

Make	Model	Year	Install	BCM	Lights	Locks	POC 1	I/O Changes
DL-NI4 Infiniti	QX56 STD Key AT w/OEM Alarm	2005-09	Type 2	RSC	Park / Auto NI-LOCK	Type A	Hazard1/2	Green White/Blue START2/ACC

Intstall **Type 2** requires **BLADE-AL(DL-NI4)**, flash module and update the controller firmware before beginning the installation.

**I/O Changes:** Each vehicle in this installation group have different configuration requirements for proper handling of ACC and START circuit handling. Please ensure that the appropriate changes have been made before testing. **The required changes are listed below.**

**CM900S/900AS I/O Changes:**

**START2:** Set feature option **1-6-2** (starter output 10A max), connect **green/white** to **yellow** (2nd START) at configuration point [C]

**ACC:** Move CM jumper to ACC to change CN1 **blue** wire to accessory, connect to **blue** (2nd ACC) at configuration point [C]

**Optional Hazard Light Control:**

**NI-LOCK** harness **green/white** is pre-wired for hazards, connect harness wire to the controller POC1 (**green/white**), additional configuration required. Vehicles equipped with a **MOMENTARY** activation switch require that POC1 be configured for **Hazard light** (POC option #30), if the switch is **LATCHING** type you will use **Hazard light 2** (POC option #23).

**Auto-Light OFF:**

**NI-LOCK** harness **orange** is pre-wired for Auto-light shut off, if the vehicle is equipped with auto-lights connect CM REARM output (**orange**) to the **orange** wire in harness.

**D** **NI-LOCK harness configuration:** Configure Double Pulse Unlock (**feature 1-04, option 2**) Door locks are analog via the **white** 6-pin connector. Type A lock configuration is also required, connect **white** 2-pin female housing to **black** 2-pin plug [A].

**FTI-NSK1: Installation and Configuration Notes**

- A** CUT REQUIRED - INSULATE AFTER CUTTING
- B** REQUIRED CONNECTION - USE JUMPER IF NO IMMOBILIZER
- C** CONNECT AS ILLUSTRATED
- D** CONNECT AS ILLUSTRATED
- E** CONNECT AS ILLUSTRATED



FEATURE COVERAGE	
<input type="checkbox"/>	IMMOBILIZER DATA
<input type="checkbox"/>	SECURE TAKEOVER
<input type="checkbox"/>	PRIORITY UNLOCK
<input type="checkbox"/>	DOOR LOCK
<input type="checkbox"/>	DOOR UNLOCK
<input type="checkbox"/>	ARM OEM ALARM
<input type="checkbox"/>	DISARM OEM ALARM
<input type="checkbox"/>	A/M ALARM CTRL
<input type="checkbox"/>	A/M RS CONTROL
<input type="checkbox"/>	TRUNK/HATCH RELEASE
<input type="checkbox"/>	DOOR STATUS
<input type="checkbox"/>	HOOD STATUS
<input type="checkbox"/>	TRUNK STATUS
<input type="checkbox"/>	BRAKE STATUS
<input type="checkbox"/>	TACHOMETER
<input type="checkbox"/>	E-BRAKE STATUS
<input type="checkbox"/>	HAZARD LIGHTS
<input type="checkbox"/>	PARKING LIGHTS
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

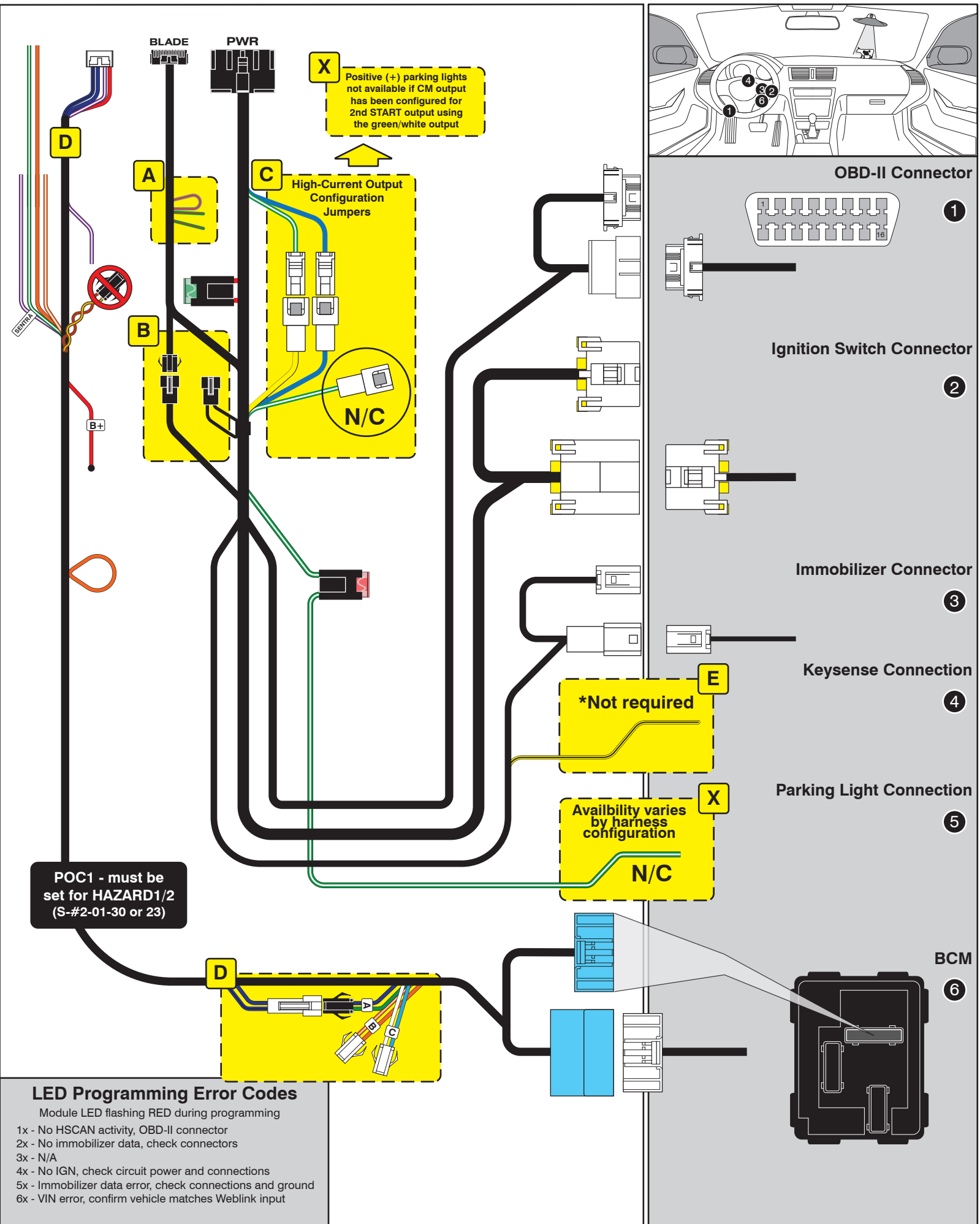
- FT-DAS Required for manual transmission.
- BOTH Red & Red/White MUST be connected with high current application.

**Jumper Setting**

CM7000/7200

CM-900S/900AS

**CM900AS/900S Jumper**



**LED Programming Error Codes**

Module LED flashing RED during programming

- 1x - No HSCAN activity, OBD-II connector
- 2x - No immobilizer data, check connectors
- 3x - N/A
- 4x - No IGN, check circuit power and connections
- 5x - Immobilizer data error, check connections and ground
- 6x - VIN error, confirm vehicle matches Weblink input

## CARTRIDGE INSTALLATION



1 Slide cartridge into unit. Notice button under LED.

2

Ready for Module Programming Procedure.

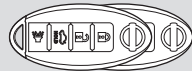
## MODULE PROGRAMMING PROCEDURE

### NOTE

I To complete this procedure, use one regular key or one valet key.

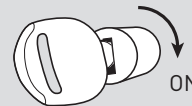


II When programming, all key fobs must be located at least 10 feet away from the vehicle.



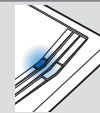
1 Insert key into ignition.

2



Turn key to ON position.

3



Wait, LED will turn solid BLUE for 2 seconds.

4



Turn key to OFF position.

5

Module Programming Procedure completed.