

FTI-NSK1 Type 2 - 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 w/Alarm	2005-09	Type 2	OBD-II	NI-LOCK	RSC	A	START2/ACC
Nissan	350Z STD Key w/Alarm	2006-09	Type 2	OBD-II	NI-LOCK	DKP	A	START2
Nissan	Altima STD Key w/Alarm	2005-06	Type 2	OBD-II	NI-LOCK*	DKP	A	START2
Nissan	Armada STD Key w/Alarm	2005-15	Type 2	OBD-II	NI-LOCK	RSC	A	START2/ACC
Nissan	Cube STD Key w/Alarm	2009-14	Type 2	OBD-II	NI-LOCK	LSC	A	
Nissan	Frontier STD Key w/Alarm	2005-18	Type 2	OBD-II	NI-LOCK	RSC	A	START2/ACC
Nissan	Juke STD Key w/Alarm	2011-18	Type 2	OBD-II	NI-LOCK	LSC	A	
Nissan	Maxima STD Key w/Alarm	2004-08	Type 2	OBD-II	NI-LOCK	LSC	A	START2
Nissan	Micra STD Key	2015-17	Type 2	OBD-II	NI-LOCK	ADKP	A	
Nissan	NV1500/2500/3500 Key	2012-18	Type 2	OBD-II	NI-LOCK	BIC	A	
Nissan	Pathfinder Key w/Alarm	2005-12	Type 2	OBD-II	NI-LOCK*	RSC	A	START2/ACC
Nissan	Quest STD Key w/Alarm	2004-09	Type 2	OBD-II	NI-LOCK*	NAP	A	START2
Nissan	Rogue STD Key w/Alarm	2008-13	Type 2	OBD-II	NI-LOCK	BGB	A	
Nissan	Sentra STD Key w/Alarm	2007-12	Type 2	OBD-II	NI-LOCK	BIC*	A	
Nissan	Sentra Key w&w/o Alarm	2013-19	Type 2	OBD-II	NI-LOCK	BIC*	A	
Nissan	Titan STD Key w/Alarm	2005-15	Type 2	OBD-II	NI-LOCK	BIC*	A	START2/ACC
Nissan	Versa Note STD Key	2014-18	Type 2	OBD-II	NI-LOCK	ADKP	A	
Nissan	Versa STD Key w/Alarm	2012-18	Type 2	OBD-II	NI-LOCK	BIC*	A	
Nissan	Xterra STD Key w/Alarm	2005-15	Type 2	OBD-II	NI-LOCK*	RSC	A	START2/ACC
Suzuki	Equator w/Alarm	2009-11	Type 2	OBD-II	NI-LOCK	RSC	A	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**)

All applicable vehicles utilize the type 'A' lock configuration, type 'B&C' connections are not used, secure to ensure against short circuits. **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:

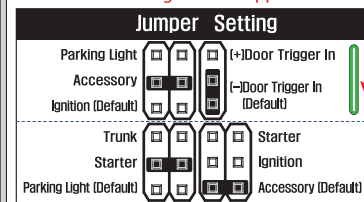
Pre-wired in NI-LOCK harness (green/white). Vehicles equipped with MOMENTARY switch use **Hazard1** (POC option #30 (momentary) or **Hazard2** (POC option #23 (latching) if the switch is LATCHING type.

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.

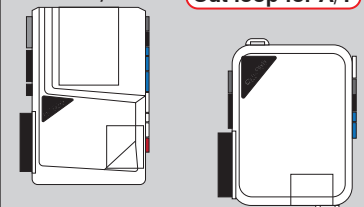
BCM Locations
RSC = Right side of steering column
LSC = Left side of steering column
DKP = Driver kick panel
ADKP = Above driver kick panel
BIC = Behind instrument cluster
*BGB = Behind glove box
NAP = Near A-pillar

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



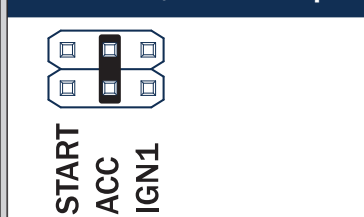
CM7000/7200

Cut loop for A/T



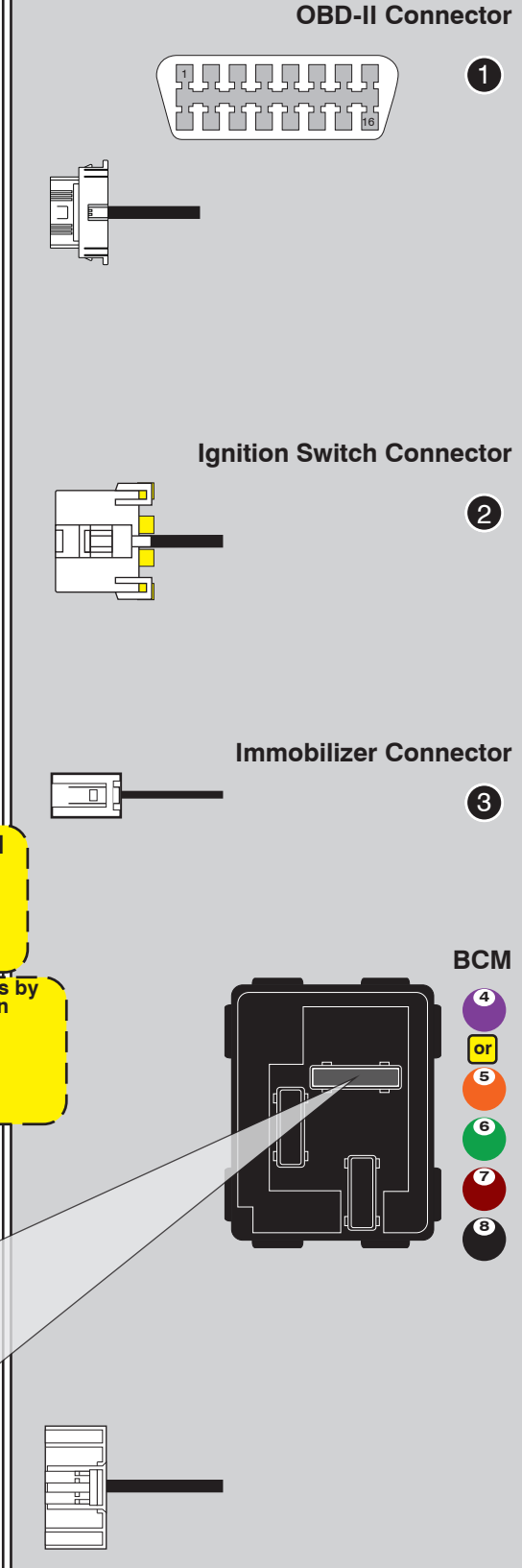
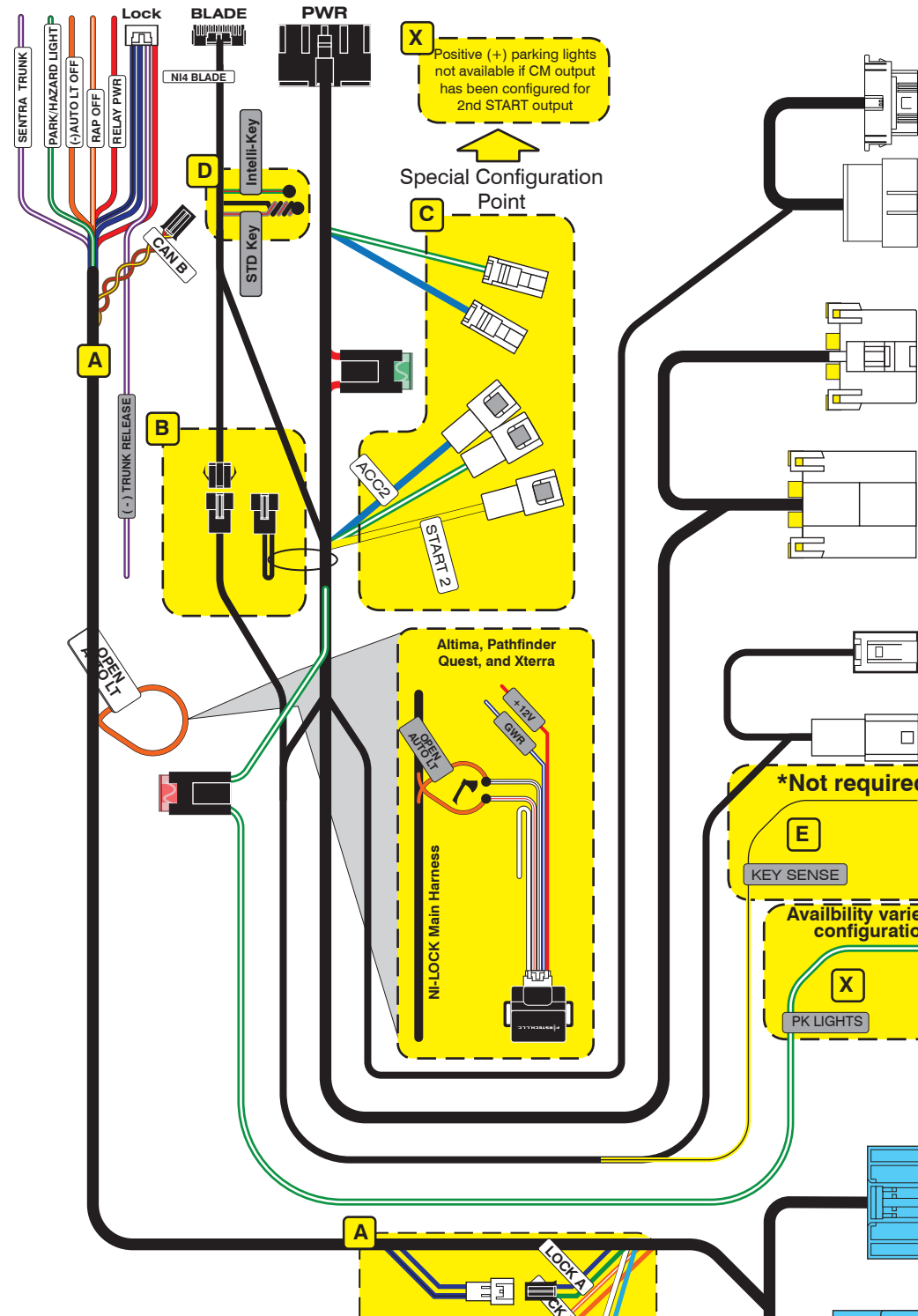
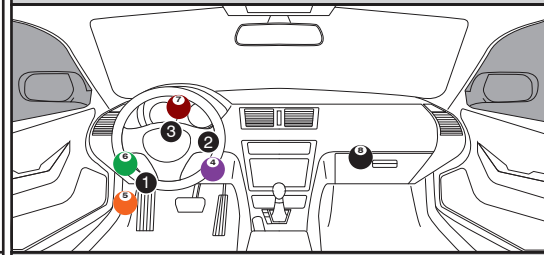
CM-900S/900AS

CM900AS/900S Jumper



FTI-NSK1 Type 2 - 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 **gray/red** wire to provided ground to disable data control of lock and unlock. This is required because the module does not handle arm/disarm functions of the factory alarm.
- E** Keysense connection, not required for NI4 (K) installations



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