

How to Program Settings on an InterMotive Idle Reduction System Module

Here are step-by-step instructions on how to program customized settings for your idle reduction system module, such as EcoStar™, EcoLock™ or Idle Timer Controller. Please read to the complete set of instructions before programming your module.

You will need the following:

- EcoStar, EcoLock or Idle Timer Controller module
- InterMotive programming kit part # A-IPU
 - Jack to USB cable
 - 6-pin connector power cable with adapters (if programming with the module not installed in the vehicle)
- Computer or laptop

Step 1

You will also need to install a VCP Driver and the Tera Term program on your computer.

To download the VCP driver, go online to www.ftdichip.com. On the left side, select DRIVERS, then select VCP DRIVERS. Scroll down to view the Operating System options. The most common is Windows. On the right-hand column under COMMENTS, click on SETUP EXECUTABLE. Select open or save, then run the file and let it install on your computer.

Once you see the completion window, you need to confirm there are two driver packages installed and reads "READY TO USE." Once confirmed, click FINISH.

To install the Tera Term program, go to InterMotive's website and on the top under SUPPORT > TECH SUPPORT > DOWNLOADS. Click on Tera Term, then open or save the file and run it. Go through the setup Wizard; leave all defaults as is, then click FINISH to install it on your computer.

This example is with the module is not yet installed on the vehicle. You can also program the module with it already installed on your vehicle. At the point where you use the power cable, just turn your engine to Run.

Step 2

Before you use the Tera Term program, plug the jack cable into the module and plug the other end into your computer. Do not plug in your 6-pin connector power cable yet.

Step 3

- Open the Tera Term program.
- You may get an error message but just disregard (press ok).
- At the top of the screen, click on SETUP
- Then select SERIAL PORT.
- In the pop-up window, under Port, click on the drop-down menu

- Select the highest number (for example, COM22).
- Leave the rest as the default selections but make sure the baud rate is 57,600.
- Click OK.

Step 4

- Plug in your 6-pin connector power cable or use the included adapters for other sizes.

On the screen you will see some information pop up. An immediate response is required or it times out.

- Type “config” and press <enter>.

If it times out, just unplug your power cable and re-plug and it should reset.

Once you type “config,” the customizable parameters will display on the screen.

Making Changes

Follow these examples to change settings already entered into a module.

To change the Idle Shutoff Timer Duration (number 3)

- Type “3” and press <enter>. It will ask you to <enter> a value in seconds. As an example, you can <enter> 45 and press <enter>.
- “Press <enter> to Continue.”
- Press <enter> again and the new settings will be saved to the module.

If you look at the module when you press <enter>, you will notice the status light will make a quick flash, which confirms the change on the module.

To change the Brake Pedal Operation (number 7)

- Type “7” and press <enter>. It will give you options to set. For example, select “1” to choose “Pedal will Inhibit the Engine Off Request” then press <enter>. It will read “Press <enter> to Continue.”
- Press <enter> again, and the new settings will be saved to the module.

Finish

- Once you are done with setting parameters, close Tera Term
- Unplug the cable from the module
- Install the module/kit it on your vehicle
- Reminder: Test the system to confirm your custom settings are working correctly.

Support

If you have any problems or questions, please contact InterMotive Tech Support at 1-800-969-6080.