

SDD
SilcaDiagnosticDevice

SBB

**SW-TOYOTA/LEXUS® (USA) -L0
(SDD/SBB)**

CODE: D431357XA - VERS. 2.0



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SW-PRG. TOYOTA/LEXUS® USA L0 (SDD/SBB)

1 IMMOBILIZER FUNCTIONS MENU TOYOTA/LEXUS TYPE 1 (ROUTINE 51)



MODEL	From	To	Silca REF	ILCO REF	Transponder	ID	OBP	KEY #	Position OBD
LEXUS									
ES300	2002	2003	TOY48BT4	TOY48BT4	TEXAS	4C	E	8	C13
GS300	2002	2005	TOY48BT4	TOY48BT4	TEXAS	4C	E	8	C13
GS430	2001	2005	TOY48BT4	TOY48BT4	TEXAS	4C	E	8	C13
IS300	2002	2005	TOY48BT4	TOY48BT4	TEXAS	4C	E	8	C13
LX470	2001	2002	TOY48BT4	TOY48BT4	TEXAS	4C	E	8	C22
TOYOTA									
4 Runner	2001	2002	TOY43AT4	TOY43AT4	TEXAS	4C	E	8	C13
CAMRY [TYPE1]	2002	2004	TOY43AT4	TOY43AT4	TEXAS	4C	E	8	C13
Highlander 4cyl	2001	2003	TOY43AT4	TOY43AT4	TEXAS	4C	E	8	C13
Land Cruiser	2001	2002	TOY43AT4	TOY43AT4	TEXAS	4C	E	8	C13
SOLARA 4cyl	2002	2003	TOY43AT4	TOY43AT4	TEXAS	4C	E	8	C13
SEQUOIA	2001	2002	TOY43AT4	TOY43AT4	TEXAS	4C	E	8	C13

The functions on these vehicles are:

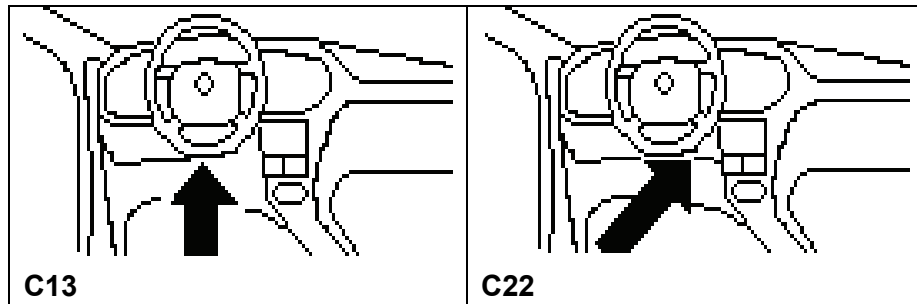
- Addition of keys (Master)
- Addition of keys (Valet)
- Deletion of all keys
- ECU resetting
- Error readings (Flow as above)
- Deletion of errors (Flow as above)

The following are needed to use this function:

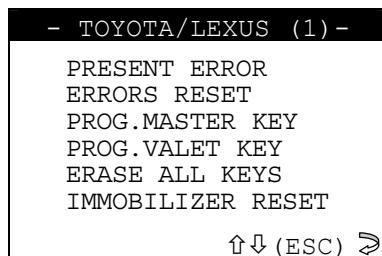
	 <p>SWITCH ADAPTER</p>
 <p>OBD II [00] CABLE (STANDARD)</p>	
 <p>Master key ORIGINAL</p>	

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

DIAGNOSIS CONNECTOR POSITIONS



A key is already inserted in the ignition block, turned to the **ON** position.
 The display shows:



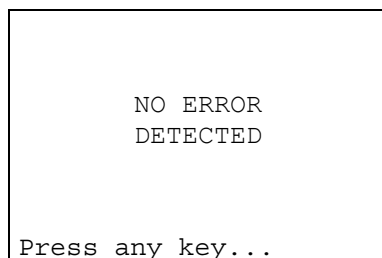
- Select and press **ENTER**.

1.1 ERROR READINGS

This function is used to check the presence of any anomalies stored in the immobilizer.
 - To activate the function select **"ERROR READINGS"** and press **ENTER**.
 The display shows:

NO ERRORS FOUND

If there are no anomalies stored after a few seconds the display will show:



ERRORS FOUND

If there are anomalies stored the display will show how many errors (XX) are stored in the central unit:

```
Detected
  XX
errors

Press any key...
```

Press any key to view a description of the error:

```
ERR. XXXXXXXXXXXX 1/X

Description
of the error

↑↓↔ (ESC)
```

- **ERR: XXXXXXXXXXXX**: error code;
- Press **↑↓** to scroll all the errors found in the memory;
- Press **ESC** to quit.

1.2 DELETE ERRORS

This function is used to DELETE any anomalies stored in the immobilizer.

- To activate the function, select "**DELETE ERRORS**" and press **ENTER**.

```
Erase
actual errors:

>NO
YES

↑↓↔ (ESC)
```

Select **YES/NO** and press **ENTER**;

- **No**, returns to the previous menu;
- **Yes**, deletes the errors stored;
- **ESC** to quit.

The display shows:

```
TERMINATED
ERASING

Press any key...
```

- Select **ESC** to quit.

1.3

PROG. MASTER KEY

This function is used to add a master key in the immobilizer.

NOTE:

On some models it is possible to detect whether a key is MASTER or VALET, in the following way:

- Insert a key into the ignition block and turn to the **ON** position;
 - MASTER key: the immobilizer warning light **does not illuminate**.
 - VALET key: the immobilizer warning light **illuminates for 1-2 seconds**, then goes off.

To activate the function insert a previously programmed master key, turn to the **ON** position, select "**PROG. MASTER KEY**" and press **ENTER**.

The display shows:

```
EXTRACT THE KEY
Within 10 sec

      1 sec.

Press any key...
```

- Remove the key and press any key within 10 seconds;

```
PROG. MASTER KEY
Insert the Key
DO NOT
turn ignition ON
within 10 sec

      1 sec.

Press any key...
```

- Insert the key to be programmed (**DO NOT TURN THE KEY**) and press any key within 10 seconds;

```
Safety access
Procedure

Elapsed time :
1:00 / 16:00
```

The dialogue between the device and the immobilizer central unit which now starts may go on for up to 60 sec.

If communication and data exchange are successful, the display will show:

```
The key
has been stored

Press any key...
```

The key in the ignition block has been programmed as a MASTER KEY.
Press any key to continue.

1.3.1

ARCHIVING OPERATIONS – USER DATA

At the end of the programming operation the display shows:

```
Do you want to save
the customer data

      NO
    > YES

      ↑↓ (ESC) ⇒
```

- Select YES/NO and press **ENTER**.
- **No**, to return to the IMMOBILIZER functions menu screen;
- **Yes**, to memorize the data relating to the operation completed;
- **ESC** to quit.

USER DATA ARCHIVE

To enter user data the display will show:

```
- USER DATA -
POS.: 001
DATE: 19/07/01
> SURNAME: XXXXXXXXXXXX
NAME: XXXXXXXXXXXX
REG.NO: XXXXXXXXXXXX

      ↑↓ ⇐⇒ ↻ ⇒
```

- SURNAME (required) (**12 characters**).
- NAME / REGISTRATION PLATE (Optional) (**12 characters**).

The following data will be automatically saved:

- **POS.:** Position where the data will be saved
- **DATE:** Date of the operation
- **MAKE:** Make of vehicle for which the data have been stored
- **MODEL:** Vehicle for which the data have been stored
- **YEAR** of the model
- **Keys Stored:** number of keys stored
- **PIN CODE:** (if storing is confirmed by the operator)
- **IMMO ID:** immobilizer central unit ID

To enter the data:

- Use the keys ↑↓ to place the cursor on the required item;
- Press ⇒ to enter and select the field in which to insert the text;
- Press **ENTER** to confirm;
- Select **ESC** to quit and store the data.

```
Is the information
inserted correct?

      NO
    > YES

      ↑↓ ↻ ⇒
```

- Select **YES / NO** and press **ENTER**;
- **No**, returns to the data entry screen;
- **Yes**, the entered data are archived;
- Select **ESC** to quit.

1.4 ADTD VALET KEY

This function is used to add a Valet key in the immobilizer.

NOTE:

On some models it is possible to detect whether a key is MASTER or VALET, in the following way:

- Insert a key into the ignition block and turn to the **ON** position;
 - MASTER key: the immobilizer warning light **does not illuminate**.
 - VALET key: the immobilizer warning light **illuminates for 1-2 seconds**, then goes off.

To activate the function insert a previously programmed master key, turn to the ON position, select **"ADD VALET KEY"** and press **ENTER**.

The display shows:

```
EXTRACT THE KEY
Within 10 sec

      1 sec.

Press any key...
```

- Remove the key and press any key within 10 seconds;

```
PROG. VALET KEY
Insert the
Key DO NOT
turn ignition ON
within 10 sec

      1 sec.

Press any key...
```

- Insert the key to be programmed (**DO NOT TURN THE KEY**) and press any key within 10 seconds;

```
Safety access
Procedure

Elapsed time :
1:00 / 16:00
```

The dialogue between the device and the immobilizer central unit which now starts may go on for up to 60 sec.

If communication and data exchange are successful, the display will show:

```
The key
has been stored

Press any key...
```

The key in the ignition block has been programmed as a VALET KEY.
Press any key to continue.

1.4.1

ARCHIVING OPERATIONS – USER DATA

At the end of the programming operation the display shows:

```
Do you want to save
the customer data
      NO
    > YES

      ↑↓ (ESC)
```

- Select YES/NO and press **ENTER**.
- **No**, to return to the IMMOBILIZER functions menu screen;
- **Yes**, to memorize the data relating to the operation completed;
- **ESC** to quit.

USER DATA ARCHIVE

To enter user data the display will show:

```
- USER DATA -
POS.: 001
DATE: 19/07/01
> SURNAME: XXXXXXXXXXXX
NAME: XXXXXXXXXXXX
REG.NO: XXXXXXXXXXXX

      ↑↓ ⇐⇒
```

- SURNAME (required) (**12 characters**).
- NAME / REGISTRATION PLATE (Optional) (**12 characters**).

The following data will be automatically saved:

- **POS.:** Position where the data will be saved
- **DATE:** Date of the operation
- **MAKE:** Make of vehicle for which the data have been stored
- **MODEL:** Vehicle for which the data have been stored
- **YEAR** of the model
- **Keys Stored:** number of keys stored
- **PIN CODE:** (if storing is confirmed by the operator)
- **IMMO ID:** immobilizer central unit ID

To enter the data:

- Use the keys ↑↓ to place the cursor on the required item;
- Press ⇒ to enter and select the field in which to insert the text;
- Press **ENTER** to confirm;
- Select **ESC** to quit and store the data.

```
Is the information
inserted correct?
      NO
    > YES

      ↑↓
```

- Select **YES / NO** and press **ENTER**;
- **No**, returns to the data entry screen;
- **Yes**, the entered data are archived;
- Select **ESC** to quit.

1.5

ERASE ALL KEYS

This function is used to erase all keys except the one inserted.

NOTE:

On some models it is possible to detect whether a key is MASTER or VALET, in the following way:

- Insert a key into the ignition block and turn to the **ON** position;
 - MASTER key: the immobilizer warning light **does not illuminate**.
 - VALET key: the immobilizer warning light **illuminates for 1-2 seconds**, then goes off.

To activate the function insert a previously programmed master key, turn to the ON position, select "**ERASE ALL KEYS**" and press **ENTER**.

The display shows:

```
EXTRACT THE KEY
Within 10 sec

      1 sec.

Press any key...
```

Remove the key and press any key within 10 seconds;

```
Please wait
connecting ...
```

```
Turn ignition on!

Press any key...
```

Insert the master key again and turn to the **ON** position, press any key.

```
All keys
Have been
Erased

Press any key...
```

Now all the keys except the one in the ignition block have been erased.

- Press any key to continue.

1.5.1

ARCHIVING OPERATIONS – USER DATA

At the end of the programming operation the display shows:

```
Do you want to save
the customer data
      NO
    > YES

      ↑↓ (ESC)
```

- Select YES/NO and press **ENTER**.
- **No**, to return to the IMMOBILIZER functions menu screen;
- **Yes**, to memorize the data relating to the operation completed;
- **ESC** to quit.

USER DATA ARCHIVE

To enter user data the display will show:

```
- USER DATA -
POS.: 001
DATE: 19/07/01
> SURNAME: XXXXXXXXXXXX
NAME: XXXXXXXXXXXX
REG.NO: XXXXXXXXXXXX

      ↑↓ ⇐⇒
```

- SURNAME (required) (**12 characters**).
- NAME / REGISTRATION PLATE (Optional) (**12 characters**).

The following data will be automatically saved:

- **POS.:** Position where the data will be saved
- **DATE:** Date of the operation
- **MAKE:** Make of vehicle for which the data have been stored
- **MODEL:** Vehicle for which the data have been stored
- **YEAR** of the model
- **Keys Stored:** number of keys stored
- **PIN CODE:** (if storing is confirmed by the operator)
- **IMMO ID:** immobilizer central unit ID

To enter the data:

- Use the keys ↑↓ to place the cursor on the required item;
- Press ⇒ to enter and select the field in which to insert the text;
- Press **ENTER** to confirm;
- Select **ESC** to quit and store the data.

```
Is the information
inserted correct?
      NO
    > YES

      ↑↓
```

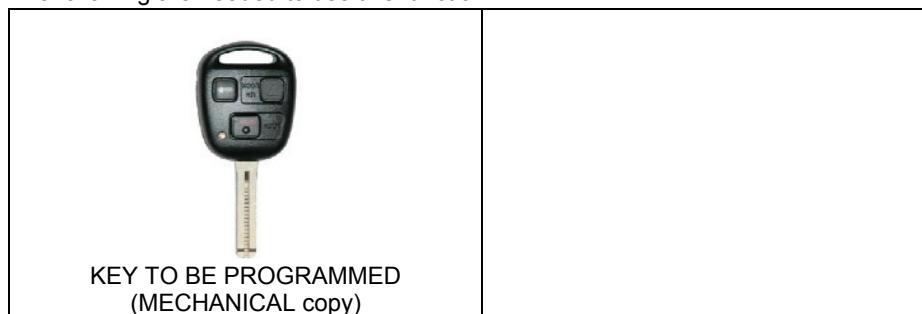
- Select **YES / NO** and press **ENTER**;
- **No**, returns to the data entry screen;
- **Yes**, the entered data are archived;
- Select **ESC** to quit.

1.6 IMMOBILIZER RESET

This function is used to RESET the immobilizer central unit.

ATTENTION: All the previously programmed keys will be erased and new keys will be programmed even without a MASTER key.

The following are needed to use this function:



- To activate the function, select “**IMMOBILIZER RESET**” and press **ENTER**.
The display shows:

```
Please wait  
connecting ...
```

```
Safety access  
Procedure  
  
Elapsed time :  
1:00 / 16:00
```

The dialogue between the device and the immobilizer central unit which now starts may go on for up to 60 sec.

If communication and data exchange are successful, the display will show:

```
All keys  
Have been  
Erased  
  
Press any key...
```

All the keys have now been erased.

- Remove the key from the ignition block.

At this point there are two different possibilities:

- **TYPE A (Immobilizer warning light flashing).** The key previously inserted into the block has been programmed (MASTER KEY);
- **TYPE B (Immobilizer warning light on).** The key previously inserted into the block has been programmed. Insert the other keys to be programmed (maximum 4) into the ignition block for 4 seconds (**DO NOT TURN TO THE ON POSITION**). The programming procedure ends automatically when the fourth key is programmed, and the last key to be programmed will be a VALET KEY.

- To end the programming procedure earlier, insert the MASTER KEY and press the brake pedal quickly 6 times;
- Press any key to continue.

1.6.1

ARCHIVING OPERATIONS – USER DATA

At the end of the programming operation the display shows:

```

Do you want to save
the customer data
      NO
    > YES

                               ↑↓ (ESC)
  
```

- Select YES/NO and press **ENTER**.
- **No**, to return to the IMMOBILIZER functions menu screen;
- **Yes**, to memorize the data relating to the operation completed;
- **ESC** to quit.

USER DATA ARCHIVE

To enter user data the display will show:

```

- USER DATA -
POS.: 001
DATE: 19/07/01
> SURNAME: XXXXXXXXXXXX
NAME: XXXXXXXXXXXX
REG.NO: XXXXXXXXXXXX

                               ↑↓↔⇒
  
```

- SURNAME (required) (**12 characters**).
- NAME / REGISTRATION PLATE (Optional) (**12 characters**).

The following data will be automatically saved:

- **POS.:** Position where the data will be saved
- **DATE:** Date of the operation
- **MAKE:** Make of vehicle for which the data have been stored
- **MODEL:** Vehicle for which the data have been stored
- **YEAR** of the model
- **Keys Stored:** number of keys stored
- **PIN CODE:** (if storing is confirmed by the operator)
- **IMMO ID:** immobilizer central unit ID

To enter the data:

- Use the keys ↑↓ to place the cursor on the required item;
- Press ⇒ to enter and select the field in which to insert the text;
- Press **ENTER** to confirm;
- Select **ESC** to quit and store the data.

```

Is the information
inserted correct?
      NO
    > YES

                               ↑↓
  
```

- Select **YES / NO** and press **ENTER**;
- **No**, returns to the data entry screen;
- **Yes**, the entered data are archived;

- Select **ESC** to quit.

2 IMMOBILIZER FUNCTIONS MENU TOYOTA/LEXUS TYPE 2 (ROUTINE 52)



MODEL	From	To	Silca REF	ILCO REF	Transponder	ID	OBP	KEY #	Position OBD
LEXUS									
ES330	2004	2005			TEX / CR	4D	E	8	C13
GX470	2003	2005			TEX / CR	4D	E	8	C13
LS430	2001	2004			TEX / CR	4D	E	8	C13
LX470	2003	2005			TEX / CR	4D	E	8	C22
RX330	2004	2005			TEX / CR	4D	E	8	C13
SC430	2002	2005			TEX / CR	4D	E	8	C13
TOYOTA									
4 Runner	2003	2005			TEX / CR	4D	E	8	C13
CAMRY [TYPE2]	2003	2004			TEX / CR	4D	E	8	C13
COROLLA	2005				TEX / CR	4D	E	8	C13
Highlander	2004	2005			TEX / CR	4D	E	8	C13
Land Cruiser	2003	2005			TEX / CR	4D	E	8	C13
MATRIX	2005				TEX / CR	4D	E	8	C13
SOLARA	2004	2005			TEX / CR	4D	E	8	C13
SIENNA	2004	2005			TEX / CR	4D	E	8	C13

The functions on this vehicle are:

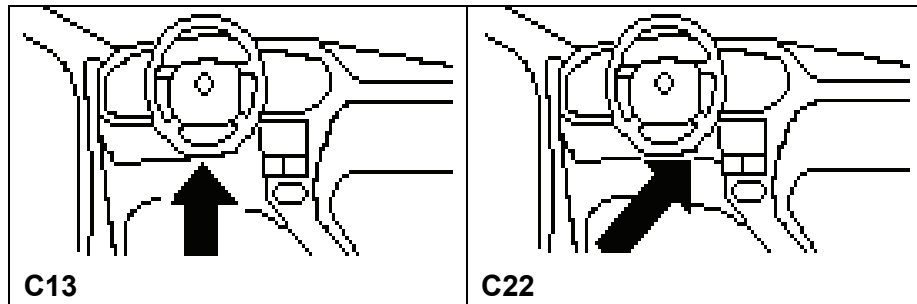
- Addition/erasure of keys (Master or Valet is decided by the ECU);
- ECU reset;
- Error readings (Flow as above);
- Error deletion (Flow as above).

The following are needed to use this function:

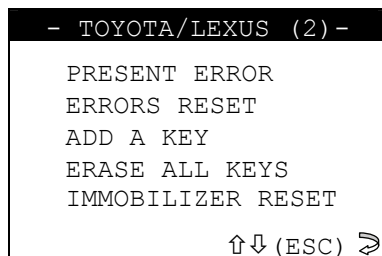
	 <p>SWITCH ADAPTER</p>
 <p>OBD II CABLE [00]</p>	
 <p>Master key ORIGINAL</p>	

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

DIAGNOSIS CONNECTOR POSITIONS



There is already a key turned to the **ON** position in the ignition block.
 The display shows:



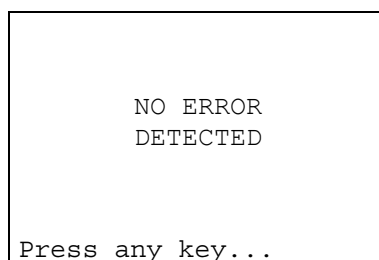
- Select and press **ENTER**.

2.1 ERROR READINGS

This function is used to check the presence of any anomalies stored in the immobilizer.
 - To activate the function select "ERROR **READINGS**" and press **ENTER**.
 The display shows:

NO ERRORS FOUND

If there are no anomalies stored after a few seconds the display will show:



ERRORS FOUND

If there are anomalies stored the display will show how many errors (XX) are stored in the central unit:

```
Detected
  XX
  errors

Press any key...
```

Press any key to view a description of the error:

```
ERR. XXXXXXXXXXXX 1/X

Description
  of the error

↑↓↔ (ESC)
```

- **ERR: XXXXXXXXXXXX**: error code;
- Press **↑↓** to scroll all the errors found in the memory;
- Press **ESC** to quit.

2.2 DELETE ERRORS

This function is used to DELETE any anomalies stored in the immobilizer.

- To activate the function, select "**DELETE ERRORS**" and press **ENTER**..

```
Erase
actual errors:

>NO
YES

↑↓↔ (ESC)
```

- Select **YES/NO** and press **ENTER**;
- **No**, returns to the previous menu;
- **Yes**, deletes the errors stored;
- **ESC** to quit.

The display shows:

```
TERMINATED
  ERASING

Press any key...
```

- Select **ESC** to quit.

2.3 ADD

This function is used to add a MASTER or VALET key in the immobilizer.

NOTE:

On some models it is possible to detect whether a key is MASTER or VALET, in the following way:

- Insert a key into the ignition block and turn to the **ON** position;
 - MASTER key: the immobilizer warning light **does not illuminate**.
 - VALET key: the immobilizer warning light **illuminates for 1-2 seconds**, then goes off.

To activate the function insert a previously programmed master key, turn to the ON position, select “**ADD**” and press **ENTER**.

The display shows:

EXTRACT THE KEY

Press any key...

- Remove the key from the ignition block and press any key within 5 seconds;

Turn ignition on!

Press any key...

- Insert the MASTER key, turn to the **ON** position and press any key within 5 seconds;

EXTRACT THE KEY
Within 20 sec

1 sec

Press any key...

- Remove the key from the ignition block and press any key within 20 seconds.

ADD A KEY

Insert the
Key DO NOT
turn ignition ON
Within 10 sec

1 sec

Press any key...

- Insert the key to be programmed (DO NOT TURN THE KEY) and press any key within 10 seconds;

Safety access
Procedure

Elapsed time :
1:00 / 16:00

The dialogue between the device and the immobilizer central unit which now starts may go on for up to 60 sec.

If communication and data exchange are successful, the display will show:

```
The key
has been stored

Press any key...
```

The key in the ignition block has been programmed.
Press any key to continue.

2.3.1

ARCHIVING OPERATIONS – USER DATA

At the end of the programming operation the display shows:

```
Do you want to save
the customer data
      NO
    > YES

      ↑↓ (ESC)
```

- Select YES/NO and press **ENTER**.
- **No**, to return to the IMMOBILIZER functions menu screen;
- **Yes**, to memorize the data relating to the operation completed;
- **ESC** to quit.

USER DATA ARCHIVE

To enter user data the display will show:

```
- USER DATA -
POS.: 001
DATE: 19/07/01
> SURNAME: XXXXXXXXXXXX
NAME: XXXXXXXXXXXX
REG.NO: XXXXXXXXXXXX

      ↑↓↔⇒
```

- SURNAME (required) (**12 characters**).
 - NAME / REGISTRATION PLATE (Optional) (**12 characters**).
- The following data will be automatically saved:
- **POS.:** Position where the data will be saved
 - **DATE:** Date of the operation
 - **MAKE:** Make of vehicle for which the data have been stored
 - **MODEL:** Vehicle for which the data have been stored
 - **YEAR** of the model
 - **Keys Stored:** number of keys stored
 - **PIN CODE:** (if storing is confirmed by the operator)
 - **IMMO ID:** immobilizer central unit ID

To enter the data:

- Use the keys ↑↓ to place the cursor on the required item;
- Press ⇒ to enter and select the field in which to insert the text;
- Press **ENTER** to confirm;
- Select **ESC** to quit and store the data.

```

Is the information
inserted correct?
      NO
    > YES

                               ↑↓

```

- Select **YES / NO** and press **ENTER**;
- **No**, returns to the data entry screen;
- **Yes**, the entered data are archived;
- Select **ESC** to quit.

2.4 ERASE ALL KEYS

This function is used to erase all keys except the one inserted.

NOTE:

On some models it is possible to detect whether a key is MASTER or VALET, in the following way:

- Insert a key into the ignition block and turn to the **ON** position;
 - MASTER key: the immobilizer warning light **does not illuminate**.
 - VALET key: the immobilizer warning light **illuminates for 1-2 seconds**, then goes off.

To activate the function insert a previously programmed master key, turn to the **ON** position, select "**ERASE ALL KEYS**" and press **ENTER**.

The display shows:

```

EXTRACT THE KEY

Press any key...

```

- Remove the key and press any key within 5 seconds;

```

Turn ignition on!

Press any key...

```

- Insert the key again and turn to the **ON** position, press any key;

```

EXTRACT THE KEY
Within 20 sec

      1 sec.

Press any key...

```

- Remove the key and press any key within 20 seconds;

```
Turn ignition on!  
Within 10 sec
```

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

- Insert the key again and turn to the **ON** position and press any key within 10 seconds;

```
Please wait  
connecting ...
```

```
Connecting ...
```

```
EXTRACT THE KEY  
Within 20 sec
```

```
1 sec.
```

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

- Remove the key and press any key within 20 seconds;

```
All keys  
Have been  
Erased
```

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

Now all the keys except the one in the ignition block have been erased.

- Press any key to continue.

2.4.1

ARCHIVING OPERATIONS – USER DATA

At the end of the programming operation the display shows:

```
Do you want to save  
the customer data
```

```
NO  
> YES
```

```
↑↓ (ESC)
```

- Select YES/NO and press **ENTER**.
- **No**, to return to the IMMOBILIZER functions menu screen;
- **Yes**, to memorize the data relating to the operation completed;
- **ESC** to quit.

USER DATA ARCHIVE

To enter user data the display will show:

```
- USER DATA -
POS.: 001
DATE: 19/07/01
> SURNAME: XXXXXXXXXXXX
NAME: XXXXXXXXXXXX
REG.NO: XXXXXXXXXXXX

↑↓↔⇒
```

- SURNAME (required) (**12 characters**).
- NAME / REGISTRATION PLATE (Optional) (**12 characters**).

The following data will be automatically saved:

- **POS.:** Position where the data will be saved
- **DATE:** Date of the operation
- **MAKE:** Make of vehicle for which the data have been stored
- **MODEL:** Vehicle for which the data have been stored
- **YEAR** of the model
- **Keys Stored:** number of keys stored
- **PIN CODE:** (if storing is confirmed by the operator)
- **IMMO ID:** immobilizer central unit ID

To enter the data:

- Use the keys ↑↓ to place the cursor on the required item;
- Press ⇒ to enter and select the field in which to insert the text;
- Press **ENTER** to confirm;
- Select **ESC** to quit and store the data.

```
Is the information
inserted correct?
      NO
    > YES

↑↓
```

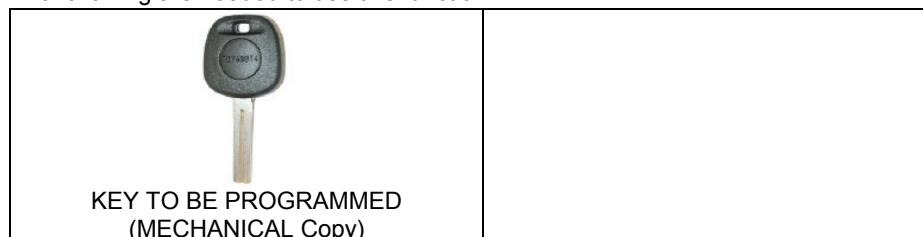
- Select **YES / NO** and press **ENTER**;
- **No**, returns to the data entry screen;
- **Yes**, the entered data are archived;
- Select **ESC** to quit.

2.5 IMMOBILIZER RESET

This function is used to RESET the immobilizer central unit.

ATTENTION: All the previously programmed keys will be erased and new keys will be programmed even without a **MASTER** key.

The following are needed to use this function:



- To activate the function select "**IMMOBILIZER RESET**" and press **ENTER**.

The display shows:

```
Please wait
connecting ...

Connecting ...
```

```
Safety access
Procedure

Elapsed time :
1:00 / 30:00
```

The dialogue between the device and the immobilizer central unit which now starts may go on for up to 1800 sec.

If communication and data exchange are successful, the display will show:

```
All keys
Have been
Erased

Press any key...
```

All the keys have now been erased.

- Remove the key from the ignition block.

The key previously inserted into the ignition block has been programmed. Insert the other keys to be programmed (maximum 4) into the ignition block for 4 seconds (**DO NOT TURN TO THE ON POSITION**).

The programming procedure ends automatically when the fourth key has been programmed; the last key will be a VALET KEY.

To end the procedure earlier, insert the MASTER KEY and rapidly turn from OFF to ON five times.

- Press any key to continue.

2.5.1

ARCHIVING OPERATIONS – USER DATA

At the end of the programming operation the display shows:

```
Do you want to save
the customer data
      NO
      > YES

      ↑↓ (ESC)
```

- Select YES/NO and press **ENTER**.
- **No**, to return to the IMMOBILIZER functions menu screen;
- **Yes**, to memorize the data relating to the operation completed;
- **ESC** to quit.

USER DATA ARCHIVE

To enter user data the display will show:

```
- USER DATA -
POS.: 001
DATE: 19/07/01
> SURNAME: XXXXXXXXXXXX
NAME: XXXXXXXXXXXX
REG.NO: XXXXXXXXXXXX

↑↓↔⇒
```

- SURNAME (required) (12 characters).
- NAME / REGISTRATION PLATE (Optional) (12 characters).

The following data will be automatically saved:

- **POS.:** Position where the data will be saved
- **DATE:** Date of the operation
- **MAKE:** Make of vehicle for which the data have been stored
- **MODEL:** Vehicle for which the data have been stored
- **YEAR** of the model
- **Keys Stored:** number of keys stored
- **PIN CODE:** (if storing is confirmed by the operator)
- **IMMO ID:** immobilizer central unit ID

To enter the data:

- Use the keys ↑↓ to place the cursor on the required item;
- Press ⇒ to enter and select the field in which to insert the text;
- Press **ENTER** to confirm;
- Select **ESC** to quit and store the data.

```
Is the information
inserted correct?
      NO
    > YES

↑↓
```

- Select **YES / NO** and press **ENTER**;
- **No**, returns to the data entry screen;
- **Yes**, the entered data are archived;
- Select **ESC** to quit.

3

IMMOBILIZER FUNCTIONS MENU TOYOTA/LEXUS TYPE 3 (ROUTINE 55)



MODEL	From	To	Silca REF	ILCO REF	Transponder	ID	OBP	KEY #	Position OBD
LEXUS									
LS430	2004		SMART KEY	SMART KEY	TEX / CR	4D		8	C13
TOYOTA									
PRIUS	2004		SMART KEY	SMART KEY	TEX / CR	4D		8	C13

The functions on these vehicles are:

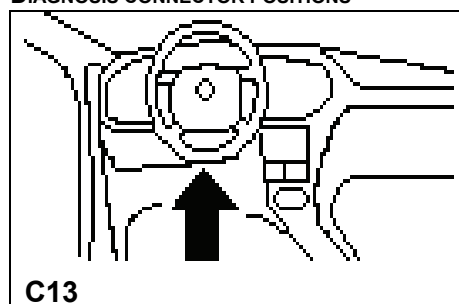
- ECU reset;

The following are needed to use this function:

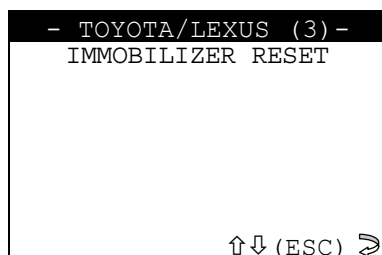
	 <p>SWITCH ADAPTER</p>
 <p>OBD II CABLE [00]</p>	
 <p>TOYOTA LEXUS KEY TO BE PROGRAMMED</p>	

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

DIAGNOSIS CONNECTOR POSITIONS



There is already a key in the ignition block and turned to the **ON** position.
The display shows:



- Select and press **ENTER**.

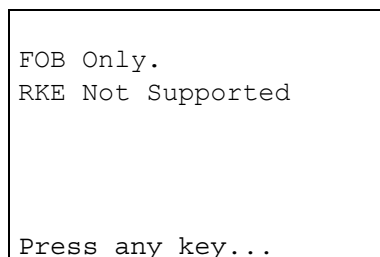
3.1 IMMOBILIZER RESET

This function is used to RESET the immobilizer central unit.

ATTENTION: All the previously programmed keys will be erased and new keys will be programmed even if there is no MASTER key.

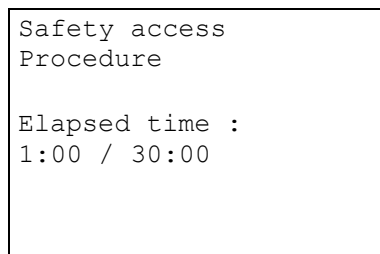
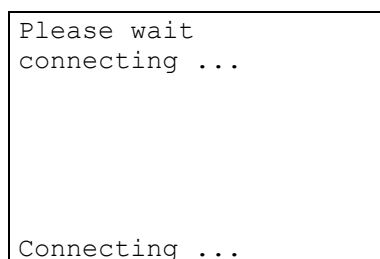
ATTENTION: This function is used to programme ignition keys only and not REMOTE CONTROLS.

- To activate the function select "IMMOBILIZER RESET" and press **ENTER**.
The display shows:



ATTENTION: This procedure is used to store the key only, not the remote control.

- Press any key to continue.



The dialogue between the device and the immobilizer central unit which now starts may go on for up to 1800 sec.

If communication and data exchange are successful, the display will show:

```
All keys
Have been
Erased
```

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

All the keys have now been erased.

- Remove the key from the ignition block.

The key previously inserted into the ignition block has been programmed. Insert the other keys to be programmed (maximum 4) into the ignition block for 4 seconds (**DO NOT TURN TO THE ON POSITION**).

The programming procedure ends automatically when the fourth key has been programmed; the last key will be a VALET KEY.

To end the procedure earlier, insert the MASTER KEY and rapidly turn from OFF to ON five times.

- Press any key to continue.

3.1.1

ARCHIVING OPERATIONS – USER DATA

At the end of the programming operation the display shows:

```
Do you want to save
the customer data
```

```
NO
> YES
```

```
↑↓ (ESC)
```

- Select YES/NO and press **ENTER**.
- **No**, to return to the IMMOBILIZER functions menu screen;
- **Yes**, to memorize the data relating to the operation completed;
- **ESC** to quit.

USER DATA ARCHIVE

To enter user data the display will show:

```
- USER DATA -
```

```
POS.: 001
DATE: 19/07/01
> SURNAME: XXXXXXXXXXXX
NAME: XXXXXXXXXXXX
REG.NO: XXXXXXXXXXXX
```

```
↑↓←→
```

- SURNAME (required) (**12 characters**).
- NAME / REGISTRATION PLATE (Optional) (**12 characters**).

The following data will be automatically saved:

- **POS.:** Position where the data will be saved
- **DATE:** Date of the operation
- **MAKE:** Make of vehicle for which the data have been stored
- **MODEL:** Vehicle for which the data have been stored
- **YEAR** of the model
- **Keys Stored:** number of keys stored
- **PIN CODE:** (if storing is confirmed by the operator)
- **IMMO ID:** immobilizer central unit ID

To enter the data:

- Use the keys ↑↓ to place the cursor on the required item;
- Press ⇒ to enter and select the field in which to insert the text;
- Press **ENTER** to confirm;
- Select **ESC** to quit and store the data.

```
Is the information
inserted correct?
      NO
      > YES

                               ↑↓
```

- Select **YES / NO** and press **ENTER**;
- **No**, returns to the data entry screen;
- **Yes**, the entered data are archived;
- Select **ESC** to quit.



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