FTI-NSP1: Vehicle Coverage and Preparation Notes

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Make	Model	Year	Install	CAN	Lights	BCM	Locks	Clutch
DL-NI5								**Clutch Assembly**
Nissan	Altima Sedan PTS AT	2009-12	Type1	CAN A	RED/BLU	BIC	Type B	

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.

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 fuse junction panel red/blue in the 10-pin connector, pin #8.

NI-LOCK/NI5 Behavior and wiring options: NI-LOCK accessory harness is capable of providing connection to **ARM & DISARM *(lock A, B, or C)*, and RAP *(org/wht)***.

READ THIS

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

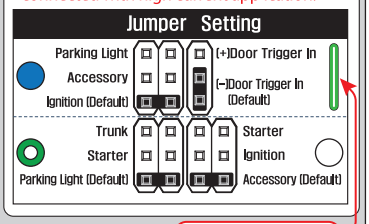
B NOT REQUIRED - SEE FIRMWARE NOTE ABOVE

C REQUIRED CONNECTION

D CONFIGURE AND CONNECT AS ILLUSTRATED

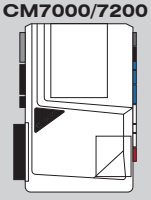
E REQUIRED CONNECTION

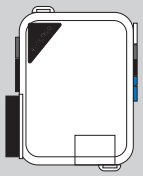
- FT-DAS Required for manual transmission.
- BOTH Red & Red/White MUST be connected with high current application.



CM7000/7200

Cut loop for A/T





CM-900S/900AS

CM900AS/900S Jumper

FEATURE COVERAGE

IMMOBILIZER DATA	SECURE TAKEOVER	DOOR LOCK	DOOR UNLOCK	DISARM OEM ALARM	A/M ALARM CTRL	A/M RS CONTROL	TRUNK/HATCH RELEASE	DOOR STATUS	HOOD STATUS	TRUNK STATUS	BRAKE STATUS	TRACH OUTPUT	E-BRAKE STATUS
○	○	○	○	○	○	○	○	○	○	○	○	○	○

FTI-NSP1 - DL-NI5 - Type 1 2009-12 Nissan Altima Sedan PTS AT

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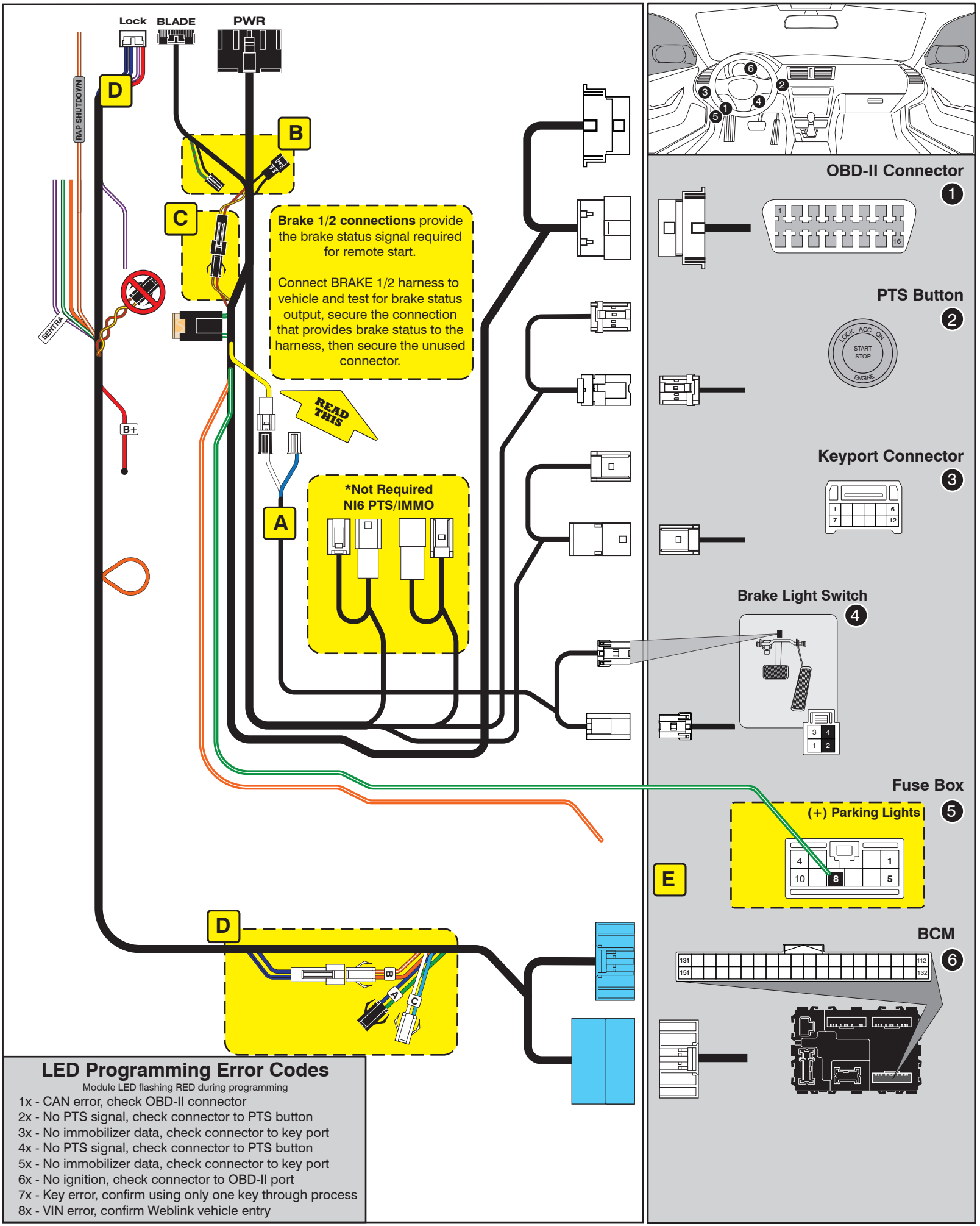


OBD-II Connector 1

PTS Button 2

Keyport Connector 3

Brake Light Switch 4

Fuse Box 5

E

BCM 6

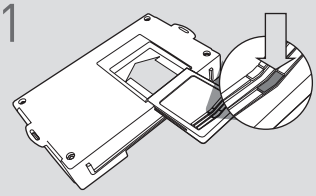
LED Programming Error Codes

Module LED flashing RED during programming

1x - CAN error, check OBD-II connector
2x - No PTS signal, check connector to PTS button
3x - No immobilizer data, check connector to key port
4x - No PTS signal, check connector to PTS button
5x - No immobilizer data, check connector to key port
6x - No ignition, check connector to OBD-II port
7x - Key error, confirm using only one key through process
8x - VIN error, confirm Weblink vehicle entry

CARTRIDGE INSTALLATION

1



Slide cartridge into unit. Notice button under LED.

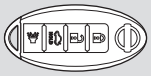
2

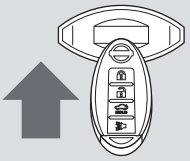
Ready for Module Programming Procedure.

MODULE PROGRAMMING PROCEDURE

NOTE

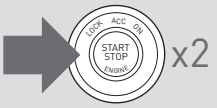
I When programming, only one key fob will be used. The other one must be located at least 10 feet away from the vehicle.





Insert keyfob 1 in keyport.

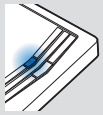
2



DO NOT PRESS BRAKE PEDAL

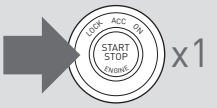
Push start button twice [2x] to ON position.

3



Wait, LED will turn solid BLUE for 2 seconds.

4



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

- 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

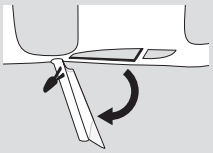
- All vehicle doors must be closed and locked prior to remote start sequence.

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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