FTI-NSP2: Vehicle Coverage and Preparation Notes

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Make	Model	Year	Install	CAN	Lights	BCM	POC	I/O Changes
DL-NI8					**Park / Auto**			**Green White/Blue**
Infiniti	QX50 PTS AT	2019-21	Type 2	BCM	POC 1	DSD	Hazard 1/2	

NI8 Type 2 install requires **BLADE-AL(DL)-NI8**, flash module and update the controller firmware before installing.

CAN: CAN data is acquired from the BCM using the green harness cable.

POC1: Visual status confirmations and diagnostic information are provided by hazard light connections in the harness assembly, POC1 must be configured for either **Hazard1** (POC option #30 (momentary switch) **or Hazard2** (POC option #23 (latching switch).

Type 2 Door Locks: Connect female white 2-pin door lock connector to male black 2-pin (B) BCM jumper.

CM Unlock Configuration: Proper unlock control requires configuring the controller disarm output to double-pulse disarm. Set feature option 1-13 to setting 2 (Double Pulse).

Vehicle Damage Warning:

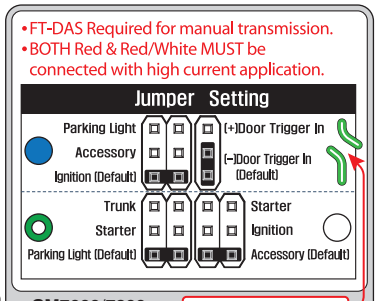
Caution should be taken to avoid mixing up the BCM connectors, vehicle damage will result if the connectors are positioned improperly. It is advised that you make the BCM connections one at a time, confirming that each T-harness connection is at the correct BCM position before proceeding to the next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

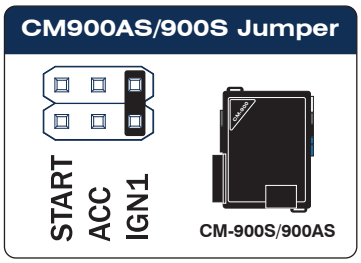
FTI-NSP2: Installation and Configuration Notes

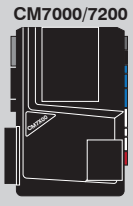
A **REQUIRED CONNECTIONS -** SECURE UNUSED I/O CONNECTORS

B **REQUIRED CONNECTIONS -** SEE WARNING ABOVE

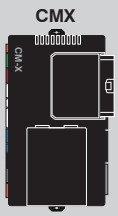
C **REQUIRED CONNECTION -** REQUIRES CONFIGURATION (Option 1-13 to 2)







Cut loop for A/T



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

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

FEATURE COVERAGE

IMMOBILIZER DATA	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	DOOR STATUS	TRUNK STATUS	BRAKE STATUS	E-BRAKE STATUS	TACH OUTPUT	SECURE TAKEOVER	HAZARD LIGHTS
○	○	○	○	○	○	○	○	○	○	○	○

FTI-NSP8 - DL-NI8 - Type 2 2019-21 Infiniti QX50 PTS AT

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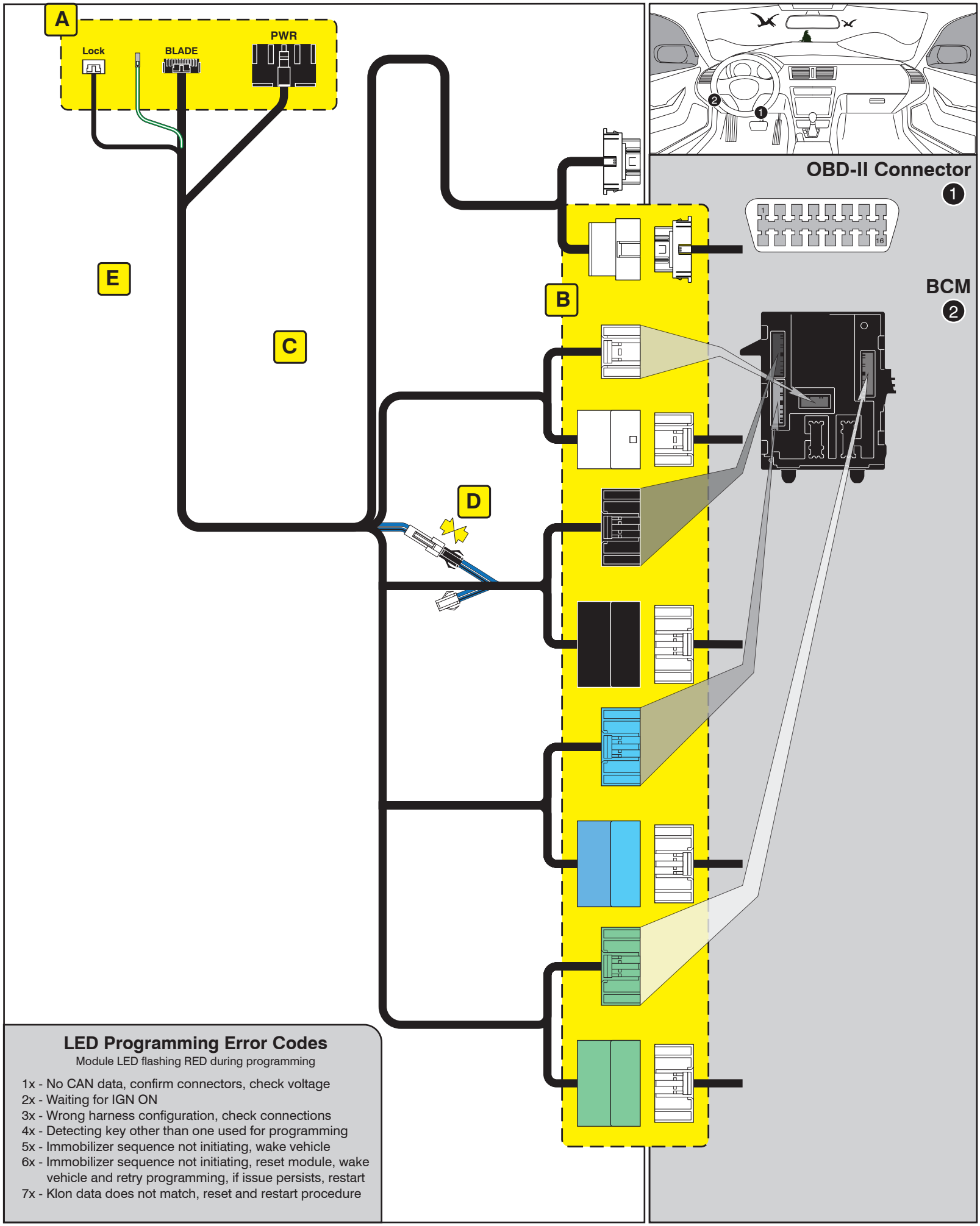


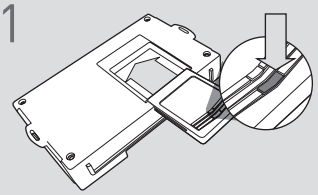
LED Programming Error Codes

Module LED flashing RED during programming

1x - No CAN data, confirm connectors, check voltage
2x - Waiting for IGN ON
3x - Wrong harness configuration, check connections
4x - Detecting key other than one used for programming
5x - Immobilizer sequence not initiating, wake vehicle
6x - Immobilizer sequence not initiating, reset module, wake vehicle and retry programming, if issue persists, restart
7x - Klon data does not match, reset and restart procedure

CARTRIDGE INSTALLATION

1



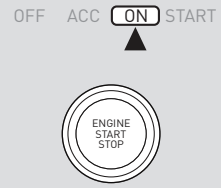
Slide cartridge into unit. Notice button under LED.

2

Ready for Module Programming Procedure.

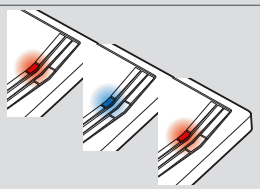
MODULE PROGRAMMING PROCEDURE

1



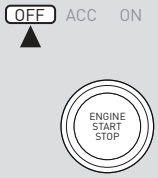
Set ignition to ON position.

2



Wait, LED will turn solid RED, then solid BLUE for 1 second, then solid RED.

3

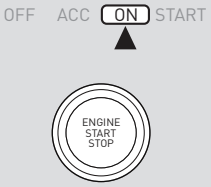


Set ignition to OFF position.

4

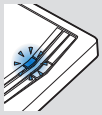
Wait, LED will turn OFF.

5



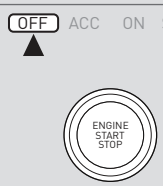
Set ignition to ON position.

6



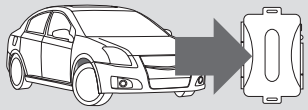
If LED flashes BLUE rapidly, proceed with step 7. If LED turns solid BLUE for 2 seconds, proceed with step 13.

7



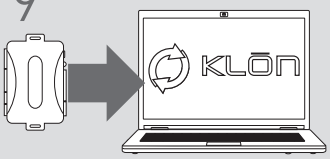
Set ignition to OFF position.

8



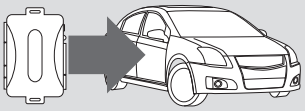
WARNING:
Disconnect power last.
Disconnect module from vehicle.

9



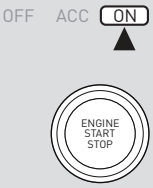
Connect module to computer and proceed with extended programming.

10



WARNING:
Connect power first.
Connect module to vehicle.

11

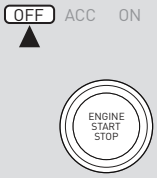


Set ignition to ON position.

12

Wait, LED will turn solid BLUE for 2 seconds.

13



Set ignition to OFF position.

14

Module Programming Procedure completed.

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WARNING: READ BEFORE REMOTE STARTING THE VEHICLE

IMPORTANT

- All vehicle doors must be closed and locked prior to remote start sequence. Failure to comply will result in remote starter malfunction.

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

NOTE

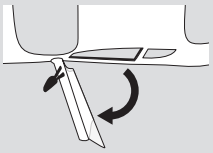
- All vehicle doors must be closed and locked prior to remote start sequence.

TIME RESTRICTION COMING UP !

1

Unlock vehicle door using OEM or after-market remote, or door request switch.

2



TIME RESTRICTION

Within 45 SECONDS from previous step:

Open vehicle door.
Enter vehicle.
Close vehicle door.

Press and release BRAKE pedal.

3

Take over procedure completed.

! Failure to follow procedure will result in vehicle engine shutdown.

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