

ECOM Software Driver Installation

E2046000

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1 Installation Procedure

1.1 Running the Setup Program

- 1.1.1 Double Click on the EControls Icon to launch the Setup program
- 1.1.2 Close all other open program prior to proceeding
- 1.1.3 After the WELCOME to the ECOM Drivers and Software Setup Wizard opens click on the NEXT> button



1.1.4 Select Install ECOM Drivers and Supporting Software or Install Drivers Only by placing the mouse cursor on the selection circle indicating your choice and clicking the left mouse button once. The green dot indicates your selection has been recognized.

E Setup - ECOM Drivers and Software	
Installation Options Select which files to install	R
It is recommended that you install both drivers and software if you plan to use you device for development purposes. Only the hardware drivers are required if you use your device exclusively for EControls display software. Install ECOM Drivers and Supporting Software Install ECOM Drivers Only	pur plan to
< <u>B</u> ack <u>N</u> ext >	Cancel

Note: It is recommended that you select to install the **ECOM Drivers and Supporting Software** selection for use as a development tool. If you are planning on only utilizing the EControls, Inc. Display Software then you only need to select the **INSTALL ECOM Drivers Only** selection.

1.1.5 To proceed place the mouse cursor over the NEXT> button and click once with the left-hand mouse button.

1.1.6 The Select Destination Location window allows you to select the destination location of the driver that will be installed. The default is C:\Program File\EControls\ECOM E2046000. This is the preferred location on most systems. If you wish to place the driver in a different location place the mouse cursor over the Browse.... button and click once with the left-hand mouse button. You may then selection the location that you desire from the Browse File Folder Menu.

Place the mouse cursor over the location of your choice and double click the left-hand mouse button to select.

Note: Please verify the system drive that you have selected to install the diver software has at least 1.4 megabytes of free space.

📕 Setup - ECOM Drivers and Software
Select Destination Location Where should ECOM Drivers and Software be installed?
Setup will install ECOM Drivers and Software into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
C:\Program Files\EControls\ECOM E2046000 Browse Browse
At least 1.4 MB of free disk space is required.
< <u>B</u> ack <u>N</u> ext > Cancel

1.1.7 After the destination location has been selected and you are satisfied place the mouse cursor over the **Next>** button and click once with the left-hand mouse button.

1.1.8 On the **Select Components** window check or uncheck the selection boxes by placing the mouse cursor over the box to the left of the component and toggle the check mark form on to off by clicking once with the left-hand mouse button.

E Setup - ECOM Drivers and Software	
Select Components Which components should be installed?	R
Select the components you want to install; clear the components you do no install. Click Next when you are ready to continue.	t want to
✓ Driver Support Files	728 KB
✓ Library and Header Files	639 KB
E ▼ Sample Files	497 KB
Current selection requires at least 2.0 MB of disk space.	
< <u>B</u> ack <u>N</u> ext >	Cancel

Note: If you select both the **Library** and **Header File s** and the **Sample Filter** the free space requirement will be 2.0 megabytes. Please verify you have enough free space on your system before proceeding.

Note: It is recommended that you select to install the **ECOM Drivers and Supporting Software** selection for use as a development tool. If you are planning on only utilizing the EControls, Inc. Display Software then you only need to select the **INSTALL ECOM Drivers Only** selection

After you are satisfied with the components to be installed selection place the mouse cursor over the **Next>** button and click once with the left-hand mouse button.

1.1.9 The **Ready to Install** window will now open. You may verify your installation selections here. If you wish to modify any of these selections you may go back to the selection you wish to change by placing the mouse cursor over the **<Back** and clicking once with the left-hand mouse button. This procedure may be repeated on each window until you reach the window with the selection you wish to modify.

E Setup - ECOM Drivers and Software	
Ready to Install Setup is now ready to begin installing ECOM Drivers and Software on your computer.	R
Click Install to continue with the installation, or click Back if you want to review or change any settings.	r
Setup type: Custom installation Destination location: C:\Program Files\EControls\ECOM E2046000 Selected components: Driver Support Files Library and Header Files Sample Files	
	>
< <u>B</u> ack [Install]	Cancel

1.2.0 If you are satisfied with the selection on the **Ready to Install** window you may proceed by placing the mouse cursor over the **Install** button and click with the left-hand mouse button once.

1.2.1 Once the installation is complete the **Completing the ECOM Drivers and Software Setup Wizard** window will open. To finish the installation place the mouse cursor over the **Finish** button and click with the left-hand mouse button once to select.

E Setup - ECOM Drivers a	nd Software
	Completing the ECOM Drivers and Software Setup Wizard
	Setup has finished installing ECOM Drivers and Software on your computer.
1	Click Finish to exit Setup.
	<u>Einish</u>

The software is now ready to use.

1.2.2 Insert the USB connector into the USB slot on your computer The *Found New Hardware ECOM Communications Device* bubble should appear at the bottom of your computer screen indicating that it recognizes the ECOM device. Subsequently a message will appear stating that the *drivers are installed and the new hardware is ready to use.*



1.2.3. If you see the following message asking if want to replace the existing driver with an older version select No by placing the mouse cursor over the No button and clicking the left-hand mouse button once.

Confirm File Replace	
Source: c:\program files\econtrols\ecom e1793000c\system\ecommlib.dll.	
Target: C:\WINDOWS\System32\ecommlib.dll.	
The target file exists and is newer than the source.	
Overwrite the newer file?	
Yes No No to All	

1.2.4 If a message appears asking you if you want to restart your computer to enable you to use the new software. If you are planning on using the ECOM at this time select **Yes** by placing the left-hand mouse button over the **Yes** button and clicking once. Otherwise select **No** by placing the mouse cursor over the No button and clicking the left-hand mouse button once. 1.2.5 If you are using the ECOM Interface Tool with EControls Display Software please make sure that you have selected the proper communications scheme.

	Gauges Not Connected	ges EControls, Inc. nected Econtrol and Instrumentation Specialists		Link error - attempting reconnect. Error opening com port 4 in Hand	k error - attempting reconnect or opening com port 4 in HandleConnect	
ECom Cor Ava	ndd Pressure	Coolant Temperature 250 - 200 - 100 - 0 - 50 - 0 deg F	Intake Air Temper 250 - 200 - 100 - - 50 - 0 deg	sture System Val Engine Speed Min Governor Setpoint Max Governor Setpoint Pulse width [EGO1 [EGO2 [F Hour meter [Cumulative starts]	Mil.	
Link Target CAN / PC CAN / OK	CAN T CAN CAN Serial Address 250 Cancel	Bat 0.0 C	tery Voltage	System : Run Mode Power Mode Fuel Type Fuel Control Mode Governor switch state Active governor type Active governor mode Oil pressure state	Starte Stopped Sleep Gasoline Open Loop None None Disabled OK	