

RSTECH,LLC.
SUPPORT - 1(888) 820-3690, EXT. 20

Make	Model	Year	Install	BCM Lights		Locks	POC 1	I/O Changes	
DL-NI4					Park / Auto			Green White/Blue	
Nissan	Frontier STD Key MT	2005-19	Type 2	RSC	NI-LOCK	Type A	Hazard1/2	START2/ACC	
	w/OEM Alarm								

Intstall Type 2 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 appropritate changes have been made before testing. The required changes are listed below.

CM7000/7200 I/O Changes:

START2: Move CM jumper 3 to Starter, connect CN1 GREEN/WHITE wire to yellow 2nd START wire at configuration point [C]

ACC: Move CM jumper 2 to Accessory, connect the CN1 BLUE wire to blue ACC wire at 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 Frontier requires additional wiring and a relay to provide the clutch signal bypass. A relay, activated by the CM red/black (neg start) output will be used to provide +12V during start, to the blue 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 the orange wire in harness.

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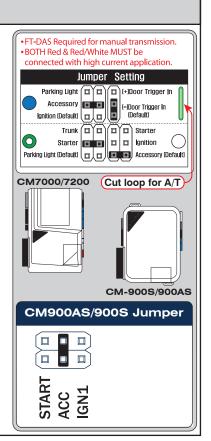
NI-LOCK harness configuration: Configure Double Pulse Unlock (feature 1-04, option 2) Door locks are analog via the white 6-pin connector. Type A lock configuration is also required, connect white 2-pin female housing to black 2-pin plug [A].

FTI-NSK1: Installation and Configuration Notes

- **CUT REQUIRED** INSULATE AFTER CUTTING
- REQUIRED CONNECTION USE JUMPER IF NO IMMOBILIZER
- CONNECT AS ILLUSTRATED
- CONNECT AS ILLUSTRATED
- CONNECT AS ILLUSTRATED



	FEATURE COVERAGE																			
0			0	0	0	0				0	0	0	0	0	0	0	0			
IMMOBILIZER DATA	SECURE TAKEOVER	PRIORITY UNLOCK	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	A/M ALARM CTRL	A/M RS CONTROL	TRUNK/HATCH RELEASE	DOOR STATUS	HOOD STATUS	TRUNK STATUS	BRAKE STATUS	TACHOMETER	E-BRAKE STATUS	HAZARD LIGHTS	PARKING LIGHTS			



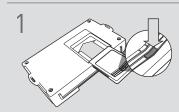
FTI-NSK1 - DL-NI4 - Type 2 F#RSTECH,LLC. 2005-19 Nissan Frontier STD Key MT w/OEM Alarm SUPPORT - 1(888) 820-3690, EXT. 203 BLADE Positive (+) parking lights not available if CM output has been configured for 2nd START output using the green/white output **OBD-II Connector High-Current Output** Configuration **Jumpers Ignition Switch Connector** 2 **Immobilizer Connector** (3) **Keysense Connection** Ε **Parking Light Connection** Availbility varies by harness configuration N/C POC1 - must be set for HAZARD1/2 (S-#2-01-30 or 23) **BCM** 6 **LED Programming Error Codes** Module LED flashing RED during programming 1x - No HSCAN activity, OBD-II connector Frontier Clutch - (+) 12V during crank 2x - No immobilizer data, check connectors Blue, pin #2 of clutch switch, located 3x - N/A 4x - No IGN, check circuit power and connections at the top of the clutch bracket assembly 5x - Immobilizer data error, check connections and ground 6x - VIN error, confirm vehicle matches Weblink input



Patent No. US 8,856,780 CA 2759622

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CARTRIDGE INSTALLATION



Slide cartridge into unit. Notice button under LED.

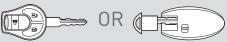
2

Ready for Module Programming Procedure.

MODULE PROGRAMMING PROCEDURE

NOTE

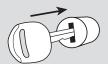
I To complete this procedure, use one regular key or one valet key



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



1



Insert key into ignition.

2 () on

Turn key to ON position.

3

Wait, LED will turn solid BLUE for 2 seconds.



Turn key to OFF position.

5

Module Programming Procedure completed.