

Make	Model	Year	Install	BCM	Lights	Locks	POC 1	I/O Changes
DL-NI4 Nissan	Juke STD Key MT w/OEM Alarm	2011-18	Type 2	LSC	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.**

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

**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).

**Clutch Bypass:** M/T equipped Juke requires additional wiring and configuration to provide a clutch signal bypass. Select a POC and change its feature option setting to Option 2 (2nd START). Use the configured POC to activate a relay to provide +12V during start, to the **lt.green** wire at the clutch switch.

**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"/>	<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

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

Jumper Setting

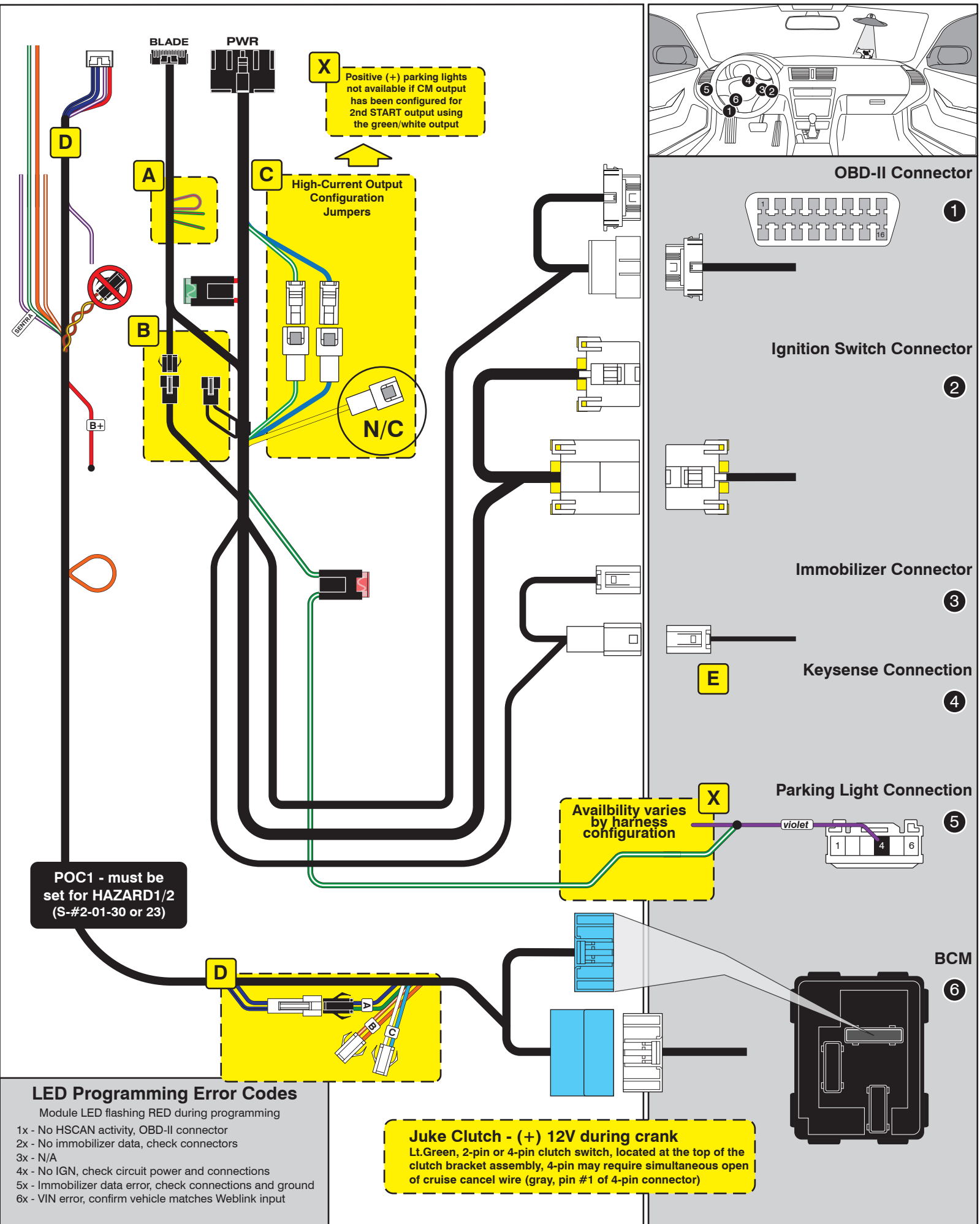
Parking Light Accessory Ignition (Default)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	(+)Door Trigger In (-)Door Trigger In (Default)
Trunk Starter Parking Light (Default)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Starter Ignition Accessory (Default)

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

**CM-900S/900AS**

CM900AS/900S Jumper

START  
ACC  
IGN1



**X** Positive (+) parking lights not available if CM output has been configured for 2nd START output using the green/white output

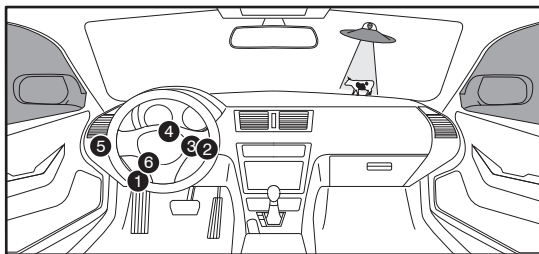
**C** High-Current Output Configuration Jumpers

**N/C**

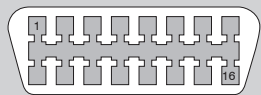
**POC1 - must be set for HAZARD1/2 (S-#2-01-30 or 23)**

**X** Availability varies by harness configuration

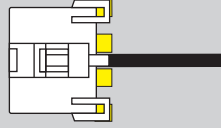
**Juke Clutch - (+) 12V during crank**  
Lt.Green, 2-pin or 4-pin clutch switch, located at the top of the clutch bracket assembly, 4-pin may require simultaneous open of cruise cancel wire (gray, pin #1 of 4-pin connector)



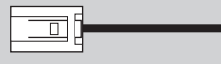
**OBD-II Connector**



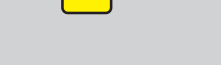
**Ignition Switch Connector**



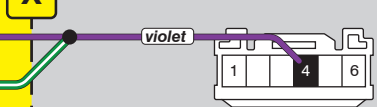
**Immobilizer Connector**



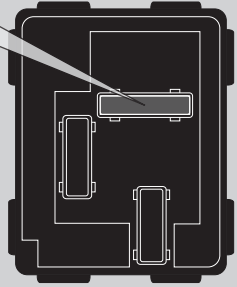
**Keysense Connection**



**Parking Light Connection**



**BCM**



**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.

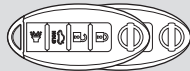
## MODULE PROGRAMMING PROCEDURE

### NOTE

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

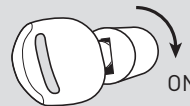


II When programming, all key fobs must be located at least 10 feet away from the vehicle.



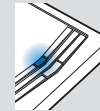
1 Insert key into ignition.

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.