

Ford Flash 2 User Instructions

Read This in Its Entirety Before Using!

How to use the Ford Flash 2 (FF2):

Plug the OBD-II connector into the port under the dash of the vehicle you wish to program. Some vehicles may have a panel that needs to be removed to access it.

With the key off, use the up and down arrows to navigate through the main menu.

Main menu options include:

DTC/Data Menu:

| | |
|---------------|---------------------------|
| Read DTCs | Display trouble codes |
| Clear DTCs | Clear all DTCs |
| Read Strategy | Displays factory PCM code |

Program Vehicle:

| | |
|-----------------|--|
| Custom Tune | Choose custom tune to program into vehicle |
| Return to Stock | Available after vehicle is Programmed |

Display Dealer: Displays opening message screen

LCD Contrast:

Sel to Save Adjusts LCD contrast

Vehicle Diagnostics

The FF2 can read and erase DTCs (Diagnostic Trouble Codes) on the LCD display. This feature will work on any Ford based OBD2 vehicle.

The FF2 can also read the Strategy of the vehicle, This is very useful on vehicles that have been reflashed to a updated calibration. This feature can ensure your SCT dealer programs your vehicle with the newest release calibration.

Program Vehicle Menu:

From the main menu, scroll down to the **Program vehicle** menu and press select. Here you select what file type you want to install into the vehicle, **Custom Tune** or **Return to Stock**. In the Custom Tune menu, use the up and down arrow keys to select the file you want to program onto your vehicle. With that file displayed, press the select button to start the flashing process.

Turn the key on when prompted on the LCD display.

If there are user adjustable options available for that file, the display will read **Enter Opt Parm?** (Enter Option Parameters) which will allow you to make minor changes to the file. Press the Cancel button to skip the custom options and go straight to the flashing process.

User Adjustable Options: Press the Select button to enable custom tune options. Using the up and down arrows navigate through the selectable options. Press the select button to make a change to that category. Press select when finished with that category to choose the next category. Repeat until finished. Once you have made all of your changes press the Cancel button to start the flashing process.

Once the flashing process is complete, the display will display “Program Complete, Press Select” followed by “Turn key off, Press Select” Turn the key off and press select. Your vehicle is now programmed and you can unplug the FF2.

Other Information:

Once the FF2 has been used to program a vehicle, the flashing capability will be locked to that vehicle until that vehicle has been put back to stock. Once the first vehicle was put to stock, the FF2 can be reprogrammed for another compatible Ford vehicle by any Flash Tuner dealer.

Error Recovery:

In the event the FF2 does not successfully flash the vehicle, it will display an error message on the LCD display. If this occurs, you will want to recover the EEC by turning the key off, following the menu options to Program Vehicle, and under Program Option, choose the “Return to Stock” option. This will install the stock file back into the vehicle and allow you to attempt to reflash the vehicle with the custom program.

Data Logging:

The FF2 can be used as a high speed data logger on any Ford based OBD2 vehicle. A standard USB cable is needed to connect the FF2 to a PC using the Live Link Software available for download from SCT’s website www.sctflash.com

Data Logging is not locked to a certain vehicle and can be used on any compatible vehicle at any time.

Analog Inputs:

The FF2 can data log auxiliary analogue inputs from 0-5 volts. You will need a 9 pin mini Din connector for the application. This connector is available from CAPA.

Other information & Disclaimers:

The FF2 and Live Link data logging software should not be used by the operator of a motor vehicle while driving. Always obey local traffic laws.