These instructions describe how to upgrade your Controller to work with the NEW driver that supports Windows VISTA, XP, and 2000

Follow these instructions carefully and do not take shortcuts as you may damage your controller.

Before starting the upgrade you must have the following:

- An NXD5000 Boost Reference Nitrous Controller with firmware version 0203
- A PC or Laptop with Windows XP or 2000
- The Boost Reference Nitrous Controller software version 2.0.0
- The Boost Reference Nitrous Controller software version 3.0.0
- The upgrade utility
- The USB programming cable that came with your unit
- 1. Install the software [ver 2.0.0] and the upgrade utility on the PC or Laptop that you will use to upgrade the controller. It must have Windows XP or 2000 NOT VISTA.
- 2. Connect the Boost Reference Nitrous Controller and verify that the old driver installed correctly. You should see the following screen showing that the device is connected. If not, you need to verify that the driver installed correctly. See the section *Recovering from a Driver Installation error*

Upload Downld	Controller Info	
Inputs Input #2: Activate wit	th 12 Volts RPM Present RPM RPM	Multiplier: +8 💌
Stage 1 💌		
Present: 🔽	Type: Time-Ba	ased 🗾
Enable First-Gear Locko	ut: 🗖 Input #2 Will Enable	💌 This Stage
RPM Cutoff: 6000	RPM + Solenoid Frequency: 14 Hz	÷.
BPM Trigger 3000	BPM → → Delau 0.0 sec → → Start:	10%
rin in Higger.		100%
	Hamp: 2.0 sec - Final:	
Smooth When	Dragging Reset to Straight Line Smooth F	Points Undo
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3. Verify that you can talk to the controller by clicking on CONTROLLER INFO. You should get the following response.



- 4. Confirm that your controller has Firmware Version 0203. If not, you must update the controller first. Refer to the *Firmware Upgrade Instructions* on our web page <u>http://www.nitrousexpress.com/Pages/downloads.htm</u>
- 5. Close the program
- 6. Now open your file browser and go to the following directory:



C:\Program Files\NX Boost

7. Run the program called *PNMCUSBUpgrade.exe* . You should see the following window:



## NOTE: If you are using a Laptop, be sure it is plugged in

8. Click on Update Controller and you should see:

Confirm Upgrade		
Warning: Powering OFF before the upgrade is complete will damage the controller and is not covered by warranty.		
Make sure your Laptop is plugged in before proceeding. Once the upgrade is complete you must install the new software as the old version will no longer connect to the controller.		
	Exit Without Upgrading	

9. Click Upgrade to start the process. It only takes a few seconds

Confirm Upgrade 🔀	
You have choosen to upgrade the USB connection. You must NOT unplug or disconnect the controller until this process is complete.	
Would you like to continue and upgrade this controller?	
<u>Y</u> es <u>N</u> o	

If the upgrade was successful you will see the following window:

Upgrade Complete 🛛 🔀
Upgrade complete. It is now safe to unplug the controller and install the new software.
(OK

At this point you click OK and then Done to end the program and unplug your controller to reset it. You can now install the new software, version 3.0.0, on your VISTA PC.

## **Recovering from a Driver Installation error**

If you are unable to connect and had an install error "unable to copy some files" during the install, follow these steps to manually install the driver.

- 1. Close all programs and remove the installation CD.
- 2. Connect the NX Boost Reference Nitrous Mini-Controller.
- 3. Open the device manager window and find the NX device.



- 4. Right-click on the NX device and select the Uninstall option.
- 5. Disconnect the NX device and reboot your PC.
- 6. Once it has rebooted, connect the NX device again.

7. When the Hardware Wizard pops up <u>DO NOT</u> let it search Microsoft Update. Select the option to install the driver from a specific location.



8. Now select the option "include this location" and using the browse function select the following location

C:\Program Files\NX Boost \USBDriver		
rdware	Update Wizard	
Please	e choose your search and installation options.	
۲	Search for the best driver in these locations.	
	Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.	
	Search removable media (floppy, CD-ROM)	
X	✓ Include this location in the search:	
	C:\Program Files\FJO Racing\PNMC\USBDriver  Browse Browse	
0	Don't search. I will choose the driver to install.	
	Choose this option to select the device driver from a list. Windows does not guarantee th the driver you choose will be the best match for your hardware.	
	< <u>B</u> ack <u>N</u> ext > Cancel	

9. Now select next and wait while the wizard checks the files. You may see the following warning – select the "**Continue Anyway**" option.

Hardware	Installation
1	The software you are installing for this hardware: FJD Racing Progressive Nitrous Mini-Controller has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway STOP Installation

10. Once XP is finished installing the driver you should see a message like:

Hardware Update Wizard		
	Completing the Hardware Update Wizard	
	The wizard has finished installing the software for:	
	FJO Racing Progressive Nitrous Mini-Controller	
	Click Finish to close the wizard.	
	< Back Finish Cancel	

11. Since the NX device uses 2 drivers to communicate, you may see the New Hardware wizard pop up a second time. If it does, follow steps 7~10 again.

Now if you open the NX program the controller should show as connected. Next time you connect the device, the driver will connect automatically. If you require further assistance contact us @ 888-GOFAST-1 . Before calling, make sure you have your PC, the NX device and cable available