Make	Model	Year	Install	CAN	Lights	BCM	POC	I/O Changes
DL-NI3 Nissan	Frontier Intelli-Key PTS AT	2020-21	Type 2	Type A	**Park / Auto** POC 1 Hazard1/2	RSC	See note	**Green White/Blue** None/IGN

Install Type 2 requires **BLADE-AL(DL)-NI3** firmware, flash module and update the controller firmware before installing.

CAN: The NSP2 harness, when configured for NI3 applications, does not require a specific configuration of the harness CAN connector, the NI3 CAN connections are hardwired between the *white* 14-pin connector and the Black 40-pin BCM connector.

Lights: Visual status confirmations and diagnostic information are provided via hazard lights when using the NSP2 harness.
The controller **POC1** output must be configured for one of the following settings (depending on switch type):
   * **Hazard light** [30] *momentary hazard switch*
   * **Hazard light 2 [** 23] *latching hazard switch*

POC Configuration:
CM7/CMX: **POC2 - 2nd START** [2]
              POC3 - 2nd IGN [3]

CM9:   **POC3 - (-) START**
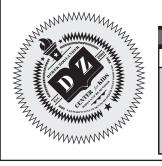   **POC4 - (-) IGNITION**

I/O Changes: Type 2 requires configuring the CN1 blue wire for IGN output, controller specific settings are listed on the next page.
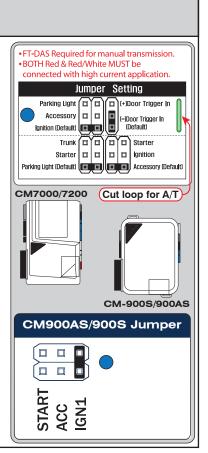

Vehicle Damage Warning:
Caution should be taken to avoid mixing up the BCM connectors, vehicle damage will result if the connectors are positioned improperly. It is advised that you make the BCM connections one at a time, confirming that each T-harness connection is at the correct BCM position before proceeding to the next connection, attempting to program, or attempting to remote start.
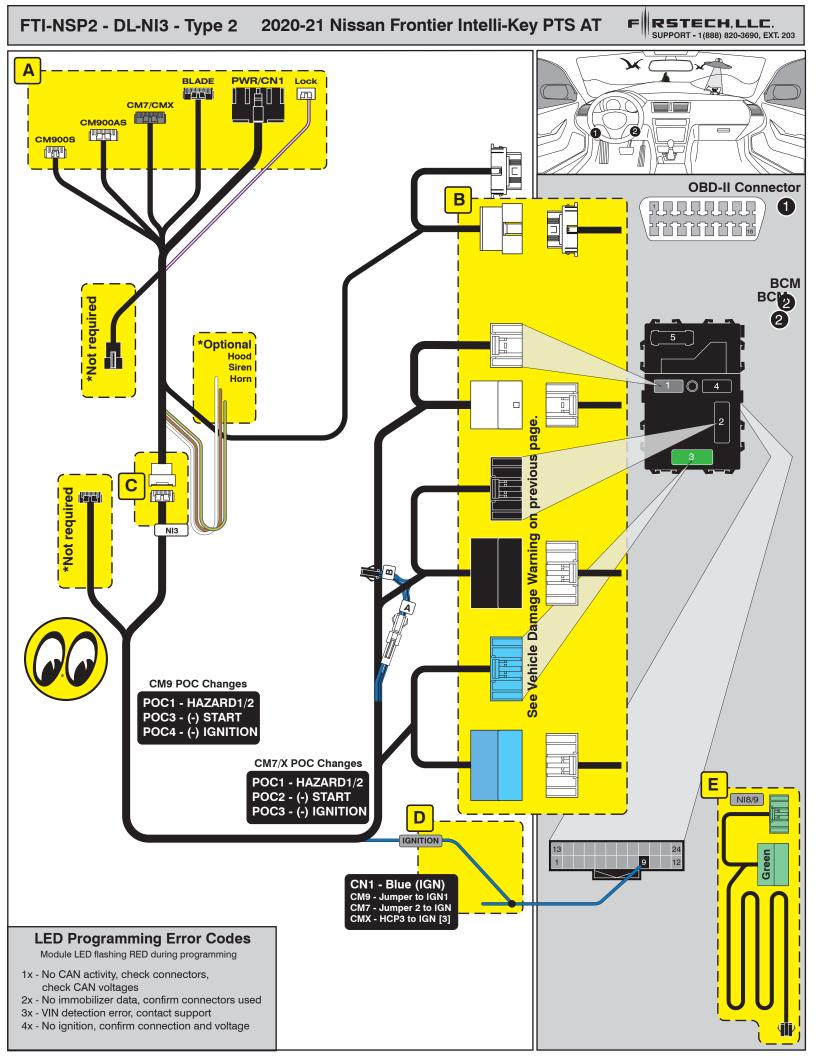

FTI-NSP2: Installation and Configuration Notes

A **REQUIRED CONNECTIONS -** SECURE UNUSED I/O CONNECTORS

B **REQUIRED CONNECTIONS -** SEE WARNING ABOVE

C **REQUIRED CONNECTION**

D **REQUIRED CONNECTION -** REQUIRES JUMPER/SETTING CONFIGURATION

E **NOT REQUIRED**

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

Jumper Setting
Parking Light / (+)Door Trigger In
Accessory / (-)Door Trigger In [Default]
Ignition [Default]
Trunk / Starter
Starter / Ignition
Parking Light [Default] / Accessory [Default]

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

CM-900S/900AS

CM900AS/900S Jumper
START ACC IGN1

FEATURE COVERAGE

IMMOBILIZER DATA	SECURE TAKEOVER	PRIORITY UNLOCK	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	POWER LIFTGATE	TRUNK/HATCH RELEASE	DOOR STATUS	HOOD STATUS	TRUNK STATUS	BRAKE STATUS	TACH OUTPUT	E-BRAKE STATUS					
●	●	●	●	●	●	●			●	●	●	●	●	●					

A

- CM900S
- CM900AS
- CM7/CMX
- BLADE
- PWR/CN1
- Lock

*Not required

*Optional
Hood
Siren
Horn

C

NI3

*Not required

B

OBD-II Connector **1**

BCM
BCM **2**
2

See Vehicle Damage Warning on previous page.

CM9 POC Changes

POC1 - HAZARD1/2
POC3 - (-) START
POC4 - (-) IGNITION

CM7/X POC Changes

POC1 - HAZARD1/2
POC2 - (-) START
POC3 - (-) IGNITION

D

IGNITION

CN1 - Blue (IGN)

CM9 - Jumper to IGN1
CM7 - Jumper 2 to IGN
CMX - HCP3 to IGN [3]

E

NI8/9

Green

LED Programming Error Codes

Module LED flashing RED during programming

1x - No CAN activity, check connectors,
    check CAN voltages
2x - No immobilizer data, confirm connectors used
3x - VIN detection error, contact support
4x - No ignition, confirm connection and voltage

INSTALL GUIDE

BLADE
SERIES
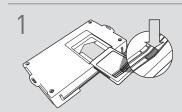
DOORLOCK INTERFACE
NISSAN/INFINITI/AND BEYOND

Patent No. US 8,856,780 CA 2759622

Page 30 of 32   COM-BLADE-AL(DL)-NI3-EN   Doc. No.: ##75297##   20210412

CARTRIDGE INSTALLATION

1	Slide cartridge into unit. Notice button under LED.
2	Ready for Module Programming Procedure.

MODULE PROGRAMMING PROCEDURE

1 x2	Push start button twice [2x] to ON position.
3 x1	Push start button once [1x] to OFF position.
2	Wait, LED will turn solid BLUE for 2 seconds.
4	Module Programming Procedure completed.

Patent No. US 8,856,780 CA 2759622

COM-BLADE-AL(DL)-NI3-EN   Doc. No.: ##75297##   20210412

PUSH TO START VEHICLE TAKE OVER PROCEDURE - TO THE VEHICLE OWNER

NOTE

I   This procedure is to be followed during remote starter runtime prior to entering vehicle.

II   All vehicle doors must be closed.

1   Press UNLOCK on after-market remote or OEM fob.

2   Open vehicle door.

Enter vehicle WITH THE OEM FOB.

Close vehicle door.

3   **OR**   Wait for the LED indicator of the push button to be in the ON position.

OR

Wait for the ORANGE LED indicator of the push button to turn on.

4   Press and release BRAKE pedal.

5   It is safe to select gear
ONLY AFTER
LED indicator is in ON position.

6   Push to Start vehicle take over procedure completed.

!   Failure to follow procedure may result in vehicle displaying CHECK ENGINE or TIRE PRESSURE error messages.