

Make	Model	Year	Install	CAN	Lights	RAP	Locks	I/O Changes
<b>DL-NI5</b>					<b>Park / Auto</b>			<b>Green White/Blue</b>
Infiniti	EX35 PTS	2009-12	Type 1	OBD-II (1)	RED*	DDP/BCM	LOCK B	
Infiniti	EX37 PTS	2013	Type 1	OBD-II (1)	RED*	DDP/BCM	LOCK B	
Infiniti	FX35 PTS	2009-12	Type 1	OBD-II (1)	RED*	DDP/BCM	LOCK B	
Infiniti	FX37 PTS	2013	Type 1	OBD-II (1)	RED*	DDP/BCM	LOCK B	
Infiniti	FX50 PTS	2009-13	Type 1	OBD-II (1)	RED*	DDP/BCM	LOCK B	
Infiniti	G25 PTS	2011-12	Type 1	OBD-II (1)	RED*	DDP/BCM	LOCK B	
Infiniti	G35 PTS	2007-09	Type 1	OBD-II (1)	RED*	DDP/BCM	LOCK B	
Infiniti	G37 PTS	2008-13	Type 1	OBD-II (1)	RED*	DDP/BCM	LOCK B	
Infiniti	Q60 PTS	2014-15	Type 1	OBD-II (1)	RED*	DDP/BCM	LOCK B	
Infiniti	QX50 PTS	2014-17	Type 1	OBD-II (1)	RED*	DDP/BCM	LOCK B	
Infiniti	QX70 PTS	2014-17	Type 1	OBD-II (1)	RED*	DDP/BCM	LOCK B	
Nissan	350Z PTS	2009	Type 1	OBD-II (1)	RED/BLU*	DDP/BCM	LOCK B	
Nissan	370Z PTS	2009-16	Type 1	OBD-II (1)	RED*	DDP/BCM	LOCK B	
Nissan	Altima/Altima Hybrid PTS	2007-08	Type 1	OBD-II (1)	RED/BLU*	DDP/BCM	LOCK B	
Nissan	Altima/Altima Hybrid PTS	2009-12	Type 1	OBD-II (1)	RED/BLU*	DDP/BCM	LOCK B	
Nissan	GT-R PTS	2009-16	Type 1	OBD-II (1)	RED*	DDP/BCM	LOCK B	
Nissan	Maxima PTS	2009-14	Type 1	OBD-II (1)	RED/BLU*	DDP/BCM	LOCK B	
Nissan	Murano PTS	2009-14	Type 1	OBD-II (1)	RED*	DDP/BCM	LOCK B	

**Hey! Read this stuff before you start the installation...**

**Firmware:**

Covered vehicles use **BLADE-AL(DL)-NI5**, flash module before installing.

**NI-LOCK harness configuration:**

Lock connections for Intelli-key vehicles are type B, make no other connections, secure unused connectors for safety.

**Optional Hazard Light Control:**

Pre-wired in NI-LOCK harness (**green/white**). Vehicles equipped with **MOMENTARY** switch use POC1 set to option #30 [Hazard1], vehicles equipped with **LATCHING** switch use option #32 [Hazard2]

**RAP Shutdown:**

Pre-wired in NI-LOCK harness to driver's door pin at BCM, connect **CM REARM** output (**orange**) to **orange/white** wire in harness.

**PARKING LIGHTS:**

Positive parking lights are available at the rear of the fuse junction panel if you are not using the NI-LOCK accessory harness, connector E103/106/6, pin #9, colors\* vary by year and model, test to confirm circuit activity.

**NI-LOCK/NI5 Behavior and wiring options:**

NI-LOCK accessory harness is capable of providing connection to **ARM, DISARM, RAP, and HAZARD** connections in a single connector at the BCM. Connections that would need to be made individually otherwise.

NI-LOCK wiring is as follows:

- ORANGE/WHITE - RAP Shutdown
- GREEN/WHITE - Hazard lights
- LOCK B - ARM/DISARM
- Orange - No connection



**NI5 Firmware behavior:**

NI5 firmware is capable of providing control over the factory alarm, automatically disarming the alarm when remote start is engaged, by providing ignition and immobilizer data emulating key presence. The alarm will disarm when needed but will not rearm at the end of a remote start session, so this must also be considered. No additional arm/disarm wiring is required, but upon a normal unlock using aftermarket remotes the instrument cluster will illuminate as a result of ignition activity. If this activity is an issue, mandatory connection of the arm/disarm wires at the BCM is required, as well as using the circuit jumper in note **B** of the installation diagram.

Okay, now get to work...

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

**Jumper Setting**

Parking Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(+)Door Trigger In
Accessory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(-)Door Trigger In (Default)
Ignition (Default)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Trunk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Starter
Starter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ignition
Parking Light (Default)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accessory (Default)

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

**CM-900S/900AS**

**CM900AS/900S Jumper**

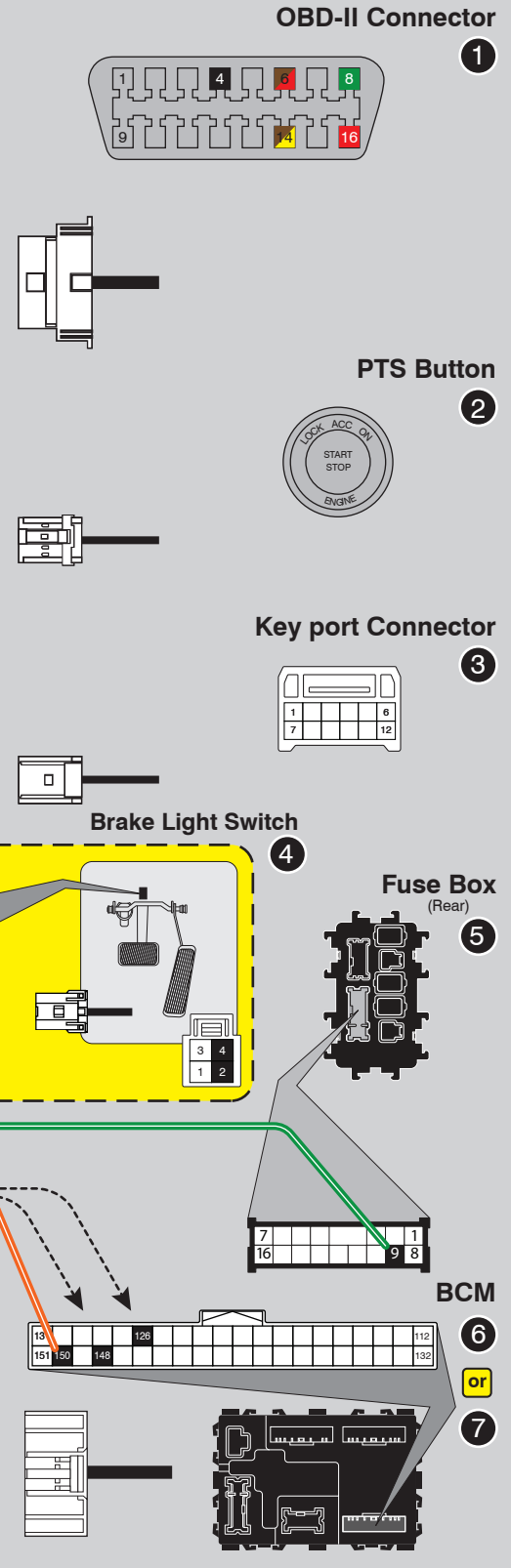
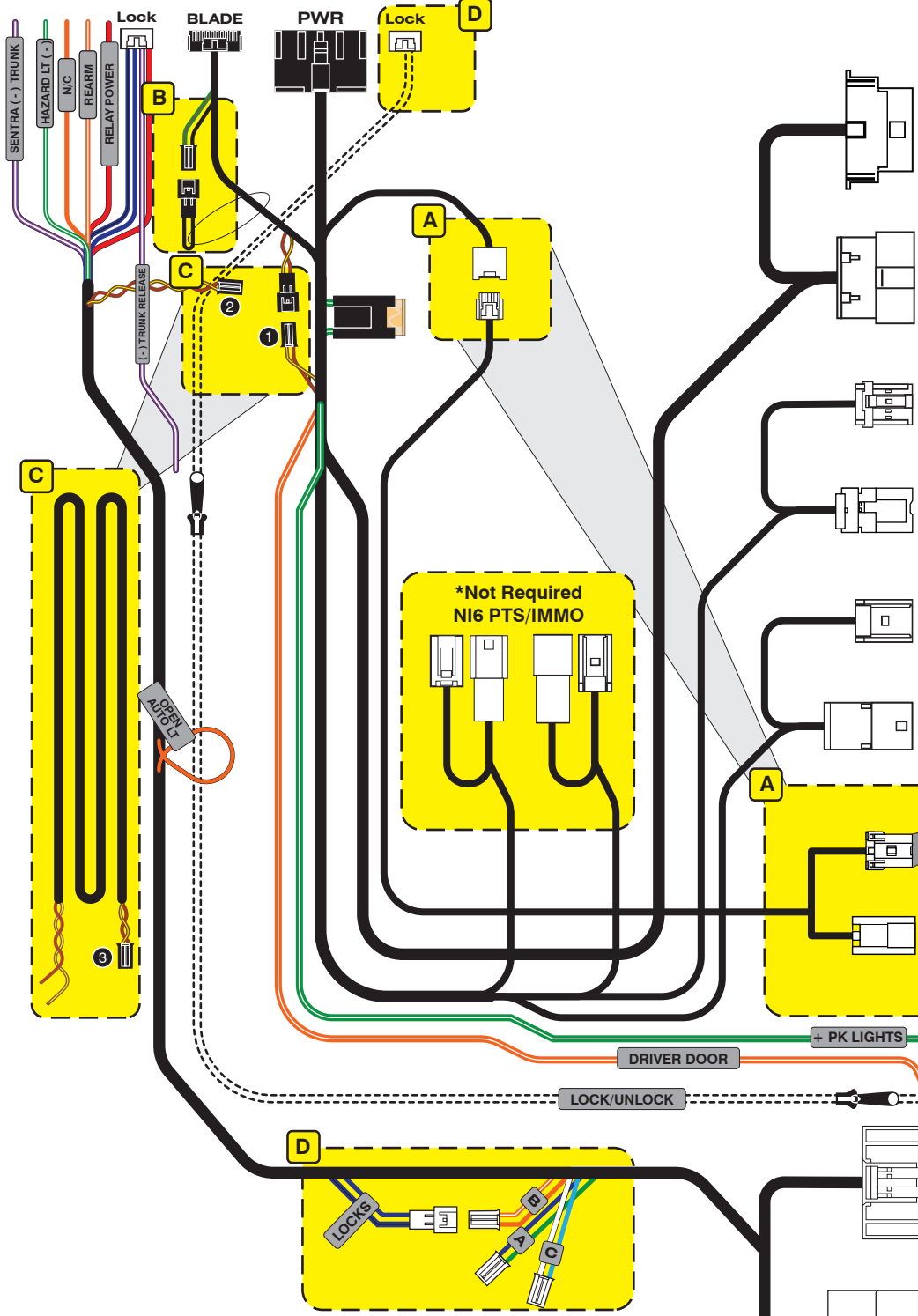
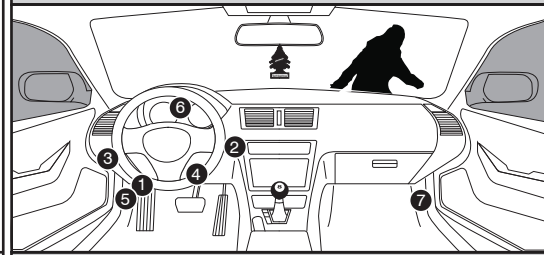
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

# FTI-NSP1 Type 1 - Installation Notes & Wiring Diagram

FIRSTECH, L.L.C.

- A** Mandatory brake connection, brake signal for remote start sequence. Troubleshooting tip: Brake lights (right, left, and center) should illuminate for 2-3 seconds during remote start attempt.
- B** ARM/DISARM configuration jumper, DO NOT connect if data control is desired. Connection disables data control of OEM alarm and requires additional connections. See behavior note on coverage page.
- C** CAN data junction, NI5 vehicles use connection option #1. Connection option #2 connects to the M18 connector at the BCM, and option #3 is a pigtail included for vehicles requiring BCM connections when not using the NI-LOCK harness
- D** NI-LOCK harness: LOCK B configuration for NI5 vehicles, **orange/white** to CM POC set to REARM, and **green/white** to CM parking light output set to hazards. See NI-LOCK configuration notes on coverage page. If not used, CM lock harness, parking light, and door pin connections are required.



### Module Programming

- Step 1 - Insert fob into key port
- Step 2 - Activate IGN
- Step 3 - Wait for module LED to go solid blue
- Step 4 - Deactivate IGN
- Step 5 - Programming complete

### LED Programming Error Codes

- Module LED flashing RED during programming
- 1x - CAN error, check OBD-II connector
  - 2x - No PTS signal, check connector to PTS button
  - 3x - No immobilizer data, check connector to key port
  - 4x - No PTS signal, check connector to PTS button
  - 5x - No immobilizer data, check connector to key port
  - 6x - No ignition, check connector to OBD-II port
  - 7x - Key error, confirm using only one key through process
  - 8x - VIN error, confirm Weblink vehicle entry

## FTI-NSP1 Type 1

SUPPORT - 1(888) 820-3690, EXT. 203