Installation Guide

Model:

SmartGard - Family

(49001)

LA GARD
DO BRASIL LTDA.

Contents of the Kit:

- Smartgard Module Model 49001 Module Logic
- Push Button
- 2 screw for fixing the key pad
- Electronic Lock Model 3260 MLBR SER44- Swing Bolt
- 3 screw to fix the lock
- Large Battery Box Model LGBR 4001 (Hoses 6 “C” type batteries)
- 6 batteries Duracell type C (1,5Vdc x6)

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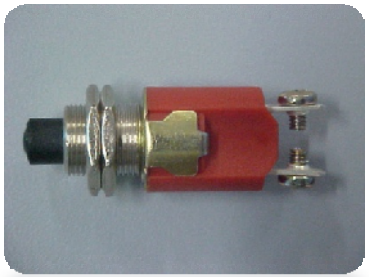
Description:

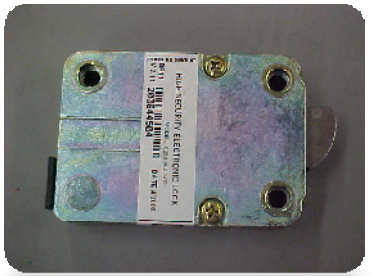
Smartgard Module

Screw to fix the module keypad

Push Button

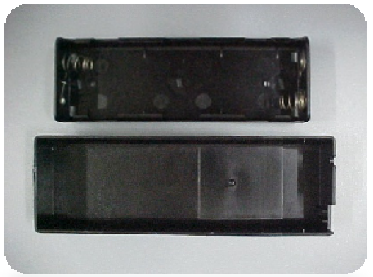


Electronic Lock



Screw to fix the lock

Large Battery Box



6 Batteries Duracel type C

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Below the steps for installation

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1º STEP:

• Remove the cap pushing up on the tab indicated, in Figure 1; to remove plastic cover to get access to module logic

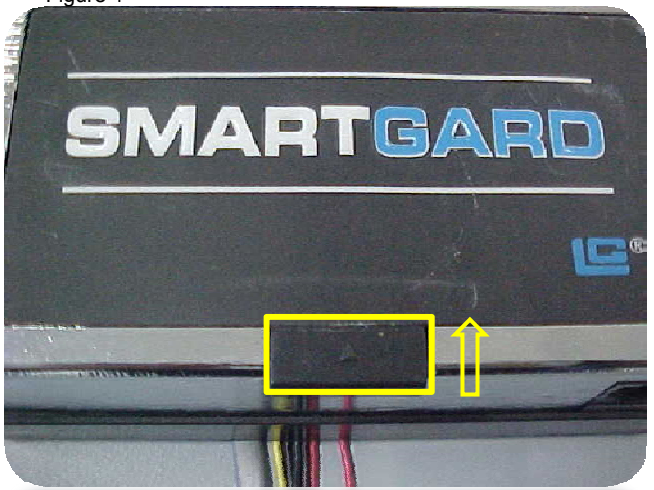
•Check the site for fixing the Smartgard Module ;

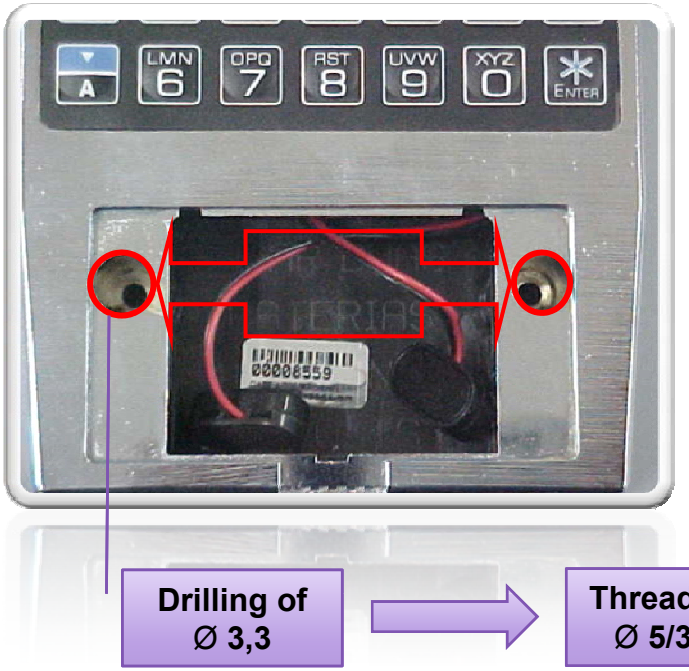
•The drilling for fixing the Smartgard Module should be **Ø 3,3;**

•Make a thread of **Ø 5/32;**

•Not fix the Smartgard Module

Figure 1





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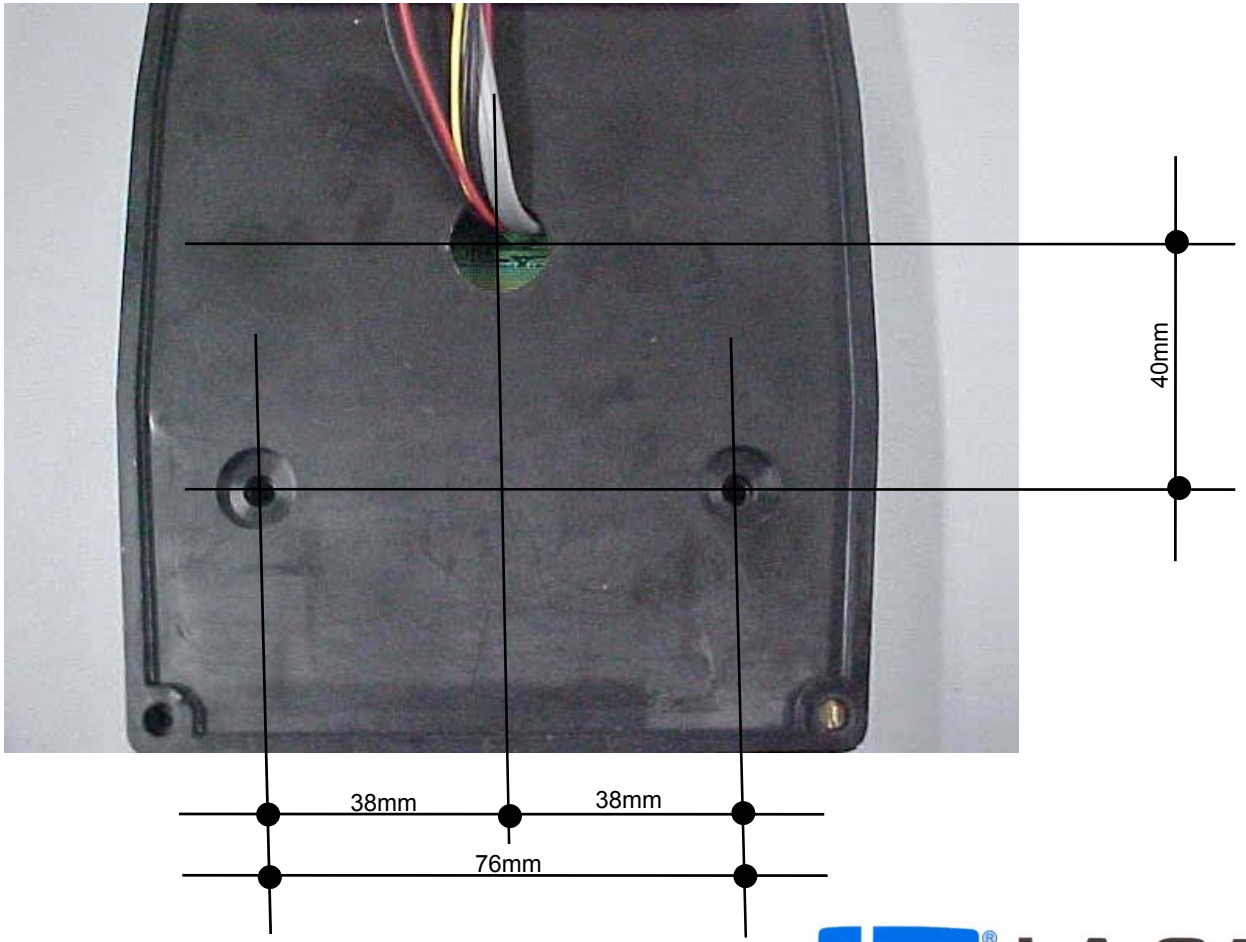
2º STEP:

- Check the center between the two holes, moving 40mm up and drill a hole of Ø 14 in the safe;
- This hole will allow the passage of the cables. Through the safe.

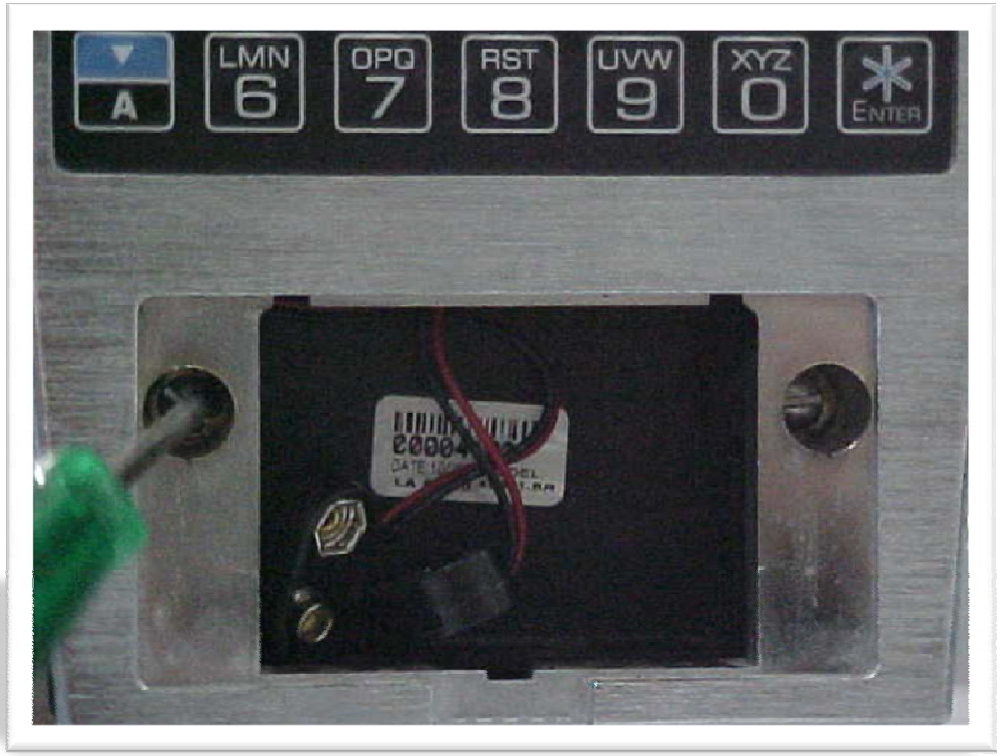


LA GARD DO BRASIL LTDA.

3º STEP:

- Pass all cables though the Ø **14** hole made in the previous step;
- the screws prouded to fix the module and make fixing the Module on the door of the safe;

Screw to fix the Smartgard Module



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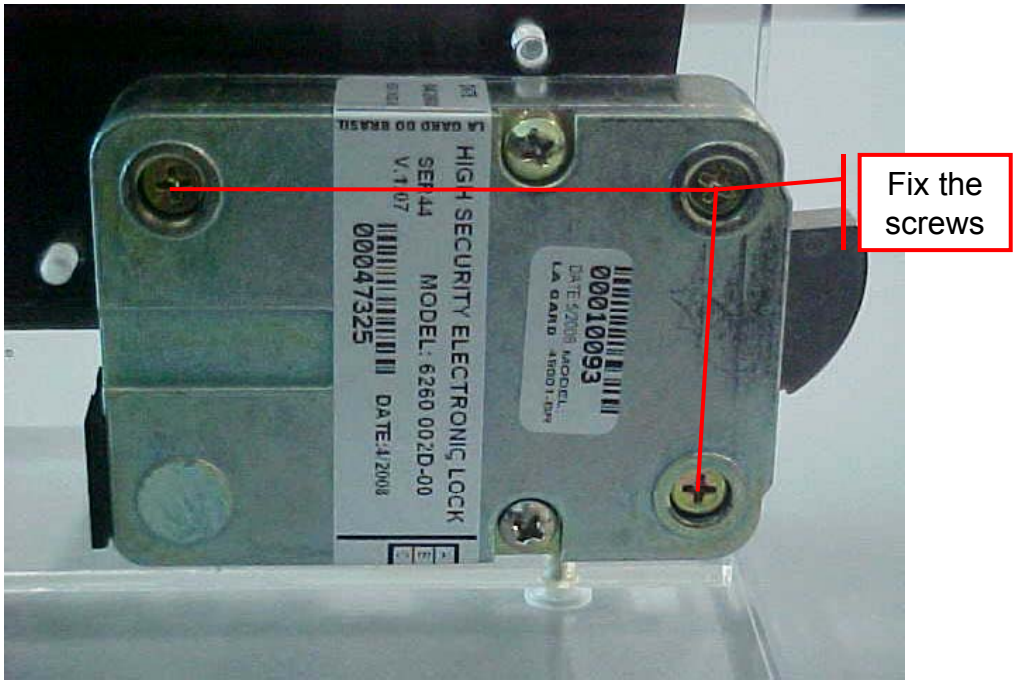
4º STEP:

- Search the location for fixing the lock;
- The drilling for fixing the lock should be **Ø 5,3;**
- Make a thread of **Ø 1/4.**

Screw for fixid the lock



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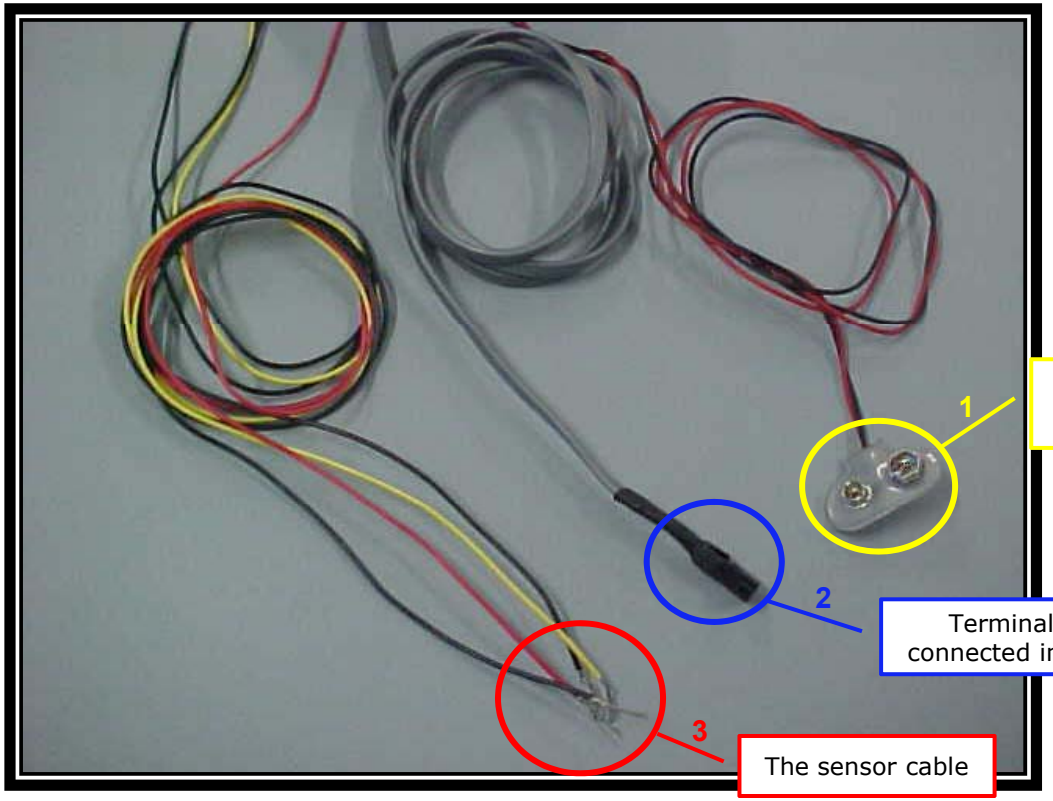
4º STEP:

Description of cables

1. Cable to the Power Suply;
2. Cable for the connection to lock;
3. Cable to the sensor door open / closed



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5º STEP:

• Grab the push button and remove screw-nut, as shown in figure 1;

• The push BUTTON should be installed at the hinge of the door of the safe. Make drilling of Ø 12 at the hinge of the door of the safe;

• Conect the sensor cables in the push button, red and any of the black wires in the terminals, as shown in figure 2;

• Take the screw-nut that was removed and then affix the push BUTTON, as shown in figure 3.

Figure 1

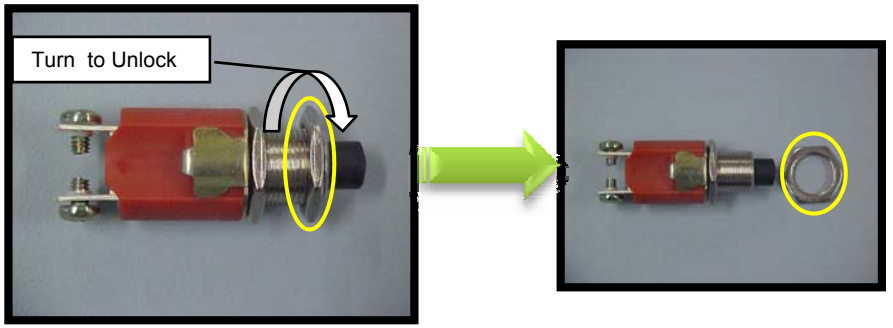
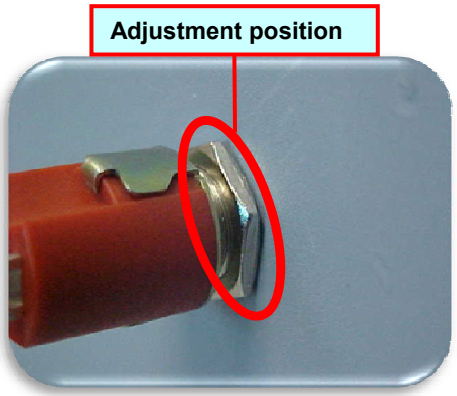


Figure2

Figure 3



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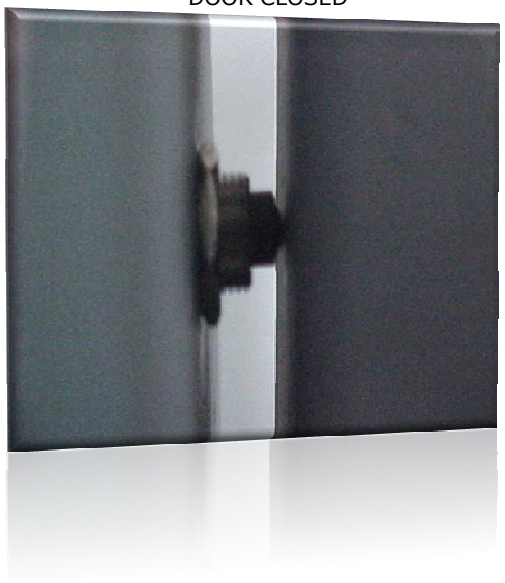
Demonstration of the correct position for PUSH BUTTON (Sensor Door Open/Close)

DOOR CLOSED



DOOR OPEN

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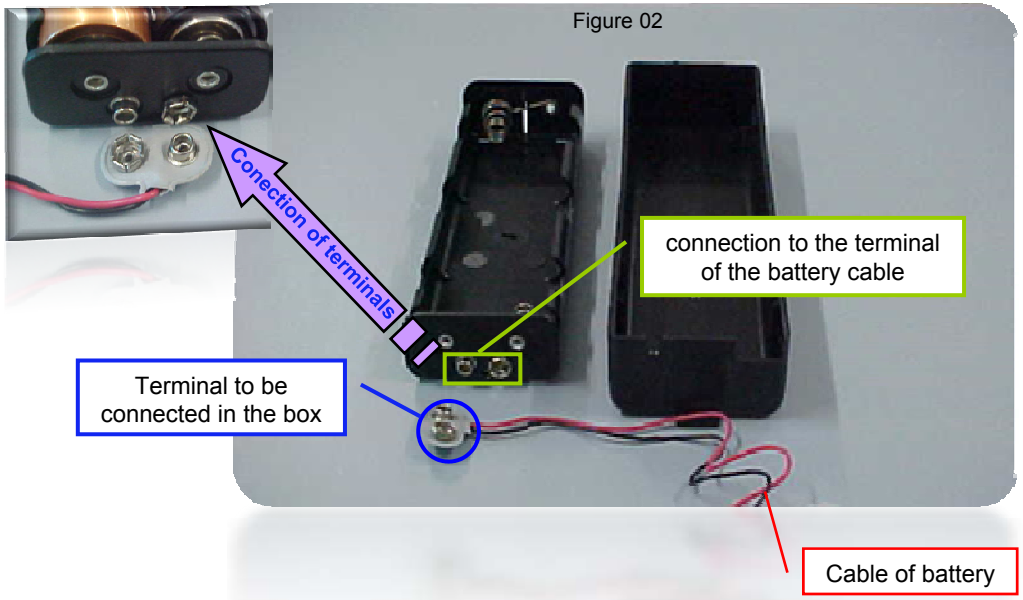
10º STEP: Battery Installation

- Grab the cable, batteries and the box of battery; (figure 01)
- Find the best place for fixing the battery box;
- Make the connection to the terminal of the battery cable, with the box of batteries, as illustrated in Figure 02;
- Install the batteries inside the box. On installation see positive and negative polarity described in the box.
- Make sure polarity is correct before proceeding.

Figure 01

Figure 02



Boxes of batteries with the batteries installed

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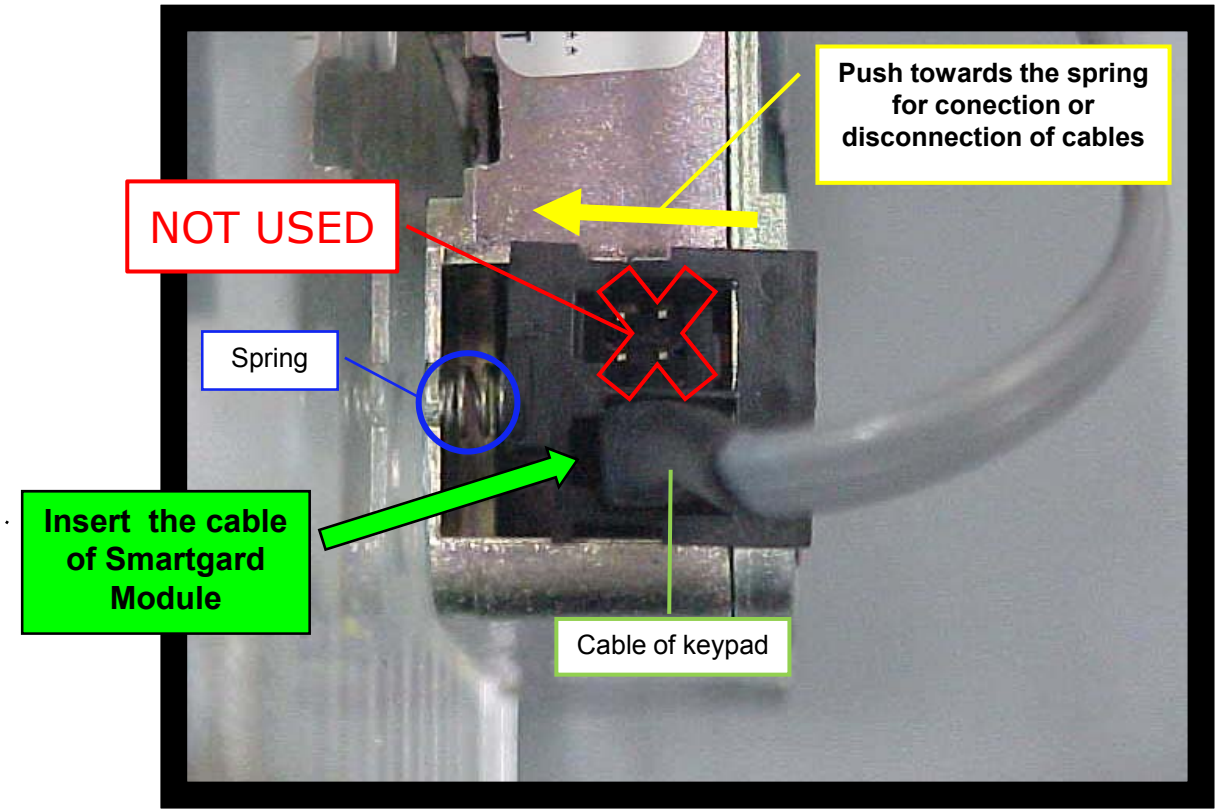
11º STEP:

• After fixing the lock, make the connection terminals of the Smartgard Module in the lock.
• To connect these terminals, press lightly on the connector for the electronic lock and plug them as shown in figure 01
Attention: Do not force the disconnection of cables , damage might occur because of the cable or contact with the pins!

Figure 01



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12º STEP:

- Electrical Ratings
  - Smartgard Module Logic
  - Primary DC voltage supplied by LGBR 4001 battery box = (1,5VDC x 6 batteries) = 9VDC
- Stand by Battery
  - Smartgard Keypad = (2 x 9VDC batteries) parrellel configuration
- Make sure polarity is appropriately verified before installation
- Ambient temperature 0º to 49ºC
- Humidity – 85±/5 percent

- Thanks!

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