

Make	Model	Year	Install	BCM	Lights	Locks	POC 1	I/O Changes
DL-NI4 Nissan	Xterra STD Key MT w/OEM Alarm	2005-15	Type 2	RSC	Park / Auto NI-LOCK*	Type A	Hazard1/2	Green White/Blue START2/ACC

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.**

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).

Clutch Bypass: M/T equipped Xterra requires additional wiring and a relay to provide the clutch signal bypass. A relay, activated by the CM **red/black** (neg start) output will be used to provide +12V during start, to the **blue** 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]**.

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																									
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								

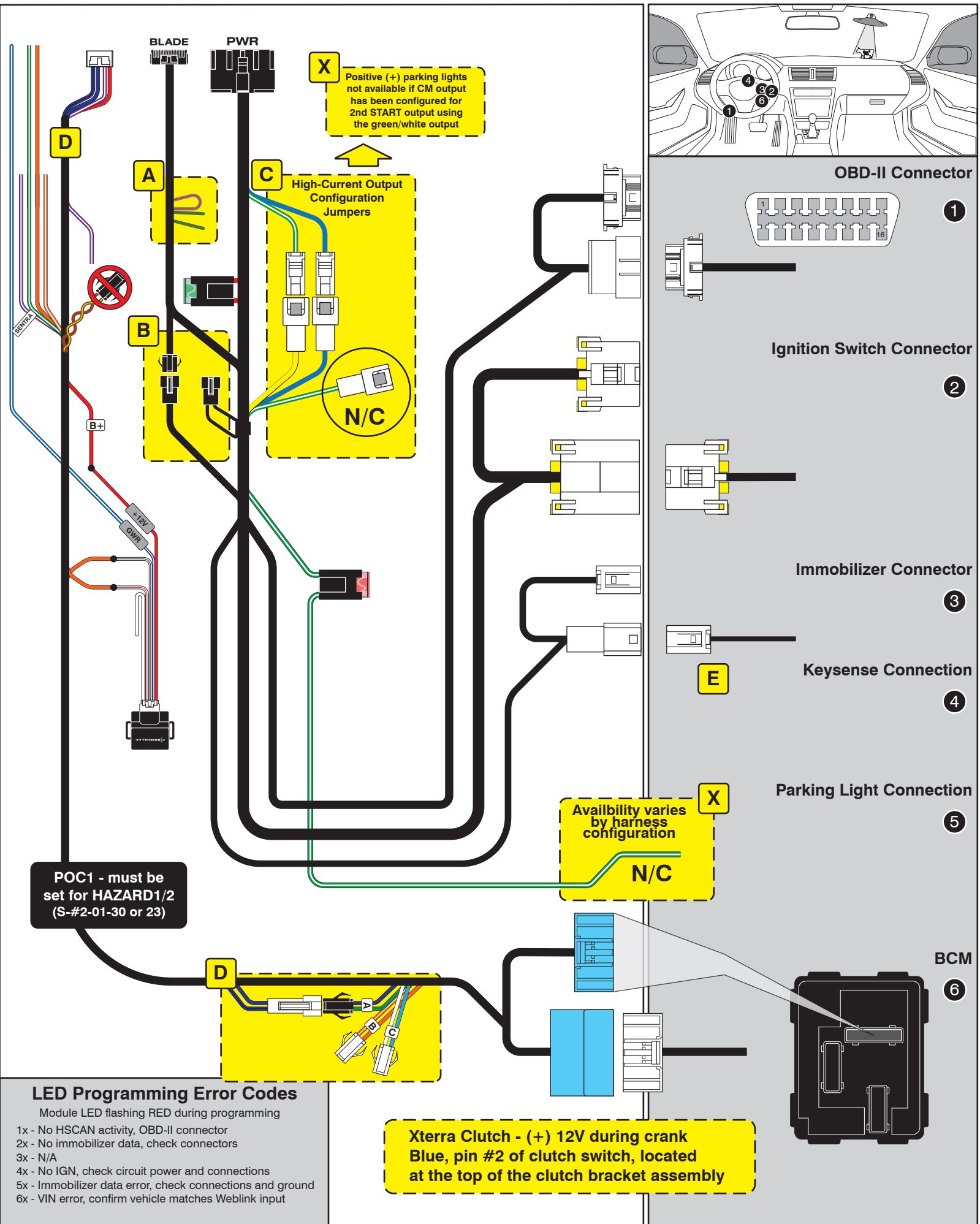
•FT-DAS Required for manual transmission.
•BOTH Red & Red/White MUST be connected with high current application.

Jumper Setting

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

CM900S/900AS

CM900AS/900S Jumper



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

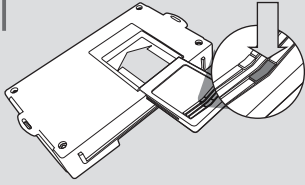
LED Programming Error Codes

- 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

**Xterra Clutch - (+) 12V during crank
Blue, pin #2 of clutch switch, located at the top of the clutch bracket assembly**

CARTRIDGE INSTALLATION

1



Slide cartridge into unit. Notice button under LED.

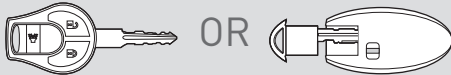
2

Ready for Module Programming Procedure.

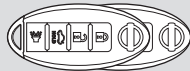
MODULE PROGRAMMING PROCEDURE

NOTE

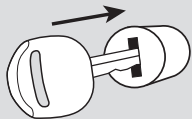
I To complete this procedure, use one regular key or one valet key.



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

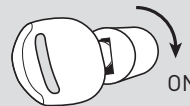


1



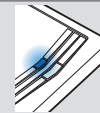
Insert key into ignition.

2



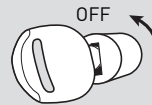
Turn key to ON position.

3



Wait, LED will turn solid BLUE for 2 seconds.

4



Turn key to OFF position.

5

Module Programming Procedure completed.