Make	Model	Year	Install	BCM	Lights	Locks	POC 1	I/O Changes
DL-NI4 Nissan	Maxima Intelli-Key AT	2007-08	Type 3	LSC	**Park / Auto** NI-LOCK	DATA	Hazard1/2	**Green White/Blue** START2

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:

START2: Move CM jumper 3 to Starter, connect CN1 GREEN/WHITE wire to yellow 2nd START 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).

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.

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

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

Jumper Setting

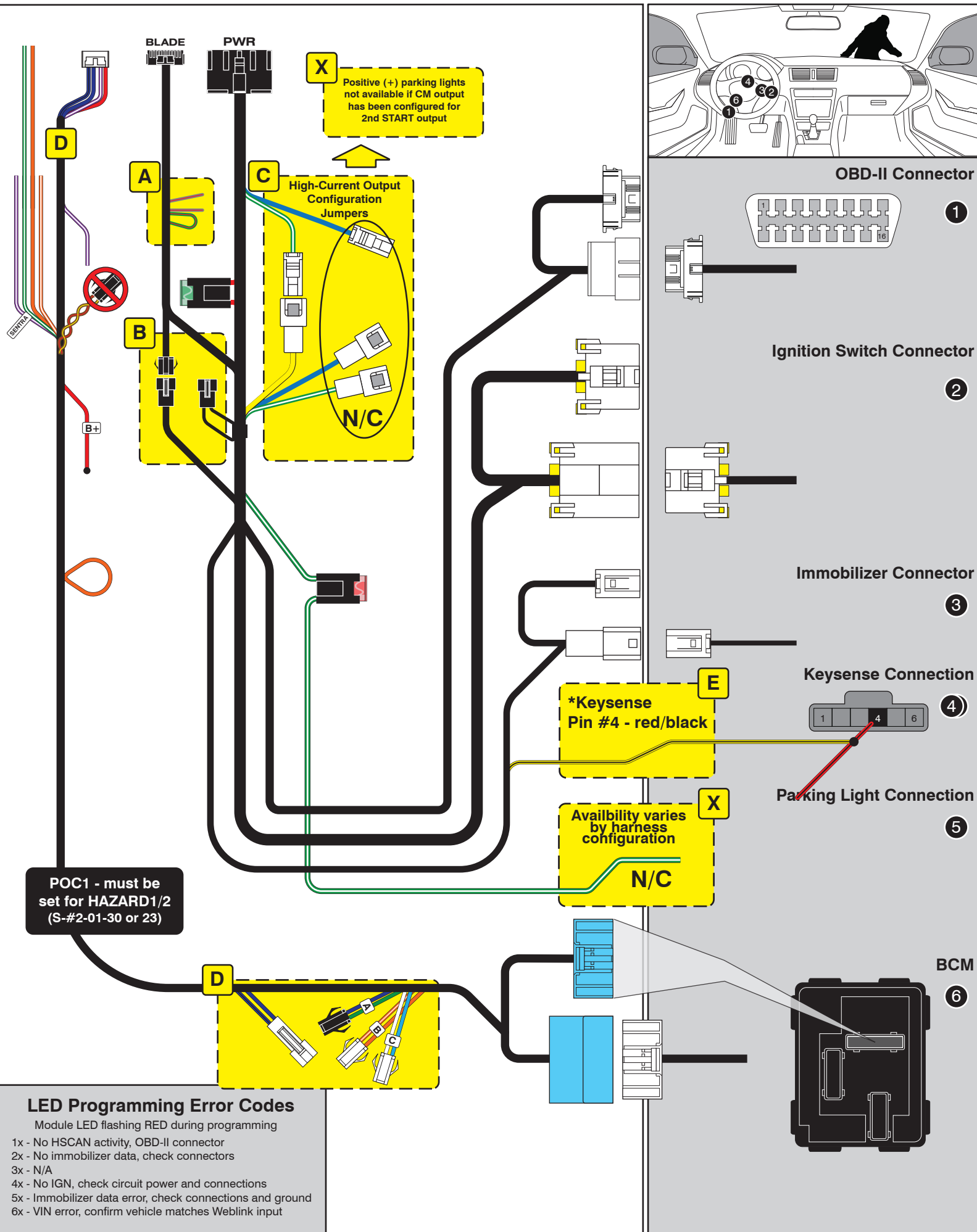Parking Light — (+)Door Trigger In
Accessory — (−)Door Trigger In (Default)
Ignition (Default)

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	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
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●

BLADE

PWR

D

A

C

X Positive (+) parking lights not available if CM output has been configured for 2nd START output

High-Current Output Configuration Jumpers

N/C

SENTRA

B+

B

OBD-II Connector ❶

Ignition Switch Connector ❷

Immobilizer Connector ❸

E *Keysense Pin #4 - red/black

Keysense Connection ❹

Parking Light Connection ❺

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

BCM ❻

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

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.
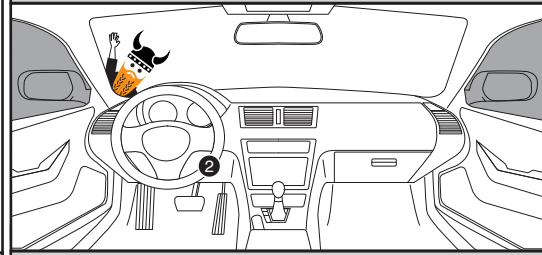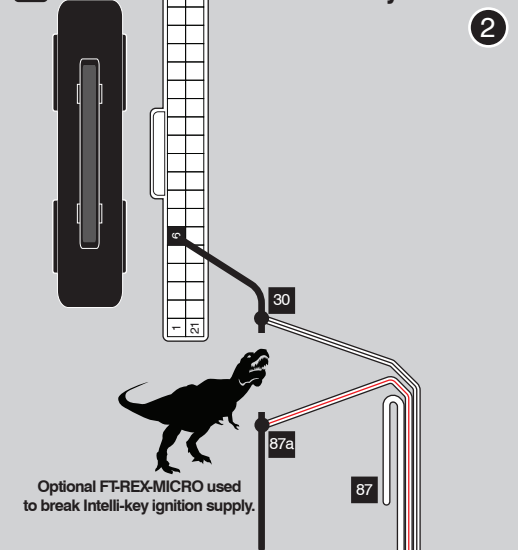
Make	Model	Year	Intelli-Key Module Location
Nissan	Maxima Intelli-Key	2007-08	(2) Above gas pedal, RSC **Pin #6 - green**

*Tic-Tac-Toe

A Intelli-key Module ②

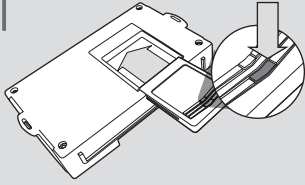Optional FT-REX-MICRO used to break Intelli-key ignition supply.
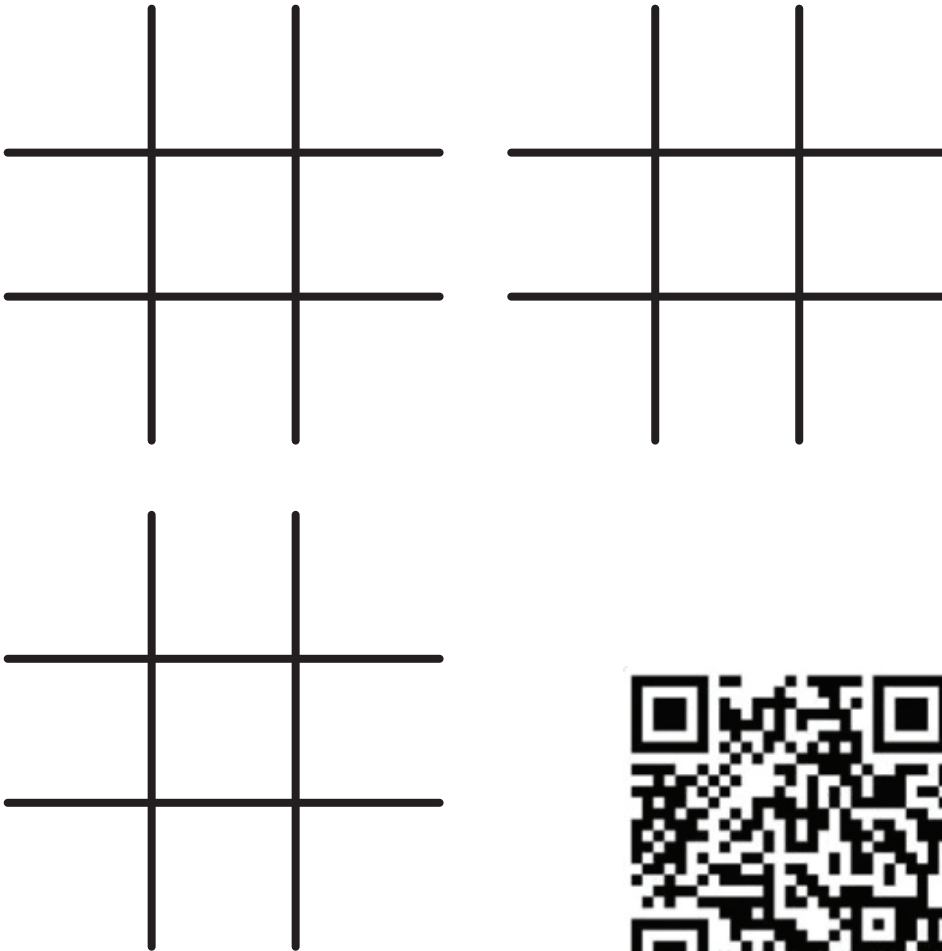
B FT-RLY-10A

Intelli-key ignition disable - Use relay (FT-RLY-10A) or equivalent, to break ignition supply to intelli-key module during runtime, wire as illustrated.

+12V Constant — 85
GWR/STATUS — 86

or

Module — 30
n/c — 87
Module IGN — 87a

Equivalent 'Bosch' type relay used to break ignition supply to Intelli-key module during runtime, wire as illustrated above.

GWR/Status — 86
+12V DC — 85

INSTALL GUIDE

BLADE S E R I E S

DOORLOCK INTERFACE
NISSAN/INFINITI

Patent No. US 8,856,780 CA 2759622

Page 20 of 21   COM-BLADE-AL(DL)-NI4-EN   Doc. No.: **##75307##**   20210414
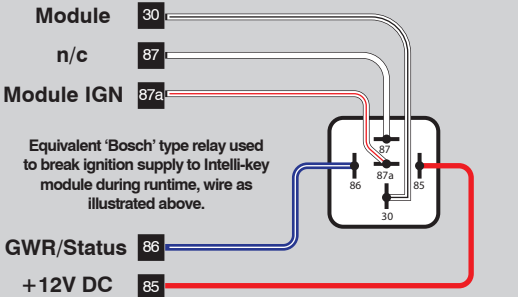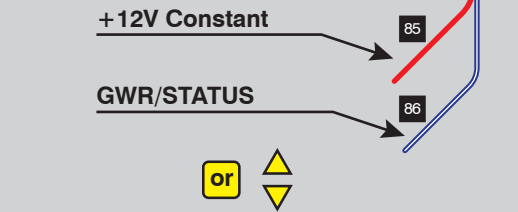
CARTRIDGE INSTALLATION

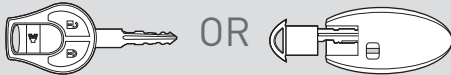**1** Slide cartridge into unit. Notice button under LED.
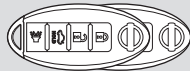

2 Ready for Module Programming Procedure.
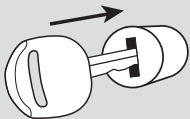
MODULE PROGRAMMING PROCEDURE

NOTE

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

OR

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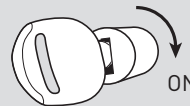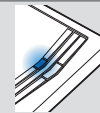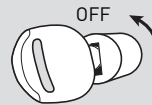
1 Insert key into ignition.

2 Turn key to ON position.

ON

3 Wait, LED will turn solid BLUE for 2 seconds.

4 OFF   Turn key to OFF position.

5 Module Programming Procedure completed.