SDD

SilcaDiagnosticDevice

SBB

SW- FORD® AUSTRALIA -L0 (SDD/SBB)

CODE: D431400XA - VERS. 3.0

GB

INDEX

SW- PRG. FORD® AUSTRALIA -L0 (SDD/SBB)

1 FUNCTIONS MENU FORD® AUSTRALIA

FORD AUSTRALIA				
Model	*FROM*	*TO*	*SILCA REF.*	*ILCO REF.*
121	1997		**FO21T3**	
121	1997		**FO21T3L**	
S-TYPE	2002		**FO21T7**	**FO21T7**
B-SERIES	1999	2001	**FO38RT3**	**H72-PT**
B-SERIES	2001	2003		
Escape PCM	2001	2003	**H86-PT**	**H86-PT**
Explorer HEC	1999	2001	**FO38RT3**	**H72-PT**
Explorer P2	1999	2001	**FO38RT3**	**H72-PT**
Explorer PCM	2001	2003		
Explorer S PCM	2001	2003		
Focus PCM	2000	2003	**H86-PT**	**H86-PT**
Taurus P1	1996	1997	**FO38RT3**	**H72-PT**
Taurus P2	1998	1999	**FO38RT3**	**H72-PT**
Taurus PCM	2000	2003		
Taurus SHO P1	1996	1998	**FO38RT3**	**H72-PT**
Taurus SHO P2	1998	1999	**FO38RT3**	**H72-PT**
TRIBUTE	2001	2003	**H86-PT**	**H86-PT**

The functions on these vehicles are:
- Programme new keys in the immobilizer even when all the original keys are missing;
- Delete the code lost keys from the immobilizer memory;
- Delete any anomalies memorized in the immobilizer.

To make use of this function, for the models listed, use:

SWITCH ADAPTER

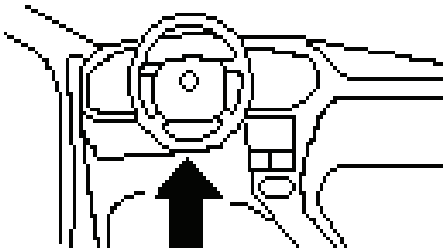
CABLE FORD OBDII [03]

Safety access about 12 minutes

KEY

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

WHERE TO FIND THE PLUG DIAGNOSTICS



C13

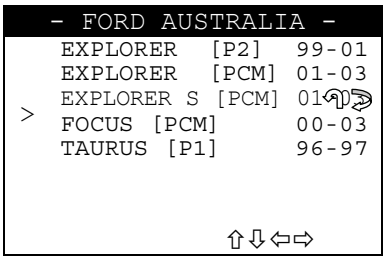
SELECTING THE CAR MAKE

In this case, SDD/SBB is not able to automatically recognize the various control units connected. To identify the type of communications procedure to start, it is necessary to identify:

- CAR MODEL
- YEAR OF MANUFACTURE
- SYSTEM TYPE

Procedure	System
[HEC]	HEC
[ICM]	ICM
[P1]	PATS1
[P2]	PATS2
[PCM]	PCM

Given the difficulty of identifying the type of system used in the vehicle, for models that have different procedures for the years indicated, try all the suggested procedures in turn. Example:



FUNCTIONS MENU

In this section, you can execute the functions provided, in particular:

- Storing new keys in the immobilizer even when all the original keys have been lost;
- Adding new keys in the immobilizer "PROGR. NEW KEYS (A)";
- Erasing the codes for all keys from the immobilizer's memory provided that you reprogram two "NEW KEYS PROGRAMMING (A-C)"
- Checking how many keys are stored in the immobilizer's memory;
- Eliminating any errors stored in the immobilizer's memory.

ATTENTION: **The programming system for FORD® GROUP is structured in such a way that it is not possible to individually erase one or more keys for the vehicle.**

NOTE: ALWAYS USE A FORD OBDII (03) CABLE.

- Use the machine to program/erase keys from the immobilizer's memory only if really necessary, the programming/erasure process can take up to 30 minutes;
- If possible, use the direct manual programming/erasure procedure described in the HELP menu F2.

ATTEMPTING TO START A CAR USING A KEY THAT HAS NOT BEEN STORED IN MEMORY

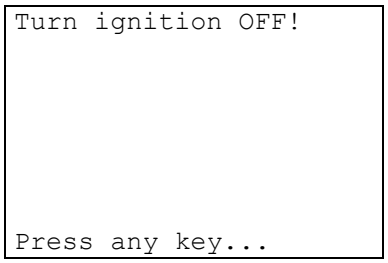
In this case, the immobilizer system goes into protection mode and it is not possible to start the vehicle even using a key intended for that purpose. This situation is indicated by a rapid flashing of the immobilizer warning light.

- To unlock the vehicle, insert a functioning key into the ignition switch and hold it in the ON position until the immobilizer warning light goes off (this procedure takes a few minutes).

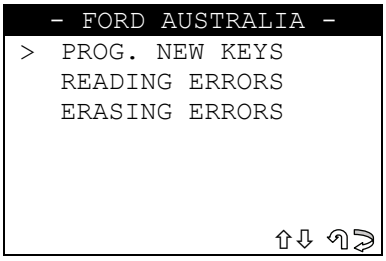
The FORD® AUSTRALIA functions menu is structured as follows:

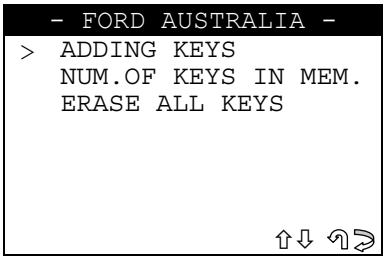
- A key has already inserted into the ignition switch and turned to the ON position.

The following is displayed:



- Turn the key to the OFF position. Depending on the vehicle model selected, the following is displayed:





- Select and press ENTER.

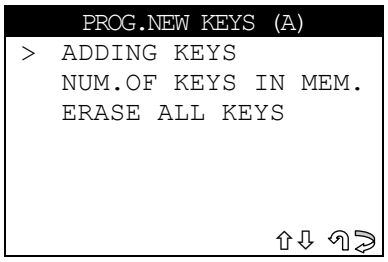
1.1 PROGRAMMING NEW KEYS

1.1.1 PROGRAMMING NEW KEYS (A) (I) (L)

This function is used to add or erase keys in the immobilizer's memory.

- To activate the function, select "PROG. NEW KEYS" and press ENTER.

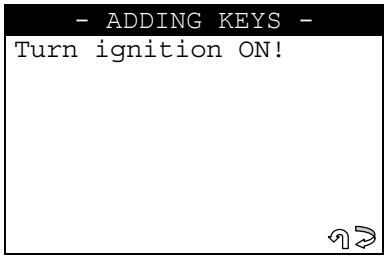
The following is displayed:



1.1.1.1 ADDING KEYS

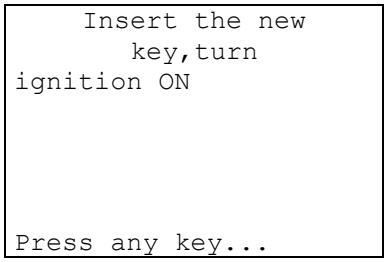
This function is used to add new keys.

- Select "ADD" and press ENTER; the following is displayed:



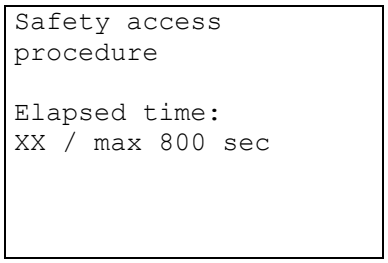
- Turn the key to the ON position;
- Press ESC to exit;
- Press ENTER to continue.

After a few seconds, the following is displayed:



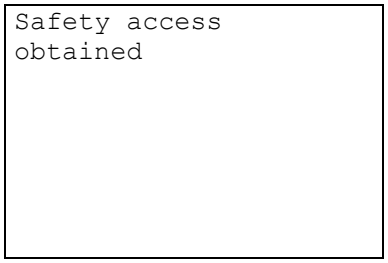
- Insert the key to be programmed, turn it to the ON position and press any key.

The following is displayed:

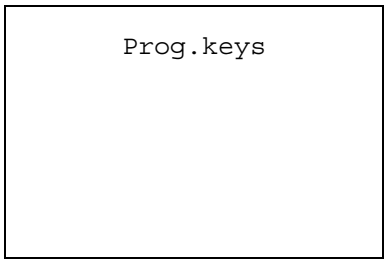


At this point, a dialog takes place between the device and the immobilizer control unit that can take up to 800 sec.

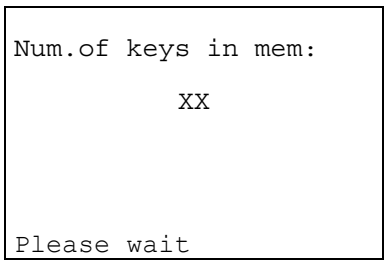
If the communication and the data exchange function correctly, the following will eventually be displayed:



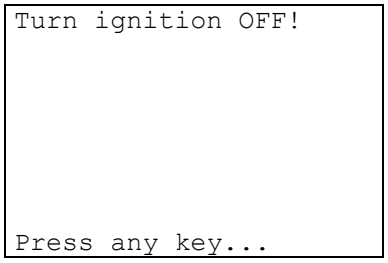
At that point, the **key programming phase** begins.
After a few seconds, the following message appears (for a few seconds):



If the programming is successful, the following message appears indicating the new number of keys in memory:



- After a few seconds, the following is displayed:



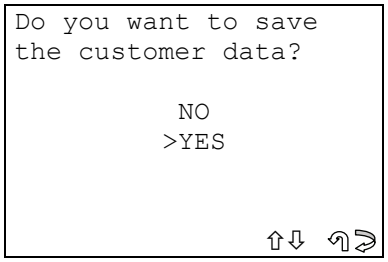
- Turn the key to the OFF position and press any key.

TESTING KEYS

ATTENTION: **To check that the stored keys work, try starting the vehicle at least 2 times. If this fails, repeat the operation.**

OPERATIONS ARCHIVES - USERS DATA

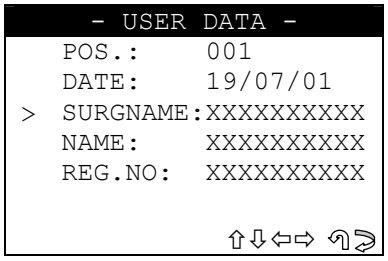
When the programming operation has been completed, the following appears:



- Select YES/NO and press ENTER;
- No, return to the IMMOBILIZER functions menu screen;
- Yes, save the data for the operation that has just been completed;
- Press ESC to exit.

SAVING USER DATA

To enter user data, the following is displayed:



- SURNAME (mandatory) (12 characters);
- NAME / REG. NO. (optional) (12 characters).

The following data will be saved automatically:

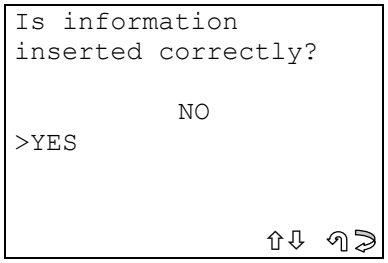
- POS.: Location where the data will be saved;
- DATE: Operation date;
- MAKE: Make of the vehicle for which the operation was performed;
- MODEL: Model of the vehicle for which the operation was performed;
- YEAR: Model year;
- Keys stored: Number of keys stored in memory;
- PIN CODE: (if storage is confirmed by an operator);
- IMMO ID: Immobilizer control unit ID.

To enter data:

- Use the ⇧⇩ keys to position on the desired item;
- Press ⇨ to enter and select the field where the text is to be typed.

To confirm, press **ENTER**;

- To exit and save the data, press ESC.

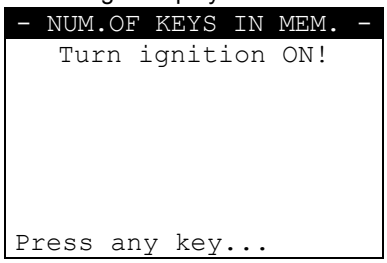


- Select YES/NO and press ENTER;
- No, return to the data entry screen;
- Yes, return to the data entry screen;
- Select ESC to exit.

1.1.1.2 NUMBER OF KEYS STORED

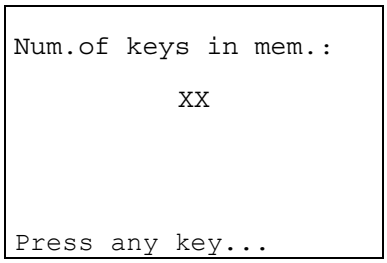
This function is used to display the number of keys stored in the immobilizer's memory.

- After selecting it, the following is displayed:



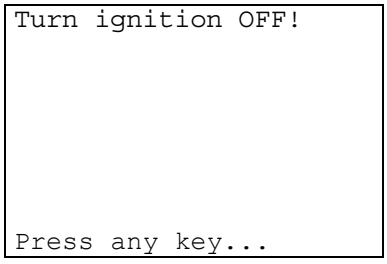
- Turn the key to the ON position and press any key.

The following is displayed:



- Press any key to continue.

The following is displayed:



- Turn the key to the OFF position and press any key;
- Remove the key.

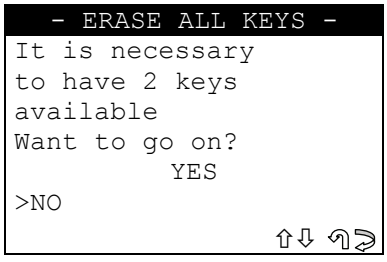
1.1.1.3 ERASE ALL KEYS

This function is used to erase all keys stored in the immobilizer's memory. To proceed, 2 keys must be stored.

ATTENTION: The key erasure procedure provides for programming 2 keys necessary for the immobilizer to start the car.

- In the "PROG. NEW KEYS" menu, select "ERASE ALL KEYS" and press ENTER.

The following is displayed:



- Select YES/NO and press ENTER;
- No, return to the data entry screen;
- Yes, save the data;
- Press ESC to exit.

The following is displayed:

```
Turn ignition ON!




Press any key...
```

- Insert the key, turn it to the ON position and press any key.

The following is displayed:

```
     Safety access
       procedure

     Elapsed time:
XX / max 800 sec
```

At this point, a dialog takes place between the device and the immobilizer control unit that can take up to 800 sec.
If the communication and the data exchange function correctly, the following will eventually be displayed:

```
Safety access
obtained
```

At this point, the erase all keys phase begins.
After a few seconds, the following is displayed:

```
All keys
have been erased




Please wait
```

Key erasure has been completed.

At this point, the **2 key programming phase** begins.
If **1st key programming** is successful, the following message is displayed after a few seconds:

```
Num. of keys
in memory:

           1


Please wait
```

After a few seconds, the following is displayed:

```
Follow the procedure:
Turn ignition off!
Insert the second key!
Turn ignition on
within 10 sec.


Press any key
```

- Turn the 1st key to the OFF position, then insert the 2nd key and turn it to the ON position, all within 10 seconds;
- Press any key to continue.

At this point, the **2nd key programming phase** begins.
If **2nd key programming** is successful, the following message is displayed after a few seconds:

```
Keys number in
memory:

           2


Please wait
```

After a few seconds, the following is displayed:

```
Turn ignition OFF!




Press any key...
```

- Turn the key to the OFF position and press any key.

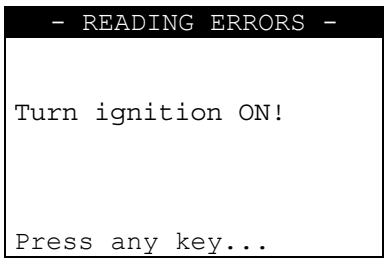
SAVING USER DATA

(the sequence of operations is the same as that described on page 8).

1.2 READING ERRORS

This function is used to check for problems in the immobilizer's memory.

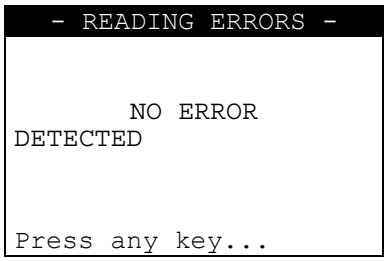
- After selecting it, press ENTER. The following is displayed:



- Turn the key to the ON position and press any key.

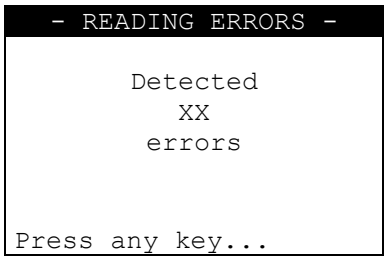
NO ERRORS FOUND

If no problems are found, the following is displayed after a few seconds:

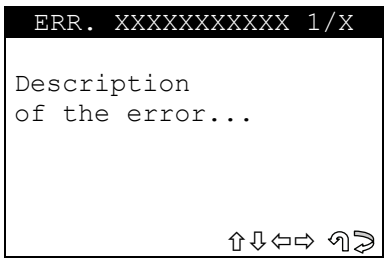


ERRORS FOUND

If problems are found, the number of errors (XX) stored in the control unit is displayed:

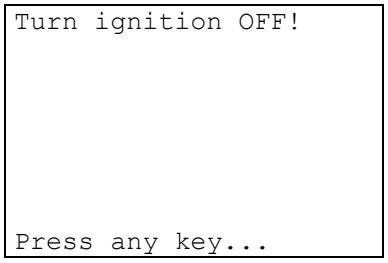


Press any key to display a description of the error:



- ERR: XXXXXXXXXXX error code;
- Press ⇧⇩⇦⇨ to scroll through all the errors found;
- Press ESC to exit.

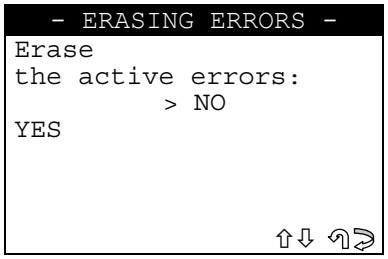
The following is displayed:



Turn the key to the **OFF position** and press any key.

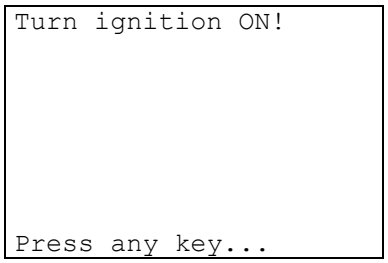
1.3 ERASING ERRORS

After selecting and pressing **ENTER**, the following appears:



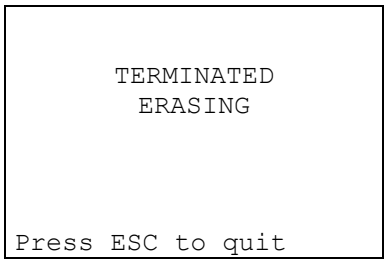
- Select YES/NO and press ENTER;
- No, return to the previous menu;
- Yes, erase the errors in memory;
- Press ESC to exit.

The following is displayed:



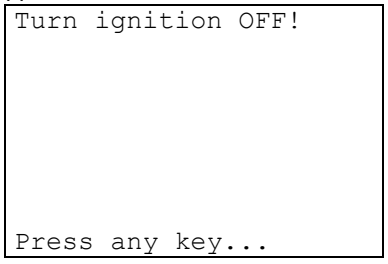
- Turn the key to the ON position and press any key.

After a few seconds, the following message appears:



- Press ESC to quit.

The following message appears:



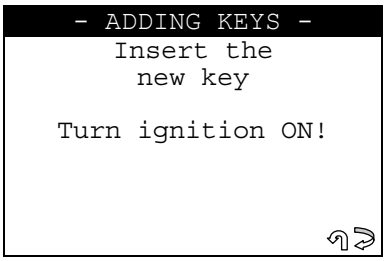
Turn the key to the **OFF position** and press any key.

1.4 ADDING KEYS

This function is used to add keys to the immobilizer.

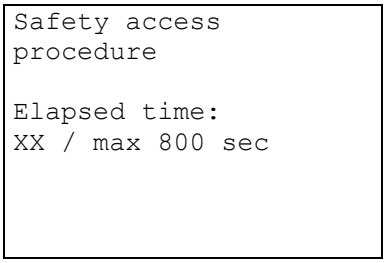
- To activate the function, select “ADD” and press ENTER.
-

The following is displayed:



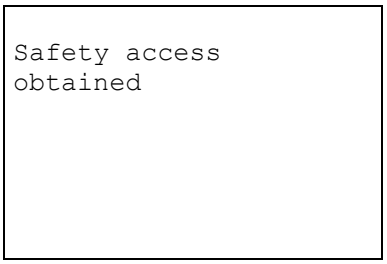
- Insert the key to be programmed and turn it to the ON position;
- Press ESC to exit;
- Press ENTER to continue.

The following is displayed:

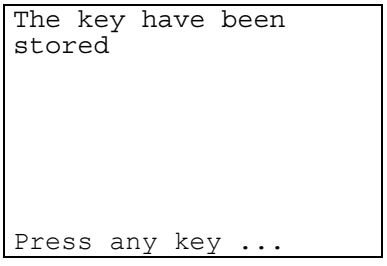


At this point, a dialog takes place between the device and the immobilizer control unit that can take up to 800 sec.

If the communication and the data exchange function correctly, the following will eventually be displayed:



- At this point, the key programming phase begins;
- If no errors occur during the process, the following message is displayed:



- Press any key to continue.

SAVING USER DATA

(the sequence of operations is the same as that described on page 8).

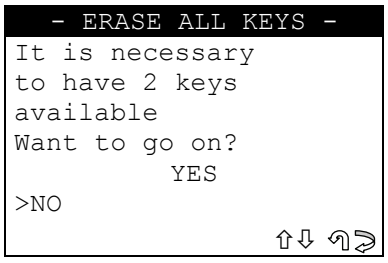
1.5 ERASING ALL KEYS

This function is used to erase all keys in the immobilizer's memory. To proceed, two keys must be stored.

ATTENTION: **The key erasure procedure provides for programming 2 keys necessary for the immobilizer to start the car.**

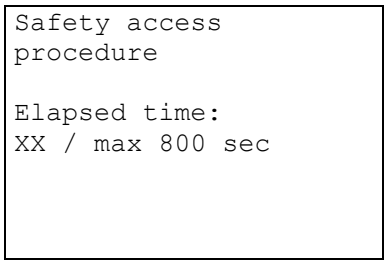
- In the "**PROG. NEW KEYS**" menu, select "**ERASING ALL KEYS**" e premere **ENTER**.

The following is displayed:



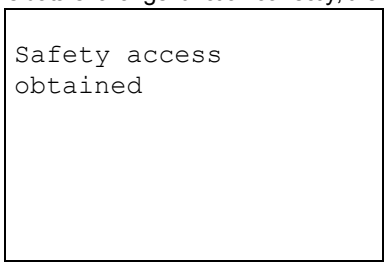
- Select YES/NO and press ENTER;
- No, return to the data entry screen;
- Yes, save the entered data;
- Press E**SC** to exit.

The following is displayed:



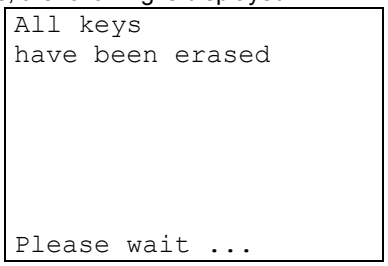
At this point, a dialog takes place between the device and the immobilizer control unit that can take up to 800 sec.

If the communication and the data exchange function correctly, the following will eventually be displayed:

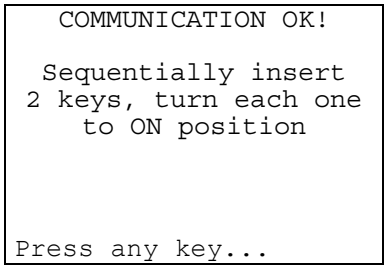


At this point, the **erase all keys phase** begins**.**

- After a few seconds, the following is displayed:



- Press any key to continue.



- Press any key to continue.

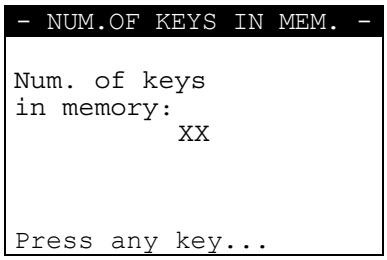
SAVING USER DATA

(the sequence of operations is the same as that described on page 8).

1.6 NUMBER OF KEYS IN MEMORY

This function is used to display the number of keys stored in the immobilizer's memory.

- When it is selected, the following is displayed:



- Press any key to continue.

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