

Make	Model	Year	Install	BCM	Lights	Locks	POC 1	I/O Changes
DL-NI4 Nissan	Pathfinder STD Key AT w/OEM Alarm	2005-12	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.**

**CMX I/O Changes:**

**START2:** Set **HCP #1**, feature option **S-#4-1**(Default (+)Parking Light) to **Option 2 (2nd START)**, connect **green/white** to **yellow** (2nd START) at harness configuration point **[C]**

**ACC:** Set **HCP #3**, feature option **S-#4-3** (Default (+)Ignition) to **Option 4 (2nd ACC)**, connect **CN1 blue** wire 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 (**blue/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]**.

**NI-LOCK\* vehicles** require additional wiring and a relay to open the auto-light shutdown loop provided on the NI-LOCK harness.

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

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

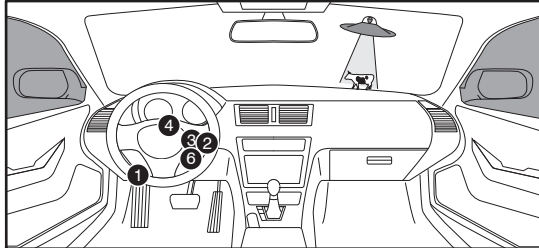
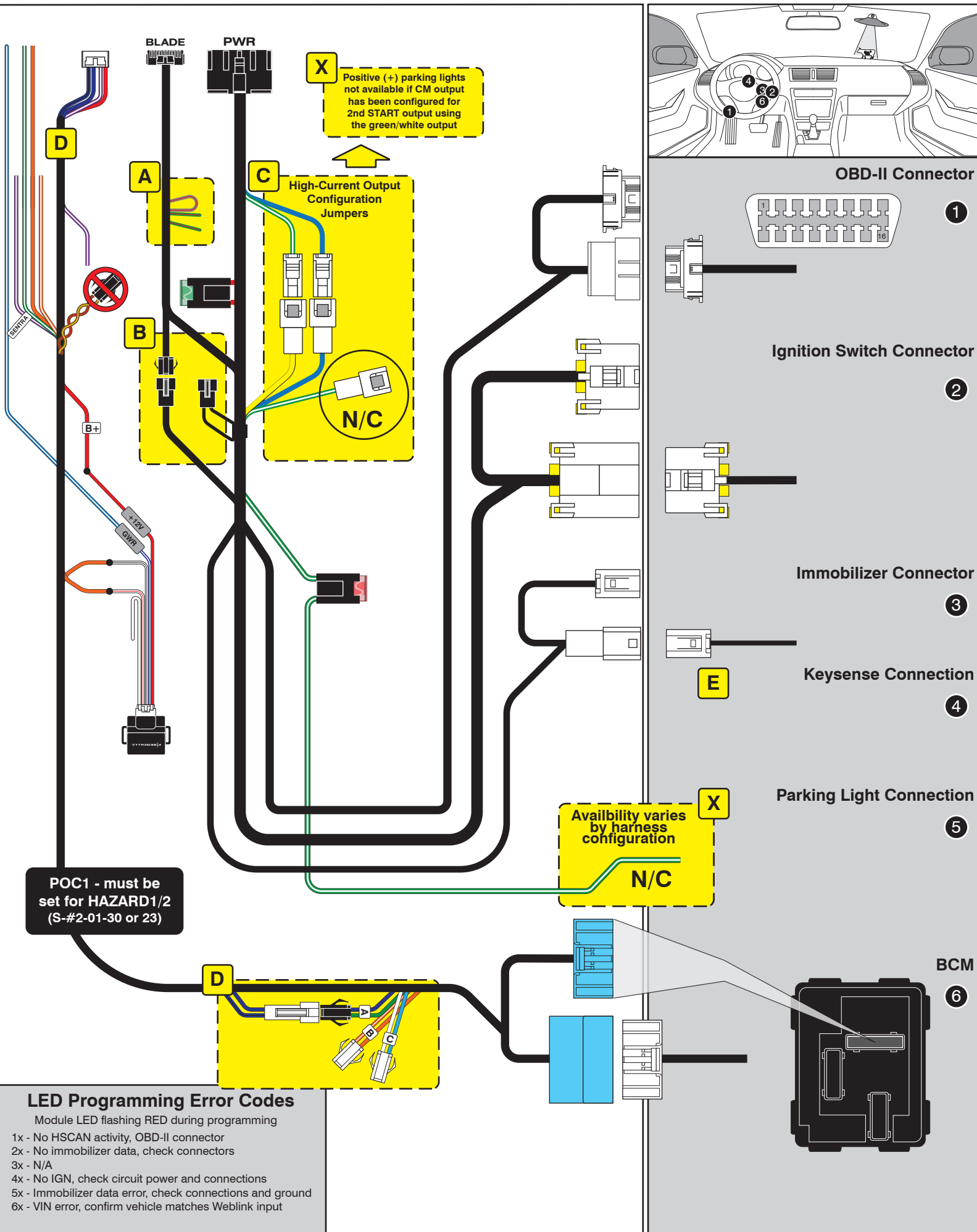
**Jumper Setting**

**CM7000/7200** Cut loop for A/T

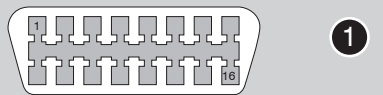
**CM-900S/900AS**

**CM900AS/900S Jumper**

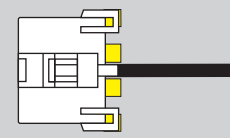
**START  
ACC  
IGN1**



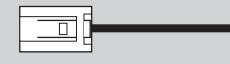
OBD-II Connector



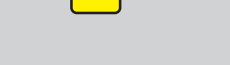
Ignition Switch Connector



Immobilizer Connector



Keysense Connection



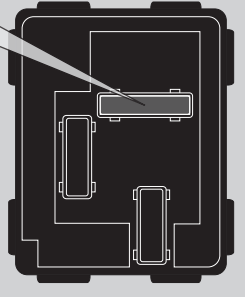
Parking Light Connection

Availability varies by harness configuration  
N/C

POC1 - must be set for HAZARD1/2 (S-#2-01-30 or 23)

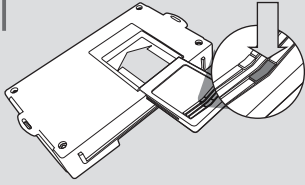
- LED Programming Error Codes**
- Module LED flashing RED during programming
- 1x - No HSCAN activity, OBD-II connector
  - 2x - No immobilizer data, check connectors
  - 3x - N/A
  - 4x - No IGN, check circuit power and connections
  - 5x - Immobilizer data error, check connections and ground
  - 6x - VIN error, confirm vehicle matches Weblink input

BCM



## CARTRIDGE INSTALLATION

1



Slide cartridge into unit. Notice button under LED.

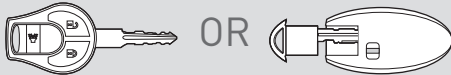
2

Ready for Module Programming Procedure.

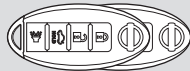
## MODULE PROGRAMMING PROCEDURE

### NOTE

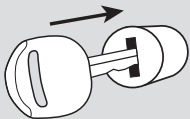
I To complete this procedure, use one regular key or one valet key.



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

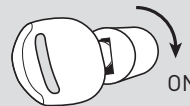


1



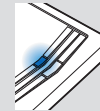
Insert key into ignition.

2



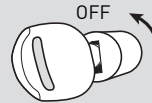
Turn key to ON position.

3



Wait, LED will turn solid BLUE for 2 seconds.

4



Turn key to OFF position.

5

Module Programming Procedure completed.