FTI-NSP1: Vehicle Coverage and Preparation Notes

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Make	Model	Year	Install	CAN	Lights	BCM	Locks	Clutch
DL-NI6 Infiniti	M37 PTS AT	2010-13	Type 1	CAN A	RED/BLU	LSC	Type C	Clutch Assembly

Firmware: This installation requires **BLADE-AL(DL)-NI6**, flash module and update the controller firmware before installing.

NI-LOCK harness configuration:
Door locks, OEM alarm, hazard lights, and trunk connections are as illustrated, make no other connections to avoid damage.

Pre-wired in NI-LOCK harness (*green*/*white*). Vehicles equipped with **MOMENTARY** switch use POC1 set to option #30 [Hazard1], vehicles equipped with **LATCHING** switch use option #23 [Hazard2]. POC1 configuration required, unless using (+) parking lights.

RAP Shutdown: Pre-wired in the harness from BLADE output, connect to driver's door pin at the 15-pin connector of the BCM.

Parking Lights: (+) Parking lights are located in the driver's kick panel, wire colors vary by model, locations are as indicated.

NI-LOCK Trunk/Hatch Release: Connect only when indicated, most NI6 vehicles include firmware coverage of the feature, only when specifically indicated is it necessary to make an analog connection, or when the feature is available but the firmware fails to provide the necessary control. *Feature not available in the Nissan Cube.*

FTI-NSP1: Installation and Configuration Notes

A CONNECTION REQUIRED - CONFIGURE AS ILLUSTRATED

B CONNECTION REQUIRED

C CONNECTION REQUIRED

D CONNECTION REQUIRED

E CONNECTION 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	DOOR LOCK	DOOR UNLOCK	DISARM OEM ALARM	A/M ALARM CTRL FROM OEM REMOTE	A/M RS CONTROL FROM OEM REMOTE	POWER LIFTGATE	POWER SLIDING DOOR (L)	POWER SLIDING DOOR (R)	TRUNK/HATCH RELEASE	DOOR STATUS	HOOD STATUS	TRUNK STATUS	BRAKE STATUS	TACH OUTPUT	E-BRAKE STATUS		PARKING LIGHTS	HAZARD LIGHTS
●	●	●	●	●	●	●				●	●	●	●	●	●	●		🟢	●

Lock **BLADE** **PWR**
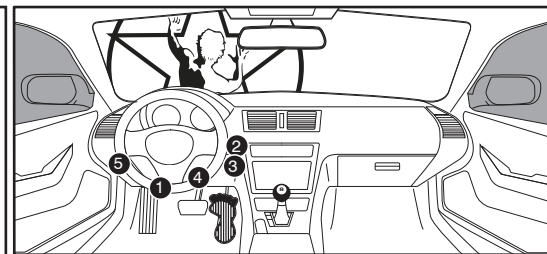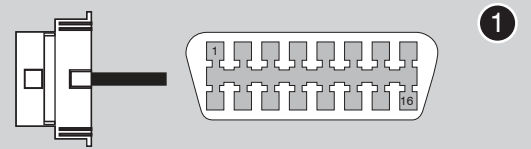
A

B

C

Brake 1/2 connections provide the brake status signal required for remote start.

Connect BRAKE 1/2 harness to vehicle and test for brake status output, secure the connection that provides brake status to the harness, then secure the unused connector.
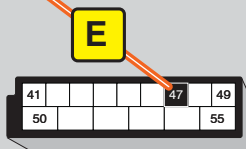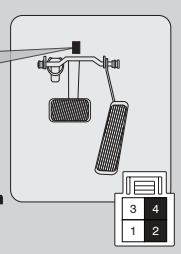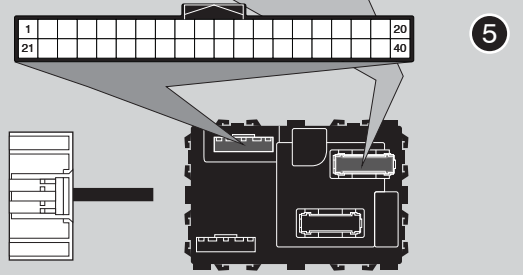
SENTRA

B+

READ THIS

D

***Not Required NI5 PTS/IMMO**

M37 PTS - *red/blue*
White 12-pin connector, pin #4

E

A

C
B
A

A

OBD-II Connector ❶

PTS Button ❷

LOCK   ACC   ON
START
STOP
ENGINE

Immobilizer Connector ❸

1   4

Brake Light Switch ❹

3 4
1 2

BCM ❺

| 41 | | 47 | 49 |
| 50 | | | 55 |

| 1 | | | | | 20 |
| 21 | | | | | 40 |

LED Programming Error Codes

Module LED flashing RED during programming

1x - CAN error, confirm connections
2x - No PTS signal, check connections
3x - No IGN, check voltage at OBD-II
4x - No brake status, check connections
5x - No immobilizer data, only one key
6x - No brake, connections
7x - No brake, connections
8x - No immobilizer data
9x - Different key in use
10x - No PTS signal

11x - No immobilizer data
12x - Klon error, redo with doors closed
13x - No ignition

CARTRIDGE INSTALLATION
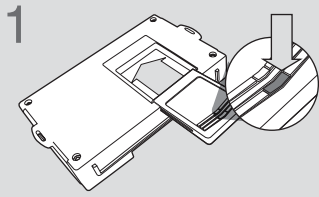
1 Slide cartridge into unit. Notice button under LED.

2 Ready for Module Programming Procedure.

MODULE PROGRAMMING PROCEDURE - WITH KLON - 1 OF 2

NOTE

I   When programming, only one key fob will be used. The other one must be located at least 10 feet away from the vehicle.
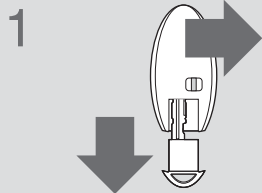
1 Remove valet key from keyfob 1.
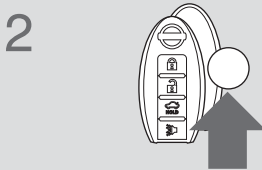
2 Remove battery from keyfob 1.
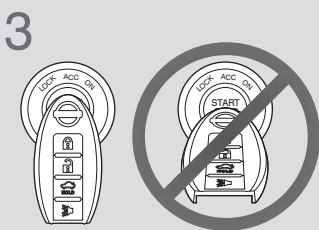
3 Place and hold keyfob 1 on push start button. (No battery)

Keyfob transponder is located behind keyfob logo.

! IMPORTANT: Place and hold keyfob 1 on push start button for steps 3 to 10.

x2   Push start button twice [2x] to ON position.
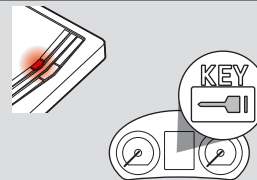
5 LED will turn solid RED. Wait 12 seconds or until the security light flashes. (The security light may not appear.)

6 AT: Press and release brake pedal once [1x].

MT: Press and release both brake and clutch pedals at the same time, once [1x].
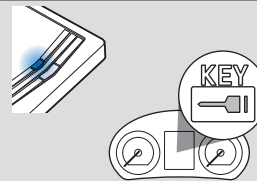
7 LED will turn solid BLUE. Wait 12 seconds or until the security light flashes. (The security light may not appear.)
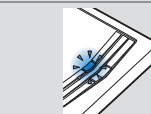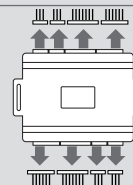
8 AT: Press and release brake pedal once [1x].

MT: Press and release both brake and clutch pedals at the same time, once [1x].

9 Wait, LED will flash BLUE rapidly.

10 x1   Push start button once [1x] to OFF position.

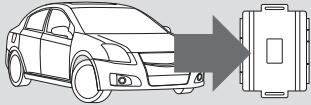**11** Disconnect all connectors from remote starter except the power connector.

⬇ IMPORTANT: READ NEXT PAGE !

BLADE
S E R I E S

Patent No. US 8,856,780 CA 2759622

COM-BLADE-AL(DL)-NI6-EN   Doc. No.:   ##75321## 20210414

MODULE PROGRAMMING PROCEDURE - WITH KLON - 2 OF 2

12 Disconnect the power connector.

13 Remove remote starter from vehicle.
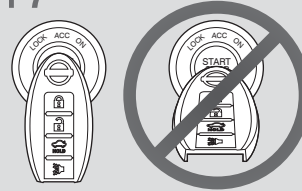
14 Connect remote starter to computer.

15 Proceed with extended programming.

16 Connect remote starter to vehicle.

17 Place and hold keyfob 1 on push start button. (No battery)

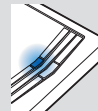Keyfob transponder is located behind keyfob logo.

Wait until the security light turns OFF.

! IMPORTANT: Place and hold keyfob 1 on push start button for steps 17 to 20.

18 x2 Push start button twice [2x] to ON position.

19 Wait, LED will turn solid BLUE for 2 seconds.

20 x1 Push start button once [1x] to OFF position.

21 Module Programming Procedure completed.

INSTALL GUIDE

BLADE SERIES

DOORLOCK INTERFACE
NISSAN/INFINITI

Patent No. US 8,856,780 CA 2759622

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WARNING: READ BEFORE REMOTE STARTING THE VEHICLE

IMPORTANT

l   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

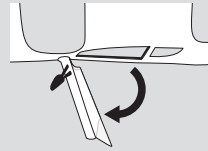l   All vehicle doors must be closed and locked prior to remote start sequence.

⬇ **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.