

| Make | Model | Year | Install | BCM | Lights | Locks | POC 1 | I/O Changes |
|------------------|---------------------|---------|---------|-----|------------------------|-------|-----------|--------------------------------|
| DL-NI4 Nissan | Frontier STD Key MT | 2005-19 | 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.

CM900S/900AS I/O Changes:

START2: Set feature option **1-6-2** (starter output 10A max), connect **green/white** to **yellow** (2nd START) at configuration point [C]

ACC: Move CM jumper to ACC to change CN1 **blue** wire to accessory, connect 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 (**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 Frontier 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 **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.

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 |
| ○ | ○ | ○ | ○ | | | | | | | ○ | | ○ | ○ | | | | ○ |

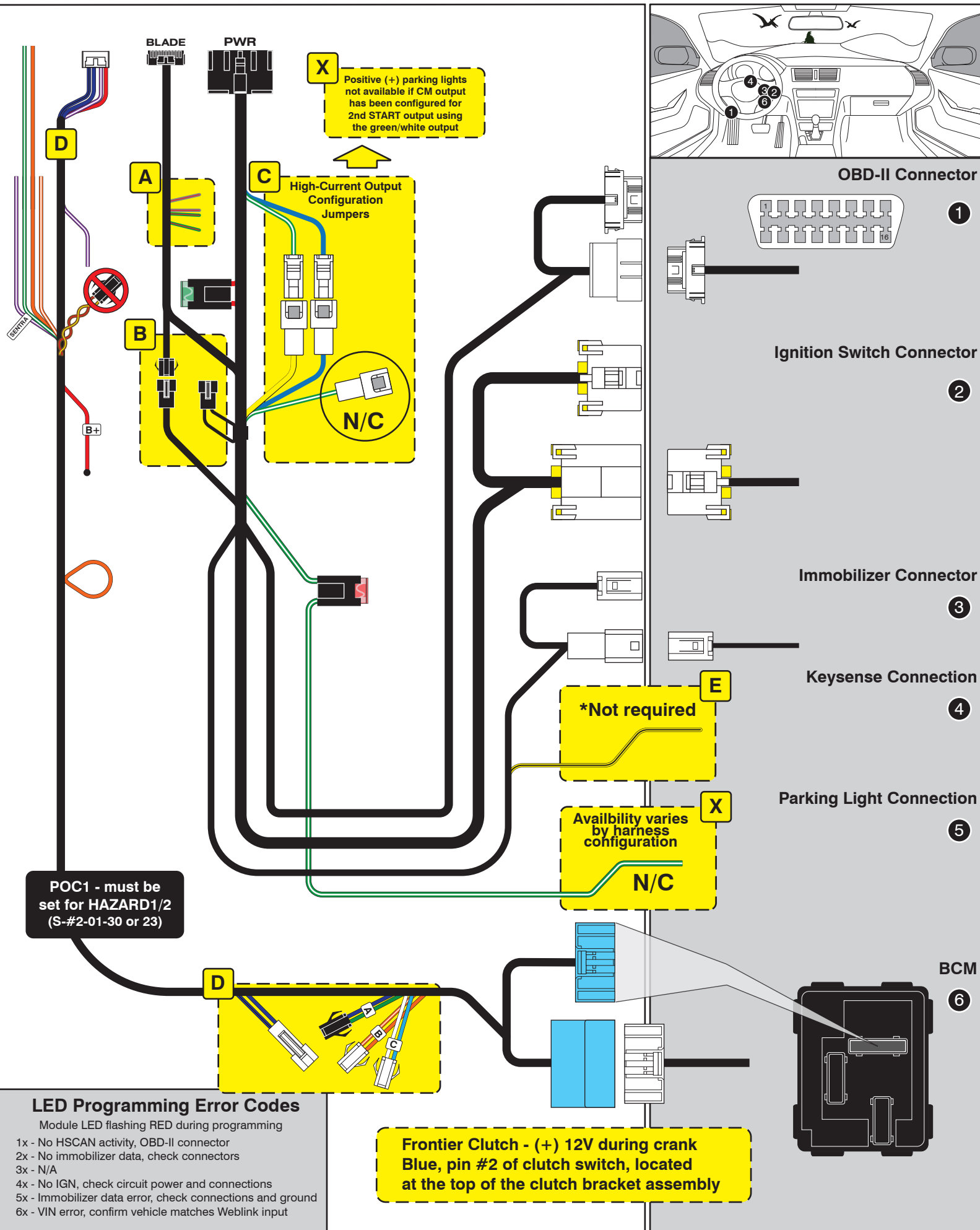
•FT-DAS Required for manual transmission.
•BOTH Red & Red/White MUST be connected with high current application.

Jumper Setting

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

CM-900S/900AS

CM900AS/900S Jumper



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.