

FTI-NSK1 Type 1 - Vehicle Coverage & Preparation Notes

Make	Model	Year	Install	CAN	Lights	BCM	Locks	I/O Changes
DL-NI4					Park / Auto			Green White/Blue
Infiniti	QX56 STD Key	2005-09	Type 1	OBD-II	NI-LOCK	RSC	DATA	START2/ACC
Nissan	350Z STD Key	2006-09	Type 1	OBD-II	NI-LOCK	DKP	DATA	START2
Nissan	Altima STD Key	2005-06	Type 1	OBD-II	NI-LOCK*	DKP	DATA	START2
Nissan	Armada STD Key	2005-15	Type 1	OBD-II	NI-LOCK	RSC	DATA	START2/ACC
Nissan	Cube STD Key	2009-14	Type 1	OBD-II	NI-LOCK	LSC	DATA	
Nissan	Frontier STD Key	2005-18	Type 1	OBD-II	NI-LOCK	RSC	DATA	START2/ACC
Nissan	Juke STD Key	2011-18	Type 1	OBD-II	NI-LOCK	LSC	DATA	
Nissan	Maxima STD Key	2004-08	Type 1	OBD-II	NI-LOCK	LSC	DATA	START2
Nissan	NV200 STD Key	2013-17	Type 1	OBD-II	NI-LOCK	BGB	DATA	
Nissan	Pathfinder STD Key	2005-12	Type 1	OBD-II	NI-LOCK*	RSC	DATA	START2/ACC
Nissan	Quest STD Key	2004-09	Type 1	OBD-II	NI-LOCK*	NAP	DATA	START2
Nissan	Rogue STD Key	2008-13	Type 1	OBD-II	NI-LOCK	BGB	DATA	
Nissan	Rogue Select STD Key	2014-15	Type 1	OBD-II	NI-LOCK	BGB	DATA	
Nissan	Sentra STD Key	2007-13	Type 1	OBD-II	NI-LOCK	**	DATA	
Nissan	Titan STD Key	2005-15	Type 1	OBD-II	NI-LOCK	RSC	DATA	START2/ACC
Nissan	Versa STD Key	2007-18	Type 1	OBD-II	NI-LOCK	*	DATA	
Nissan	Xterra STD Key	2005-15	Type 1	OBD-II	NI-LOCK*	RSC	DATA	START2/ACC
Suzuki	Equator	2009-11	Type 1	OBD-II	NI-LOCK	RSC	DATA	START2/ACC

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

Covered vehicles use **BLADE-AL(DL)-NI4**, flash module and update the controller firmware.

I/O Changes:

CM900S/900AS I/O Changes:

ACC: Move CM jumper to ACC position to configure CN1 BLUE wire as an accessory output, connect BLUE wire to 2ND ACC at special configuration point **C**

START: Set feature option 1-6-2 (starter output 10A max), connect GREEN/WHITE to yellow 2nd START at special configuration point **C**

START*: 350Z requires configuration of 2nd start only, move CM jumper to START, connect BLUE to 2nd start at special configuration point **C**

CM7000/7200 I/O Changes:

ACC: Move CM Jumper 2 to Accessory, connect BLUE wire to 2nd ACC at special configuration point **C**

START: Move CM jumper 3 to Starter, connect GREEN/WHITE wire to yellow 2nd START at special configuration point **C**

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.

NI-LOCK* vehicles require additional wiring, using a relay to open the auto-light shutdown loop provided on the NI-LOCK harness.



Optional Hazard Light Control:

Pre-wired in NI-LOCK harness (green/white). Vehicles equipped with MOMENTARY switch use **Hazard1** (POC option #30 (momentary) or **Hazard2** (POC option #23 (latching) if the switch is LATCHING type.

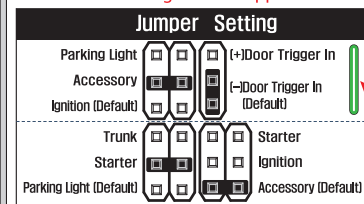
Auto-Light OFF:

Pre-wired in NI-LOCK harness, for vehicles equipped with Auto-lights connect CM REARM output (orange) to ORANGE wire in harness.

BCM Locations

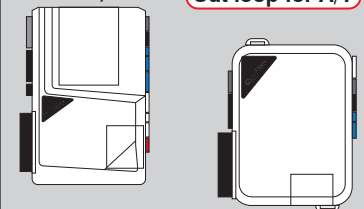
- RSC = Right side of steering column
- LSC = Left side of steering column
- DKP = Driver kick panel
- **ADKP = Above driver kick panel
- **BIC = Behind instrument cluster
- **BGB = Behind glove box
- NAP = Near A-pillar

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



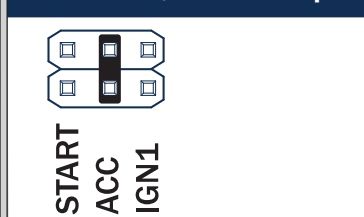
CM7000/7200

Cut loop for A/T



CM-900S/900AS

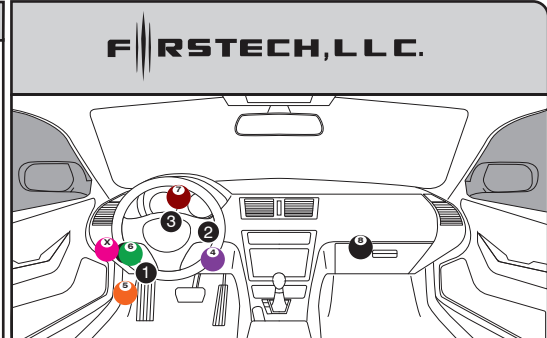
CM900AS/900S Jumper



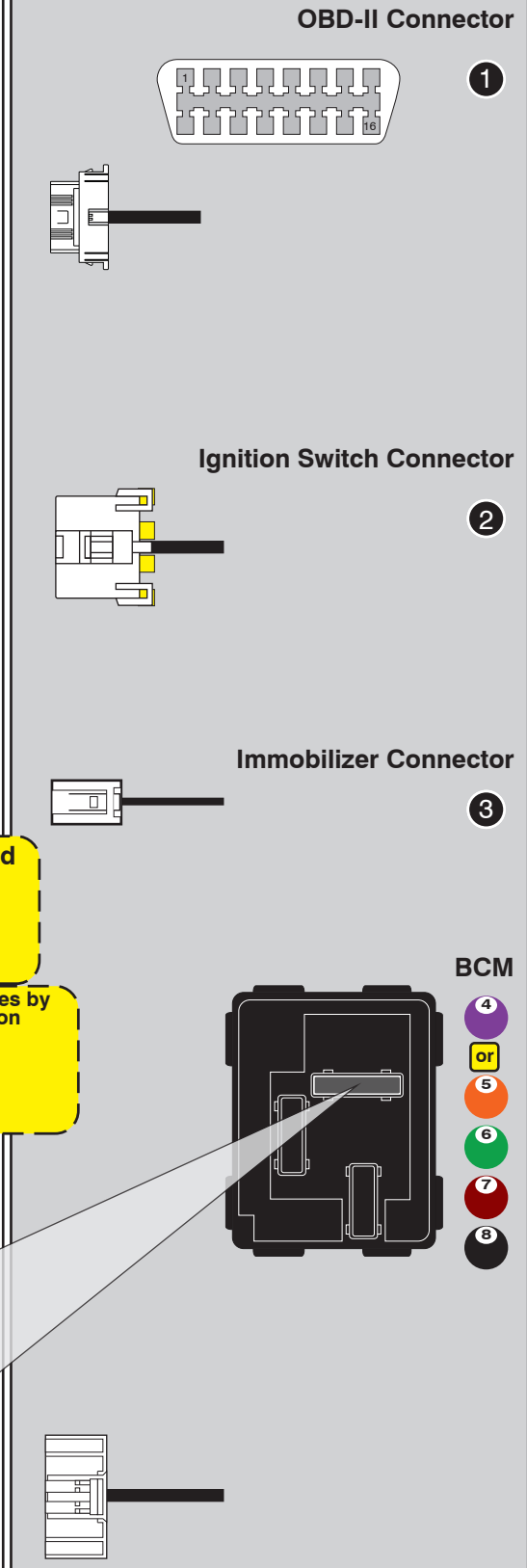
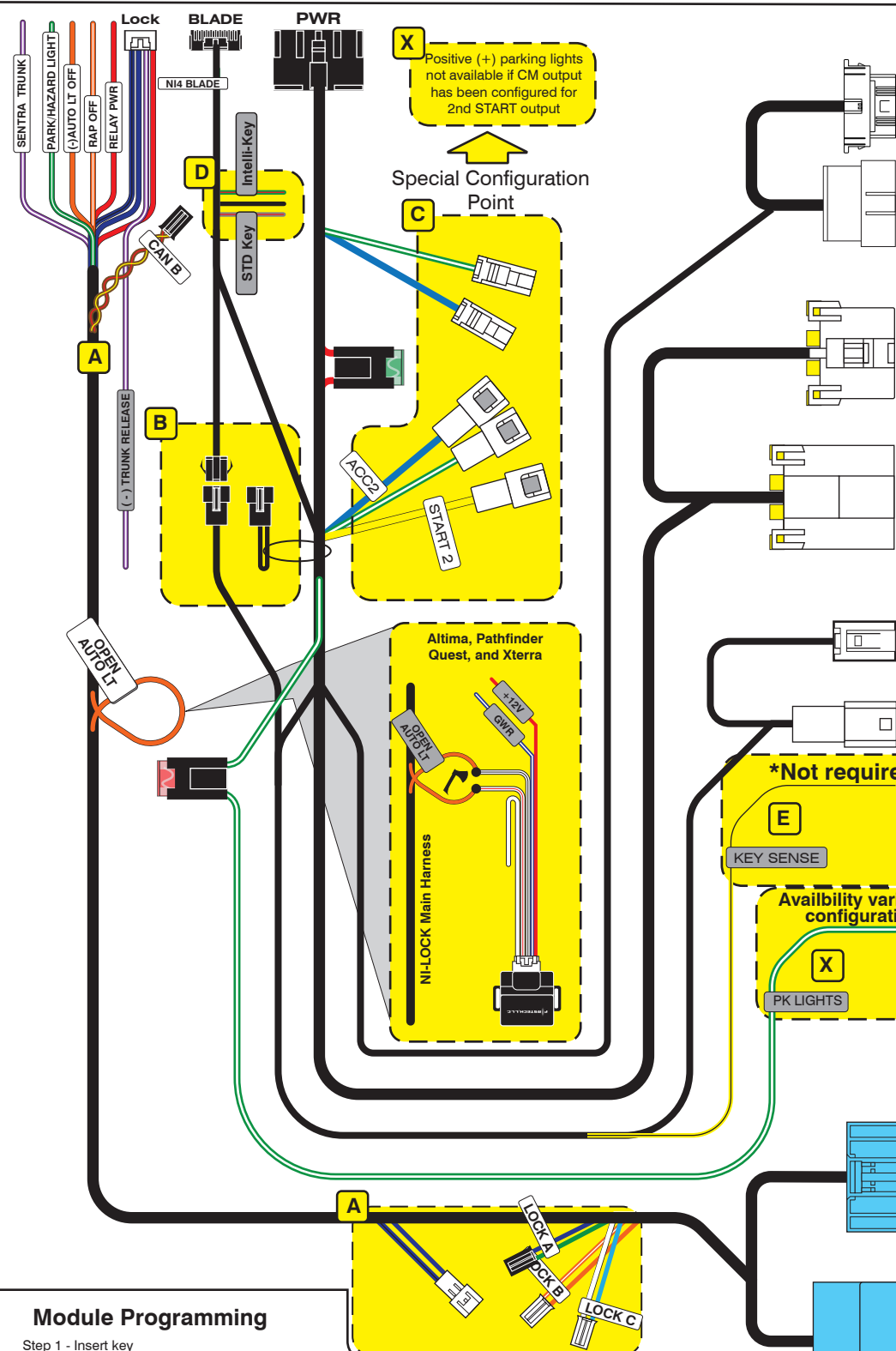
Okay, now get to work...

FTI-NSK1 Type 1 - Installation Notes & Wiring Diagram

- A** NI-LOCK accessory harness, see coverage page for specific configuration information
- B** Immobilizer junction, use female jumper if vehicle is **not equipped** with immobilizer
- C** Some vehicles require special configuration to provide **2nd ACC** or **2nd START** by reconfiguring the controller **2nd IGN** and **Pk Light** outputs. See coverage page for known configuration changes.
- D** Lock control, connect applicable wire to provided ground. Use only for Micra and NV1500/2500/3500, *No other vehicles covered by this install type require this connection, secure unused wires for safety.*
- E** Keysense connection, not required for NI4 (K) installations



FIRSTECH, L.L.C.



Module Programming

- Step 1 - Insert key
- 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 - No HSCAN activity, check connectors to 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