V.A.G 1551

## Notes:

- ♦ The control unit is pre-coded in accordance with the vehicle equipment at the factory.
- ♦ Encoding is carried out using fault reader V.A.G 1551.
- – Connect the fault reader => Page [01-11](#).

→ Indicated on display:

Rapid data transfer  
HELP  
Select function XX

- – Press keys -0- and -7- (the function "Encode control unit" is selected with 07).

→ Indicated on display:

Rapid data transfer    Q  
07 Encode control unit

- – Confirm entry with Q key.

→ Indicated on display:

Encode control unit    Q  
Enter code number    XXXXX  
(0-32767)

- – Enter 5-digit control unit code in with table. Fill empty spaces with 0 (Example: 04672).
  - – Standard code =>Page [01-31](#)
  - – Enter the code number according to the coding table => Page [01-27](#)

→ Indicated on display:

Encode control unit    Q  
Enter code number    04672 (0-32767)

- – Confirm entry with Q key.

→ The control unit identification number is displayed with the relevant letter index, the code number (e.g. 04672) and the Workshop Code (Dealership No.).

8Z0959433    Convenience  
unit    T01    01A2  
Coding    04672    WSC 02313

This display indicates that the encoding procedure has been completed.

Once encoding has been completed, the door control units are called and displayed.

→ Indicated on display:

ERROR    ⇒  
Coding 04682 not  
accepted

In this case, the control unit has not been encoded with the data required for the vehicle.

A check must then be completed to determine if the correct control unit for the vehicle has been installed (compare Part No. and letter index), or whether an incorrect code number has been entered.

- – Repeat encoding.

If the control unit cannot be encoded, (correct control unit, correct code number), the control unit is defective.

End function:

- – Press ⇒ key.

→ Indicated on display:

Rapid data transfer    HELP  
Select function XX

- – Press keys -0- and -6- to end output.

→ Indicated on display:

Rapid data transfer    Q  
06 End output

- – Confirm entry with Q key.

→ Indicated on display:

Rapid data  
transfer  
HELP  
Enter  
address  
word XX

- – Switch off ignition.
- – Disconnect connectors for fault reader V.A.G 1551.

Encoding table overview

Vehicle equipment	Code number
Deactivate anti-theft alarm with deliberate deadlock release	1
Confirmation of anti-theft alarm via flashing	2
Security central locking (SCL)	4
Anti-theft alarm with interior monitor	8
Tailgate locking via speed	16
CL via speed	32
Convenience function via remote control	64
RHD	128
Not occupied	256
Confirmation of remote control locking via flashing	512
Confirmation of anti-theft alarm via horn	1024
Terminal 87 USA door logic	2048
Confirmation of remote control unlocking via flashing	4096
Ignore	8192
Remote CL function with SCL selected	16384

Coding table:

Equipment	Priority
Deactivate anti-theft alarm with deliberate deadlock release The anti-theft alarm is deactivated when deadlock is released deliberately.	1
Confirmation of anti-theft alarm via flashing When all doors and the tailgate are closed and locked via the lock cylinder or radio-operated remote control, this is confirmed via the hazard warning lamps. Subsequent closing of a door or of the tailgate is confirmed subsequently only if the vehicle exterior is fully closed.	2
Security central locking (SCL) In the case of selective central locking (SCL) only the driver's door and the tank flap are unlocked upon the first unlocking command and the deadlock is released for the remaining doors. If a second unlocking command is issued within two seconds, the remaining doors are unlocked and the tailgate is released for unlocking.	4
Anti-theft alarm with interior monitor The anti-theft alarm is activated.	8
Tailgate locking via speed Above a speed of 5 km/h, tailgate unlocking is blocked via soft-touch. Only below a speed of 5 km/h can the tailgate be unlocked again, provided the unlock switch has been actuated and at least one of the front doors has been opened.	16

Equipment	Priority
Central locking via speed The doors are locked above a speed of 10 km/h. Below a speed of 10 km/h, the doors can be unlocked either by removing the ignition key (terminal 15 off and S-contact off), or by actuating the unlock switch.	32
Convenience function via remote control Simultaneous closing or opening of all the windows by pressing and holding the appropriate button on the radio-operated remote control. The convenience function can always be performed via the lock cylinder. The sun roof cannot be convenience-opened or closed via remote control. Fundamentally, the sun roof cannot be convenience-opened, and can only be convenience-closed via the lock cylinder.	64
Right-hand drive If installed, right-hand drive must be encoded.	128
Not occupied	256
Confirmation of remote control locking via flashing If all the doors, including the tailgate are closed, locking is confirmed via the hazard warning lamps upon a remote control locking command.	512
Confirmation of anti-theft alarm via horn1) Additional confirmation via alarm horn -H12.	1024

1) No longer permissible under German law.

Equipment	Priority
Terminal 87 Door logic As soon as any door is opened when "terminal 15 off", no window lifters can be actuated.	2048
Confirmation of remote control unlocking via flashing Unlocking via remote control is confirmed by the hazard warning lamps flashing twice.	4096
Ignore	8192
Remote CL function with SCL selected When unlocking via remote control, the complete vehicle is unlocked. When unlocking via the door lock cylinder, the SCL function is activated.	16384

### Standard code

In some cases, country-specific codes deviate from the standard code; this coding is not described individually here, the codes can be determined and entered in accordance with the encoding table overview => Page [01-27](#).

Standard code for vehicles without anti-theft alarm and without remote control

Standard code = 02048

The standard code is the sum total of the following:		
- Terminal 87 Door logic	+	2048
Total (Code):	=	02048

Standard code for vehicles without anti-theft alarm and with remote control

Standard code = 06720

The standard code is the sum total of the following:		
- Confirmation of remote control unlocking via flashing	+	4096
- Terminal 87 Door logic	+	2048
- Confirmation of remote control locking via flashing	+	512
- Convenience function via remote control	+	64
Total (Code):	=	06720

Standard code for vehicles with anti-theft alarm and without remote control

Standard code = 02058

The standard code is the sum total of the following:		
- Terminal 87 Door logic	+	2048
- Anti-theft alarm with interior monitor	+	8
- Confirmation of anti-theft alarm via flashing	+	2
Total (Code):	=	02058

Standard code for vehicles with anti-theft alarm and with remote control

Standard code = 06730

The standard code is the sum total of the following:		
- Confirmation of remote control unlocking via flashing	+	4096
- Terminal 87 Door logic	+	2048
- Confirmation of remote control locking via flashing	+	512
- Convenience function via remote control	+	64
- Anti-theft alarm with interior monitor	+	8
- Confirmation of anti-theft alarm via flashing	+	2
Total (Code):	=	06730