

| Make | Model | Year | Install | BCM | Lights | Locks | POC 1 | I/O Changes |
|------------------|---------------------------|---------|---------|-----|-------------------------|-------|-----------|------------------|
| DL-NI4 Nissan | Pathfinder Intelli-Key AT | 2008-12 | Type 3 | RSC | Park / Auto NI-LOCK* | DATA | Hazard1/2 | Green White/Blue |

Intstall **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 changes are listed below.**

Intelli-Key Wiring: Additional wiring and relay are required. See page 3 of this document for additional location and interface requirements.

CM7000/7200 I/O Changes:

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).

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 | RAP SHUTDOWN | BRAKE STATUS | E-BRAKE STATUS | TACH OUTPUT | SECURE TAKEOVER | PARKING LIGHTS | HAZARD LIGHTS |

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

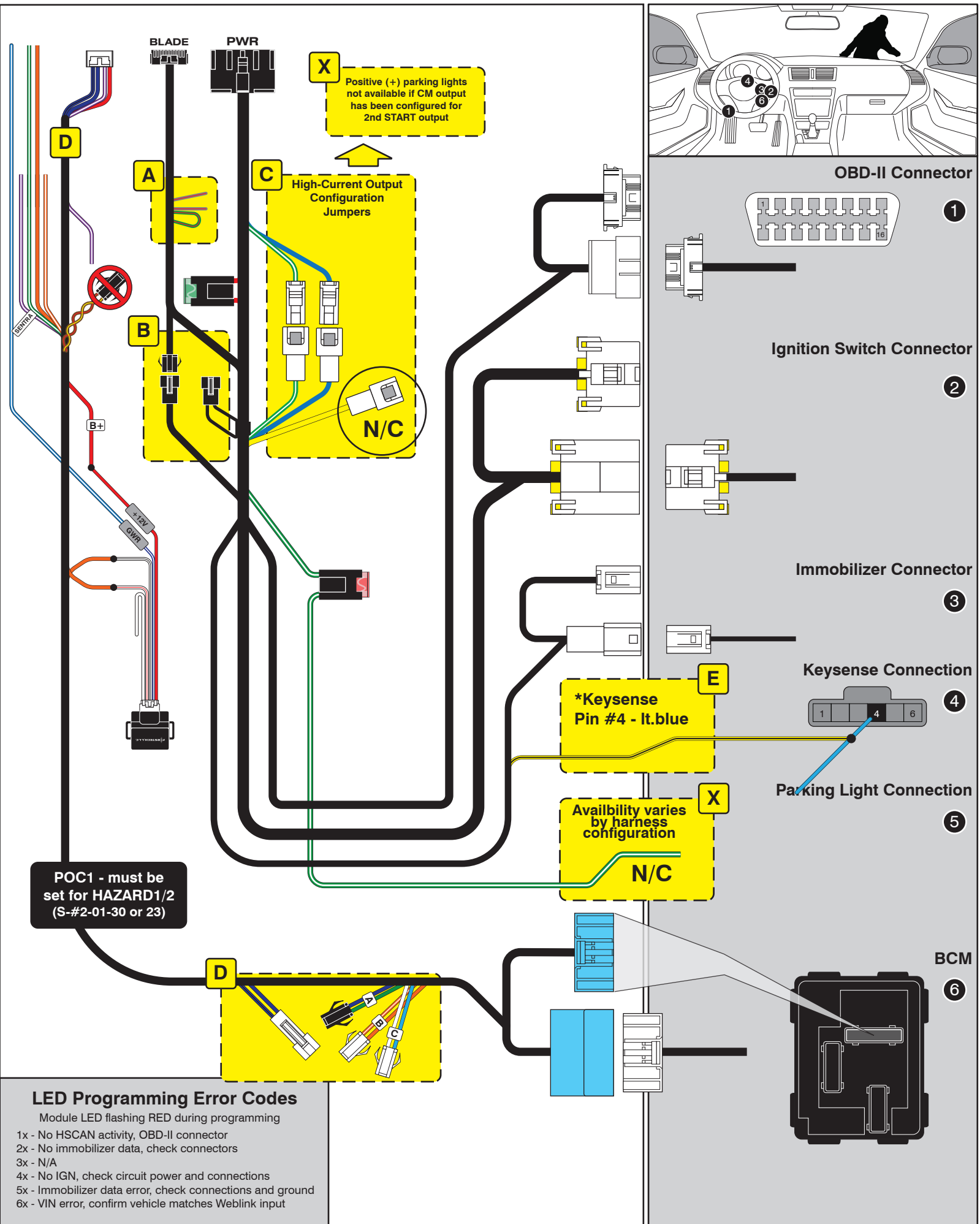
Jumper Setting

CM7000/7200 **Cut loop for A/T**

CM-900S/900AS

CM900AS/900S Jumper

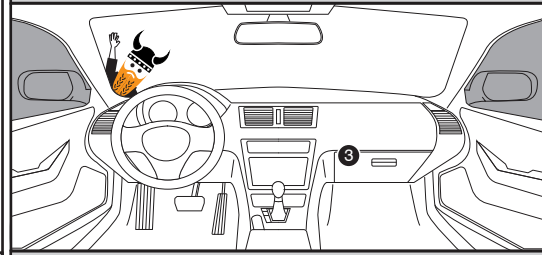
START
ACC
IGN1



FTI-NSK1-NI4 Type 3: Supplemental Intelli-Key Wiring Diagram

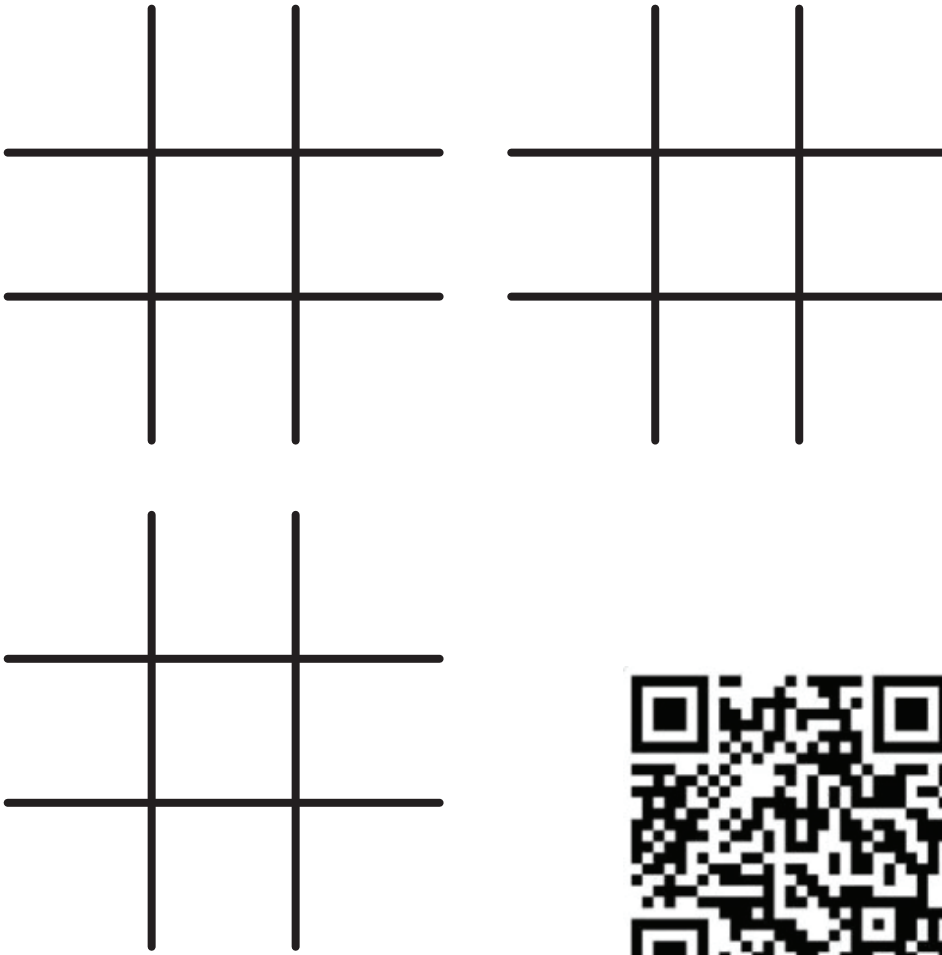
A Connector illustrations depict the wire-side view of the connector at the Intelli-Key module, position is accurate to this view.

B FT-RLY-10A is a compact, pre-wired relay accessory, wire as illustrated if available. If you are using a standard Bosch type relay, the illustrations utilize consistent color coding for the required connections.

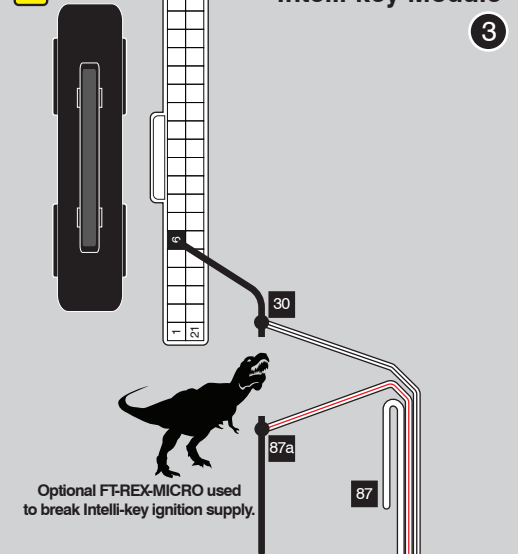


| Make | Model | Year | Intelli-Key Module Location |
|--------|------------------------|---------|---|
| Nissan | Pathfinder Intelli-Key | 2008-12 | (3) Behind glove box, left Pin #6 - white/green |

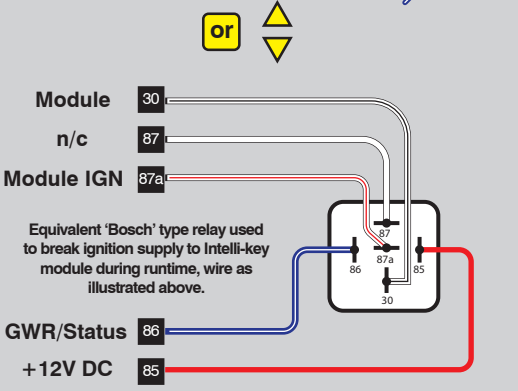
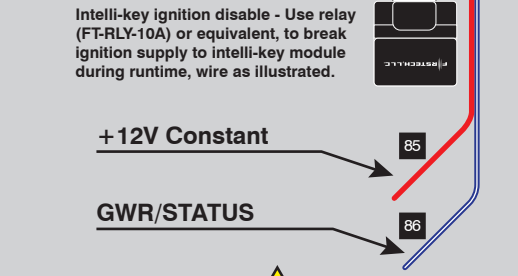
*Tic-Tac-Toe



A Intelli-key Module 3

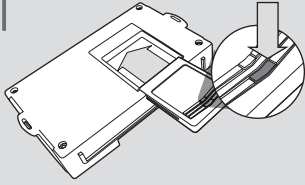


B FT-RLY-10A



CARTRIDGE INSTALLATION

1



Slide cartridge into unit. Notice button under LED.

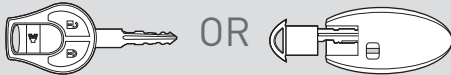
2

Ready for Module Programming Procedure.

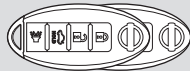
MODULE PROGRAMMING PROCEDURE

NOTE

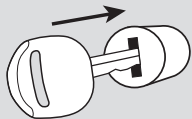
I To complete this procedure, use one regular key or one valet key.



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

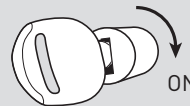


1



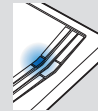
Insert key into ignition.

2



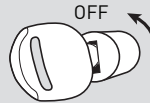
Turn key to ON position.

3



Wait, LED will turn solid BLUE for 2 seconds.

4



Turn key to OFF position.

5

Module Programming Procedure completed.