

SDD
SilcaDiagnosticDevice

SBB

SW- RKE ROVER[®] -L0 (SDD/SBB)

CODE: D431406XA - VERS. 2.0



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SW- RKE ROVER® -L0 (SDD/SBB)

1 FUNCTIONS MENU RKE ROVER®



1.1 IMMOBILIZER ROVER® (ROUTINE 13)



Model	Year from	Year to	RKE	RKE N°	Cable	Pos. Conn.
ROVER						
MGF	1997	2003	ORIGINAL	4	00	C4
MINI	1997	2003	ORIGINAL	4	00	C3
100	1997		ORIGINAL	4	00	C3
200	1997			4	00	C4
400	1997	1998		4	00	C4
45	2000			4	00	C4

The functions on these vehicles are:

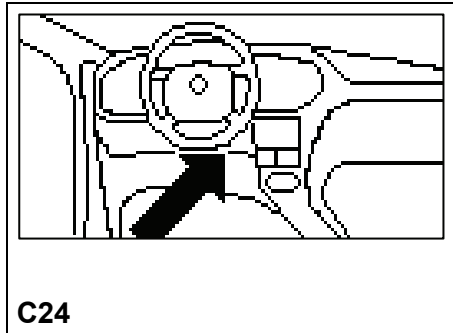
- Addition of new remote controls;
- Deletion of remote controls;
- Reading of EKA code.

To use these functions the following are required:

	 <p>SWITCH ADAPTER</p>
 <p>OBD II CABLE [00]</p>	
 <p>ALL RKE</p>	

SBB	CABLE/ADAPTER
	 <p>CABLE OBD II [00] (STANDARD)</p>

DIAGNOSIS CONNECTOR POSITIONS



GENERAL INFORMATION

Differently from immobilizer systems with transponder keys, these systems use a remote control to enable or disable the motor immobilizer; when the vehicle is locked by remote control the immobilizer is automatically activated; vice versa when the vehicle is unlocked using a remote control the immobilizer is deactivated.

When the immobilizer system is deactivated the car turn indicators flash (only on models with theft alarms) and the immobilizer led stops flashing. When the immobilizer system is activated, the car turn indicators flash (only on models with theft alarms) and the immobilizer led flashes quickly for 10 seconds, then slowly.

If the vehicle is locked by means of a mechanical key the motor immobilizer is not active, but activates automatically after 20 seconds.

REMOTE CONTROL INFORMATION



All vehicles provided with the remote control illustrated above use the immobilizer system described and can be programmed by SDD/SBB. This remote control is a radio transmitter with two buttons, one for activating and one for deactivating the motor immobilizer. The radio code is modified on the remote control and immobilizer central unit every time the remote control is used. If for any reason (flat battery, replacement of battery, etc.) the sequence becomes unsynchronised (the remote control code is not the same as that on the central unit) it must be re-synchronised in the following way:

- Unlock the driver's door with a key;
- Check that all the doors, including the boot and bonnet are closed;
- Press the "Lock" button on the remote control quickly 4 times.

EKA CODE INFORMATION

The emergency start code is used in the event of a missing, broken or faulty remote control to cut out the motor immobilizer manually.

In this case the immobilizer is disabled for one start only, at the end of which the operation must be repeated.

The EKA code is made up of 4 digits and is different for each vehicle. It is issued by the dealer and appears on the safety plate, or it can be read by SDD/SBB using the special "EKA CODE" function.

To disable the motor immobilizer proceed as follows:



- 1) Use a key and turn it anti-clockwise in the driver's door lock to the "LOCK" position; hold in this position for at least five seconds. Turn the key back to the central position.

Now it will be possible to use the key to write the numerical value of the four digits in the EKA code, as shown below:



2) Enter the **FIRST** digit in the code.
If the first digit is 5, turn the key five times to take it to the "UNLOCK" position. Make sure the key returns to the exact central position after each turn.



3) Enter the **SECOND** digit in the code.
If the second digit is 2, turn the key twice to take it to the "LOCK" position. Make sure the key returns to the exact central position after each turn.



4) Enter the **THIRD** digit in the code.
If the third digit is 6, turn the key six times to take it to the "UNLOCK" position. Make sure the key returns to the exact central position after each turn.



5) Enter the **FOURTH** digit in the code.
If the fourth digit is 1, turn the key once to take it to the "LOCK" position. Make sure the key returns to the exact central position.



6) Finally, take the key to the "UNLOCK" position again: in this way the motor immobilizer is disabled for one start.

If the code is entered wrongly three consecutive times, you must wait 10 minutes before repeating the procedure.

IMMOBILIZER FUNCTIONS MENU

From the main menu select: REMOTE CONTROLS ⇒ ROVER ⇒ MODEL

Insert a key
and turn on
the control panel

(ESC) ➤

Insert a key into the ignition block and turn to the ON position.

- Press **ENTER** to continue;
- Press **ESC** to return to the previous menu.

The display will show:

```
- ROVER -  
> PROGRAMME RKE  
EKA CODE  
  
↑↓ (ESC) ➤
```

- Select and press **ENTER**.

PROGRAMME RKE

This function is used to programme / delete remote controls. Every time programming is carried out all the old and new remote controls to be used on the vehicle must be re-programmed. Remote controls that are not programmed during this operation will not work.

- To activate the function, select "PROGRAMME RKE" and press ENTER.

```
MAXIMUM 4 RKE  
CAN BE PROGRAMMED
```

```
Press any key...
```

No more than four simultaneously operating remote controls can be programmed.

- Press any key to continue.

```
Press UNLOCK  
8 consecutive times  
until horn sounds or  
lights go on.  
Repeat for the other  
remote controls.
```

```
Press any key...
```

- Press 8 consecutive times the LOCK key on the remote control;
- The horn will sound to indicate that the remote control has been memorized;
- Repeat for all remote controls to be programmed;
- Press any key to finish programming.

EKA CODE

This function is used to read the EKA CODE

- To activate the function, select "EKA CODE" and press ENTER

```
UNLOCK          N1  
LOCK            N2  
UNLOCK          N3  
LOCK            N4
```

```
Press any key...
```

N1 First digit in EKA CODE

N2 Second digit in EKA CODE

N3 Third digit in EKA CODE

N4 Fourth digit in EKA CODE

- Press any key to return to the previous menu.



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