



Revision update instructions

Required Items

1: Serial Cable:

Standard straight-through DB9 (9-pin to 9-pin) RS232C serial cable (6 foot cable is more than enough). Check your computer to see if you have a male or a female port on the back, as some are different. You will need a male end to go into your Predator.
(Radio Shack Part # 26-117, 6-ft DB9 male to DB9 female shielded cable.)

2: Power Adapter:

CLASS 2 TRANSFORMER

OUTPUT : 12VDC 1000mA (1 Amp)(Radio Shack Part # 273-1776)

Note: Plug Tip is 2.5mm x 5.5mm, female, and center is positive.(Radio Shack Part # 273-1717)

Radio Shack normally carries both of these items. Most Wal-Marts have the Power Adapter (multi output version).

Note: If you have a laptop, you can use the vehicle's power to power up the Predator, instead of using a Power Adapter, and just do the following with your laptop and Predator inside of your vehicle.

1. Go to www.diablosport.com and select 'downloads'.
2. From the drop down menu select the Predator part number you are trying to update. If you do not know your part number, you may enter your vehicles information as well.
3. You will automatically be directed to the appropriate download page for your tool.
4. From this page, download the latest revision update that is listed. You will also need to save the DSDownloader installer program as well. (Right click, 'save target as'). Save this file on your desktop or somewhere you will remember and be able to find easily.
5. Open the DSDownloader once it is saved. Complete the install wizard and allow it to set up a desktop icon.
6. Double click on the desktop icon. A box will be displayed saying 'not registered'. Press 'OK'.
7. You now need to set up your COM ports and baud rates. On the bottom left hand side of your computer screen click the 'START' button.
8. From this menu, right click on 'my computer', then go to properties.
9. Select the hardware tab, then click the 'device manager' button.

10. In the device manager, go to Ports (COM and LPT) and click the plus sign (+) next to ports.
11. If you are using a 9-pin to 9-pin serial cable, double click on 'communication port COM1'. If using a USB to serial adapter, double click on the device when it drops down under Ports.
12. Click the 'port settings' tab.
13. Set the baud rate (bits per second) to 115200.
14. Close out the Communication port properties, the device manager and the System properties windows.
15. Set the options on the DSDownloader to match the COM port that your cable is assigned to in the device manager.
16. Set the baud rate to 115200.
17. Click the 'send rom file to Predator' button.
18. A 'firmware to file download' window will pop up. Direct this to look in your desktop (or wherever you saved the revision file to).
19. Find the appropriate revision file and click it one time, highlighting it.
20. Click the 'open' button at the bottom right.
21. A message will be displayed asking you to power cycle the tool to continue. Plug in the power adapter now. If the tool is already powered up, unplug and plug back in.
22. Once the tool boots up, another window will be displayed with a message saying: "Tool is ready, do you wish to download?"
23. Choose yes.
24. After a short initialization period, you will see 'writing packet' in the status bar on the bottom left of the DSDownloader.
25. Wait until the DSDownloader says update complete AND for the Predator to reboot before unplugging.
26. Confirm the new revision is displayed on the top line of the Predator and you may disconnect the tool and tune your vehicle.
27. If you get a 'download failed' message, please double check steps 7-16. If you need further assistance, please contact our tech support at 561-908-0040.