

SDD
SilcaDiagnosticDevice

SBB

SW- CHRYSLER® -L0 (SDD/SBB)

CODE: D431371XA - VERS. 4.0



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SW- PRG. CHRYSLER® -L0 (SDD/SBB)

1




CHRYSLER®

MODELL	FROM	TO	KEY REFERENCE
CHRYSLER			
300M	1998	2002	Y160-PT
CIRRUS	1999	2002	Y160-PT
CIRRUS Convertible	2001	2002	Y160-PT
CIRRUS SEDAN	2001	2002	Y160-PT
CONCORDE	1998	2001	Y160-PT
LHS	1998	2002	Y160-PT
NEON	1998	2002	Y160-PT
NEW YORKER	1998	2001	Y160-PT
PACIFICA	2003		
PT CRUISER	2000	2002	Y160-PT
PT CRUISER LE	2001	2002	Y160-PT
SEBRING CONVERT	1998	2002	Y160-PT
SEBRING 2 Dr.	2001	2002	
SEBRING 4 Dr.	2001	2002	Y160-PT
STRATUS 4 Dr.	1999	2002	Y160-PT
STRATUS 2 Dr.	2001	2002	
TOWN & COUNTRY	2001	2002	Y160-PT
VISION	1998	2002	Y160-PT
VOYAGER	1998		Y160-PT



The functions on these vehicles are:

- To program new keys;
- Delete all keys.

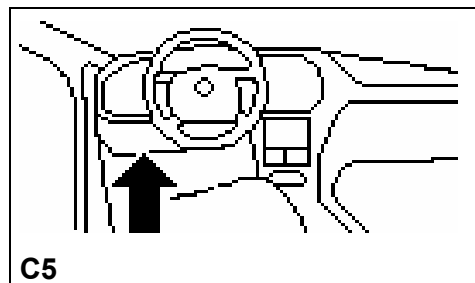
To make use of this function, use:

	 <p style="text-align: center;">SWITCH ADAPTER</p>
 <p style="text-align: center;">CABLE CHRYSLER [09] (OPTIONAL *)</p>	<p style="text-align: center;">PIN CODE</p> <p>Comprising 4 alphanumeric characters. Apply to authorized dealer Chrysler with log book and identity document.</p>
<p style="text-align: center;">New and/or old keys All keys to be memorized (Max 8)</p>	

OPTIONAL * = Standard for SDD USA CAN BUS

SBB	CABLE/ADAPTOR
	 <p style="text-align: center;">CABLE OBD II [00] (STANDARD)</p>

WHERE TO FIND THE PLUG DIAGNOSTICS



2

CHRYSLER CCD®

MODELL	FROM	TO	KEY REFERENCE
CHRYSLER			
SEBRING [CCD]	1998	2002	Y160-PT
STRATUS [CCD]	1998	2001	Y160-PT
VOYAGER [CCD]	1998	2000	Y160-PT
DODGE			
STRATUS [CCD]	1999	2001	Y160-PT
JEEP			
CHEROKEE [CCD]	1998	2002	Y160-PT
WRANGLER [CCD]	1999	2001	Y160-PT

CCD (Chrysler Collision Detection) models are vehicles that use a system of communication with the central control unit developed and owned by Chrysler Group.

The system was used on all the group's vehicles, but was gradually abandoned from 1996 to 2000.

To communicate with these systems SDD/SBB requires an optional adapter:

D729045ZB - CHRYSLER CCD Adapter Kit.



The functions on these vehicles are:

- Programme new keys;
- Delete all keys.

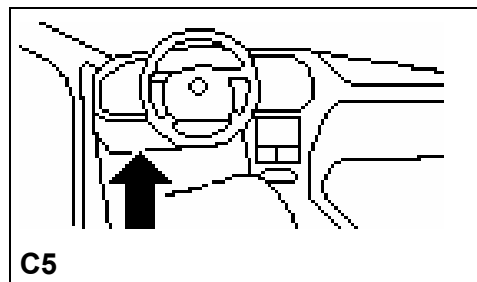
To make use of this function, use:

	 <p style="text-align: center;">SWITCH ADAPTER</p>
 <p style="text-align: center;">CABLE CHRYSLER [09] (OPTIONAL *)</p>	 <p style="text-align: center;">CHRYSLER 13 Adapter Kit (OPTIONAL)</p>
<p style="text-align: center;">New and/or old keys All keys to be memorized (Max 8)</p>	<p style="text-align: center;">PIN CODE</p> <p style="text-align: center;">Comprising 4 alphanumeric characters. Apply to authorized dealer Chrysler with log book and identity document.</p>

OPTIONAL * = Standard for SDD USA CAN BUS

SBB	CABLE/ADAPTOR
	 <p data-bbox="906 477 1273 506">CABLE OBD II [00] (STANDARD)</p>

WHERE TO FIND THE PLUG DIAGNOSTICS



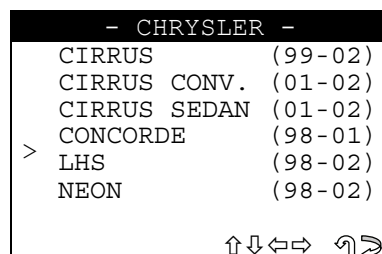
CHRYSLER® FUNCTIONS MENU

SELECTING THE CAR MAKE

In this case SDD/SBB is able to automatically recognize the various central units connected and therefore uses the right communication procedure.

Simply identify:

- CAR MODEL
- YEAR OF MANUFACTURE



- Use the ↑↓ arrow keys to select the make, then press **ENTER**;
- Press **ESC** to quit.

FUNCTIONS MENU

This section can be used to carry out the functions included, in particular:

- To program new keys in the immobilizer also when all the original keys are missing;
- to erase all the keys from the immobilizer memory.

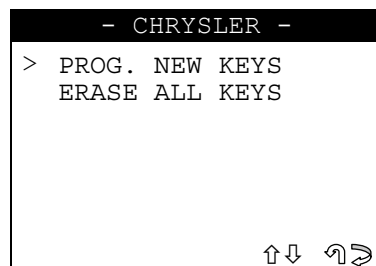
ATTENTION: the structure of the programming system for **CHRYSLER®** is such that **one or more keys cannot be deleted individually from the vehicle.**

Note: always use the (09) OBDII CHRYSLER® cable.

The CHRYSLER® functions menu is structured as follows:

- there is a key already in the ignition; turn it to the (ON) position.

The display will show:



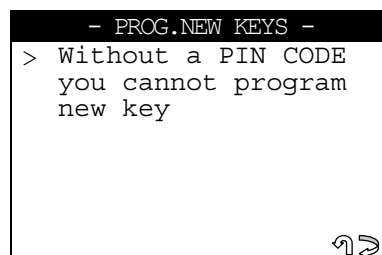
- Select and press **ENTER**.

2.1 PROGRAMMING NEW KEYS

This function can be used to add keys to the immobilizer.

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

The display will show:

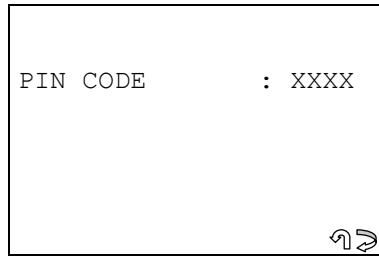


- The **PIN CODE** is required (secret 4 characters number).

Apply for PIN CODE to an authorized CHRYSLER® dealer, presenting your log book and an identify document.

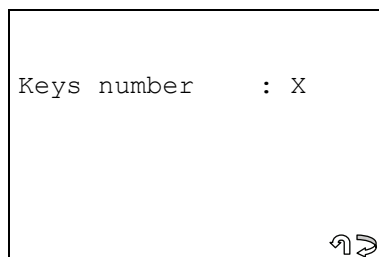
- Press **ESC** to quit;
- Press **ENTER** to continue.

The display will show:



Enter the **PIN CODE** and press **ENTER**;

- Press **ESC** to quit;
- Press **ENTER** to continue.

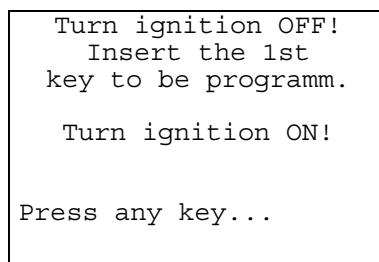


- Enter the **Number of keys** to be stored in the memory and press **ENTER**;
- Press **ESC** to quit;
- Press **ENTER** to continue.

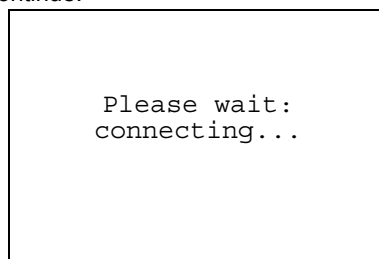
Memorization of the keys in the car will now begin.

If a wrong PIN has been entered or there are errors during communication, the display will show: **error message No. 1** (see ch."WARNING/ERROR MESSAGES" of the Operating manual).

- If the PIN is correct, the display will show:



- Turn the key to the **OFF position**;
- Enter the key to be programmed and turn to the ON position;
- Press any key to continue.



- Repeat this operation for all the keys to be programmed.

When the programming operation is complete, the display will show:

```
If the warning light
on the console is
blinking repeat the
procedure because an
error with the keys
has occurred

Press any key...
```

TESTING KEYS

ATTENTION: to check that the memorized keys work, test by turning on the car engine. If there are problems, repeat the operation.

- Press a key to continue.

ARCHIVING OPERATIONS – USER DATA

All the operations carried out can be stored in the machine memory.
The display will show:

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

NO
>YES

↑↓ ↻
```

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

The display will show:

```
Do you want to save
PIN CODE?

NO
>YES

↑↓ ↻
```

- Select **YES/NO** and press **ENTER**;
- **No**, the data are archived **except for the PIN CODE**;
- **Yes**, the user data are archived.

USER DATA ARCHIVE

This section is used to enter the user data to be saved for the operation completed.
The display will show:

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

↑↓ ← → ↻
```

- 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.

NOTE: to select the letter required, press the corresponding key N times.

Glossary:

0	Deletes characters to the left of the cursor
1	space - . 1
2	A B C 2 à Á á â Ç
3	D E F 3 è É ë ê
4	G H I 4 ì í î ï
5	J K L 5
6	M N O 6 ò ó ô õ ö Ñ
7	P Q R S 7 ß
8	T U V 8 ù ú û ü
9	W X Y Z 9
0	0

To quit and memorize the data, press **ESC**.

Is information
inserted correct?
NO
>YES

↑↓ ⇒

- Select **YES/NO** and press **ENTER**;
- **No**, to return to the data entry screen;
- **Yes**, to store the data in the archive;
- Press **ESC** to quit.

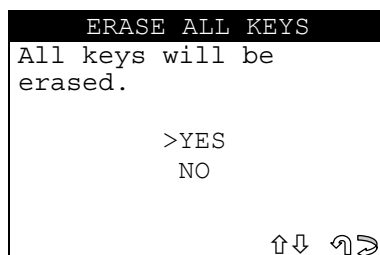
2.2 ERASE ALL KEYS

This function is used to erase all the keys stored in the immobilizer memory; to continue enter the **PIN CODE** (secret 4 characters number).

Apply for PIN CODE to an authorized CHRYSLER® dealer, presenting your log book and an identify document.

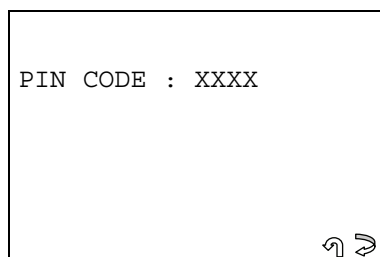
To enable the function select **“ERASE ALL KEYS”** and press **ENTER**.

The display will show:



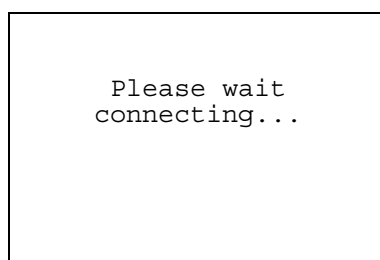
- Select **YES/NO** and press **ENTER**;
- **No**, to return to the previous menu;
- **Yes**, to erase all the keys stored in the immobilizer memory;
- Select **ESC** to quit.

The display will show:

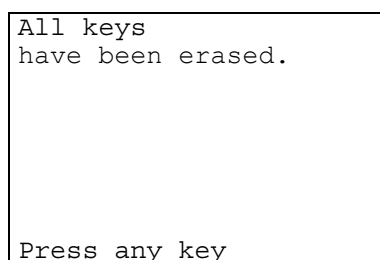


- Enter the **PIN CODE** and press **ENTER**;
- Select **ESC** to quit;
- Press **ENTER** to continue.

The display will show:



After a few seconds the display will show:



Press a key to continue.

ARCHIVING OPERATIONS DATA – USER DATA

(the flow chart is the same as that described on page 9).



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