FTI-NSK1: Vehicle Coverage and Preparation Notes

CMX Series Guide

FIRSTECH, LLC.
SUPPORT - 1(888) 820-3690, EXT. 203

Make	Model	Year	Install	BCM	Lights	Locks	POC 1	I/O Changes
DL-NI4					**Park / Auto**			**Green White/Blue**
Nissan	Altima STD Key MT	2005-06	Type 1	DKP	NI-LOCK*	DATA	Hazard1/2	START2

Installation **Type 1** requires **BLADE-AL(DL)-NI4**, flash module and update the controller firmware before beginning the installation.

I/O Changes: Each vehicle in this installation group have different configuration requirements for proper handling of ACC and START circuit handling. Please ensure that the appropriate changes have been made before testing.
The required, controller specific, changes are listed below.

CMX I/O Changes:

START2: Set **HCP #1**, feature option **S-#4-1**(Default (+)Parking Light) to **Option 2 (2nd START)**, connect ***green*/*white*** to ***yellow*** (2nd START) at harness configuration point **[C]**

Optional Hazard Light Control:
NI-LOCK harness ***green*/*white*** is pre-wired for hazards, connect harness wire to the controller POC1 (***blue*/*white***), additional configuration required. Vehicles equipped with a MOMENTARY activation switch require that POC1 be configured for **Hazard light** (POC option #30), if the switch is LATCHING type you will use **Hazard light 2** (POC option #23).

Clutch Bypass: M/T equipped Altima requires additional wiring to provide the clutch signal bypass. The CM ***red*/*black*** (neg start) output can be used to provide a ground signal during start, to the ***green*/*red*** wire at the clutch switch.

Auto-Light OFF:
NI-LOCK harness ***orange*** is pre-wired for Auto-light shut off, if the vehicle is equipped with auto-lights connect CM REARM output (***orange***) to ***orange*** wire in harness.

D

NI-LOCK harness configuration: Configure Double Pulse Unlock **(feature 1-04, option 2)** Vehicle lock functions are handled through data, additional harness configuration is not required.

NI-LOCK* vehicles require additional wiring and a relay to open the auto-light shutdown loop provided on the NI-LOCK harness.

FTI-NSK1: Installation and Configuration Notes

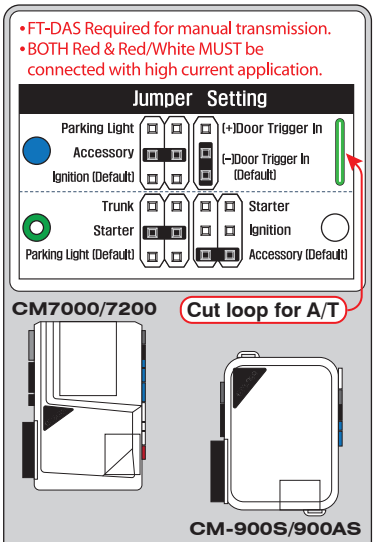
A CUTS REQUIRED - INSULATE AFTER CUTTING

B REQUIRED CONNECTION - USE JUMPER IF NO IMMOBILIZER

C CONNECT AS ILLUSTRATED

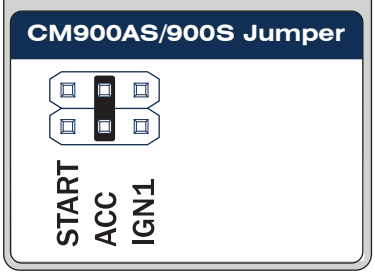
D CONNECT AS ILLUSTRATED

E CONNECT AS ILLUSTRATED



FEATURE COVERAGE

IMMOBILIZER DATA	PRIORITY UNLOCK	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	TRUNK/HATCH RELEASE	A/M ALARM CTRL	A/M RS CONTROL	HOOD STATUS	DOOR STATUS	TRUNK STATUS		BRAKE STATUS	E-BRAKE STATUS	TACH OUTPUT			SECURE TAKEOVER	PARKING LIGHTS	HAZARD LIGHTS	
○	○	○	○			○				○			○	○					○	○	



FTI-NSK1 - DL-NI4 - Type 1 2005-06 Nissan Altima STD Key MT

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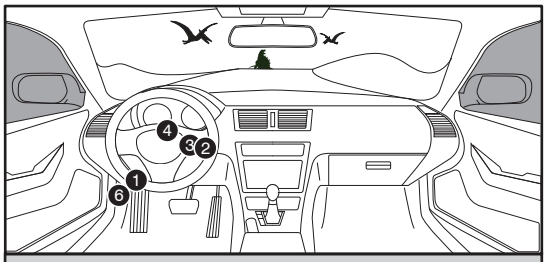


BLADE

PWR

X Positive (+) parking lights not available if CM output has been configured for 2nd START output using the green/white output

A

B

C High-Current Output Configuration Jumpers

N/C

D

SENTRA

B+

+12V

GWR

E *Not required

X Availbility varies by harness configuration

N/C

POC1 - must be set for HAZARD1/2 (S-#2-01-30 or 23)

D

A

B

C

OBD-II Connector

1

Ignition Switch Connector

2

Immobilizer Connector

3

Keysense Connection

4

Parking Light Connection

5

BCM

6

LED Programming Error Codes

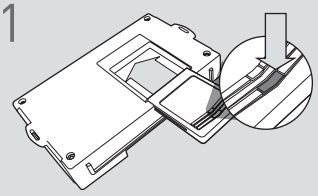
Module LED flashing RED during programming

1x - No HSCAN activity, OBD-II connector
2x - No immobilizer data, check connectors
3x - N/A
4x - No IGN, check circuit power and connections
5x - Immobilizer data error, check connections and ground
6x - VIN error, confirm vehicle matches Weblink input

Altima Clutch - (-) ground during crank Green/red, pin #1 of clutch switch, located at the top of the clutch bracket assembly

Patent No. US 8,856,780 CA 2759622

CARTRIDGE INSTALLATION

1 

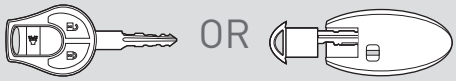
Slide cartridge into unit. Notice button under LED.

2 Ready for Module Programming Procedure.

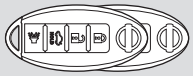
MODULE PROGRAMMING PROCEDURE

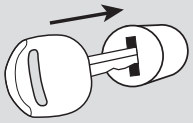
NOTE

I To complete this procedure, use one regular key or one valet key.

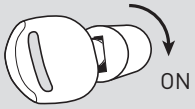


II When programming, all key fobs must be located at least 10 feet away from the vehicle.



1 

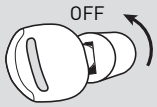
Insert key into ignition.

2 

Turn key to ON position.

3 

Wait, LED will turn solid BLUE for 2 seconds.

4 

Turn key to OFF position.

5 Module Programming Procedure completed.