Make	Model	Year	Install	BCM	Lights	Locks	POC 1	I/O Changes
DL-NI4 Nissan	350Z STD Key MT	2006-09	Type 1	DKP	**Park / Auto** NI-LOCK	DATA	Hazard1/2	**Green White/Blue** 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.

CM7000/7200 I/O Changes:

Parking Light/START2: 350Z 2nd start configuration, move CM jumper 3 to START position, connect CN1 *green*/*white* to *yellow* (2nd START), to use +parking lights, move CM jumper 2 to PARKING LIGHT and connect CN1 *blue* to *green*/*white* (parking light) 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- MT install requires additional wiring for clutch bypass, (*gray*/*red*, pin #2 of clutch switch), located at the top of the clutch bracket assembly. Using the CM *red*/*black* (neg. start) activate a relay to provide +12V during crank.

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]

Cut loop for A/T

CM7000/7200

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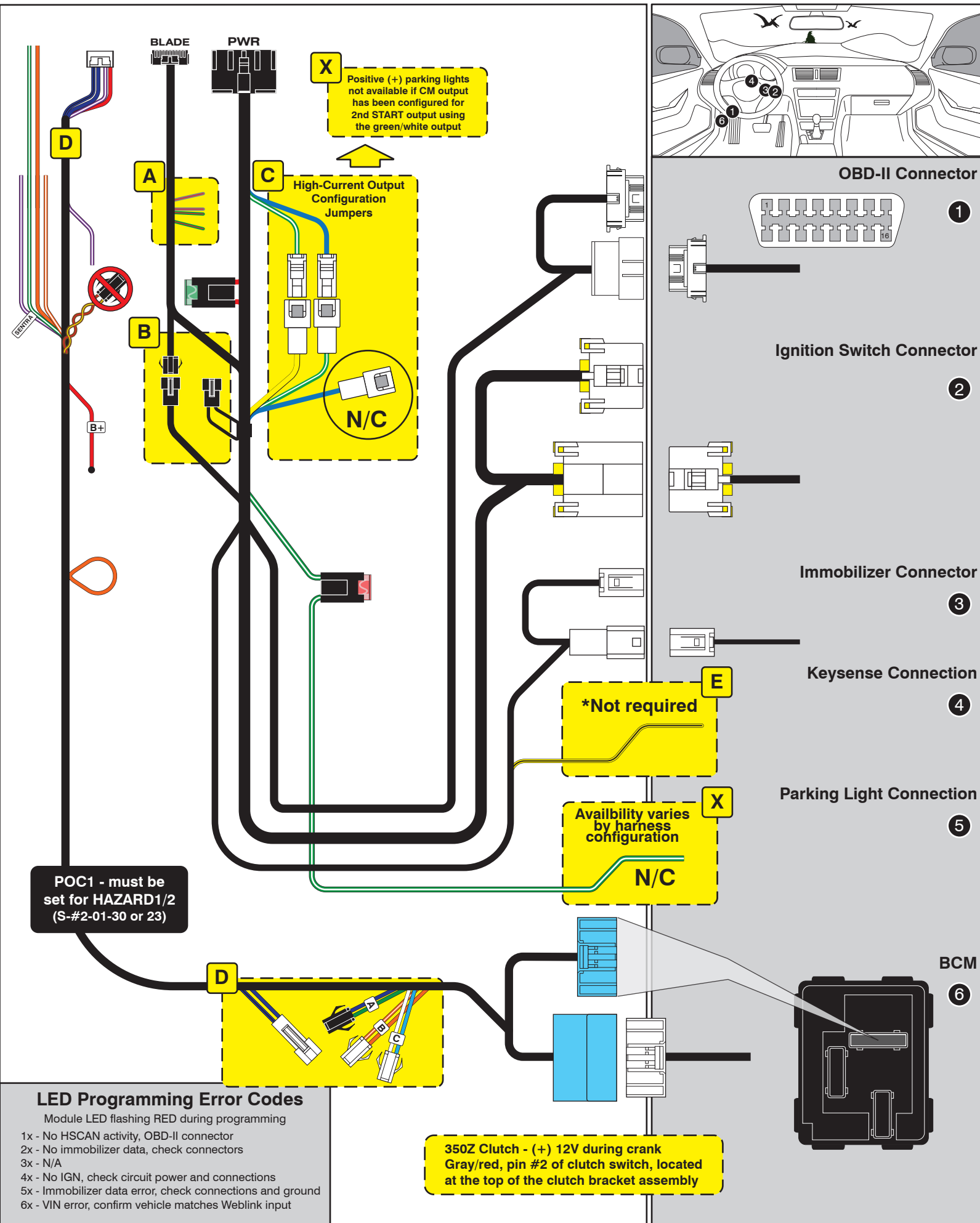
X Positive (+) parking lights not available if CM output has been configured for 2nd START output using the green/white output

A

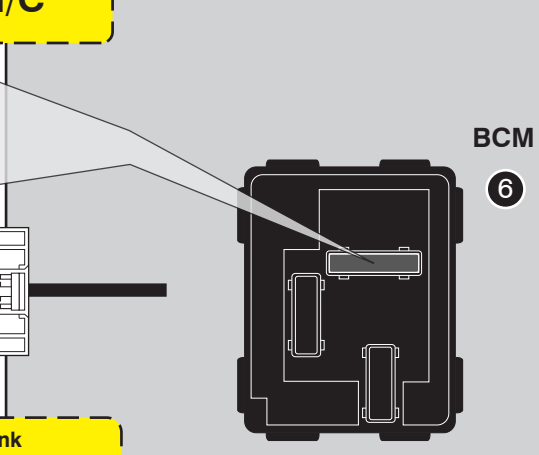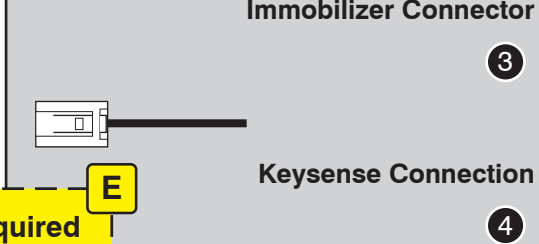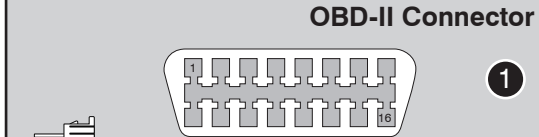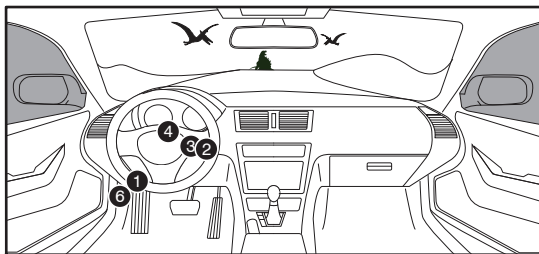**C** High-Current Output Configuration Jumpers

SENTRA

B

N/C

B+

OBD-II Connector ❶

Ignition Switch Connector ❷

Immobilizer Connector ❸

Keysense Connection ❹

E *Not required

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)

BCM ❻

D

A
B
C

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

350Z Clutch - (+) 12V during crank Gray/red, pin #2 of clutch switch, located at the top of the clutch bracket assembly

BLADE
SERIES

Patent No. US 8,856,780 CA 2759622

　　　COM-BLADE-AL(DL)-NI4-EN　　　Doc. No.: **##75307##**　20210414

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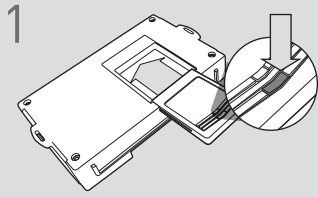
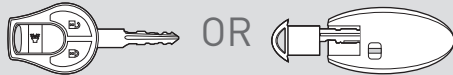**1** Slide cartridge into unit. Notice button under LED.

2 Ready for Module Programming Procedure.
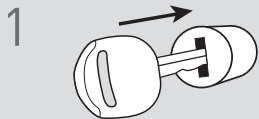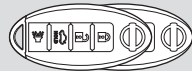
MODULE PROGRAMMING PROCEDURE

NOTE

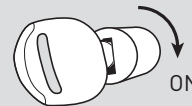I   To complete this procedure, use one regular key or one valet key.

OR

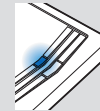II   When programming, all key fobs must be located at least 10 feet away from the vehicle.
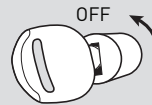
1 Insert key into ignition.

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.