



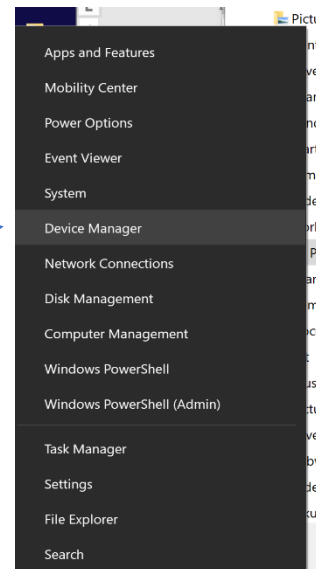
# Instructions for Installing ShopBot USB Drivers

(images and specific instruction are for Windows10/11, they should work similarly for Windows7/8)

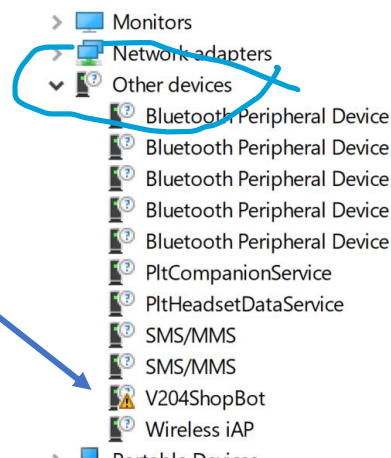
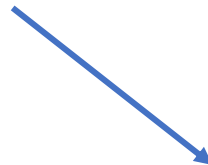
Your computer communicates with the ShopBot CNC Tool through a special set of USB drivers. You will only need to install this set of drivers *once* on each computer you use to run the ShopBot tool; this is true even when you install new ShopBot software.

After you have installed the ShopBot Software (Sb3) on your Windows PC, **plug the USB cable from the tool into your computer and turn on the Control Box** -- on a PRS Alpha Tool, you will also need to hit the reset button on the remote pendant to fully start the system. (If you have a Spindle Speed Controller dongle, do not plug it in yet, or unplug.)

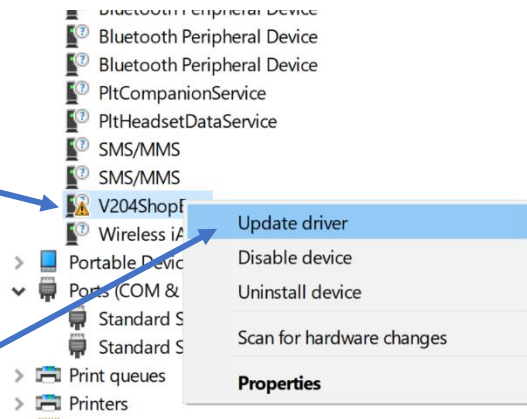
1. Open the Windows **Device Manager** by right clicking the Windows icon  at the bottom left of the tool bar (or by using the  + X keys) then selecting the Device Manager App from the Window.



2. In the Device Manager, expand the "Other Devices" category if it is not already expanded to show the V204ShopBot icon with a Warning sign.



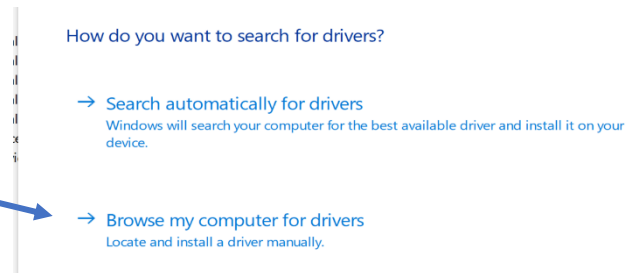
3. Right-click the V204ShopBot icon.



4. Then select "Update Driver" from the dropdown menu.

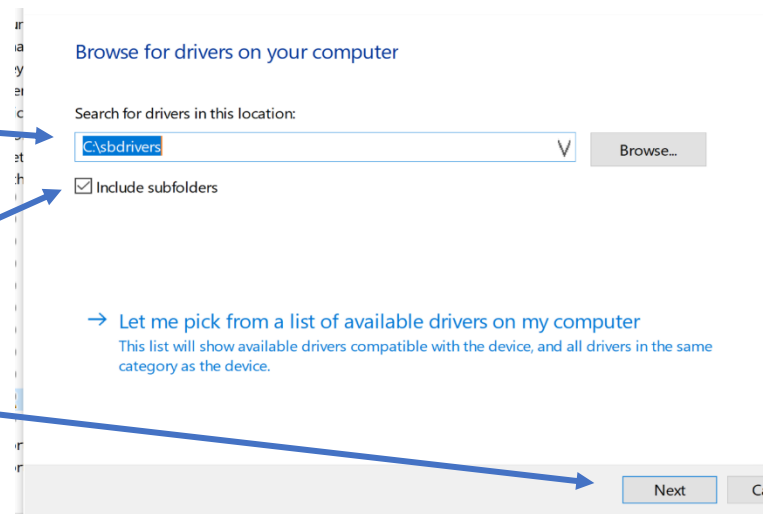
< On Next Screen >

5. Click "Browse My Computer".



< On Next Screen >

6. Enter "c:\sbdriivers" in the Browse Box.



7. Make sure the "Include subfolders" box is checked.

8. Then click "Next".

9. You should receive a "success" message ... close the message box.

10. Now. **Let's do this page again!** Starting from #3 above. ... You'll notice there is still a warning. Right-click on the V204ShopBot icon ... continuing to Select "Update Driver" > "Browse my computer ..." > (the page should still be filled in) > and, Click "Next".

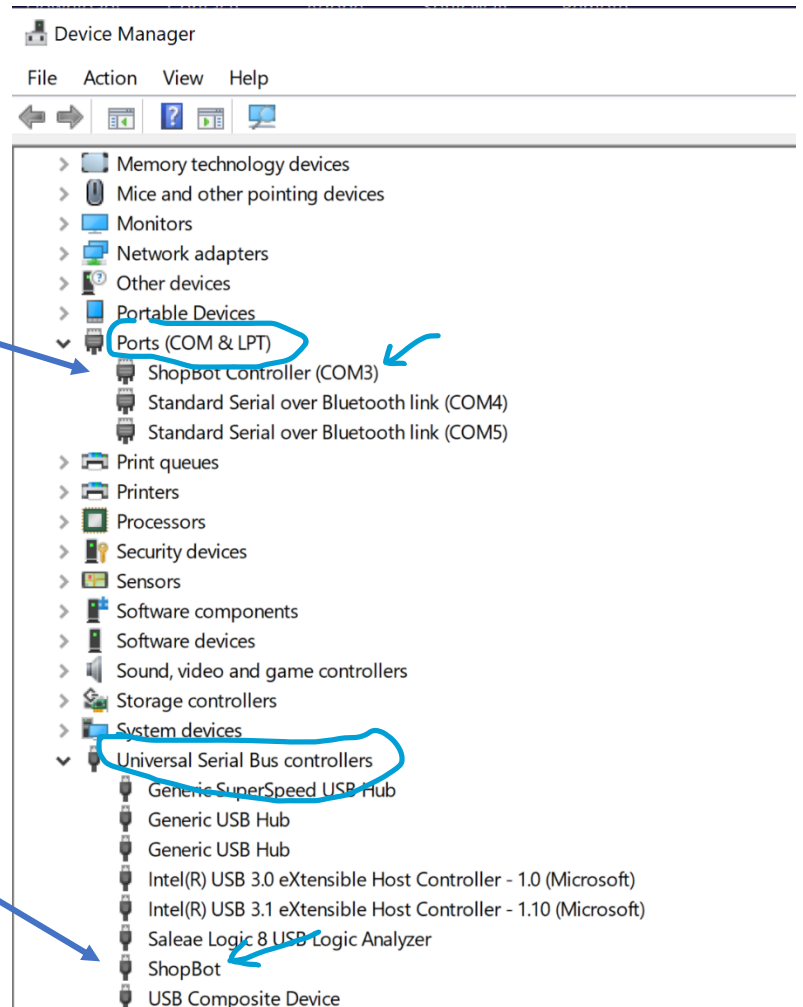
11. You should have received a second "success" message.

12. This time, the Warning will have cleared and the ShopBot drivers will show as installed in their correct locations in the Device Manager.

One driver appears under "Ports".

And, one appears under "Universal Serial Bus controllers".

(you may need to expand the category to see all the listings.)



**You are all set to run your ShopBot. You will not need to repeat the driver installation on this computer, even if you update the ShopBot software. *For software updates just run the updated installation file, do not uninstall or remove folders lest you will need to do this all again.***

## Installing Drivers for ShopBot Spindle Speed Controller

If you have an (optional) **ShopBot Spindle Speed Controller**. It also communicates with your computer by USB. So you also will now need to install the drivers for that device on this computer in the same manner.

1. With your ShopBot powered on and its VFD also On, find the USB cable from the VFD and plug it into the computer (or more typically, a USB hub that is connected to the computer).
2. Then, as above, open the Device Manager, expand the other devices category if needed, and identify the ShopBot item with the exclamation mark (!).
3. Follow the instructions above beginning with #2 to install the USB drivers for your Spindle Speed Controller.

## In Case you ever need to Uninstall the ShopBot USB Drivers

- With your ShopBot tool On and connected to your computer, open the Device Manager
- Under Ports, right-click on ShopBot Controller (COM\_)
- Select "Uninstall Device"
- In the window that appears, check "Attempt to remove the driver"
- And then click "Uninstall" ... that will remove the first driver
- THEN scroll down to Universal Serial Bus Controllers and find "ShopBot" under that heading
- Right-click on ShopBot
- Select "Uninstall Device"
- In the window that appears, check "Attempt to remove the driver"
- And then click "Uninstall" ... now you have removed both drivers

## Advanced Information: Changing the Comm Port Number for ShopBot Drivers.

- ShopBot device must run on a port number of 16 or lower.
  - Windows does a good job of managing port numbers behind the scenes. But, on a well-used computer port numbers may get excessively high because of devices that have been used over time, many no longer on the system. In the event that you are unable to connect to your ShopBot because of a port assignment higher than 16, here's how to fix it.
1. Open the Device Manager as above.
  2. Expand the "Ports" section and right click on the "ShopBot Controller".
  3. Select Port Settings, and then "Advanced".
  4. At the bottom left of the Advanced page is a box in which you can select a new Comm Port. Select a number below 16; pick one that does not say "(in use)". When you restart ShopBot

it will automatically detect and adjust to the new Comm port number.

