

# *Injectronics*

## **TECHNICAL BULLETIN**

### **FORD – VARIOUS**

#T0007

**Make: Ford**

**Model: Various**

**Subject: Smart lock**

When fitting a replacement smart lock module (new or remanufactured) you need to download the electronic lock assembly codes before you can start the car.

1. Make sure ignition key is in off position and battery disconnected.
2. Connect replacement smart lock module and connect battery.
3. Turn off all accessories.
4. Ensure that the system is free from error. With the ignition turned to the off position, the warning jewel (red LED on dash) will be flashing the armed code (short flash with moderately long pause).
5. Turn the ignition switch to the run position. After a short time the warning jewel will flash the immobilised code (rapid on - off flash). Leave the ignition switch in the run position.
6. After 30 minutes the electronic lock assembly codes will download into the smart lock module, the door locks will change state twice and the warning jewel will go out and stay off.
7. Turn the ignition switch to the off position for at least 30 seconds, until the warning jewel displays the armed flash (short flash with moderately long pause).
8. Verify the system by starting the engine.

The next step is to train the keypad codes to the module.

1. The ignition switch should be in the off position and the warning jewel flashing.
2. Turn the ignition key to the accessory position and within 5 seconds, operate the boot release on the dash (tailgate unlock for wagons) switch exactly three times.
3. After the five seconds is up, the door locks will change state to indicate the smart lock module has entered learn mode. All 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 smart lock module has learned the keypad.
5. Follow step four for each keypad. You can train the smart lock module to accept up to four keypads. You must teach all keys at the same time.
6. When you have taught all the keys, turn the ignition switch to either the off or ignition position to leave 'Learn' mode. The door locks will change state to indicate return to normal mode.
7. Check the function of both buttons on each keypad that has been trained.