

Injectronics

Remanufactured Automotive Electronics Components

PRODUCT SERVICE INFORMATION

Document number: P0005

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Part number: F005V00003CO, F005V00081CO, F005V00004CO, F005V00082CO

Subject: Smart lock modules

Learning procedures - Normal mode down loading

If you have replaced a 'Smartlock assembly' or BEM in service, you will need to download the electronic lock codes before you can start the vehicle.

Note: Ensure battery is of good condition & battery charge rate is within spec. Low battery voltage can cause BCM to lose synchronization with PCM.

Procedure:

1. Turn off all accessories.
2. Ensure the system is free from errors (NGS)
3. Turn the ignition switch to the RUN position.
4. After 61 minutes, the electronic lock assembly will download the codes into the BEM, the door locks will change state twice to indicate a successful download.
5. Turn the ignition switch to the OFF position for at least 30 seconds.
6. Verify the system by starting the engine.

Keypad Training:

If you have replaced the BEM or wish to add or replace lost keypads with new keypads, you need to train the key codes to the BEM.

Procedure:

1. Turn the ignition switch to the OFF position.
2. Turn the ignition key to the ACCESSORIES position and within 5 seconds, operate the rear demister switch exactly 3 times (on, off, on)
3. After the 5 seconds is up, the door locks will change state to indicate the BEM has entered learn mode. All the existing keypad codes are immediately erased.
4. Press either of the buttons on the keypad. The door locks will change state twice to indicate the BEM has learnt the keypad
5. Follow step 4 for each keypad. You can train up to 4 keypads. You must teach all of the keypads to the BEM before proceeding to step 6
6. When you have taught all of the keypads, turn the ignition switch to either RUN or OFF position to leave learn mode. The door locks will change state to indicate a return to normal mode.
7. Check the function of each keypad button that has been trained.

Note: If a keypad has been lost follow steps 1, 2, 3 and 6. This will erase the code of the lost keypad from the BEM and prevent unauthorized entry into your vehicle.

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