

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

Installation **Type 1** 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, controller specific, changes are listed below.

CM7000/7200 I/O Changes:

START2: Move CM jumper 3 to Starter, connect CN1 GREEN/WHITE wire to yellow 2nd START wire at configuration point [C]

ACC: Move CM jumper 2 to Accessory, connect the CN1 BLUE wire to blue ACC wire 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 **orange** wire in harness.

D **NI-LOCK harness configuration:** Configure Double Pulse Unlock (**feature 1-04, option 2**) Vehicle lock functions are handled through data, additional harness configuration is not required.

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** CUTS 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 | PRIORITY UNLOCK | DOOR LOCK | DOOR UNLOCK | ARM OEM ALARM | DISARM OEM ALARM | TRUNK/HATCH RELEASE | A/M ALARM CTRL | A/M RS CONTROL | HOOD STATUS | DOOR STATUS | TRUNK STATUS | BRAKE STATUS | E-BRAKE STATUS | TACH OUTPUT | SECURE TAKEOVER | PARKING LIGHTS | HAZARD LIGHTS |
| ○ | ○ | ○ | ○ | | | | | | | ○ | ○ | ○ | ○ | ○ | | | ○ |

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

Jumper Setting

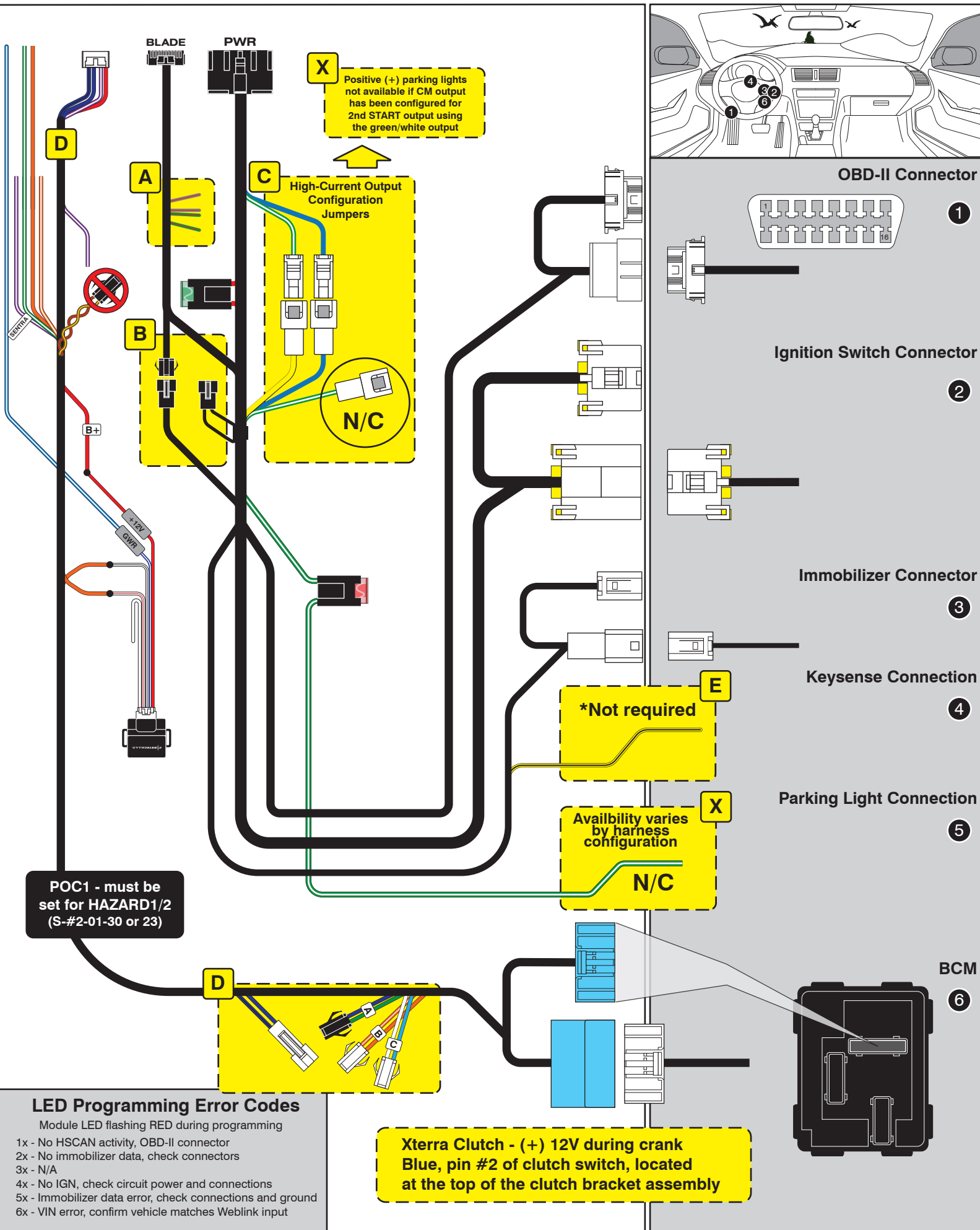
| | | | | |
|---------------|-----------|-------------------------|------------------------------|------------------------------|
| Parking Light | Accessory | Ignition (Default) | (+)Door Trigger In (Default) | (-)Door Trigger In (Default) |
| Trunk | Starter | Parking Light (Default) | Starter | Ignition |
| | | | 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)

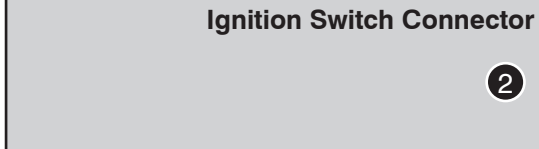
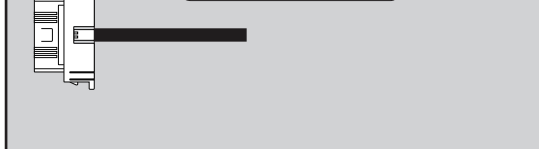
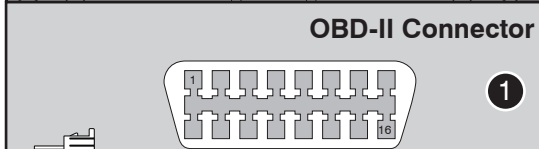
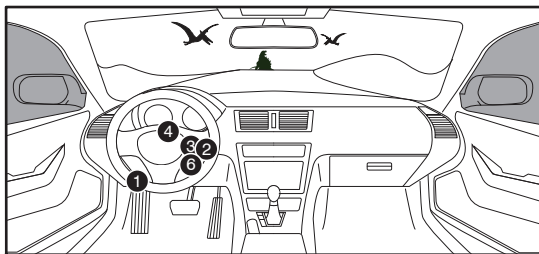
E *Not required

X Availability varies by harness configuration
N/C

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

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



1

2

3

4

5

6

OBD-II Connector

Ignition Switch Connector

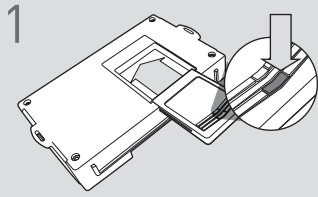
Immobilizer Connector

Keysense Connection

Parking Light Connection

BCM

CARTRIDGE INSTALLATION



1 Slide cartridge into unit. Notice button under LED.

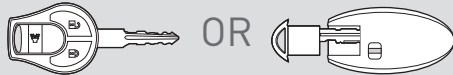
2

Ready for Module Programming Procedure.

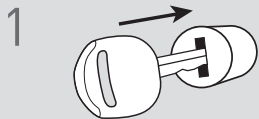
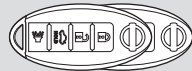
MODULE PROGRAMMING PROCEDURE

NOTE

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

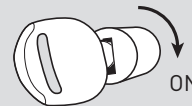


II When programming, all key fobs must be located at least 10 feet away from the vehicle.



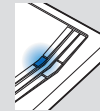
1 Insert key into ignition.

2



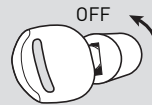
Turn key to ON position.

3



Wait, LED will turn solid BLUE for 2 seconds.

4



Turn key to OFF position.

5

Module Programming Procedure completed.