FTI-NSP3: Vehicle Coverage and Preparation Notes

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Make	Model	Year	Install	IGN	Lights	BCM	POC	I/O Changes
DL-NI3 Nissan	Frontier Intelli-Key PTS AT	2020-24	Type 2	YES	**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 NSP3 harness does not require any additional connections or special configuration of the harness for CAN data connections, the NI3 CAN connections are hardwired between the **black 20-pin** BLADE and **black 40-pin** BCM connectors.

Lights: Visual status confirmations and diagnostic information are provided via hazard lights when using the NSP3 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:
CMX: POC2 - 2nd START [2]
 POC3 - 2nd IGN [3]

CM9: POC3 - (-) START
 POC4 - (-) IGNITION
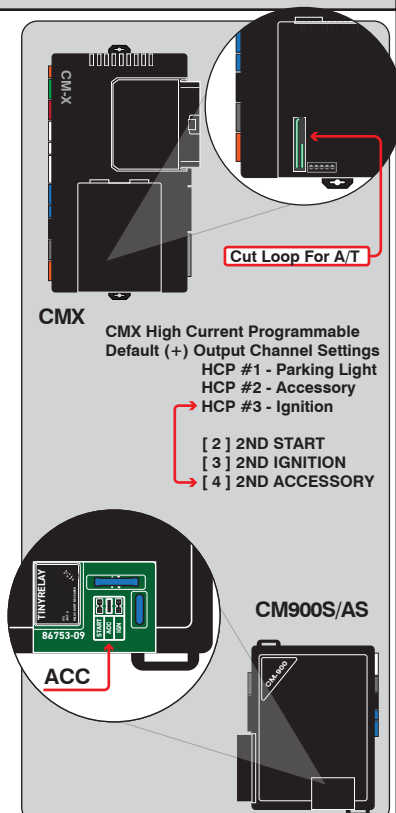
I/O Changes: Type 2 requires configuring the CN1 blue wire for ACC output, controller specific settings are listed on the next page.
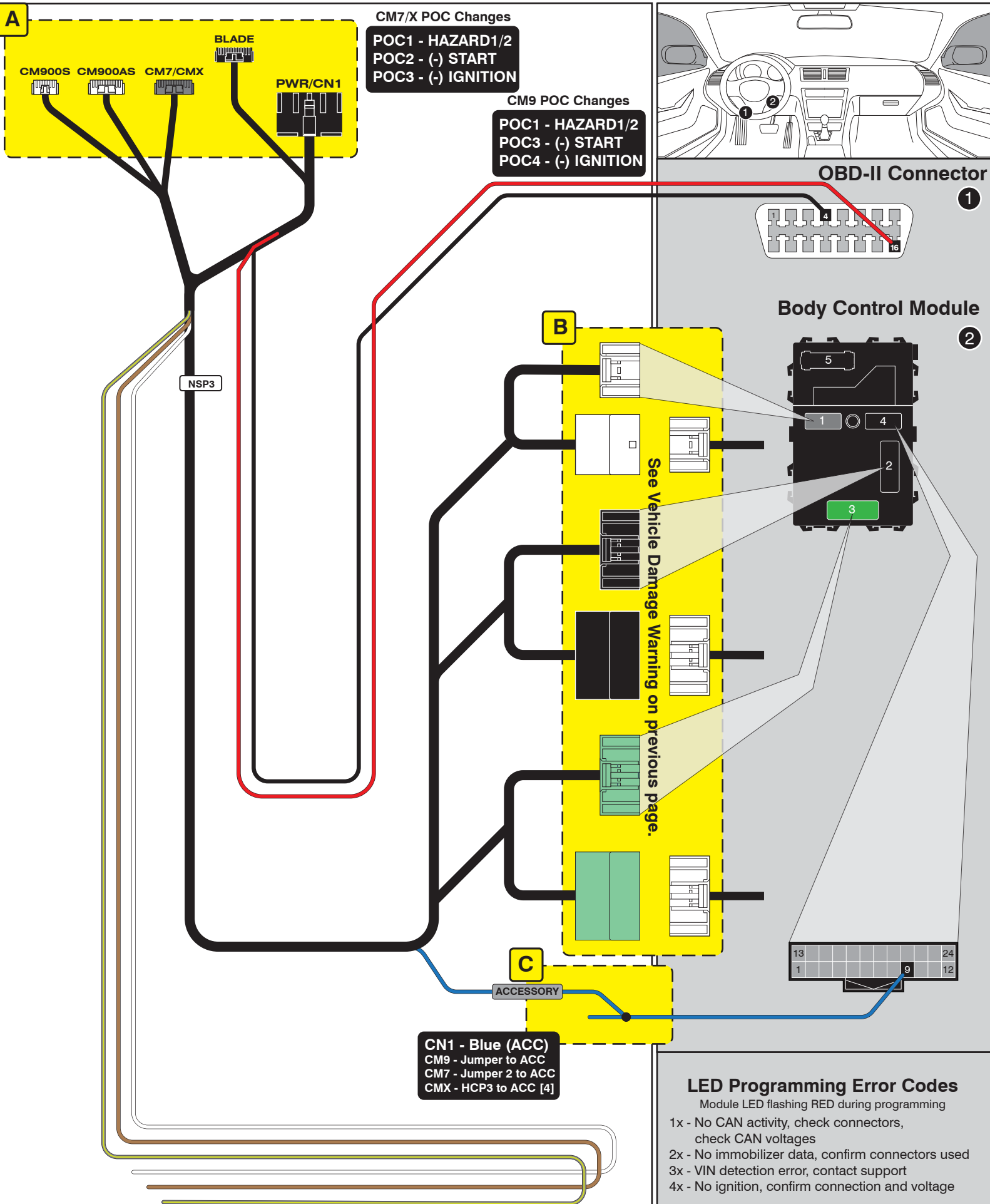

Vehicle Damage Warning:
Caution should be taken to avoid mixing up the BCM connectors, vehicle damage will result if the connectors are positioned improperly. It is advised that you make the BCM connections one at a time, confirming that each T-harness connection is at the correct BCM position before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

FTI-NSP3: Installation and Configuration Notes

A REQUIRED CONNECTIONS - SECURE UNUSED I/O CONNECTORS

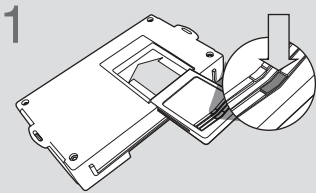**B** REQUIRED CONNECTIONS - SEE WARNING ABOVE

C REQUIRED CONNECTION

CMX

Cut Loop For A/T

CMX High Current Programmable
Default (+) Output Channel Settings
HCP #1 - Parking Light
HCP #2 - Accessory
HCP #3 - Ignition

[2] 2ND START
[3] 2ND IGNITION
[4] 2ND ACCESSORY

TINYRELAY
86753-09

ACC

CM900S/AS

FEATURE COVERAGE

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

A

CM900S   CM900AS   CM7/CMX

BLADE

PWR/CN1

CM7/X POC Changes

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

CM9 POC Changes

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

NSP3

B

See Vehicle Damage Warning on previous page.

C

ACCESSORY

CN1 - Blue (ACC)
CM9 - Jumper to ACC
CM7 - Jumper 2 to ACC
CMX - HCP3 to ACC [4]

OBD-II Connector ❶

Body Control Module ❷

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

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 ENGINE START STOP x2 — Push start button twice [2x] to ON position.
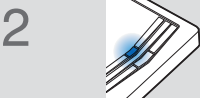
2 Wait, LED will turn solid BLUE for 2 seconds.

3 ENGINE START STOP x1 — Push start button once [1x] to OFF position.

4 Module Programming Procedure completed.

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

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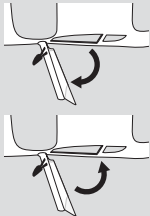
I   This procedure is to be followed during remote starter runtime prior to entering vehicle.

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.
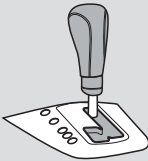
Close vehicle door.

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.