

LED Programming Error Codes

Module LED flashing RED during programming

- 1x - CAN error, check wiring
- 2x - VIN error, check CAN wiring
- 3x - Wrong firmware, confirm firmware flashed
- 4x - VIN error, vehicle not identified, contact support
- 5x - Immobilizer learn error, check RX/TX wiring
- 6x - KLON error, check RX/TX wiring, confirm pin positions
- 7x - KLON error, process failed, reset module and start over
- 8x - Encryption error, confirm key encryption, 80 bit detected
- 9x - Key in cylinder, remove and proceed

CARTRIDGE INSTALLATION



1 Slide cartridge into unit. Notice button under LED.

2

Ready for Module Programming Procedure.

MODULE PROGRAMMING PROCEDURE - WITH ONE OEM KEY & KLON



1 Insert key into ignition.



2 Turn key to ON position.



3 LED will turn solid RED.



4 If LED turns solid BLUE, proceed with step 13.

If LED flashes BLUE, proceed with step 5.



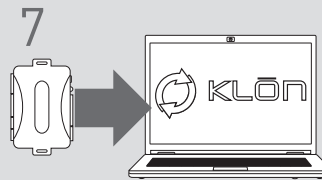
If the LED begins to flash RED/BLUE, the key has an 80-bit encryption that is not covered by KLON.



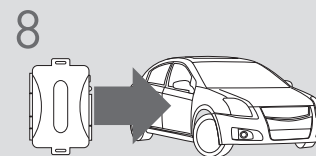
5 Turn key to OFF position.



6 **WARNING:**
Disconnect power last.
Disconnect module from vehicle.



7 Connect module to computer and proceed with extended programming.



8 **WARNING:** Do not press module programming button.
Connect power first.
Connect module to vehicle.



9 Insert key into ignition.



10 Turn key to ON position.



11 Wait, LED will turn solid BLUE for 2 seconds.



12 Turn key to OFF position.

13

Module Programming Procedure completed.

MODULE PROGRAMMING PROCEDURE - WITH TWO OEM KEYS

NOTE

I To complete this procedure, both OEM keys are required.



II Keep both OEM remotes at least 10 feet away from the vehicle.



Use both valet keys for the module programming procedure.

1 Insert key 1 into ignition.



2 Turn key 1 to ON position.



3 If LED turns solid BLUE, proceed with step 18.

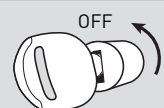


If LED turns solid RED, proceed with step 4.

4 Wait, LED will flash BLUE. (This may take up to 10 seconds.)



5 Turn key 1 to OFF position.

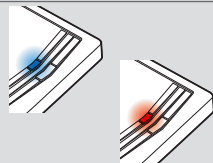


6 Turn key 1 to ON position.



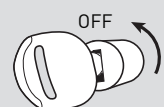
If the LED begins to flash RED, verify the RX and TX connections between the module and the vehicle.

7 If LED turns solid BLUE for 2 seconds, proceed with step 18.

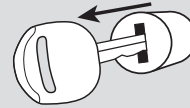


If LED turns solid RED, proceed with step 8 within 5 seconds, after LED turns OFF.

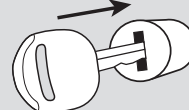
8 Turn key 1 to OFF position.



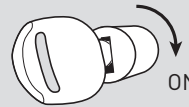
9 Remove key 1.



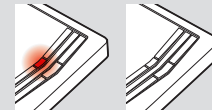
10 Insert key 2 into ignition.



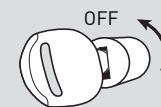
11 Turn key 2 to ON position.



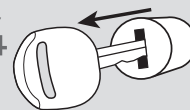
12 Wait, LED will turn solid RED then will turn OFF.



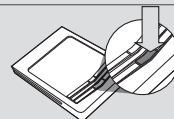
13 Turn key 2 to OFF position.



14 Remove key 2.



15 Press and release programming button.

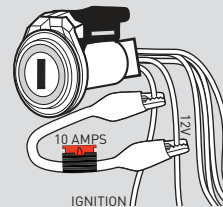


16 Remote start vehicle.



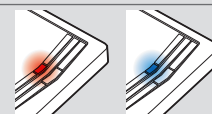
OR

Jump the ignition to 12volts.



If the LED begins to flash RED, you are using a cloned key or used the same key twice.

17 Wait, LED will turn solid RED then will turn solid BLUE.



18 Module Programming Procedure completed.