

FTI-NSK1 Type 3 - Vehicle Coverage & Preparation Notes

Make	Model	Year	Install	CAN	Lights	BCM	Locks	I/O Changes
DL-NI4					Park / Auto			Green White/Blue
Infiniti	Q56 Intelli-Key	2008-10	Type 3	OBD-II	NI-LOCK	DKP	DATA	START2/ACC
Nissan	Armada Intelli-Key	2008-15	Type 3	OBD-II	NI-LOCK	RSC	DATA	START2/ACC
Nissan	Maxima Intelli-Key	2007-08	Type 3	OBD-II	NI-LOCK	LSC	DATA	START2
Nissan	Pathfinder Intelli-Key	2008-12	Type 3	OBD-II	NI-LOCK	RSC	DATA	
Nissan	Rogue Intelli-Key	2008-13	Type 3	OBD-II	NI-LOCK	LSC	DATA	
Nissan	Rogue Select Intelli-Key	2014-15	Type 3	OBD-II	NI-LOCK	BGB	DATA	
Nissan	Sentra Intelli-Key	2007-12	Type 3	OBD-II	NI-LOCK	BGB	DATA	
Nissan	Versa Intelli-Key	2007-11	Type 3	OBD-II	NI-LOCK	LSC	DATA	

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

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



Attention: The Intelli-Key vehicles require additional wiring not included as part of the T-harness assembly. The ignition supply for the Intelli-Key module must be interrupted during for the duration of the remote start activity, specific wiring is included on page three of this guide.

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**

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**

Keysense:

QX56, Armada, Maxima, and Pathfinder: Steering column, gray 6-pin connector, pin #4 colors vary
Rogue, Rogue Select, Sentra, and Versa: Steering column, gray 6-pin connector, pin #1 colors vary

NI-LOCK harness configuration: Configure Double Pulse Unlock (feature 1-04, option 2)

Covered vehicles utilize no lock jumpers and require no configuration, type A, B, and C connectors should be secured to ensure against short circuits.

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.

Okay, now get to work...

- 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.

Jumper Setting

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

CM7000/7200 Cut loop for A/T

CM-900S/900AS

CM900AS/900S Jumper

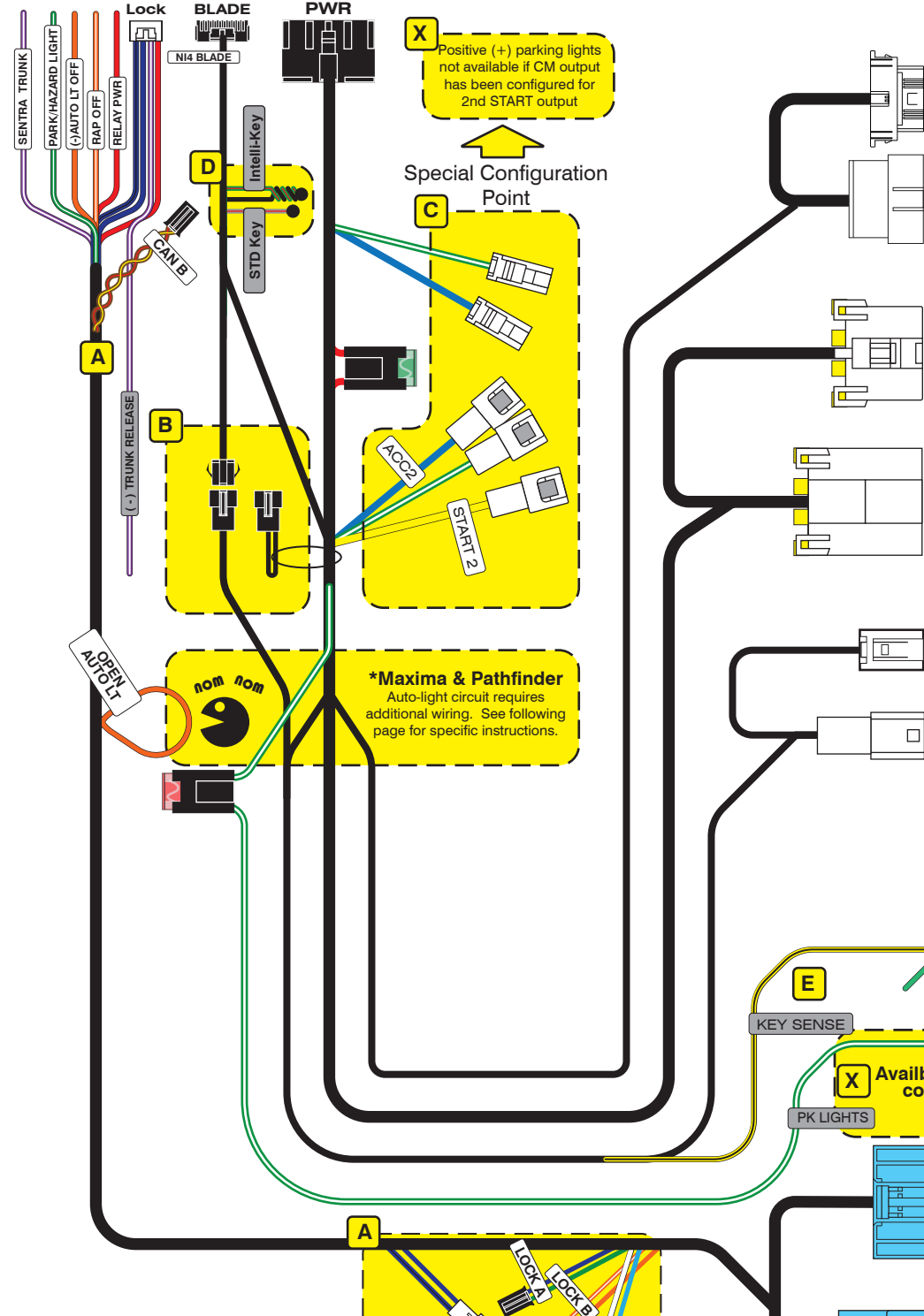
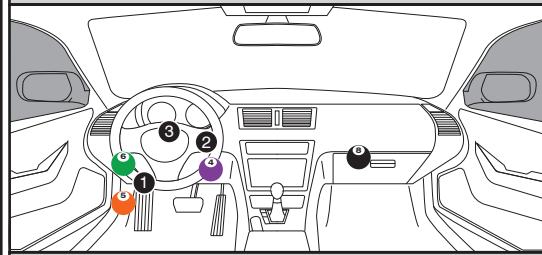
START
ACC
IGN1



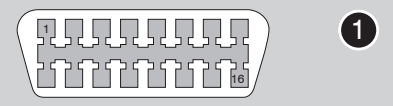
FTI-NSK1 Type 3 - Installation Notes & Wiring Diagram

- A** NI-LOCK accessory harness, see coverage page for specific configuration information, see also page 3 (Supplemental Wiring Diagram) for additional information regarding Maxima & Pathfinder Auto-Lights.
- 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 **green/red** wire to provided ground to allow to control lock functions through data, insulate and secure unused **gray/red** to harness body.
- E** Keysense connection, NI4 (T) Intelli-Key vehicles require connection to the steering column connector, pin#4 or pin #1, see vehicle coverage page for specific locations.

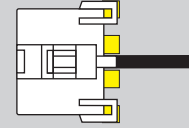
FIRSTECH, L.L.C.



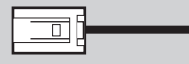
OBD-II Connector



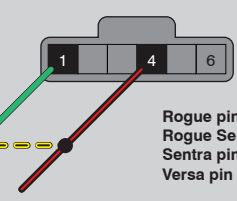
Ignition Switch Connector



Immobilizer Connector



Keysense Connector



- QX56 pin #4 - BLK/RED
- Armada pin #4 - BLK/RED
- Maxima pin #4 - RED/BLK
- Pathfinder pin #4 - LT.BLUE
- Rogue pin #1 - LT.GREEN
- Rogue Select pin #1 - LT.GREEN
- Sentra pin #1 - VIOLET
- Versa pin #1 - LT.GREEN

BCM



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

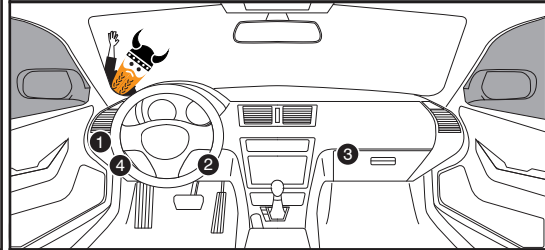
- Module LED flashing RED during programming
- 1x - No HSCAN activity, check connectors to OBD-II connector
 - 2x - No immobilizer data, check connectors
 - 3x - N/A
 - 4x - No IGN, check circuit power and connections
 - 5x - Immobilizer data error, check connections and ground
 - 6x - VIN error, confirm vehicle matches Weblink input

FTI-NSK1 Type 3

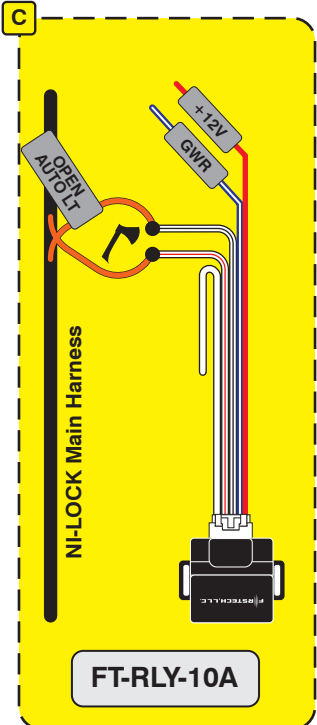
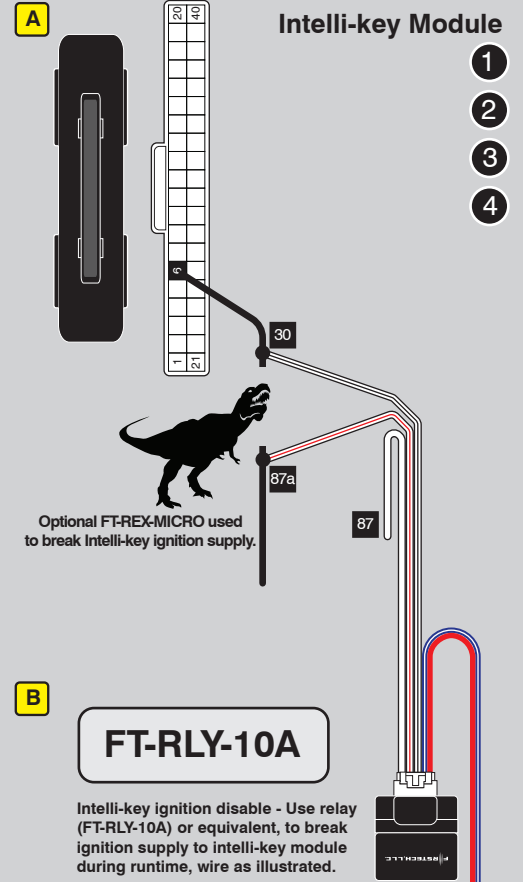
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FTI-NSK1 Type 3 Supplemental Wiring Diagram

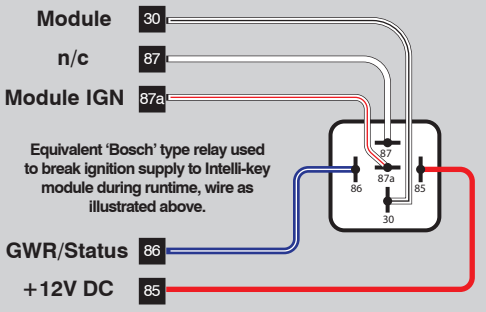
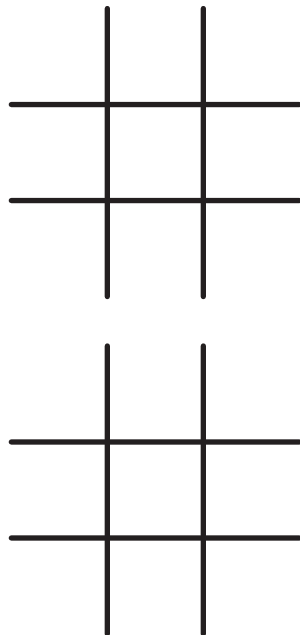
- A** Connector illustrations depict the wire-side view of the connector at the Intelli-Key module, position is accurate to this view.
- B** FT-RLY-10A is a compact, pre-wired relay accessory, wire as illustrated if available. If you are using a standard Bosch type relay, the illustrations utilize similar color coding for the required connections.
- C** Maxima& Pathfinder auto-light circuit requires the use of an additional relay to provide shutoff by opening the circuit at the provided loop. Cut loop and wire as indicated, using status/GWR to control the installed relay.



Make	Model	Year	Intelli-Key Module
DL-NI4			
Infiniti	Q56 Intelli-Key	2008-10	(1) A-Pillar, behind dash Pin #6 - green/red
Nissan	Armada Intelli-Key	2008-15	(1) A-Pillar, behind dash Pin #6 - green/red
Nissan	Maxima Intelli-Key	2007-08	(2) Above gas pedal, RSC Pin #6 - green
Nissan	Pathfinder Intelli-Key	2008-12	(3) Behind glove box, left Pin #6 - white/green
Nissan	Rogue Intelli-Key	2008-13	(4) Left side dash Pin #6 - white
Nissan	Rogue Select Intelli-Key	2014-15	(4) Left side dash Pin #6 - white
Nissan	Sentra Intelli-Key	2007-12	(3) Behind glove box, center Pin #6 - brown
Nissan	Versa Intelli-Key	2007-11	(3) Behind glove box, left Pin #6 - yellow



***Tic-Tac-Toe**



FTI-NSK1 Type 3