> ⚠ **Update Alert**: Although the XL202 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 XL202.
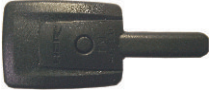
Installation Guide

This guide provides information on the installation of the 1710, 2315 and 2800 RF Kits from Autostart.

Index

Inside the Box

AS-RFK1710	AS-RFK2315	AS-RFK2800
ASRA-2510 FBK	ASRF-3515 FBK ASRF-1510 FBK	ASRS-7503 BKR ASRS-1553 BKR
SH 433-120 HDR	FM TW-130 HDR	SST 2-Way

OR ... OR

+

XL202

XL202 RFTD Module

&

D2D DATA TO DATA™

XOVER

⚠ **Notes:**
1. You will also need an XKLoader2 (or higher) for web updates at www.xpresskit.com.
2. The above images are for sample purposes only. Your remote may have a slightly different appearance.

Compatibility

Range Extender* & Keyless Entry

XK Family

XPRESSKIT

— OR —

DBALL

+

XL202

⚠ **Notes:**
- XK Family: The power (12v) must be applied last to the XK module.
- DBALL: The RFTD feature of the DBALL must be turned ON and the power (12v) must be applied last.
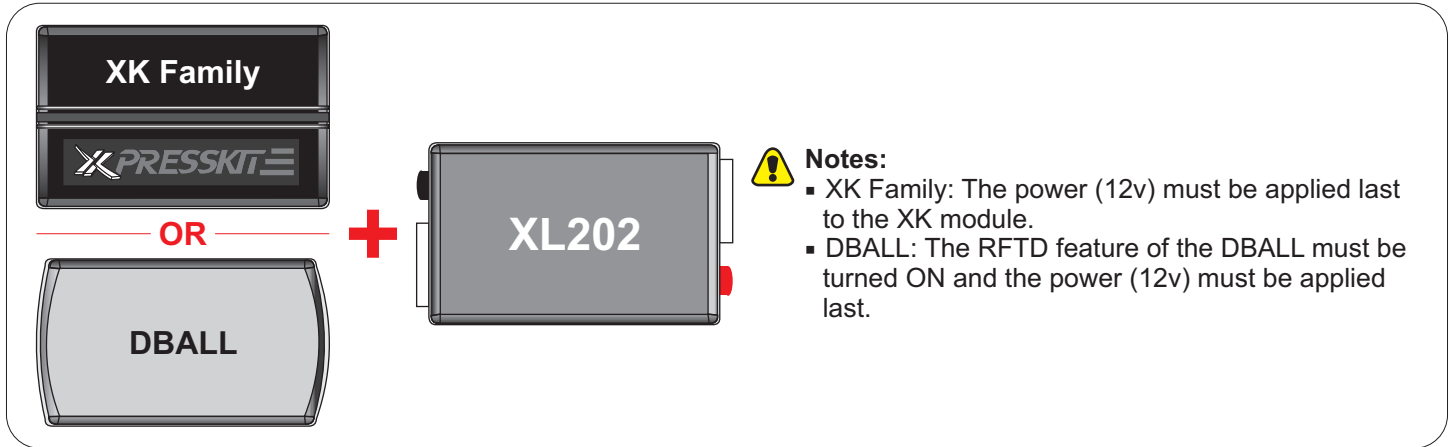
* Vehicles equipped with factory remote starter only.

Standalone Remote Starter

XK09

XPRESSKIT

— OR —

DBALL

+

XL202

⚠ **Notes:**
- XK Family: The power (12v) must be applied last to the XK module.
- DBALL: The RFTD feature of the DBALL must be turned ON and the power (12v) must be applied last.

⚠ **Notes:**
1. Visit www.xpresskit.com for vehicle application guide.
2. Also works with CANMAX400 (XK400), if available.

System Functionality

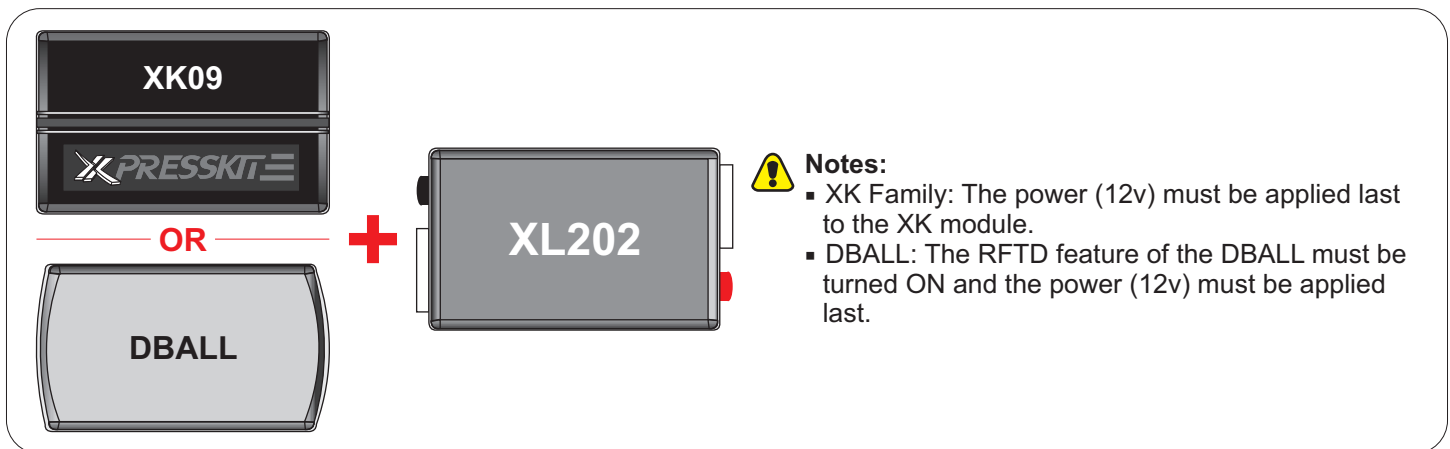This system includes all of the basic system functionalities of a remote starter. Here is a table of this system's capabilities.

1-way AS-RFK1710	2-way AS-RFK2315	2-way SST AS-RFK2800
Lock	Lock	Lock
Unlock	Unlock	Unlock
Start*/Stop	Start*/Stop	Start*/Stop
Trunk	Trunk	Trunk
Panic	Panic	Panic
AUX 1/AUX 2**	AUX 1/AUX 2/Status**	AUX 1/AUX 2/Status**

* Runtime depends on the installed bypass and on the vehicle OEM starter runtime.
** AUX features depend on the vehicle used in the installation.

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.
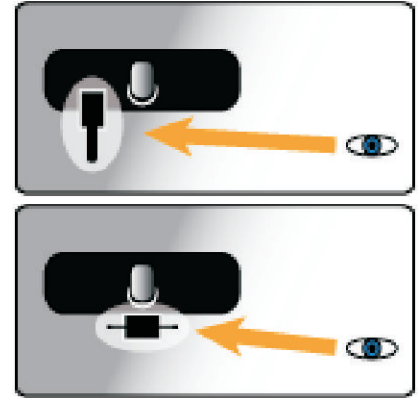
Making the Proper Connections

1. Connect the antenna to the XL202 module using the antenna harness (#1 in the diagram).

2. Connect the bypass module to the 4-pin connector of the XL202 using the crossover D2D harness supplied with the XL202 (#2 in the diagram).
   Note: Do NOT use the D2D cable supplied with the bypass module.

3. Connect the bypass module's wires to the vehicle according to the firmware install guide.

OR

HARNESS #1
Antenna

XL202

HARNESS #2
D2D crossover cable (supplied with the XL202)

* Model may vary. Check for correct bypass model on www.xpresskit.com.

⚠️ DBALL: The RFTD feature must be turned ON.

Pairing the AS-RFK1710 Remote with XL202

Spare remote part #:
ASRA-2510 FBK

1 Make sure that all the required components are connected.
Refer to the **Making the Proper Connections** section for more information.

2 Press, release, then press and hold the XL202 programming button to enter pairing mode.

Press, Release, then Press & Hold the Prog. Button

XL202

3 Press **Lock or Unlock** while holding the XL202 programming button to pair the remotes.

⚠ **Important Note!**

There are 4 memory slots. Every time you pair a new remote, you access the next slot, empty or not. Once the fourth one is reached, it will revert to the first one.

To pair extra remotes, repeat steps 4 to 6 for each one (**up to a maximum of 4 remotes**).

Keep Holding Prog. Button

XL202

Press Lock or Unlock

4 When the pairing sequence is completed, release the XL202 programming button.

Release the Prog. Button

XL202

5 Verify that all system functionalities work properly.

Pairing the AS-RFK2315 Remotes with XL202

Spare remote part #:
①ASRF-3515 FBK (2 way)
②ASRF-1510 FBK (1 way)

1 Make sure that all the required components are connected.
Refer to the **Making the Proper Connections** section for more information.

2 Press, release, then press and hold the XL202 programming button to enter pairing mode.

Press, Release, then Press & Hold Prog. Button → **XL202**

3 Press **Lock** or **Unlock** while holding the XL202 programming button to enter pairing mode.

⚠ **Important Note!**

There are 4 memory slots. Every time you pair a new remote, you access the next slot, empty or not. Once the fourth one is reached, it will revert to the first one.

To pair extra remotes, repeat steps 4 to 6 for each one (**up to a maximum of 4 remotes**).

Keep Holding Prog. Button → **XL202**

Press Lock or Unlock

4 When the pairing sequence is completed, release the XL202 programming button.

Release the Prog. Button → **XL202**

5 Verify that all system functionalities work properly.

Pairing the AS-RFK2800 Remotes with XL202

2-Way Transmitter/Receiver (ASRS-7503 BKR)

Spare remote part #:
ASRS-7503 BKR

1 Make sure that all the required components are connected.
Refer to the **Making the Proper Connections** section for more information.

2 Press and hold the ● button on the remote until it sounds a long beep and the screen displays **MAIN MENU** (takes approximately 12 seconds).

Note: After 3 seconds, you will see the Car 1/Car 2 signal; do NOT let go of the ● button.

MAIN MENU

Press & Hold
● Button
(side of remote)

3 Once you release the ● button, the screen displays **SETUP REMOTE**.

SETUP REMOTE

Release ● Button
(side of remote)

4 Press and release the **Trunk** or **Start/Stop** button until the screen displays **PAIR REMOTE**.

PAIR REMOTE

Press & Hold
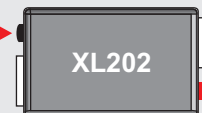Trunk or
Start/Stop Button
(side of remote)

5 Press the ● button until the remote sounds 3 beeps and displays **PAIR**.

Release the ● button; the remote is now in pairing mode.
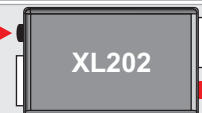
PAIR

Press & Release
● Button
(side of remote)

6 Press, release, then press and hold the XL202 programming button to enter pairing mode.

Press, Release,
then Press & Hold
Prog. Button

XL202

7 Press the remote **Lock** button while holding the XL202 programming button. The XL202 LED flashes and the remote screen displays **PASSED**.

If the remote pairing **FAILED**, press the **Lock** button once more.

Note: To pair extra remotes, repeat this step for each one without releasing the XL202 programming button (**up to a maximum of 4 remotes**).

Keep Holding
Prog. Button

XL202

PASSED

Press Lock
Button

8 When the pairing sequence is completed, release the XL202 programming button. Wait 30 seconds for remote to exit pairing mode.
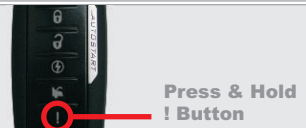
Release
Prog. Button

XL202

**DIRECTED®**
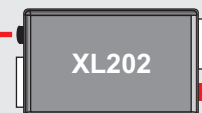
1-Way Transmitter (ASRS-1553 BKR)

Spare remote part #:
ASRS-1553 BKR

1 Make sure that all the required components are connected.
Refer to the **Making the Proper Connections** section for more information.

2 Press and hold the **!** button on the remote until it sounds a long beep and the LED turns ON solid (takes approximately 12 seconds).

Press & Hold
! Button

3 Press and release the **Start/Stop** button until the remote sounds 3 times and the amber LED turns ON solid.
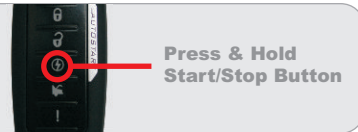
Press & Hold
Start/Stop Button

4 Press, release, then press and hold the XL202 programming button to enter pairing mode.

Press, Release,
then Press & Hold
Prog. Button

XL202

5 Press the remote **Lock** button while holding the XL202 programming button. The XL202 LED flashes.

Note: To pair extra remotes, repeat this step for each one without releasing the XL202 programming button (**up to a maximum of 4 remotes**).

XL202

Keep Holding
Prog. Button

Press Lock
Button
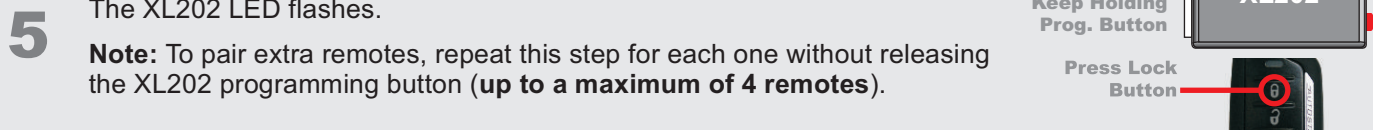
6 When the pairing sequence is completed, release the XL202 programming button. Wait 30 seconds for remote to exit pairing mode. All the remote LEDs will turn OFF when pair mode is exited.

Release
Prog. Button

XL202
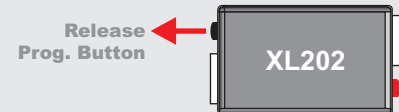
Limited One Year Consumer Warranty

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.

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920-0007 2009-09

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Protected by U.S. Patents: 5,719,551; 6,011,460 B1 *; 6,243,004 B1; 6,249,216 B1; 6,275,147 B1; 6,297,731 B1; 6,346,876 B1; 6,392,534 B1; 6,529,124 B2; 6,696,927 B2; 6,756,885 B1; 6,756,886 B2; 6,771,167 B1; 6,812,829 B1; 6,924,750 B1; 7,010,402 B1; 7,015,830 B1; 7,031,826 B1; 7,046,126 B1; 7,061,137 B1; 7,068,153 B1; 7,205,679 B1; Cdn. Patent: 2,320,248; 2,414,991; 2,415,011; 2,415,023; 2,415,027; 2,415,038; 2,415,041; 2,420,947; 2,426,670; 2,454,089; European Patent: 1,053,128; Pat. Pending: 2,291,306. Made in Canada.

Additional information can be found at:

www.xpresskit.com
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