Update Alert www.XPRESSKIT.com

Although the XL-202 is already loaded with the correct sofware, firmware updates are posted to the web on a regular basis. It is important that you check for firmware and/or install guide updates prior to the installation of the bypass or XL-202.

Installation Guide

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TECHNICAL SUPPORT / INFORMATION

XPRESSKIT

web resources:
www.xpresskit.com
www.astrostart.com

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MODELS: AS-RFK1700
AS-RFK2300

Installation Guide

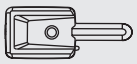
Rev.: 20110425

Included in the box for installation of either AUTOSTART AS-RFK with AutoStart firmware:

AutoStart RF kit, which includes a remote and a receiver antenna.

1700

(ASRA-2503BK)

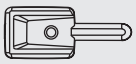


SH 433-120
(with RKE9-HAR
antenna cable)

OR

2300

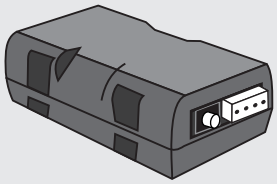
(ASRF-3503BK)



FM TW-130
(with RKE9-HAR
antenna cable)

AND

XL202 RFTD module



D2D crossed harness

You will also need:
XK Loader 2 or higher for web updates at www.xpresskit.com

These images are for example purposes only.
Your remote may be of a different model.

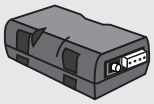
COMPATIBILITY

Range Extender* & Keyless entry

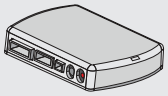
XK-family

The power (12V) must be applied last to the XK module.

OR +



DB-ALL



The RFTD feature of the DB-ALL must be turned ON and power (12V) must be applied last.

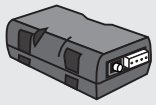
* Vehicles equipped with factory remote starter only

Remote starter standalone

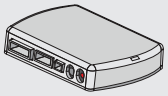
XK09

The power (12V) must be applied last to the XK module.

OR +



DB-ALL



The RFTD feature of the DB-ALL must be turned ON and power (12V) must be applied last.

Note 1: See XpressKit.com for vehicle application guide.
Note 2: Also works with CANMAX 400 (XK400), if available.

SYSTEM FUNCTIONALITY

This system includes all of the basic system fonctionalities of a remote starter. Here is a table of this system's capabilities.

1-way 1700	2-way 2300
Lock	Lock
Unlock	Unlock
Start*/Stop	Start*/Stop
Trunk	Trunk
Panic	Panic
AUX 1 / AUX 2	AUX 1 / AUX 2 / Status

* Run time depends on the bypass installed and on vehicle OEM starter runtime.

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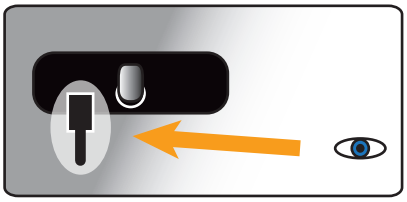
ANTENNA INSTALLATION



The RF module antenna must be installed inside the vehicle in the centre of the windshield, at least 9 cm (3 inches) below the roof liner with, depending on model, its “pole” pointing down or its antennas pointing horizontally. It is recommended to install the antenna so that it is “hidden” from the driver’s view by the rear-view mirror.

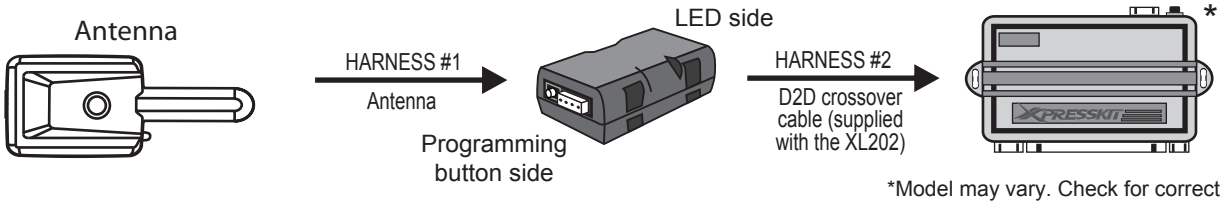
Peel off the tape on the RF module’s antenna and position the antenna on the windshield inside the vehicle.

Run the antenna cable between the roof and the roof liner, behind the left side “A” pillar trim and run it down under the driver’s dashboard.

Note: Some vehicles have a side-curtain airbag located in the left-side “A” pillar trim. It is very important to pass the antenna wire between the airbag and the actual metal of the “A” pillar to avoid obstructing the path of the airbag in the event of deployment.

HOW TO CONNECT

1. Connect the antenna to the XL-202 module using the antenna harness (#1 in the diagram).
2. Connect the bypass module to the 4-pin connector of the XL-202 using the crossover D2D harness supplied with the XL202 (#2 in the diagram).
3. Connect the bypass module’s wires to the vehicle according to the firmware install guide.



*Model may vary. Check for correct bypass model on the Xpresskit website.

DB-ALL: The RFTD feature must be turned ON.

ERASING ALL REMOTES FROM MEMORY

Important: Do not skip this step.
Erase all possible remotes from memory before proceeding with programming.

1. Disconnect harness from the XL202 module.
2. Press and hold the Programming button while reconnecting harness #2 to the XL202 module.
3. Keep holding the Programming button. The LED will stay on for 5 seconds, then it will start to flash quickly.
4. You can now release the button.

Once the module stops flashing, the memory content has been erased. The next step is to program all desired remotes.

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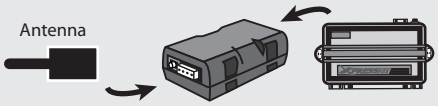
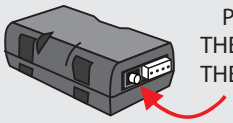
HOW TO PROGRAM A REMOTE INTO XL-202

1 a) Connect the antenna to the XL-202
b) Connect the XL-202 to the Xpresskit
c) Connect the Xpresskit to the vehicle



2 Press, release, then press and hold the programming button of the XL-202 to enter programming mode.



3 Press Lock or Unlock while holding the programming button to program the remote into the XL-202; the LED flashes once.

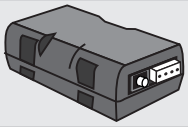
⚠ Important Note

There are 4 memory slots. Every time you program a new remote, you access the next memory slot, empty or not. After the 4th one is reached, it will go back to the 1st one, and so on.

PRESS ONE OF THESE BUTTONS ON THE REMOTE

* To program extra remotes, repeat steps 2 to 4 for each remote. (A maximum of four (4) remotes can be programmed in an XL-202.)

4 When programming is finished, release programming button on the XL-202.



5 Verify that all system functionalities work properly.

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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 GOVERNED BY THE APPLICABLE QUEBEC LAWS AND THE FEDERAL LAWS OF CANADA. ANY DISPUTE BETWEEN YOU AND Directed Electronics, RELATING TO THE HEREIN CONVENTION OR TO ANY CONNECTED QUESTION (COLLECTIVELY KNOWN AS THE "DISPUTES"), SHALL BE RESOLVED BEFORE THE COURT OF QUEBEC, IN CANADA, IN CONFORMITY TO QUEBEC LAWS. IN SUCH EVENT, YOU IRREVOCABLY ACCEPT TO EXCLUSIVELY ABIDE BY THE COURT'S DECISIONS REGARDING A GIVEN 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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LIMITED LIFETIME WARRANTY

ACCESSORIES

Directed warrants to the original consumer purchaser only (non-transferable) that it will replace any Directed accessory part for a one-year period from date of purchase. Accessories will only be replaced if proven defective in material or workmanship, and if, when the accessory is returned to the point of purchase, the retailer is provided with a copy of the proof of purchase. The accessory will be sent to the retailer for the consumer to claim within a 4 (four)-week period.

THE WARRANTY IS VOID IF:

1) The product has been damaged, altered in any way or tampered with, without the explicit written consent of a Directed technician. For remote starter modules, this includes the opening or removal of the plastic covering of the module, of the removal or alterationof the barcode label on the plastic covering of the module.
2) The product is damaged due to accident, fire, flood, shipping and handling, misuse, neglect, or other conditions beyond the control of Directed.
3) The product has been installed or repaired by anyone other than a certified technician.
4) The product has been improperly installed or used.

THE WARRANTY DOES NOT COVER:

1) Batteries
2) Scratched or worn transmitter cases
3) Installation and/or removal charges for all remote starter modules and accessories
4) Shipping and handling charges incurred for product exchange or replacement
5) Any material damages other than to the product itself
6) Harnessing, LED lights, switches, inverters, relays, etc.

THIS LIMITED LIFETIME WARRANTY SHALL CONSTITUTE THE SOLE LIABILITY OF DIRECTED FOR OUR PRODUCTS, AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. THERE ARE NO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NO PERSON, FIRM OR CORPORATION IS AUTHORIZED TO ASSUME FOR DIRECTED ANY OTHER LIABILITY WITH RESPECT TO THE SALE OR USE OF OUR PRODUCTS. DIRECTED'S LIABILITY, WHETHER BASED ON CONTRACT, TORT, WARRANTY, STRICT LIABILITY, OR ANY OTHER THEORY, SHALL NOT EXCEED THE PRICE OF THE INDIVIDUAL UNIT WHOSE DEFECT FOR DAMAGE IS THE BASIS OF THE CLAIM. UNDER NO CIRCUMSTANCE WILL DIRECTED, ITS DISTRIBUTORS OR THEIR AGENTS BEAR ANY LIABILITY WHATSOEVER FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

The parties here to elect that any dispute regarding the present dosument be submitted to the appropriate Court located in the Province of Quebec, Distric of Montreal. The parties hereto agree that this document is governed by and interpreted in accordance with the law of Quebec. If the purchaser is located in a province of Canada other than Quebec, all matters dealing with the warranty of quality will be governed by and interpreted in accordance with the United Nations Convention on Contracts for the International Sale of Goods (the "Vienna Convention").

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