FIRSTECH FTI-NSP2 Vehicle Preparation and Coverage Installation Guide

Contents

FTI-NSP2 Vehicle Preparation and Coverage

Product Usage Instructions

- When connecting the harness, follow these guidelines:
- CAN: The NSP2 harness is pre-configured for NI3 applications.
- Lights: Use hazard lights for visual status confirmation.
- POC Configuration: Configure POC1 output based on switch type.
- I/O Changes: No configuration is needed for Type 3 CN1 blue wire.

Exercise caution to avoid damaging the vehicle during installation. Connect BCM connectors one at a time, ensuring correct positioning before proceeding.

FTI-NSP2: Vehicle Coverage and Preparation Notes

Make	Model	Year	Install	CAN	Lights	BCM	POC	I/O Changes
DL-NI3 Nissan	Murano Intelli-Key PTS AT	2015-24	Type 3	Type A	Park / Auto POC 1 Hazard1/2	BIC	See note	Green White/Blue None/None

- Install Type 3 requires BLADE-AL(DL)-NI3 firmware, flash module, and update the controller firmware before installing.
- CAN: The NSP2 harness, when configured for NI3 applications, does not require a specific configuration of the harness CAN connector, the NI3 CAN connections are hardwired between the white 14-pin connector and the Black 40-pin BCM connector.
- Lights: Visual status confirmations and diagnostic information are provided via hazard lights when using the NSP2 harness.
- The controller POC1 output must be configured for one of the following settings (depending on the switch type):
- Hazard light [30] momentary hazard switch
- Hazard light 2 [23] latching hazard switch

POC Configuration

- CM7/CMX: POC2 – 2nd START [2] POC3 – 2nd IGN [3]
- CM9: POC3 – (-) START POC4 – (-) IGNITION

I/O Changes: Type 3 requires no configuration of the CN1 blue wire, make no connection or configuration

changes.

Vehicle Damage Warning

Caution should be taken to avoid mixing up the BCM connectors, vehicle damage will result if the connectors are positioned improperly. It is advised that you make the BCM connections one at a time, confirming that each T-harness connection is at the correct BCM position before proceeding to the next connection, attempting to program, or attempting to remote start.

Installation and Configuration

FTI-NSP2: Installation and Configuration Notes

A: REQUIRED CONNECTIONS – SECURE UNUSED I/O CONNECTORS
B: REQUIRED CONNECTIONS – SEE WARNING ABOVE
C: REQUIRED CONNECTION
D: NO CONNECTION
E: NOT REQUIRED

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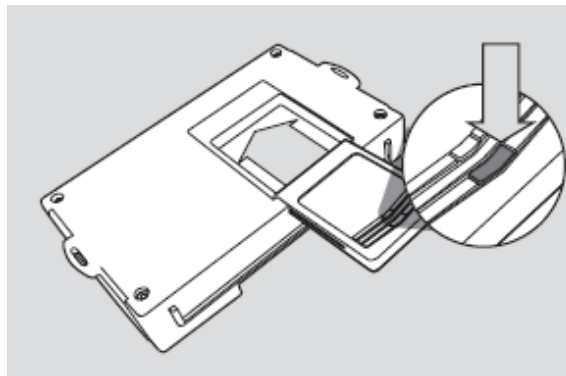- BOTH Red & Red/White MUST be connected with high current application.

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 | PRIORITY UNLOCK | DOOR LOCK | DOOR UNLOCK | ARM OEM ALARM | DISARM OEM ALARM | POWER LIFTGATE | TRUNK/HATCH RELEASE | DOOR STATUS | HOOD STATUS | TRUNK STATUS | BRAKE STATUS | TACH OUTPUT | E-BRAKE STATUS

FTI-NSP2 – DL-NI3 – Type 3 2015-24 Nissan Murano Intelli-Key PTS AT

LED Programming Error Codes

Module LED flashing RED during programming

- 1x – No CAN activity, check connectors, check CAN voltages
- 2x – No immobilizer data, confirm connectors used
- 3x – VIN detection error, contact support
- 4x – No ignition, confirm connection and voltage

CARTRIDGE INSTALLATION

1. Slide the cartridge into the unit. Notice the button under the LED.

2. Ready for Module Programming Procedure.

MODULE PROGRAMMING PROCEDURE

1. Push the start button twice [2x] to the ON position.
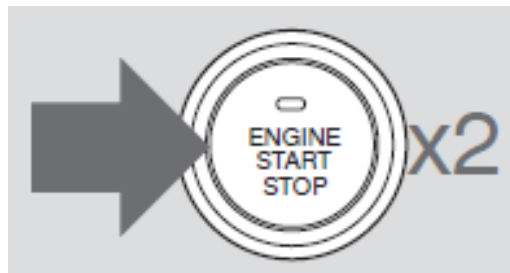
2. Wait, the LED will turn solid BLUE for 2 seconds.
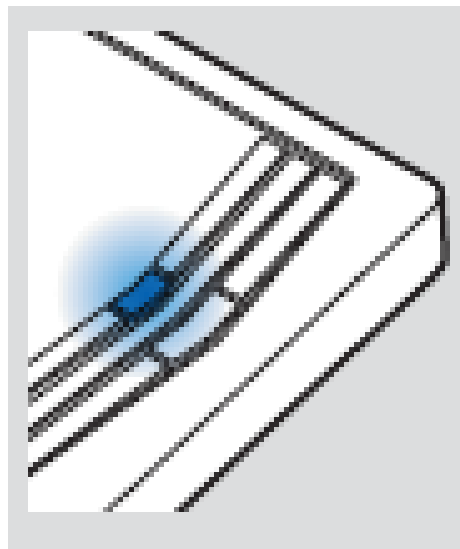
3. Push the start button once [1x] to the OFF position.
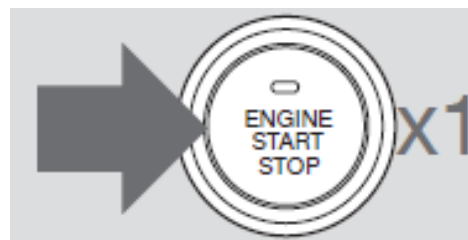
4. Module Programming Procedure completed.

PUSH TO START VEHICLE TAKEOVER PROCEDURE – TO THE VEHICLE OWNER

NOTE
This procedure is to be followed during remote starter runtime before entering the vehicle.
All vehicle doors must be closed.

1. Press UNLOCK on the after-market remote or OEM fob.

2. Open the vehicle door.

   Enter the vehicle WITH THE OEM FOB.

   Close the vehicle door.

3.
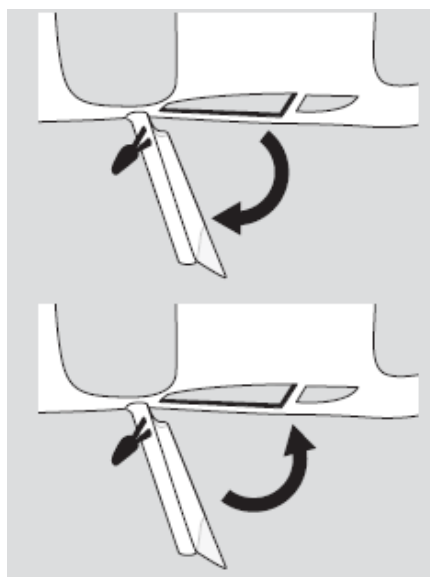
   Wait for the LED indicator of the push button to be in the ON position.
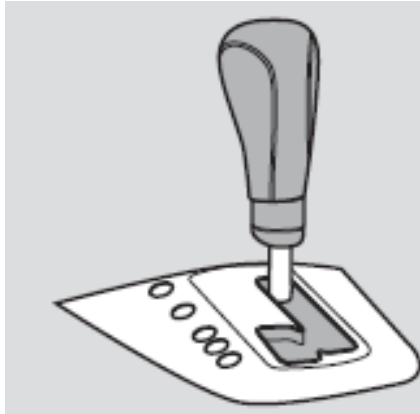
   OR

   Wait for the ORANGE LED indicator of the push button to turn on.

4. Press and release the BRAKE pedal.

5. It is safe to select gear ONLY AFTER LED indicator is in the ON position.

6. Push to Start vehicle takeover procedure completed.

ℹ️ Failure to follow procedure may result in a vehicle displaying CHECK ENGINE or TIRE PRESSURE error messages.

CONTACT

- Patent No. US 8,856,780 CA 2759622

Documents / Resources

FIRSTECH FTI-NSP2 Vehicle Preparation and Coverage [pdf] Installation Guide
FTI-NSP2 Vehicle Preparation and Coverage, FTI-NSP2, Vehicle Preparation and Coverage, Preparation and Coverage, Coverage

References