



Update Alert: Firmware updates are posted to the web on a regular basis. We recommend you check for firmware and/or install guide updates prior to installation of this product.

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TECHNICAL SUPPORT / INFORMATION

XPRESSKIT



web resources:

www.xpresskit.com

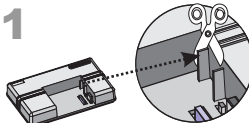

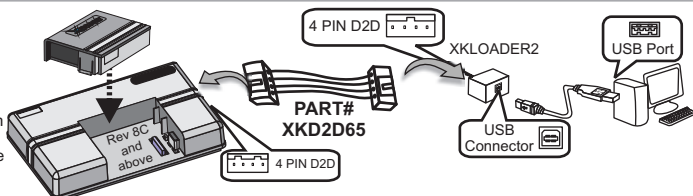
www.xpressvip.com

www.directechs.com

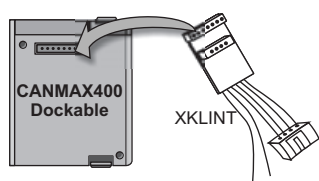
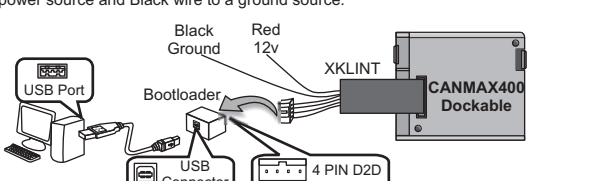
BOOTLOADING

If using a Remote/Alarm system with Rev 8B and below, please go to Option B.

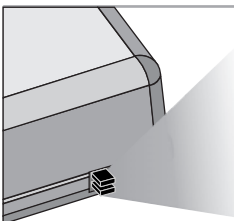


Option A: XKLOADER2

1 	Cut the lip Remove cover from Responder LE module and cut the lip to allow docking of module.	2  Jumper Before powering the system, make sure a jumper is placed on the two lower pins and no jumper is placed on the upper pins of the Responder LE.
3 First, you have to dock the CANMAX400 into the system. Connect USB cable to the Bootloader and plug USB to any available USB port on your PC. Then connect the XKD2D65 wire into the system in which you docked the CANMAX400, and connect the XKD2D65 to bootloader. 		

Option B: XKLINT

1 XKLINT Connect the 7 pin from the harness into connector of the CANMAX400 dockable. 	2 Connection to bootloader Connect USB cable to the Bootloader and plug USB to any available USB port on your PC. Next connect the wire adaptor cable into the bootloader, connect the 7 pin connector under the CANMAX400 module and finally connect Red wire to a 12v power source and Black wire to a ground source. 
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Jumpers settings

	Operating Position  Default jumper setting on Responder LE and operating mode for CANMAX400DEI.	Flashing Position  Setting for flashing the CANMAX400DEI when docked into the Responder LE.
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Vehicle Application Guide							PK- Bypass Transponder Data: NKR	DL- Door Unlock ALL doors	DL- Door Unlock Driver Priority	DL- Arm Factory Security	DL- Disarm Factory Security	DL- Trunk / Hatch Release	CC- Power seats memory	CC- Power mirror memory	CC- Radio channel memory	SS- Entry Status ALL Door Pins	SS- Entry Status Trunk/Hatch Pin	SS- Entry Status Drivers Door Pin	SS- Detect Factory Alarm Trigger	FOB Door Lock/Unlock Status	FOB Door Lock/Unlock Activation	MC - RAP Shut Off	MC - Keysense Status	RS- Tach Output	RS - RPM Status	RS - Ignition Status	RS- Crank (Start) Status
	2009	2008	2007	2006	2005	2004	2003																				
CADILLAC																											
Escalade				X	X	X	X																				
CHEVROLET																											
Avalanche				X	X	X	X																				
Silverado				X	X	X	X																				
Silverado Classic			X																								
Suburban				X	X	X	X																				
Tahoe				X	X	X	X																				
GMC																											
Sierra 1500, 2500, 3500				X	X	X	X																				
Sierra Classic 1500, 2500, 3500			X																								
Yukon Denali				X	X	X	X																				
HUMMER																											
H2			X	X	X	X	X																				

PK = Transponder & Immobilizer Override

DL = OE Door Lock & Alarm Controls

CC = Comfort & Convenience Controls

AV = Horn & Light control

SS = Entry Point Status -Security

FOB = Factory Remote Control Sync

RS = Engine Start & Status

NKR = No Key Required

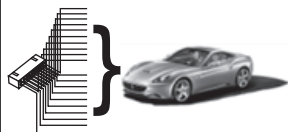
⊠ = Available in Wire to Wire & Data to Data mode

D = Available in Data to Data mode only

Installation procedures (overview)

Please Note: Failure to proceed in the following order could result in possible vehicle damage.

1



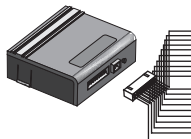
Wiring


Make all connections as per wiring schematics.

2 

Connect 20 pin to module

Connect the harness to the module.



 **CAUTION!**
20 pin connector can be easily plugged in backwards.

3

Jumpers

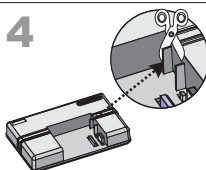


Jumper setting

Make sure both jumpers on Responder are in the **Horizontal** position to **Operate**.

*See pages 2 for bootloading CANMAX400DEI.

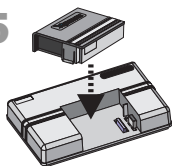
4



Cut the lip

Remove cover from Responder LE module and cut the lip to allow docking of module.

5



Dock it

Dock the module into Responder LE.

6

Connect and Powerup* the remote starter

Connect and powerup the remote starter according to it instructions. Once done, the bypass red LED will turn ON.

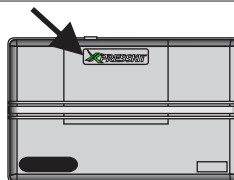


7

Module programming

(See details on page 5)

8



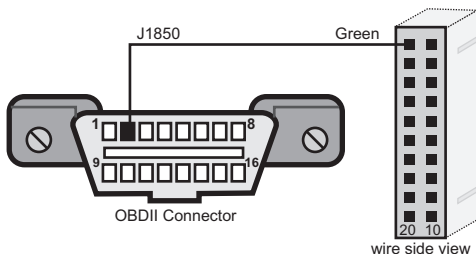
Ready to use*

Green LED will turn ON 3 seconds, and then turn OFF.

*If the module has never been programmed, the LED will come ON red, then change to Green when programmed. If the module is already programmed, the LED will come ON Green 3 sec and shut off.

For features & options programming, please go to pages 5.

INSTALLATION 20 PIN HARNESS



CANMAX400 - 20 PIN CONNECTOR					
PIN #	Color	IN or OUT	Negative or Positive	Connect location	Functions and/or activation
11	Green	Data	Data	Connect to OBDII connector, PIN 2.	J1850

MODULE PROGRAMMING

Please Note:

*See pages 2 for bootloading CANMAX400DEI.

Before programming CANMAX400DEI in either Viper™, Clifford™ or Python™, make sure both jumpers on the remote starter are placed in the **Horizontal** position.



1 When all connections are correctly done, the red LED will turn ON.



2 Turn the key to ignition or start.



3 The green LED turns ON for 3 seconds and shuts off. Remove the key.



Reset Module

- Disconnect the module from any power source (undock the module from the system).
- Press and HOLD the integrated programming button (IPB).
- While holding integrated programming button, connect the module to the power source (dock it again)
- Wait until the orange LED turns ON (should be 3 seconds)
- Release the integrated programming button (IPB).
- Reset is done.

Features Programming

To enter feature programming routine

- Turn the ignition ON, then OFF.
- Within 5 sec, press and HOLD the integrated programming button (IPB). The orange LED turns ON after 3 seconds. Release the IPB.
- The green LED starts flashing slowly one time to indicate the feature number is 1. After a short delay, the red LED flashes rapidly one time to indicate the current option of feature 1. It repeats until next action happens.



Accessing another feature

- Press and release the IPB a number of times to advance from the current feature to the next desired feature.
- The green LED flashes slowly the number of times equal to the feature number. After a short delay, the red LED flashes rapidly one time to indicate the current option of the current feature. It repeats until next action happens.

Changing feature options

- Press the arm or disarm button on aftermarket transmitter to change the option of the selected feature.
- The red LED flashes rapidly the number of times equal to the current option number. After a short delay, the green LED flashes slowly the number of times to indicate the current feature. It repeats until next action happens.

When the maximum number of feature or option is reached, the will LED starts flashing again from the first feature or option.

Once a feature is programmed

- Another feature(s) can be programmed.
- The feature programming can be exited.

Exiting feature programming

- No activity for 30 seconds; after 30 seconds, the orange LED will turn ON for 2 seconds to confirm exiting.
- OR
- Press and HOLD the IPB for 3 seconds. After 3 seconds, the orange LED will turn ON for 2 seconds to confirm exiting.

Features and Options List

*Default Option

Features	Operation	Option
1	Not Available	Not Available
2	Tach output	Disabled Enabled*
3	Unlock Driver Priority	OFF* ON
4	Relock when remote starter stops	OFF* ON

LIMITED ONE-YEAR CONSUMER WARRANTY

For a period of ONE YEAR from the date of purchase of a Directed Electronics remote start or security product, Directed Electronics. ("DIRECTED") promises to the original purchaser, to repair or replace with a comparable reconditioned piece, the security or remote start accessory piece (hereinafter the "Part"), which proves to be defective in workmanship or material under normal use, provided the following conditions are met: the Part was purchased from an authorized DIRECTED dealer; and the Part is returned to DIRECTED, postage prepaid, along with a clear, legible copy of the receipt or bill of sale bearing the following information: consumer's name, address, telephone number, the authorized licensed dealer's name and complete product and Part description.

This warranty is nontransferable and is automatically void if the Part has been modified or used in a manner contrary to its intended purpose or the Part has been damaged by accident, unreasonable use, neglect, improper service, installation or other causes not arising out of defect in materials or construction.

TO THE MAXIMUM EXTENT ALLOWED BY LAW, ALL WARRANTIES, INCLUDING BUT NOT LIMITED TO EXPRESS WARRANTY, IMPLIED WARRANTY, WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF NON INFRINGEMENT OF INTELLECTUAL PROPERTY, ARE EXPRESSLY EXCLUDED; AND DIRECTED NEITHER ASSUMES NOR AUTHORIZES ANY PERSON OR ENTITY TO ASSUME FOR IT ANY DUTY, OBLIGATION OR LIABILITY IN CONNECTION WITH ITS PRODUCTS. DIRECTED HEREBY DISCLAIMS AND HAS ABSOLUTELY NO LIABILITY FOR ANY AND ALL ACTS OF THIRD PARTIES INCLUDING DEALERS OR INSTALLERS. IN THE EVENT OF A CLAIM OR A DISPUTE INVOLVING DIRECTED OR ITS SUBSIDIARY, THE PROPER VENUE SHALL BE SAN DIEGO COUNTY IN THE STATE OF CALIFORNIA. CALIFORNIA STATE LAWS AND APPLICABLE FEDERAL LAWS SHALL APPLY AND GOVERN THE DISPUTE. THE MAXIMUM RECOVERY UNDER ANY CLAIM AGAINST DIRECTED SHALL BE STRICTLY LIMITED TO THE AUTHORIZED DIRECTED DEALER'S PURCHASE PRICE OF THE PART. DIRECTED SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGES FOR THE LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE. NOTWITHSTANDING THE ABOVE, THE MANUFACTURER DOES OFFER A LIMITED WARRANTY TO REPLACE OR REPAIR AT DIRECTED'S OPTION THE PART AS DESCRIBED ABOVE.

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This Interface kit / Data Bus Interface part has been tested on the listed vehicles. Other vehicles will be added to the select vehicle list upon completion of compatibility testing. Visit website for latest vehicle application guide. **DISCLAIMER:** Under no circumstances shall the manufacturer or the distributors of the bypass kit / data bus interface part(s) be held liable for any consequential damages sustained in connection with the part(s) installation. The manufacturer and it's distributors will not, nor will they authorize any representative or any other individual to assume obligation or liability in relation to the interface kit / data bus interface part(s) other than its replacement. N.B.: Under no circumstances shall the manufacturer and distributors of this product be liable for consequential damages sustained in connection with this product and neither assumes nor authorizes any representative or other person to assume for it any obligation or liability other than the replacement of this product only.

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