BDX
PERFORMANCE PROGRAMMER

2020-2021 FORD F250 / F350 6.7L TUNING INSTRUCTIONS

SETUP:

1. Ensure vehicle is turned off and parked safely.
2. Fully open the hood and ensure it is secured.
3. Locate the ECU in the firewall on the passenger's side of the vehicle (See Green Arrow)

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.

BULLY DOG

2020-2021 FORD F250 / F350 6.7L TUNING INSTRUCTIONS

SETUP:

5. Connect the ECU connector provided with the BDX to connection 1 on the ECU as shown above and to the Bully Dog box.

6. Connect the BDX to the Bully Dog box using the OBDII cable.

7. Connect the Bully Dog box to the battery using the battery clamps provided. Battery Clamps Install: Red to positive, black to negative.
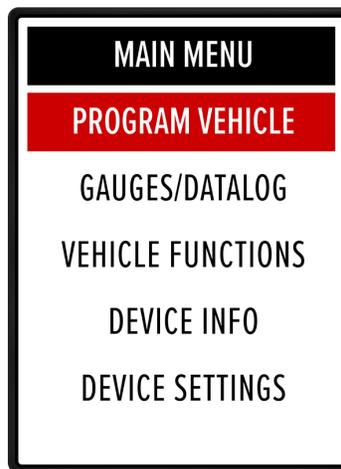
TUNING YOUR ECU:

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

MAIN MENU

PROGRAM VEHICLE

GAUGES/DATALOG

VEHICLE FUNCTIONS

DEVICE INFO

DEVICE SETTINGS

3. Review and accept the STREET USE NOTICE.

PROGRAM VEHICLE

STREET USE NOTICE

This device is NOT legal for sale or use in California on an pollution controlled motor vehicles.
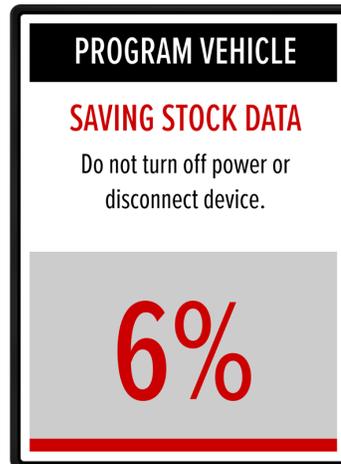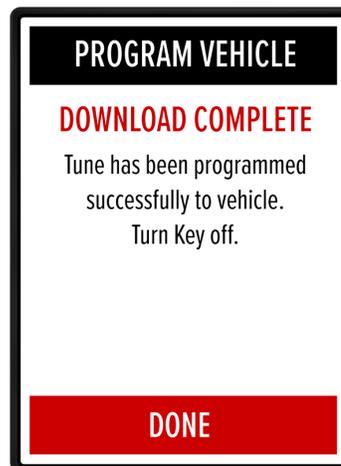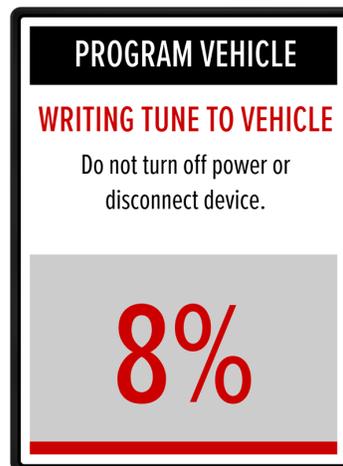Press CONTINUE to start programming

EXIT   CONTINUE

2020-2021 FORD F250 / F350 6.7L TUNING INSTRUCTIONS

TUNING YOUR ECU:

4. Select which Preloaded or Custom Tune file you want to program.

5. If this is your first flash, you will see SAVING STOCK DATA. This is normal.

PROGRAM VEHICLE

SAVING STOCK DATA
Do not turn off power or disconnect device.

6%

6. The BDX will now program in the Preloaded or Custom Tune file. When complete, reconnect the ECU by disconnecting the battery clamps and reconnecting all 3 ECU connections.
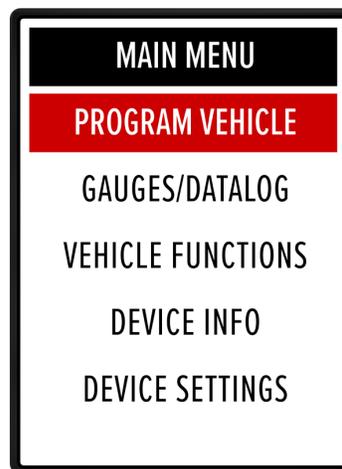
PROGRAM VEHICLE

WRITING TUNE TO VEHICLE
Do not turn off power or disconnect device.

8%

PROGRAM VEHICLE

DOWNLOAD COMPLETE
Tune has been programmed successfully to vehicle. Turn Key off.

DONE

2020-2021 FORD F250 / F350 6.7L TUNING INSTRUCTIONS

TUNING YOUR TCU:

7. Your ECU is now tuned, plug the BDX OBDII cable into your OBDII port under your dash to begin programming your TCU.
8. On the BDX select PROGRAM VEHICLE.

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+---------------------------+
|        MAIN MENU          |
+---------------------------+
|     PROGRAM VEHICLE       |
|                           |
|     GAUGES/DATALOG        |
|                           |
|    VEHICLE FUNCTIONS      |
|                           |
|       DEVICE INFO         |
|                           |
|     DEVICE SETTINGS       |
+---------------------------+
```

9. Review and accept the STREET USE NOTICE.

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+---------------------------+
|     PROGRAM VEHICLE       |
+---------------------------+
|     STREET USE NOTICE     |
|                           |
|  This device is NOT legal for |
|  sale or use  in California on |
|  an pollution controlled motor |
|        vehicles.          |
|  Press CONTINUE to start  |
|       programming         |
|                           |
|  [ EXIT ]  [ CONTINUE ]   |
+---------------------------+
```

10. Follow the on-screen key prompts.

TUNING YOUR TCU:

11. If this is your first flash, you will see SAVING STOCK DATA. This is normal.

PROGRAM VEHICLE	PROGRAM VEHICLE
Do not turn off power or disconnect device.	**PREPARING PROCESSOR** Do not turn off power or disconnect device.
4%	**37%**

12 After stock has been saved the device will begin the tuning process.

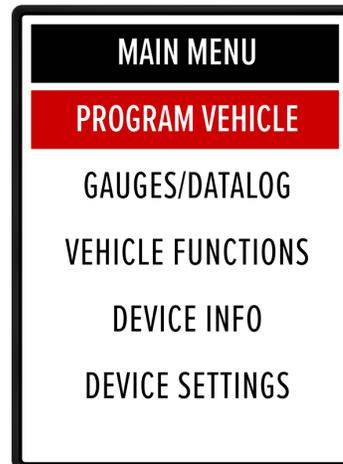| PROGRAM VEHICLE	PROGRAM VEHICLE
TCU-Downloading Tune Do not turn off power or disconnect device.	**DOWNLOAD COMPLETE** Tune has been programmed successfully to vehicle. Turn Key off.
60%	**DONE**

13. When complete, turn the key off and select DONE to return to the main menu. Tuning is now complete, you can disconnect the BDX.
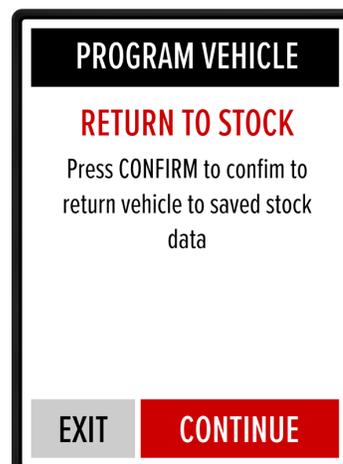
RETURN YOUR ECU TO STOCK:

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

MAIN MENU

PROGRAM VEHICLE

GAUGES/DATALOG

VEHICLE FUNCTIONS

DEVICE INFO

DEVICE SETTINGS

3. Review and accept the STREET USE NOTICE and press RETURN TO STOCK.
4. Confirm Return to Stock.

PROGRAM VEHICLE

STREET USE NOTICE

This device is NOT legal for sale or use in California on an pollution controlled motor vehicles.
Press CONTINUE to start programming

EXIT | CONTINUE

PROGRAM VEHICLE

RETURN TO STOCK

Press CONFIRM to confim to return vehicle to saved stock data

EXIT | CONTINUE

BULLY DOG

RETURN YOUR ECU TO STOCK:

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

PROGRAM VEHICLE

Do not turn off power or
disconnect device.

4%

6. When complete, reconnect the ECU.

PROGRAM VEHICLE

DOWNLOAD COMPLETE

Tune has been programmed
successfully to vehicle.
Turn Key off.

DONE
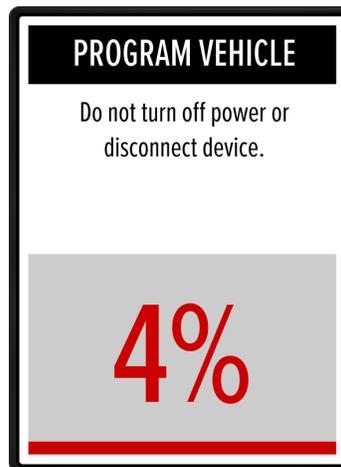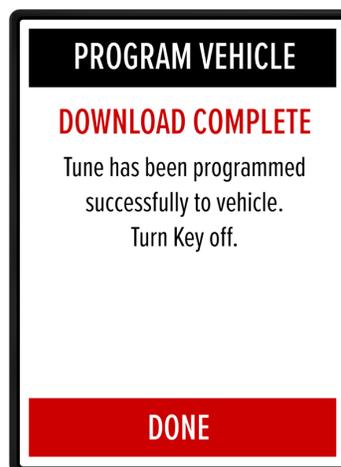
2020-2021 FORD F250 / F350 6.7L TUNING INSTRUCTIONS

RETURN YOUR TCU TO STOCK:

1. PLUG INTO OBDII

2. On the BDX select PROGRAM VEHICLE.

```
┌─────────────────────────┐
│       MAIN MENU         │
├─────────────────────────┤
│    PROGRAM VEHICLE      │
│                         │
│    GAUGES/DATALOG       │
│                         │
│   VEHICLE FUNCTIONS     │
│                         │
│      DEVICE INFO        │
│                         │
│    DEVICE SETTINGS      │
└─────────────────────────┘
```

3. Review and accept the STREET USE NOTICE and press RETURN TO STOCK.
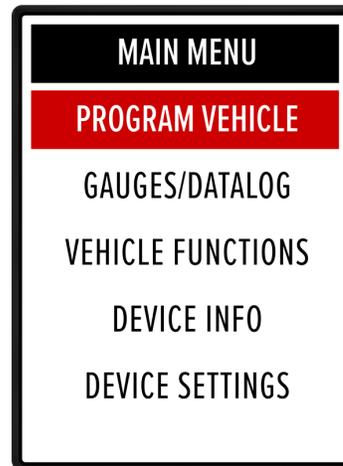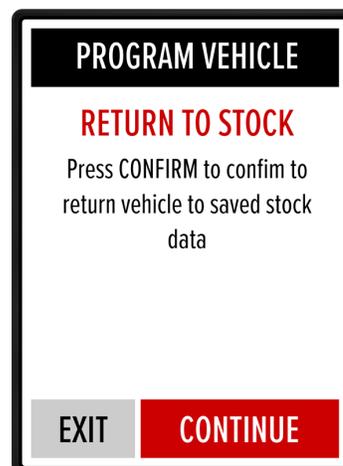4. Confirm Return to Stock.

```
┌─────────────────────────┐   ┌─────────────────────────┐
│    PROGRAM VEHICLE      │   │    PROGRAM VEHICLE      │
├─────────────────────────┤   ├─────────────────────────┤
│   STREET USE NOTICE     │   │    RETURN TO STOCK      │
│                         │   │                         │
│  This device is NOT     │   │  Press CONFIRM to       │
│  legal for sale or use  │   │  confim to return       │
│  in California on an     │   │  vehicle to saved       │
│  pollution controlled   │   │  stock data             │
│  motor vehicles.        │   │                         │
│  Press CONTINUE to      │   │                         │
│  start programming      │   │                         │
│                         │   │                         │
│  ┌──────┐ ┌──────────┐  │   │  ┌──────┐ ┌──────────┐  │
│  │ EXIT │ │ CONTINUE │  │   │  │ EXIT │ │ CONTINUE │  │
│  └──────┘ └──────────┘  │   │  └──────┘ └──────────┘  │
└─────────────────────────┘   └─────────────────────────┘
```

BULLY DOG

RETURN YOUR TCU TO STOCK

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

PROGRAM VEHICLE

Do not turn off power or disconnect device.

4%
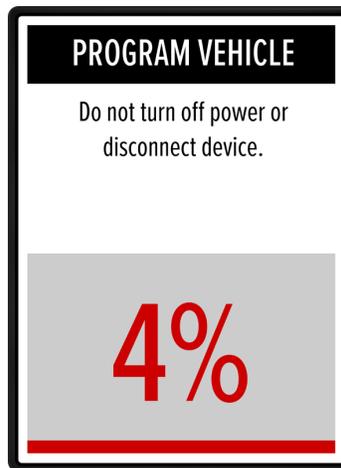
6. Your vehicle is now back to stock.
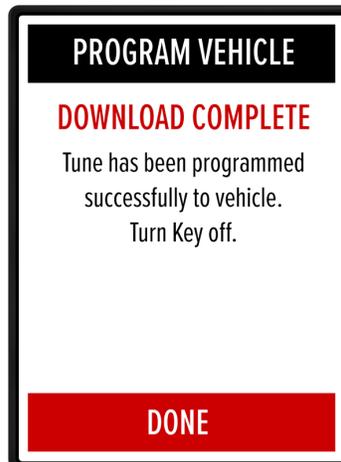
PROGRAM VEHICLE

DOWNLOAD COMPLETE

Tune has been programmed successfully to vehicle.
Turn Key off.

DONE

LIVELINK GEN-II / ADVANTAGE III

To use LiveLink with the 2020-2021 F-250/F350 6.7L please update to the current release version including any outstanding database updates.

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.