

Make	Model	Year	Install	BCM	Lights	Locks	POC 1	I/O Changes
DL-NI4 Nissan	NV3500 STD Key AT	2012-21	Type 2	BIC	Park / Auto NI-LOCK	Type A	Hazard1/2	Green White/Blue

Install **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.**

CM7000/7200 I/O Changes:

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]**.

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	
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	○
	○
	○
	○
	○
	○
	○
	○
	○
	○

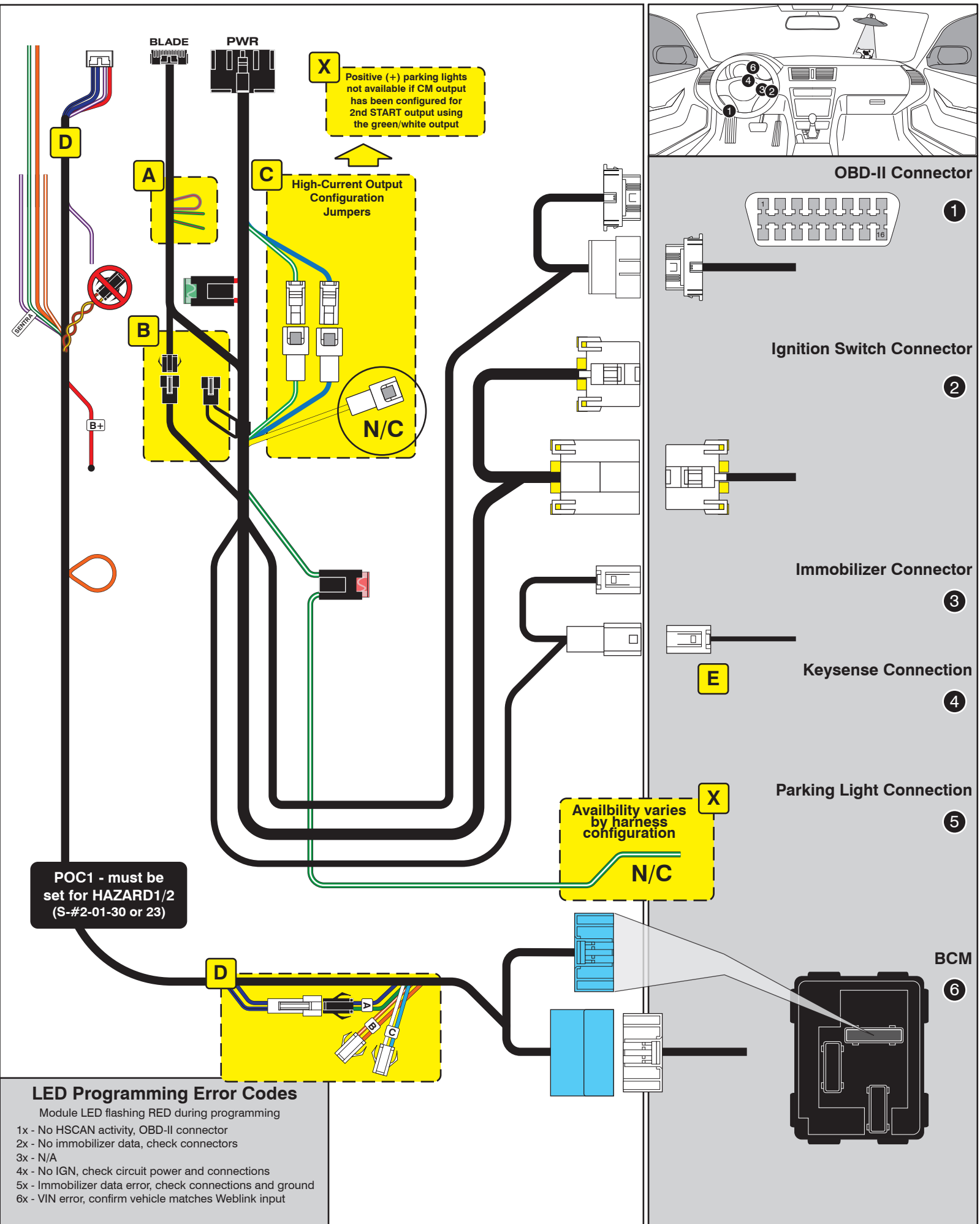
- FT-DAS Required for manual transmission.
- BOTH Red & Red/White MUST be connected with high current application.

Jumper Setting

CM7000/7200 Cut loop for A/T

CM900S/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.

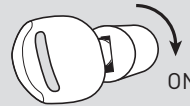


II When programming, all key fobs must be located at least 10 feet away from the vehicle.



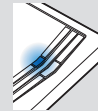
1 Insert key into ignition.

2



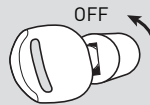
Turn key to ON position.

3



Wait, LED will turn solid BLUE for 2 seconds.

4



Turn key to OFF position.

5

Module Programming Procedure completed.