# FTI-NSP1: Vehicle Coverage and Preparation Notes



| Make               | Model      | Year    | Install | CAN   | Lights | ВСМ | Locks  | Clutch          |  |
|--------------------|------------|---------|---------|-------|--------|-----|--------|-----------------|--|
| DL-NI5<br>Infiniti | G37 PTS AT | 2009-13 | Type1   | CAN A | RED    | PKP | Type B | Clutch Assembly |  |
|                    |            |         |         |       |        |     |        |                 |  |

Type 1 installation requires **BLADE-AL(DL)-NI5** firmware, flash module and update the controller before installing.

NI-LOCK harness configuration: Lock connections for Intelli-key vehicles are type B, secure unused connectors for safety.

Optional Hazard Light Control: NI-LOCK harness hazard provision (green/white) is not compatible with this vehicle.

**RAP Shutdown:** Pre-wired in NI-LOCK harness to driver's door pin at BCM, connect **CM POC** configured for RAP to *orange/white* wire in **NI-LOCK** harness.

**PARKING LIGHTS:** Positive parking lights are available at the rear of the fuse junction panel, connector E103/106/6, pin #9, colors\* vary by year and model, test circuit behavior to confirm light activity.

NI-LOCK/NI5 Behavior and wiring options: NI-LOCK accessory harness is capable of providing connection to ARM & DISARM (lock A, B, or C), RAP (org/wht), and HAZARD (grn/wht) connections in a single connector at the BCM.



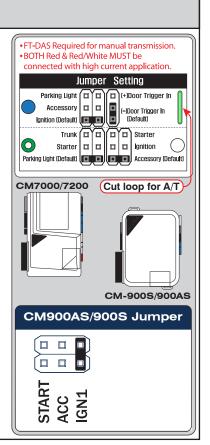
NI5 firmware is capable of providing control over the factory alarm, automatically disarming the alarm when remote start is engaged, by providing ignition and immobilizer data emulating key presence. The alarm will disarm when needed but will not rearm at the end of a remote start session, so this must also be considered. No additional arm/disarm wiring is required, but upon a normal unlock using aftermarket remotes the instrument cluster will illuminate as a result of ignition activity. If this activity is an issue, mandatory connection of the arm/disarm wires at the BCM is required, as well as using the circuit jumper in note [B] of the installation diagram.

## FTI-NSP1: Installation and Configuration Notes

- A CONNECTION REQUIRED SEE BRAKE 1/2 NOTE ON NEXT PAGE
- B NOT REQUIRED SEE FIRMWARE NOTE ABOVE
- C REQUIRED CONNECTION
- D CONFIGURE AND CONNECT AS ILLUSTRATED
- E OPTIONAL CONNECTION



| FEATURE COVERAGE |                 |           |             |                  |                |                |                        |             |             |              |              |              |                |  |  |  |  |  |
|------------------|-----------------|-----------|-------------|------------------|----------------|----------------|------------------------|-------------|-------------|--------------|--------------|--------------|----------------|--|--|--|--|--|
| 0                | 0               | 0         | 0           | 0                | 0              | 0              | 0                      | 0           | 0           | 0            | 0            | 0            | 0              |  |  |  |  |  |
| IMMOBILIZER DATA | SECURE TAKEOVER | DOOR LOCK | DOOR UNLOCK | DISARM OEM ALARM | A/M ALARM CTRL | A/M RS CONTROL | TRUNK/HATCH<br>RELEASE | DOOR STATUS | HOOD STATUS | TRUNK STATUS | BRAKE STATUS | твасн оптрит | E-BRAKE STATUS |  |  |  |  |  |

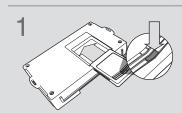




Patent No. US 8,856,780 CA 2759622

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### **CARTRIDGE INSTALLATION**



Slide cartridge into unit. Notice button under LED.

2

Ready for Module Programming Procedure.

## MODULE PROGRAMMING PROCEDURE

#### NOTE

When programming, only one key fob will be used. The other one must be located at least 10 feet away from the vehicle.





Insert keyfob 1 in keyport.



2 START STAR

DO NOT PRESS BRAKE PEDAL

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

3

Wait, LED will turn solid BLUE for 2 seconds

4 START STOP X1

DO NOT PRESS BRAKE PEDAL

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

5

Module Programming Procedure completed.



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## WARNING: READ BEFORE REMOTE STARTING THE VEHICLE

#### **IMPORTANT**

I 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

I 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.



#### 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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