

# Injectronics

Remanufactured Automotive Electronics Components

## PRODUCT SERVICE INFORMATION

**Document number: P0028**

*For further technical information regarding testing, repairs or to search for New or Remanufactured Automotive electronic products, please visit [www.injectronics.com.au](http://www.injectronics.com.au), call our office on (+613) 8792 6999, or email [sales@injectronics.com.au](mailto:sales@injectronics.com.au)*

**Vehicle: Ford EL Sedan & wagon**

**Subject: Smart lock modules**

**Part numbers: 9330065162CO, 9330065163CO, 9330065164CO**

### **Learning Procedures, Normal mode downloading.**

If you have replaced the electronic lock assembly of the BEM in service, you will need to download the electronic lock assembly codes before you start the car.

#### **Procedure:**

- Turn off all accessories.
- Ensure that the system is free from error. With the ignition turned to the OFF position, the warning jewel (LED) will be flashing the armed code.
- Turn the ignition switch to the RUN position. The warning jewel (LED) should display code 3, then flash the immobilised code. Leave the ignition switch in the RUN position.
- After 30 minutes, the electronic lock codes will download into the BEM, the door locks will change state twice, and the warning jewel (LED) will go out.
- Turn the ignition switch to the off position for at least 30 seconds, until the warning jewel (LED) displays the armed flash.
- Verify the system by starting the engine.

### **Keypad Training:**

If you have replaced the BEM, or new keypads are being added to the system, you will need to train the keypad codes to the module.

#### **Procedure:**

- Turn the ignition switch to the OFF position.
- Turn the ignition switch to the ACCESSORY position & within 5 sec, operate the rear window demister switch 3 times.
- After five seconds, the door locks will change state to indicate the BEM is in learn mode. All existing keypad codes are immediately erased.
- Press either of the buttons on the keypad. The door locks will change state twice to indicate the BEM has learned the keypad.
- Repeat for each keypad. You can train the BEM to accept up to four keypads. You must teach all key pads for the 'smart lock' before proceeding.
- When you have taught all the key pads, turn the ignition switch to either OFF or IGNITION positions to leave 'learn' mode. The door locks will change state to indicate return to normal mode.
- Check the function of both buttons on each keypad that has been learned.

**NOTE: If a keypad is lost, repeat above procedure for training the replacement keypad. This will erase the codes from the BEM and prevent unauthorised entry to the car.**

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