



# '21-'22 FORD F-150

7015PG-B Gas Tuning Instructions



2.7L Ecoboost

3.3L PFDI

3.5L Ecoboost

5.0L Coyote



[www.sctflash.com](http://www.sctflash.com)

## SETUP:

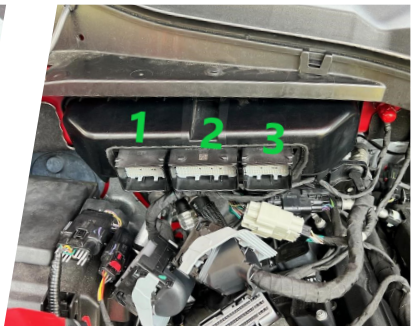
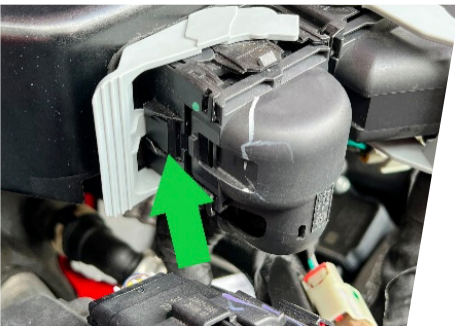
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1. Ensure vehicle is turned off and parked safely.
2. Fully open the hood and ensure it is secured.
3. Locate the ECU on the firewall on the passenger's side of the vehicle (see green arrow below).



4. Be sure to release the locking tab (green arrow below) before moving gray connector arm. Disconnect all 3 of the ECU connectors.

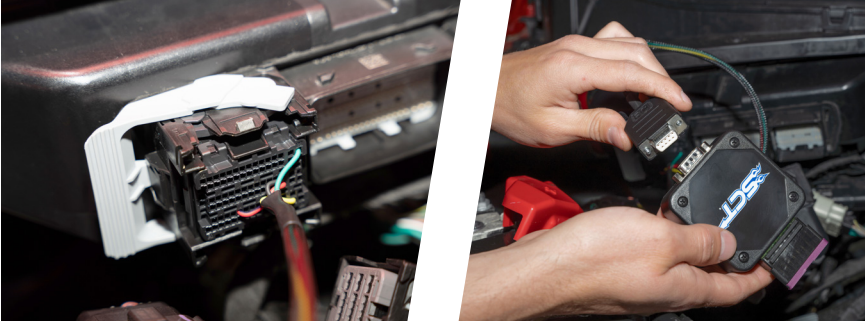
**Note: You MUST disconnect ALL 3 connectors anytime you are installing or uninstalling your tune.**



## SETUP:

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5. Connect the ECU connector provided with the X4 to connection 1 on the ECU as show above and to the SCT Box.



6. Connect the X4 to the SCT box using the OBDII cable,



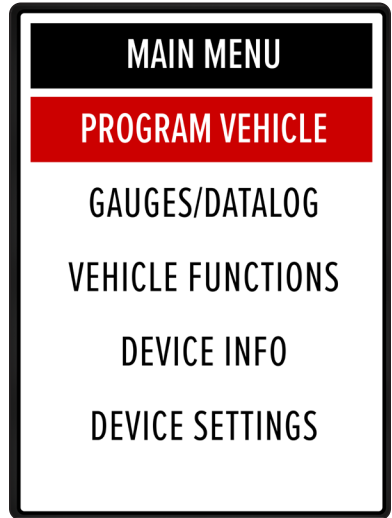
7. Connect the SCT box to the battery using the battery clamps provided. **Battery Clamps Install: Red to positive, black to negative.**



# LOADING YOUR CUSTOM TUNE:

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1. Be sure you have completed the setup steps on Page 1 & 2.
2. On the X4 select **PROGRAM VEHICLE**.



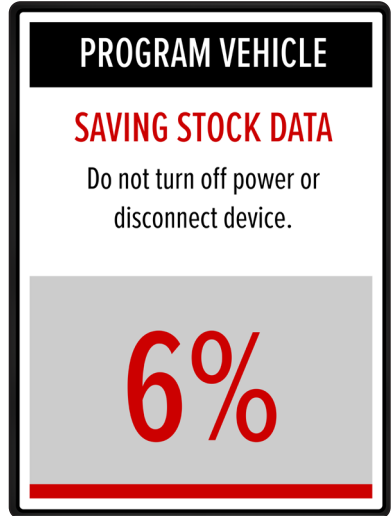
3. Review and accept the **STREET USE NOTICE**.



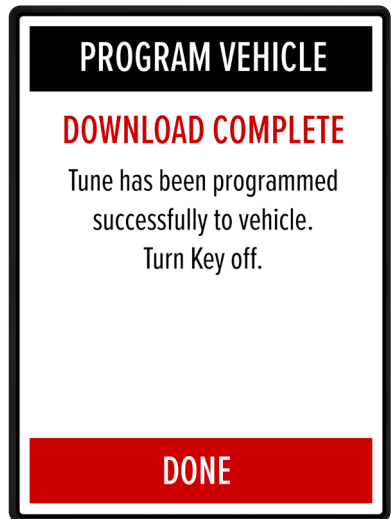
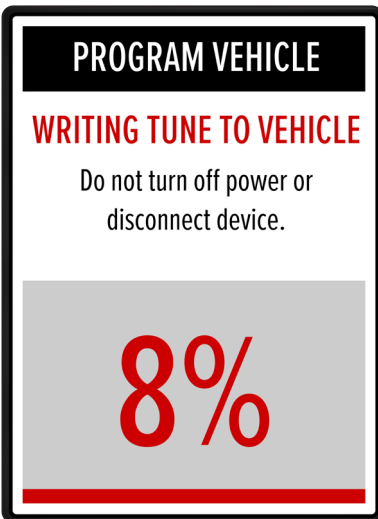
# TUNE INSTALL – CONTINUED:

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4. Select which Custom Tune file you want to program.
5. If this is your first flash, you will see **SAVING STOCK DATA**. This is normal.



6. The X4 will now program in the custom tune file. When complete, reconnect the ECU by disconnecting the battery clamps and reconnecting all 3 ECU connections.



## Special Functions

These functions are not available for all applications. If you are unsure if your vehicle supports this function, you can chat with our Sales Team using the "Contact Support" button below.

There are 2 different processes to apply these changes to your tune depending on the year of your vehicle.

### 1. User Adjustable Options-

- During the install process, you will get an option for "User Adjustable Options" where you can define changes to your tune that are available.
- If you do not see the option for Tire Size or TPMS functions then proceed to the 2nd process below.

### 2. Special Functions-

- Install your desired tune into your vehicle from your device
- From the main menu, select "Vehicle Functions"
- Choose your function and press "apply"



# PRELOADS:

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Preloads must be flashed while connected to the ECM while under the hood.

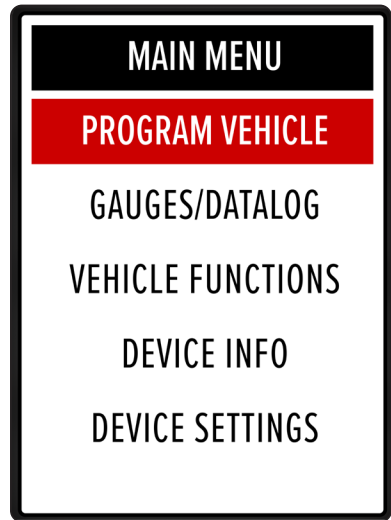
## USING PRE-LOADED TUNE FILES

1. Be sure you have completed the setup steps on Page 1 & 2.
2. On the X4 select **PROGRAM VEHICLE**.
3. Review and accept the **STREET USE NOTICE**.
4. The device will show you a selection of vehicles and engine sizes. Select yours here.
5. This will take you to Adjustable Options where you will be able to adjust to different performance levels, vehicle characteristics.
6. Axle ratio and Tire size found in Special Functions options.
7. Select Continue to flash the vehicle.

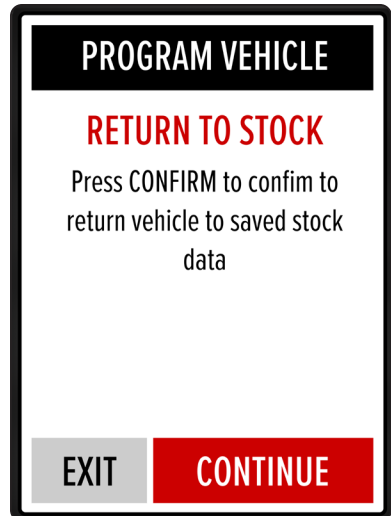
# RETURNING YOUR VEHICLE TO STOCK:

## Return to stock

1. Be sure to have the device setup using the steps above.
2. On the X4 select **PROGRAM VEHICLE**.



3. Review and accept the Street Use Notice and press **RETURN TO STOCK**.
4. Confirm Return to Stock.

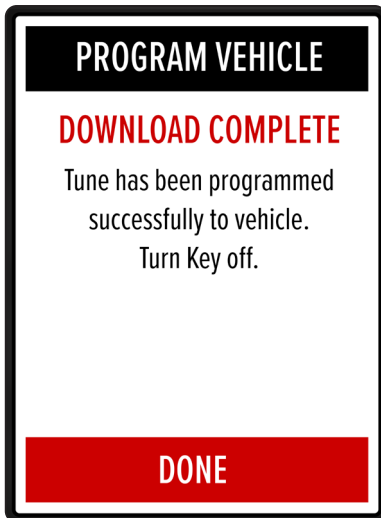
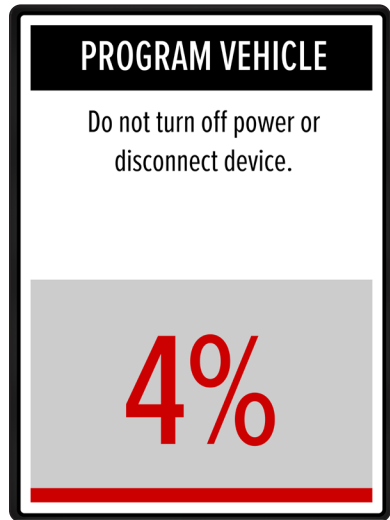




# TUNE INSTALL – RETURNING TO STOCK

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5. The X4 will now program in the stock file.



6. When complete, reconnect the ECU.

## LIVELINK GEN-II / ADVANTAGE III

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To use LiveLink or Advantage III with the 2021-2022 F-150 please update to the current release version including any outstanding database update.

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**LIVELINK GEN-II:** Version 2.9.4.0 or newer, including any outstanding database updates.

**ADVANTAGE 3:** Version 3.4 Build 22305.0 or newer.



For technical assistance please go to  
[www.scflash.com](http://www.scflash.com) and click support.