GUIDE #KRRSFL8LT_QIG-June 29, 2021 9:33 AM



PRODUCTS COVERED:
KR-RS-FL8 / KR-RS-FL8LT
Remote Start From OEM Fob

Guide Revision Date: June 29, 2021 9:33 AM
Only For Kits With Harness P/N: H-KRRSFL8

Credits:
Some info, images, & graphics provided courtesy of Omega Research & Devleopment Technologies, Inc. and Automotive Data Solutions Inc.

DISCLAIMER: KICKYRIDE.COM, its employees, nor its affiliates accept any responsibility for any electrical damage to the vehicle or any other connected systems as a result of improper installation of this product. All wiring connections & vehicle compatibility must be verified by a professionally qualified technician prior to installation. Test all circuits to verify function before connecting. This guide is provided as a reference only.

VEHICLE COMPATIBILITY

Make	Model	Trim	Years
Ford	EcoSport	Push-to-Start Gas Automatic*	2018 - 2020
Ford	EcoSport	Std. Key Gas Automatic*	2018 - 2020
Ford	Edge	Push-to-Start 4/6 Cyl. Automatic	2015 - 2020
Ford	Edge	Std. Key 4/6 Cyl. Automatic	2015 - 2020
Ford	Escape	Push-to-Start Gas Automatic	2020 - 2020
Ford	Escape	Std. Key Gas Automatic	2020 - 2020
Ford	Expedition	Push-to-Start 6 Cyl. Automatic	2018 - 2020
Ford	Expedition	Std. Key 80-bit 6 Cyl. Automatic	2018 - 2020
Ford	Explorer	Push-to-Start 4/6 Cyl. Automatic*	2016 - 2020
Ford	Explorer	Std. Key 4/6 Cyl. Automatic*	2016 - 2020
Ford	F-150	Push-to-Start Automatic	2015 - 2020
Ford	F-150	Std. Key w/ OEM Keyless Entry Automatic	2015 - 2020
Ford	F-250	Push-to-Start 8 Cyl. Automatic	2017 - 2020
Ford	F-250	Push-to-Start Diesel Automatic	2017 - 2020
Ford	F-250	Std. Key w/ OEM Keyless Entry 8 Cyl. Automatic	2017 - 2020
Ford	F-250	Std. Key w/ OEM Keyless Entry Diesel Automatic	2017 - 2020
Ford	F-350	Push-to-Start 8 Cyl. Automatic	2017 - 2020
Ford	F-350	Push-to-Start Diesel Automatic	2017 - 2020
Ford	F-350	Std. Key w/ OEM Keyless Entry 8 Cyl. Automatic	2017 - 2020
Ford	F-350	Std. Key w/ OEM Keyless Entry Diesel Automatic	2017 - 2020
Ford	F-450	Push-to-Start Diesel Automatic	2017 - 2020
Ford	F-450	Std. Key w/ OEM Keyless Entry Diesel Automatic	2017 - 2020
Ford	Fusion	Push-to-Start Sedan 4 Cyl. Automatic	2014 - 2017
Ford	Fusion	Push-to-Start Sedan 4/6 Cyl. Automatic	2018 - 2020
Ford	Fusion	Push-to-Start Sedan Hybrid Automatic	2014 - 2020
Ford	Fusion	Push-to-Start Sedan Plug-in Hybrid Automatic	2018 - 2020
Ford	Fusion	Std. Key Sedan 4 Cyl. Automatic	2014 - 2020
Ford	Fusion	Std. Key Sedan Hybrid Automatic	2014 - 2020
Ford	Ranger	Push-to-Start Gas Automatic	2019 - 2021
Ford	Ranger	Std. Key Gas Automatic	2019 - 2021
Ford	Transit	Std. Key Diesel Automatic	2020 - 2020
Ford	Transit	Std. Key Gas Automatic	2020 - 2020
Ford	Transit Connect	Push-to-Start 4 Cyl. Automatic	2020 - 2020
Ford	Transit Connect	Std. Key 4 Cyl. Automatic	2019 - 2021
Lincoln	Aviator	Push-to-Start Automatic	2020 - 2020
Lincoln	Continental	Push-to-Start Sedan 6 Cyl. Automatic	2017 - 2020
Lincoln	Corsair	Push-to-Start Automatic	2020 - 2020
Lincoln	MKC	Push-to-Start 4 Cyl. Automatic	2015 - 2019
Lincoln	MKZ	Push-to-Start Sedan 4 Cyl. Automatic	2014 - 2018
Lincoln	MKZ	Push-to-Start Sedan 4/6 Cyl. Automatic	2019 - 2020
Lincoln	MKZ	Push-to-Start Sedan 6 Cyl. Automatic	2014 - 2018
Lincoln	MKZ	Push-to-Start Sedan Hybrid Automatic	2014 - 2020
Lincoln	Nautilus	Push-to-Start Automatic	2019 - 2020
Lincoln	Navigator	Push-to-Start 6 Cyl. Automatic	2018 - 2020

*** Vehicle must be equipped with factory hood switch.**

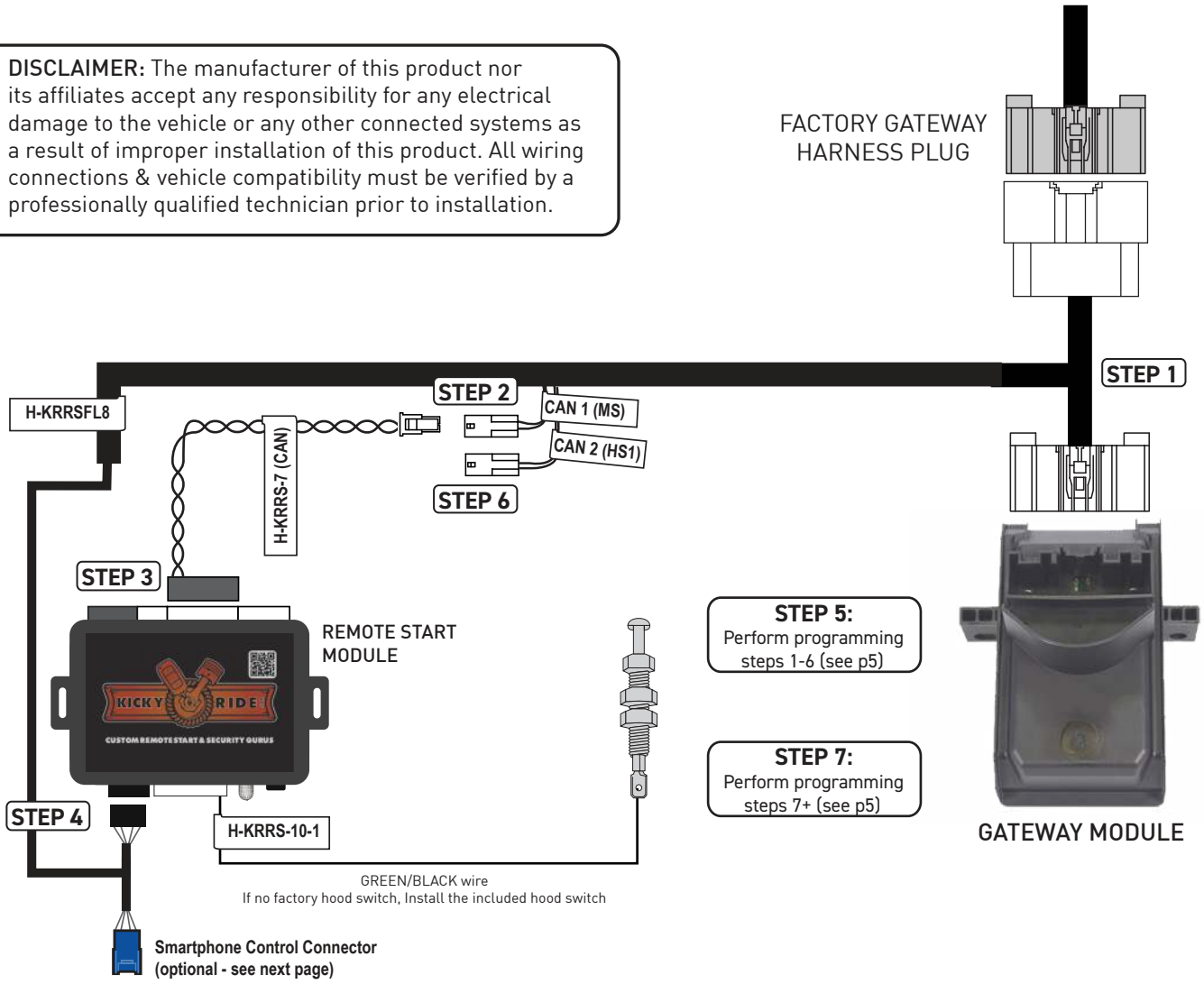
How to check for factory hood switch: Open the hood and turn the ignition on (do not start engine). If a hood switch is equipped, you will see a "Hood Ajar" message on the instrument cluster.

©2019 KICKYRIDE.COM (AutoCircuits, LLC. company)

GUIDE #KRRSFL8LT_QIG-June 29, 2021 9:33 AM

WIRING DIAGRAM FOR REMOTE START ONLY (w/ HARNESS P/N: H-KRRSFL8)

DISCLAIMER: The manufacturer of this product nor its affiliates accept any responsibility for any electrical damage to the vehicle or any other connected systems as a result of improper installation of this product. All wiring connections & vehicle compatibility must be verified by a professionally qualified technician prior to installation.



GATEWAY MODULE IS BUILT INTO THE BACK OF THE OBDII PLUG



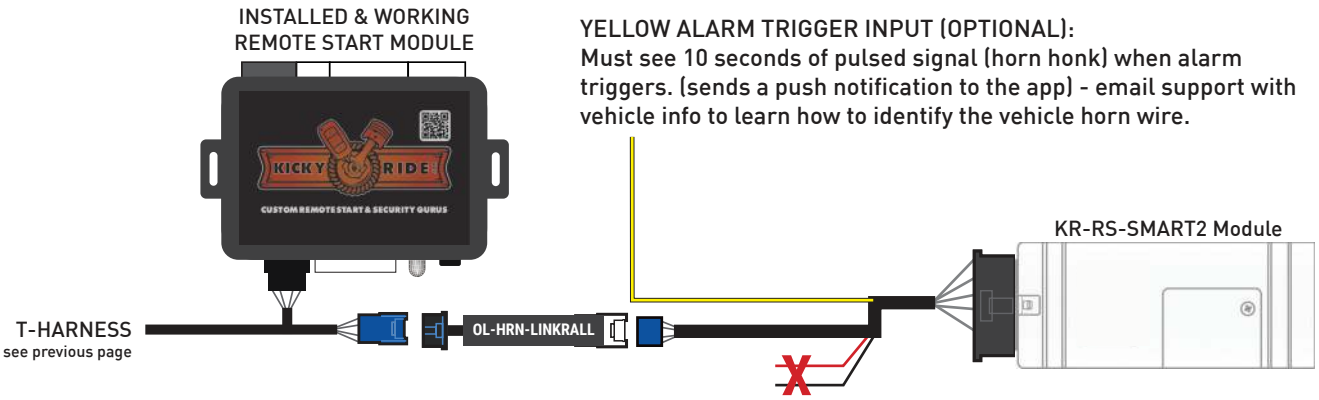
FORD EDGE GATEWAY MODULE IS LOCATED BEHIND THE DRIVER DASH, RIGHT SIDE OF STEERING COLUMN.



©2019 KICKYRIDE.COM (AutoCircuits, LLC. company)

GUIDE #KRRSFL8LT_QIG-June 29, 2021 9:33 AM

ADDING SMARTPHONE CONTROL w/ OPTIONAL P/N: KR-RS-SMART-2 (sold separately)



NOTES:
1) See user card included with KR-RS_SMART2 for app setup instructions.

Model:
KR-RS-SMART2

Add Plug-In Smartphone Control Anytime!

- 1st year of service included!
- Only $39.99/year afterwards
- Virtually unlimited range!
  (uses t-mobile & AT&T networks. Your phone can be on any network or wifi)
- GPS tracking included!



DISCLAIMER: The manufacturer of this product nor its affiliates accept any responsibility for any electrical damage to the vehicle or any other connected systems as a result of improper installation of this product. All wiring connections & vehicle compatibility must be verified by a professionally qualified technician prior to installation.

©2019 KICKYRIDE.COM (AutoCircuits, LLC. company)

GUIDE #KRRSFL8LT_QIG-June 29, 2021 9:33 AM

INSTALLATION STEPS

BEFORE BEGINNING INSTALLATION:
A factory hood pin switch is required on most vehicles for this system to work. You must check to make sure your vehicle supports hood pin status. How to check for factory hoodpin:
1) Open the vehicle's hood
2) Turn the vehicle's ignition on.
3) The instrument cluster will display "hood ajar" if the pinswitch is present and functioning. If not, you can purchase a factory hoodpinswitch and install it.

INSTALLATION:
1) Connect the main harness to vehicle's gateway module. Normally this can be accessed without removing any panels.
2) Make sure the "2-pin CAN" connector is plugged into the "CAN 1 (MS)" plug for the first portion of programming.
3) Press & hold the button on the module while connecting the 4 pin black plug from the harness. Once the module light flashes rapidly red, release the button.
4) Follow steps 1-6 in the programming instructionst on the next page.
5) Unplug the "2-pin CAN" connector from "CAN 1 (MS)" and connect it to the "CAN2 (HS1)" connector
6) Complete programming steps 7-13 on the next page.
7) OPTIONAL HOOD PIN INSTALL - If your vehicle does not have a factory hood pin, install the included hoodpin with these steps:
   - Find a good location in the radiator core support (most desirable) or along the hood drip rail (less desirable) that lines up with a flat low spot on your hood. The location should have access beneath it and clearance from any other components.
   - Drill a 1/4" hole at your chosen location.
   - Remove the bottom nut and star washer from the hood pin switch and insert it in the hole.
   - Reinstall the bottom star washer and nut then hand tighten to test height. Slowly lower your hood to check contact. It should NOT push the hood pin all the way down. About half way is desirable. Adjust the nuts to raise/lower the pin switch.
   - Tighten the nuts with the proper tools
   - Run a length of wire away from hot/moving parts and route through your firewall to te remote start module. Attach the wire to the remote start's GREEN/BLACK wire. Crimp the spade on the other end and attach to the pin switch.
8) Close all doors, hood, etc. and take your keys outside the vehicle.
9) Press LOCK on the factory fob 3 times within 5 seconds. Don't press too fast, the doors should lock 3 times. Your vehicle should crank up within a few seconds. Climate controls will honor your last used settings.
10) SMARTPHONE CONTROL INTERFACE INSTALL (OPTIONAL):
   - Plug in the LINKR harness as described on the previous page and temporarily mount the module in your chosen location. The side with the LED lights should be facing down (or away from largest opening) so the other side is facing the sky and blocked by metal. Metal will block GPS reception. Check LED light status to confirm reception.
   - After a few seconds, the LED lights on the unit will begin to flash. When the system has connectivity, both lights will stay on solid. If not, you may need to drive the vehicle to an open location to help.
   - The GREEN LED is cellular reception (T-mobile is the primary carrier). The RED LED is for GPS signal.
   - Follow the user card instructions to download & setup the APP.
11) Secure the module, harness, and any other components out of the way of any moving or hot parts of the vehicle.
12) **Reassemble the vehicle dash/interior.** NOTE: If you do this before testing the system, you may upset the install gods and the system could develop functional problems. Also don't get too upset if you accidentally injure yourself (scraped knuckle, cut finger, etc.). Blood offerings under the dash are considered a sign of good luck by many cultures!
13) MOST IMPORTANT STEP: Take pride in your work and enjoy your new level of comfort! Oh, and definitely brag to your friends.

If you have any problems, Contact us:
Phone/Text message: 706-395-KICK (5425)
Email: support@kickyride.com
Or visit www.kickyride.com and use our online chat window

Office Hours: 10AM-5PM Eastern Mon-Fri.
For **AFTER HOURS & WEEKEND SUPPORT** (existing customers only), send a text message or leave a voicemail at our office number above. We always have support personnel on call and they will reply as quickly as possible though same day service is not guaranteed. Thanks so much for being a valued KICKYRIDE customer.

©2019 KICKYRIDE.COM (AutoCircuits, LLC. company)

GUIDE #KRRSFL8LT_QIG-June 29, 2021 9:33 AM

VEHICLE PROGRAMMING STEPS

01 
CONNECT the harness as shown in the wiring diagram on the previous pages and make sure the 2-wire CAN connector is plugged into the "MS-CAN" connector.

02 

Set ignition to ON position.

03 
Wait, LED 1 will turn solid RED.

04 
Wait, LED 1 will flash GREEN once [1x].

05 
Wait, LED 1 will turn solid RED.

06 

Set ignition to OFF position.

07 
DISCONNECT 2-wire CAN connector from the "MS-CAN" and plug it into the "HS1-CAN" connector.

08 

Set ignition to ON position.

09 
Wait, LED 1 will turn solid RED.

10 
Wait, LED 1 will flash GREEN rapidly.

11 
Wait, LED 1 will turn solid GREEN for 2 seconds.

12 

Set ignition to OFF position.

13 
Module Programming Procedure completed.

VALET MODE

>> 
NOTE: In Valet Mode, the Remote starter is not functional. Keyless entry, Lock and Unlock will remain functional. See RF kit user manual for alternate valet mode programming.

01 
Time restriction. Complete next step within 7 seconds.

02 

Cycle ignition ON five times [5x OFF/ON] rapidly.

03 
Wait, LED 1 will turn solid RED for 2 seconds.

>> 
To exit valet mode: repeat steps 1 to 5.

04 

Set ignition to OFF position.

05 
Valet Mode Programming Procedure completed.

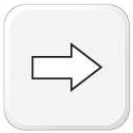
©2019 KICKYRIDE.COM (AutoCircuits, LLC. company)

GUIDE #KRRSFL8LT_QIG-June 29, 2021 9:33 AM

OPTION PROGRAMMING PROCEDURE

>> 
It is mandatory to exit the Module Navigation at the end of this procedure. Failure to exit the Module Navigation will drain vehicle battery. To exit the Module Navigation at any time: Follow STEP 13.

>> 
Module must be programmed to the vehicle.

>> 
Use the options chart below.

01 

Set ignition to OFF position.

02 
TO ACCESS THE MENUS: Press and hold programming button until LED 1 turns solid GREEN.

03 

IN THE MENUS: Press the programming button as many times as the menu number indicates. LED 1 will flash GREEN an equal amount of times continuously.

04 
TO ACCESS THE OPTIONS: Press and hold programming button until LED 1 turns solid RED.

05 

IN THE OPTIONS: Press the programming button as many times as the option number indicates. LED 1 will flash RED an equal amount of times continuously.

06 
TO ACCESS THE SETTINGS: Press and hold programming button until LED 1 turns solid GREEN.

07 

LED 1 will flash GREEN as many times as the current (or default) setting number, continuously.

08 

IN THE SETTINGS: Press the programming button as many times as necessary to access your setting. LED 1 will flash GREEN an equal amount of times continuously.

09 
To return to the MENUS: exit the Module Navigation and redo the Module Navigation Procedure.

10 
To save and return to the OPTIONS: Press and hold programming button until LED 1 turns solid RED.

11 

LED 1 will flash RED as many times as the current option number continuously.

12 
Configure every other setting and proceed to step 13.

13 
MANDATORY: EXIT MODULE NAVIGATION. Press and hold programming button for 7 seconds. LED 1 will flash RED rapidly. Release programming button. LED 1 will turn OFF.

14 
Module navigation completed.

>> 
Failure to exit the Module Navigation will drain vehicle battery.

PROGRAMMABLE OPTIONS

MODULE NAVIGATION CHART: NOTES	[X] MENUS		[Y] OPTIONS		[Z] SETTINGS	
I Default settings are listed in bold. II Make sure the option is covered on the vehicle before attempting to change the setting.	01	CONFIGURATION	01-04	N/A	01	N/A
			05	TAKEOVER	**01**	**ENABLE**
					02	DISABLE*
			06	N/A	01	N/A
			07	FACTORY KEYLESS RS SEQUENCE	01	DISABLE
					02	N/A
					03	LOCK + UNLOCK + LOCK
					04	**LOCK + LOCK + LOCK**
			08	MODULE RUN TIME	01	03 MIN
					02	05 MIN
					03	10 MIN
					04	15 MIN
					05	25 MIN**
					06	30 MIN**
					07	35 MIN**
					08	**15 MIN**
			09-12	N/A	01	N/A
	02-07	Technical Support only	01	N/A	01	N/A

*Vehicle will shutdown when a door is opened.
**The maximum runtime for 2013 models is 2 x 10 minutes or 1 x 15 minutes.

©2019 KICKYRIDE.COM (AutoCircuits, LLC. company)

REMOTE START TROUBLESHOOTING

SYSTEM WILL NOT PROGRAM TO VEHICLE:
- Double check vehicle compatibility on the first page of this guide. Make sure your vehicle matches all requirements.
- Make sure the 2 pin "H-KRRSFL8-7 (CAN)" connector is connected to "CAN 1 (MS)" before programming
- Perform a module reset and begin programming again. NOTE: THIS WILL RETURN ALL FEATURES TO DEFAULT SETTINGS.
- Make sure all zones are closed and that the optional hood pin (if used) is properly adjusted.

MODULE RESET PROCEDURE

01  Disconnect the BLACK 4-PIN connector from the remote start module.

02  PRESS AND HOLD programming button while re-connecting the BLACK 4-PIN connector to the remote start module.

03  Continue holding the button until the LED flashes RED. RELEASE programming button.

04  The LED will turn RED for 2 seconds then turn off.

05  Module RESET completed.

06  Repeat programming procedure.

>>  Failure to follow procedure may result with a DTC or a CHECK ENGINE error message.

SYSTEM PROGRAMMED BUT REMOTE START IS NOT ACTIVATING:
- Makes sure all doors, hood, tailgate/trunk are closed before activating remote start.
- Your vehicle will not allow remote start if the check engine light or low fuel light is on.
- If you are getting hazard flashes a few seconds after attempting, this means you've made too many remote start requests. You must drive the vehicle to enable remote start again.
- Make sure the optional hood pin (if used) is properly adjusted.
- For LOCK, LOCK, LOCK activation, make sure you press all three in ~3 seconds (you should hear 2 horn honks)
- For LOCK, UNLOCK, LOCK activation, make sure all 3 presses are done in ~3 seconds (the doors should LOCK, UNLOCK, LOCK)
- The system may have been accidentally placed in valet mode. Perform the valet mode procedure to exit.

SMARTPHONE CONTROL TROUBLESHOOTING

REMOTE START WORKS FROM THE FOB BUT NOT FROM MY APP:
- Double check the order in which you have the harnesses connected. See the wire diagraom on page 5.
- Make sure the app shows a green signal icon (next to the battery icon). If it is gray, the system is out of cellular coverage. Move the vehicle to a better location.
- The smartphone module/app is default for 'ADS' protocol. On the app control screen, press the gear icon, then press 'Settings'. Check that the protocol is set to 'ADS'. If not, press and hold the protocol for 5+ seconds and change it as needed.

DISCLAIMER: The manufacturer of this product nor its affiliates accept any responsibility for any electrical damage to the vehicle or any other connected systems as a result of improper installation of this product. All wiring connections & vehicle compatibility must be verified by a professionally qualified technician prior to installation.

©2019 KICKYRIDE.COM (AutoCircuits, LLC. company)