USB Interface Setup

Note: These directions should be followed only after the EASE Scan Tool has been installed.

Note: Visit www.fixcarsfaster.com for video setup instructions to supplement these instructions.

1. Plug your EASE Vehicle Interface into an available USB port.
2. If it is the first time you've plugged your USB interface into the PC, then the “Found New Hardware” wizard will run and you may see a dialog similar to this:

3. Choose the bottom option, “No, not this time”, and then click "Next >".

If you don’t see a dialog like the one above when you plug in and power up your USB interface, then you already have a suitable USB driver installed on your PC and you can ignore these directions.

4. Choose the first option, “Install the Software Automatically”, and click “Next >”. Windows will install the EASE Vehicle Interface USB driver. You will again be prompted to approve installation of the USB driver. Make sure to click “Continue Anyway”. Do not press “Enter”, because this will cancel the operation. When complete, a dialog similar to the following will appear:

5. Click “Finish”.

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Section 2A – Wireless Setup of EASE Vehicle Interface (except the Universal Reprogrammer II)

*Note: If you are using the Universal Reprogrammer II interface please skip to Section 3B for specific instructions. For all other EASE interface boxes follow the instructions that apply to your version of the Windows.

EASE Vehicle Interface Wireless Setup

1. Open the “Network Connections” screen.
   a. For Windows XP operating systems:
      i. Click on the “Start” Button.
      ii. Then click on “Control Panel” or click on settings then “Control Panel”.
      iii. In control panel, check on the left to see what view you are in. If it says, “Switch to Classic View”. Click it. If it says “Switch to Category View” go to the next step.
      iv. Open “Network Connections”
   b. For Windows VISTA operating systems:
      i. Click on the Windows Symbol Button on the Bar.
      ii. Click on “Control Panel”
      iii. Click on “Classic View” on the left of the Control Panel.
      iv. Click on “Network and Sharing Center”
      v. Click on “Manage network connections” on the left side.
   c. For Windows 7 operating systems:
      i. Click on the Windows Symbol Button on the Bar.
      ii. Click on “Control Panel”
      iii. Click on the Drop Down list on the Top Right called “View by:”, if it says “Category” change it to “Small Icons”.
      iv. Click on “Network and Sharing Center”
      v. Click on “Change Adapter Settings”

2. Right Click on “Wireless Network Connection”.
3. Click “Properties”.
4. Single left click “Internet Protocol (TCP/IP)” from the list.
5. Click the “Properties” button.
6. Select “Use the Following IP Address”.
7. Click in the first box on the IP address.
8. Type “192.168.0.55”.
9. Click in the first box on the Subnet mask.
10. Type “255.255.255.0” It will also fill in if you hit the Tab key on your keyboard.
11. Click “OK” and you are now configured for Static IP Address communication.
12. Click “Close” to close the “Wireless Network Connection” window.

If you are using Windows XP Continue to Steps 13 – 40.
If you are using Windows Vista Continue to Steps 41 – 61.
If you are using Windows 7 Continue to Step 62 – 82
13. Right Click on “Wireless Network Connection”.
14. Click “Properties”.
15. Click the "Wireless Networks Tab"
16. Ensure that the box next to "Use Windows to configure my wireless network settings" is checked
17. Click the "Advanced" button in the lower right hand corner
18. Place the green selection dot next to the "Computer-to-computer (ad hoc) networks only" selection
19. Click the "Close" button
20. Click the "Add" button under the "Preferred networks" heading
21. Enter "EASE" (without the quotes) in the "Network name (SSID):" box. EASE must be in capital letters!
22. "Network Authentication" must be set to "Open"
23. "Data encryption" must be set to "Disabled"
24. Click the "OK" button
25. Click the "Advanced" tab at the top of the screen
26. Click the "Settings" button under the "Windows Firewall" heading
27. Place the green dot next to "Off" Alternatively you can leave the Firewall ON and give all EASE programs permissions. For instructions on how to do this read the help files that came with your Windows operating system.
28. Click the "OK" button
29. Click the "Close button"
30. Windows will take a second or two to write the settings to the operating system. If your EASE device is not already powered on, turn it on now. The device and the computer should now be connected.
31. If your package came with a wireless card, insert the wireless card into the EASE interface. The card must be inserted into the device BEFORE power is connected to the interface. If your package did not come with a wireless card continue to step 30.
32. Power up your interface by plugging it into a vehicle or with the optional 12V adapter.
33. Click "Start"
34. Click "Run"
35. In the "Run" window that opens type "cmd" (without the quotes) in the "Open:" field
36. Click “Ok” or hit the “Enter” key on your keyboard
37. A window with a black background should open with: "C:\WINDOWS\system32\cmd.exe" in the blue title bar at the top.
38. Type "ping 192.168.0.85" (without the quotes) for any device other than the J2534 reprogrammer. If you have a J2534 device you will need to type "ping 192.168.0.86" (without the quotes)
39. Hit the "Enter" key on your keyboard
40. You should receive a few messages from the device. Look for a message that states: "Ping statistics for 192.168.0.85:" "Packets: Sent = 4, Received = 4, Lost = 0 (0% loss).” If you see this message that means that the computer and the device are talking and you have successfully set up your wireless connection. If you do not see this message and there is "(100% loss)" close all windows restart your computer and go to step 29 once the computer is back up. If upon restarting your computer you are still not receiving a ping from your device go to Step 1 and recheck all the settings.

If you are still having problems after restarting and rechecking your settings, call EASE Tech Support at 570-587-7082

41. Close the “Network Connections” window
42. In the “Network and Sharing Center” window click “Setup a connection or network”
43. In the “Setup a connection or network” window that opens highlight “Set up a wireless ad hoc (computer-to-computer) network”
44. Click the “Next” button
45. If you have more than one wireless adapter you may need to choose which one you want to use and then click “Next” If you had to select your adapter go to step 21
46. Click “Next” at the “Setup a wireless ad hoc network” window
47. In the “Network name:” field enter “EASE” (without the quotes) EASE must be in capital letters!
48. In the “Security type:” field choose “No authentication (Open)” by clicking in the box and selecting it
49. Check the box next to “Save this network”
50. Click “Next”
51. Windows will take a few moments to setup the network
52. Click “Close” at the “The EASE network is ready to use” screen
53. If your package came with a wireless card, insert the wireless card into the EASE interface. The card must be inserted into the device BEFORE power is connected to the interface. If your package did not come with a wireless card continue to step 28.
54. Power up your interface by plugging it into a vehicle or with the optional 12V adapter.
55. From the Windows Desktop click the Windows “Start” icon in the lower left hand corner of the screen
56. Enter “cmd” in the “Start Search” box right above the Windows “Start” icon
57. Press the “Enter” key on your keyboard
58. A window with a black background should open with: ”C:\WINDOWS\system32\cmd.exe” in the blue title bar at the top.
59. Type "ping 192.168.0.85" (without the quotes) for any device other than the J2534 reprogrammer. If you have a J2534 device you will need to type "ping 192.168.0.86" (without the quotes)
60. Hit the “Enter” key on your keyboard
61. You should receive a few messages from the device. Look for a message that states: "Ping statistics for 192.168.0.85:" "Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),” If you see this message that means that the computer and the device are talking and you have successfully set up your wireless connection. If you do not see this message and there is "(100% loss)" close all windows, unplug the interface, restart your computer and go to step 27 once the computer is back up. If upon restarting your computer you are still not receiving a ping from your device go to Step 1 and recheck all the settings.

If you are still having problems after restarting and rechecking your settings; call
EASE Tech Support at 570-587-7082

Windows 7 Wireless Setup Steps 62 – 82

62. Close the “Network Connections” window
63. In the “Network and Sharing Center” window click “Setup a connection or network”
64. In the “Setup a connection or network” window that opens highlight “Set up a wireless ad hoc (computer-to-computer) network”
65. Click the “Next” button
66. If you have more than one wireless adapter you may need to choose which one you want to use and then click “Next” If you had to select your adapter go to step 21
67. Click “Next” at the “Setup a wireless ad hoc network” window
68. In the “Network name:” field, enter “EASE” (without the quotes) EASE must be in capital letters!
69. In the “Security type:” field, choose “No authentication (Open)” by clicking in the box and selecting it
70. Check the box next to “Save this network”
71. Click “Next”
72. Windows will take a few moments to setup the network
73. Click “Close” at the “The EASE network is ready to use” screen
74. If your interface came with a separate wireless card insert it into the EASE interface. The card must be inserted into the device BEFORE power is connected to the interface.
75. Power up your interface by plugging it into a vehicle or with the optional 12V adapter.
76. From the Windows Desktop, click the Windows “Start” icon in the lower left hand corner of the screen
77. Enter “cmd” in the “Start Search” box right above the Windows “Start” icon
78. Press the “Enter” key on your keyboard
79. A window with a black background should open with: "C:\WINDOWS\system32\cmd.exe" in the blue title bar at the top.
80. Type "ping 192.168.0.85" (without the quotes) for any device other than the J2534 reprogrammer. If you have a J2534 device you will need to type "ping 192.168.0.86" (without the quotes)
81. Hit the “Enter” key on your keyboard
82. You should receive a few messages from the device. Look for a message that states: "Ping statistics for 192.168.0.85:" "Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),” If you see this message that means that the computer and the device are talking and you have successfully set up your wireless connection. If you do not see this message and there is "(100% loss)" close all windows, unplug the interface, restart your computer and go to step 27 once the computer is back up. If upon restarting your computer you are still not receiving a ping from your device go to Step 1 and recheck all the settings.

If you are still having problems after restarting and rechecking your settings; call EASE Tech Support at 570-587-7082
Section 2B – Wireless Setup for EASE Universal Reprogrammer II

The default setting for connecting wirelessly to the Universal Reprogrammer II is DHCP communications. For the Universal Reprogrammer II simply connect to the “UnivReprogX” network in your Wireless Network Connection screen, where X is the non-zero digits on the sticker on the bottom of the interface.

Example: If the sticker on the bottom of the interface is “000023” you would connect to the “UnivReprog23” network.

You should now be able to connect to the Universal Reprogrammer II.

Note: If you currently use a different EASE Interface or another connection that uses a static IP address then follow these steps below to configure your computer for use with the Universal Reprogrammer II (URI).

1. Open the “Network Connections” screen.
2. For Windows XP operating systems:
   a. Click on “Start” Button.
   b. Then click on “Control Panel” or click on settings then “Control Panel”.
   c. In control panel, check on the left to see what view you are in. If it says, “Switch to Classic View”. Click it. If it says “Switch to Category View” go to the next step.
   d. Open “Network Connections”
3. For Windows VISTA operating systems:
   a. Click on the Windows Symbol Button on the Bar.
   b. Click on “Control Panel”
   c. Click on “Classic View” on the left of the Control Panel.
   d. Click on “Network and Sharing Center”
   e. Click on “Manage network connections” on the left side.
4. For Windows 7 operating systems:
   a. Click on the Windows Symbol Button on the Bar.
   b. Click on “Control Panel”
   c. Click on the Drop Down list on the Top Right called “View by:”, if it says “Category” change it to “Small Icons”.
   d. Click on “Network and Sharing Center”
   e. Click on “Change Adapter Settings”
5. Right Click on “Wireless Network Connection”.
6. Click “Properties”.
7. Single left click “Internet Protocol (TCP/IP) or Internet Protocol (TCP/IP) V4” from the list.
8. Click the “Properties” button.
9. Select “Obtain an IP address automatically”.
10. Click “OK” and you are now configured for DHCP communication.
11. Click “Close” to close the “Wireless Network Connection” window.

Now go to Section 3B to complete the profile creation for your Reprogrammer II interface.
Section 3A – Profile Setup of EASE Vehicle Interfaces

The EASE Scan Tool supports several Vehicle Interfaces so in order to communicate to a vehicle you will first need to configure the Scan Tool to use the Interface that you have.

1. Open the Scan Tool you purchased, i.e. Generic, GM OBD2, etc.

2. At the “Make a Selection” menu, click the “Browse” button.

3. Click the “Options” button at the top of the screen.

4. Click the “Configure Vehicle Interface” entry.

5. If a profile exists for your interface select it and click “OK” and your Profile is setup.

6. If a profile does not exist click “New”.

7. Type a name for your profile (i.e. If you are creating a wireless type “Wireless”) and click “OK”.

8. Select the interface that corresponds to the one you have (It should be labeled on the interface) and click “OK”.

9. If your interface supports more than one method to connect (i.e. Wireless and USB) you will need to select which method you will be using to connect for the Connection Options.

10. Finally, you will need to select the communication options needed for the method chosen on step 7. For wireless you will need to provide the IP address and a Port. For USB you will need to select the USB device and click OK.
11. Now select the profile you just created and click on “OK”.

12. Click the “Main Task Screen” icon and select “Scan New Vehicle” to start the software.
Section 3B – Profile Setup for Ease Universal Reprogrammer II

Important: Make sure that the Reprogramming Assistant software has been installed and set up before proceeding with this section

1. Open (any of) the Scan Tool(s) you purchased, i.e. Generic, GM OBD2, etc.

2. At the “Make a Selection” menu, click the “Browse” button.

3. Click the “Options” button at the top of the screen.

4. Click the “Configure Vehicle Interface” entry.

5. Select (single click) the entry with the Profile Name called “Universal Reprogrammer II”. It will now be highlighted blue.

6. Click “OK” at the bottom left of the window.

7. Click the “Main Task Screen” icon and select “Scan New Vehicle” to start the software.
Section 4 - USB Troubleshooting for All EASE Interfaces

If you are experiencing problems connecting with your USB interface please follow these directions.

If at any point in the following directions a message appears stating, “Windows needs your permission to continue” please click the “Continue” button.

1. Close all programs and navigate to the Windows Desktop.

2. Plug your EASE interface into the computer and power it up through the vehicle or an AC adapter that comes with some packages.

3. Insert the Scan Tool DVD into your computer and close any menu that appears.

4. RIGHT click on “My Computer” If you do not see “My Computer” click “Start” and then
   RIGHT click on “My Computer” in this menu
   a. Windows Vista users, Click the “Start” icon
   b. RIGHT click on “Computer”

5. Choose “Properties” in the menu that appears.

6. Click the “Hardware” tab. If you are using Windows Vista or Windows 7, skip this step and go to step 7.

7. Click the “Device Manager” button or the “Device Manager” entry in the left-hand pane for
   Windows Vista or Windows 7.

8. Expand the “Universal Serial Bus controllers” heading by clicking on the “+” to the left of
   the text.

9. If you see an exclamation mark or question mark next to “EASE Diagnostics Vehicle Interface” under the “Universal Serial Bus controllers” heading go to step 10.

If you see “EASE Diagnostics Vehicle Interface USB Device” without an exclamation or
question mark your drivers are loaded correctly. Close all windows and open the Scan Tool. Go back to section III and make sure the profile is setup for your device.

If you do not see an entry for an EASE Vehicle Interface check your connections and make sure your device is powered up. If after checking your connections you still do not see an entry for your device please call EASE Technical Support at 570-587-7082

10. Right click on the “EASE Diagnostics Vehicle Interface” entry

11. Choose “Update Driver”

12. Go to Section I and perform steps 9-13

If you receive an error message stating that the Hardware could not be installed please call EASE Technical support at 570-587-7082