

| Make             | Model                             | Year    | Install | BCM | Lights                 | Locks  | POC 1     | I/O Changes                       |
|------------------|-----------------------------------|---------|---------|-----|------------------------|--------|-----------|-----------------------------------|
| DL-NI4<br>Nissan | 350Z STD Key MT<br>with OEM Alarm | 2006-09 | Type 2  | DKP | Park / Auto<br>NI-LOCK | Type A | Hazard1/2 | Green White/Blue<br>Start2/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.**

**CMX I/O Changes:**

**+Clutch:** Set **HCP #1**, feature option **S-#4-1** (Default (+)Parking Light) to **Option 2 (2nd START)**, connect **green/white** to **green/white** (parking lights) at harness configuration point **[C]** and **gray/red** (pin #2) at clutch switch, top of clutch bracket.

**START2:** Set **HCP #3**, feature option **S-#4-3** (Default (+)Ignition) to **Option 2 (2nd START)**, connect **CN1 blue** wire to **yellow** (2nd START) 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**) 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**

- 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.

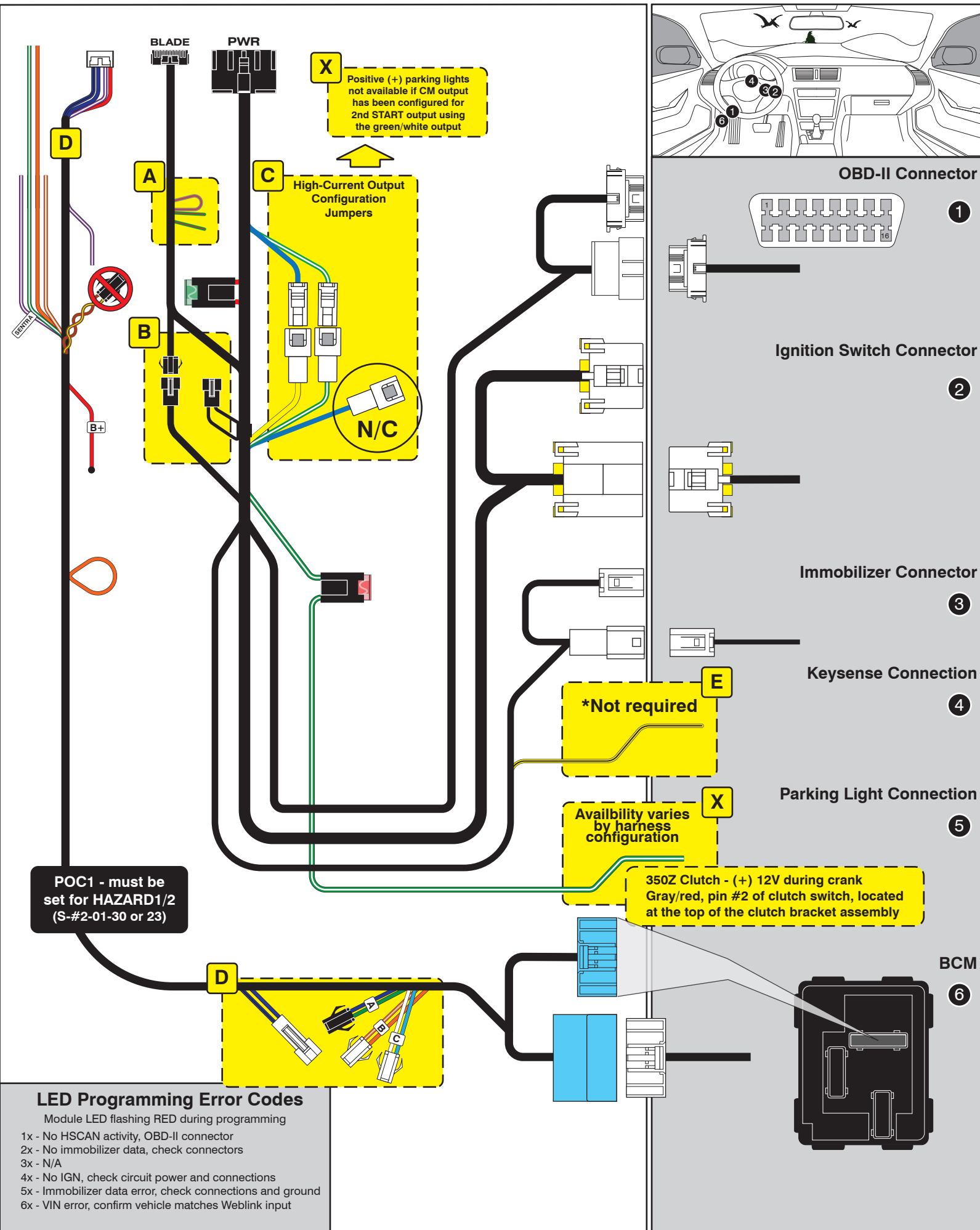
**Jumper Setting**

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

**CM-900S/900AS**

**CM900AS/900S Jumper**

**START**  
**ACC**  
**IGN1**



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

**C** High-Current Output Configuration Jumpers

**N/C**

**E** \*Not required

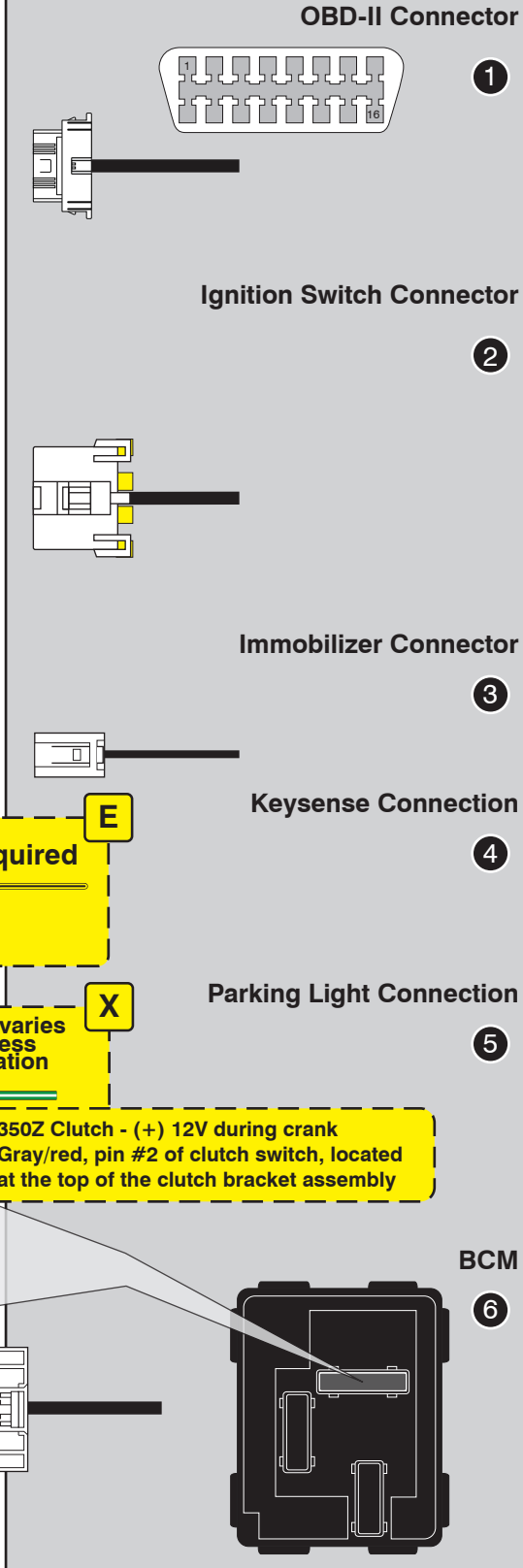
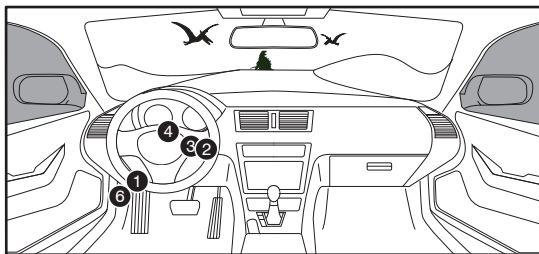
**X** Availability varies by harness configuration

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

**POC1 - must be set for HAZARD1/2 (S-#2-01-30 or 23)**

**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



## 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.

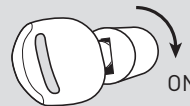


II When programming, all key fobs must be located at least 10 feet away from the vehicle.



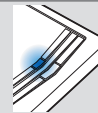
1 Insert key into ignition.

2



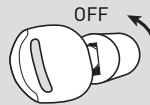
Turn key to ON position.

3



Wait, LED will turn solid BLUE for 2 seconds.

4



Turn key to OFF position.

5

Module Programming Procedure completed.