Make	Model	Year	Install	BCM	Lights	Locks	POC 1	I/O Changes
DL-NI4 Suzuki	Equator STD Key AT w/OEM Alarm	2009-11	Type 2	RSC	**Park / Auto** NI-LOCK	Type A	Hazard1/2	**Green White/Blue** START2/ACC

Intstall **Type 2** 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.*

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]**

ACC: Move CM jumper 2 to Accessory, connect the CN1 BLUE wire to blue ACC 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 the *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]**.

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 CUT 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

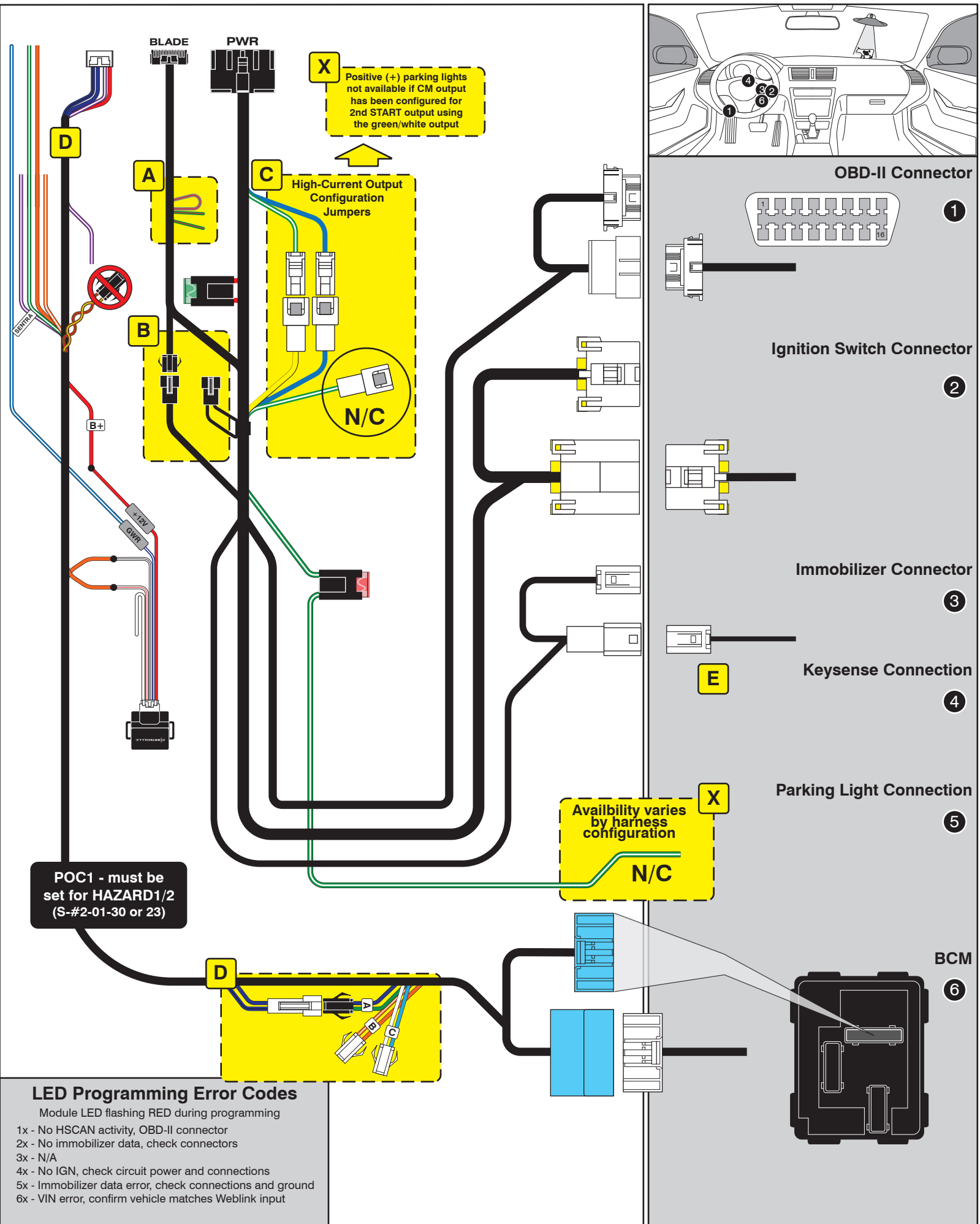Parking Light / Accessory / Ignition (Default)
(+)Door Trigger In / (-)Door Trigger In (Default)
Trunk / Starter / Parking Light (Default)
Starter / Ignition / Accessory (Default)

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	A/M ALARM CTRL	A/M RS CONTROL	TRUNK/HATCH RELEASE	DOOR STATUS	HOOD STATUS	TRUNK STATUS	BRAKE STATUS	TACHOMETER	E-BRAKE STATUS	HAZARD LIGHTS	PARKING LIGHTS
●		●	●	●	●	●				●	●	●	●	●	●	●	●

BLADE

PWR

D

A

C

B

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

High-Current Output Configuration Jumpers

N/C

SENTRA

B+

+12V GWR

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

X Availbility varies by harness configuration

N/C

D

A

B

C

OBD-II Connector ❶

Ignition Switch Connector ❷

Immobilizer Connector ❸

E

Keysense Connection ❹

Parking Light Connection ❺

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

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

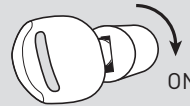I   To complete this procedure, use one regular key or one valet key.

OR

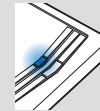II   When programming, all key fobs must be located at least 10 feet away from the vehicle.

1 Insert key into ignition.

2 Turn key to ON position.

ON

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

4 Turn key to OFF position.

OFF

5 Module Programming Procedure completed.