



RSFD3A

Ford 2020 F-150, 2020-2022 F-250/350/450 ,2020-2023 Ranger, 2015-2020 Edge, 2020 Escape, 2018-2020 Expedition, 2016-2020 Explorer, 2022 Maverick (Gas and Hybrid) WITH KEY START

* For automatic transmission vehicles only

You may view a high-resolution color version of this guide online at : http://install.kleinn.com/RSFD3A or by scanning this QR code.

-This remote start connects through the gateway plug and activates the factory remote start that is built in to these vehicles but not turned on by the dealership.

-This is a pre-wired plug and play kit. No wire connections are required in to the truck for basic installation. The kit also includes wiring for the optional parking light flash feature. If used, that feature requires three wire connections.

-We have already loaded the correct software into the remote start module. You will need to pair the module to your key when the installation is complete. Instructions begin on page 4.

-Depending on how the vehicle was prepped by the Ford dealer, you may need to bring the truck to the dealer or use a Forscan tool to enable the remote start climate controls on the dash cluster. Once the remote start controls in the dash cluster are enabled, the user can adjust run time and climate control.

Step 1: Download and install Flash Link Manager software

**The Flash Link Manager (FLM) software only works on a Windows computer and requires a USB port and an internet connection. Enter the following link into your web browser, then download and install the software:

https://fortin.ca/en/support/flashlinkmanager.html

Next, open the software and log in with the following credentials:

email: flash@kleinn.com password: Flash2020

Once the (FLM) software installed and open, then connect the Flash Link Updater (FLU) to the USB port of your Windows computer. The (FLM) software will detect (FLU) and display a message that the module is not connected, this is normal. Do not plug the remote starter into the (FLU) tool until you have completed the wiring and vehicle programming procedure at step 3. Leave the computer and software in this state ready to plug the module in when the time comes, and proceed with the wiring connections.



Tip #1 – Where Everything Goes

Remote Start Module – the wiring for the module is done under the dash on the driver's side, so you'll want to install the module in that general area. Before you start wiring, look for a location where there's some open space that will fit the module. Pay attention to moving parts like the pedals, e-brake and steering column. Be sure to route your wiring away from those areas.

STEP 2: Check for OEM hood pin.

Visually inspect the hood latch assembly and locate the wiring connector that plugs in to the factory hood pin. If the connector is plugged in to the hood latch assembly, the vehicle has a factory hood pin and you can proceed to Step 2. If the connector is not plugged in, then there is no factory hood pin and you will need to use the small red jumper provided with the kit to short the two terminals inside the connector.



STEP 3: Connect the remote start harness to the Gateway Plug

Reach behind the OBD2 port and release the locking tabs that hold the Gateway Plug into the back of the OBD2 port. Insert the male Gateway Plug you just removed in to the female receptacle on the Kleinn remote start harness. Then insert the male connector from the Kleinn harness back in to the rear of the OBD2 port. Basic wiring is now complete.

STEP 4: (Optional): Connect the parking lights. This feature will illuminate the parking lights while the vehicle is running on the remote start.

Parts Required

- White 20-Pin Connector "A"
- Red 6-Pin Connector "B"

Follow these simple wiring steps:

Locate the 14-pin black connector behind the vehicle parking light switch

- Attach the Green/Red wire from the remote start White 20-Pin connector on to the Grey wire at pin position 11 on the parking light switch connector. Do not cut the wire in the vehicle just do a 'tap on' connection.
- Locate the Black/Purple wire at pin position 4 on the parking light switch connector. You will need to cut this wire and make butt-connections on to both ends so make sure to leave enough wire to work with on both sides of your cut.
- Butt-connect the Yellow/Red wire from the remote start 6-pin Red connector to the end of the cut Black/ Purple wire that is going to the parking light switch connector.
- Butt-connect the Yellow/Green wire from the remote start 6-pin Red connector to the remaing end of the cut Black/Purple wire.

System wire diagram

Ford 2020 F-150, 2020-2022 F-250/350/450 ,2020-2023 Ranger, 2020 Escape, 2018-2020 Expedition, 2016-2020 Explorer, 2022 Maverick (Gas and Hybrid)



System wire diagram 2015-2020 Edge



Step 5: Programming

Begin with all plugs disconnected from the remote start brain, then perform the programming steps below:



CONTINUED NEXT PAGE





Close it Up

Now gather up all of your wiring and neatly bundle it together using zip ties or electrical tape. Find a secure place to put the remote start module and use zip ties to secure it. **Make sure that the remote start wires are not near any moving parts on the steering wheel, pedals or emergency brake!** Re-Install any panels that were removed to gain access to key switch in reverse order they were removed. ENJOY!

Functionality: Key Start Vehicles



If you have any installation questions or problems, call for tech support

520.579.1531 Copyright 2020 Kleinn Automotive Accessories