



INSTALLATION GUIDE

POLARIS BILLET THROTTLE BLOCK



INTRODUCTION

WELCOME TO YOUR NEW POLARIS BILLET THROTTLE BLOCK.

Designed to increase performance in deep snow, the Polaris Billet Powder Throttle Block is uncompromising in materials and design. Make sure snow doesn't accumulate around your throttle body with this easy upgrade for your sled!

INSTALLATION TIME:

A professional mechanic can install the throttle block in about 30 minutes to an hour.

DISCLAIMER:

While there are no internal engine modifications required, we still recommend that the installation technician have adequate experience in power sports mechanics. Proper installation is imperative for safe operation.

1. Begin by removing the side panels and hood. Pull push pins from the plastic located where your knees rest when seated on the left hand side.

2. Remove the clutch tool holding the panel to the foot plastics.

3. Pull the plastic back. Be careful not to puncture the airbox intake with the extruded piece located below the intake grate.

4. Remove the black velcro bag by the gas tank behind the plastic. This will expose the handle bar wiring connectors.

5. Cut the zip ties from the handle bars on the throttle side, as well as two zip ties that are downstream on the wiring harness.

6. Unplug the two-pin white connector that has blue/black and red/black wires.

7. Plug your new Force Turbos TSS switch in the side leading to the ECU and make sure that it clicks and locks in.



8. Loosen the 5/32 allen stud from the bottom of the throttle block.



9. Remove 4) gold Philips head screws from the side of the throttle block. Slide the cover back and off the handlebar.



10. Remove the c-clip from the pivot pin on the throttle flipper. Be careful not to lose this.



11. Remove the cable from the throttle trigger. (Pull it to full throttle position. Gently squeeze with needle nose pliers. Put back to zero throttle position. Remove T-crimp).



12. Remove the clip holding the cable to the block. Be careful not to lose this.

13. Slide the shielded part of the cable out of the throttle block housing

14. Slide the wire through the cut line across the bottom of the block.

15. Disconnect the brown, orange, and grey wires going into the thumb warmer.

16. Pull the pivot pin that holds the flipper to the throttle block. There are three small spacers that come out with the rod.

17. Slide the factory throttle switch from the housing and pull the harness out.

18. Slide the piece with the allen stud out of the block. Remove the block.



19. Install your new Force Turbos throttle block with provided bolts. Make sure to put the wires in the slot without pinching them.

20. Install the flipper and shaft with washers in the same location they were in the stock block.

21. Install the clip on the bottom of the shaft.

22. Pull the throttle cable about one inch out of the sleeve, then slide it into the slot.

23. Install the c-clip on the end of the throttle cable. Check to make sure it won't fall off. Tighten with pliers if needed.

24. Pull the throttle cable out and slide it in the slot on the flipper. Push the rubber debris cable cap back onto the cable end.

25. Make sure the throttle is in its desired position. Pull it to full throttle several times and release to ensure it is working properly.



26. Tighten the throttle cable tension until it is holding the flipper tight against the throttle block. (Located by the handle bar clamp on the Axy's. Or under the hood, muffler side on the Matryx.)

27. Place snowmobile on stand and test the throttle is working properly.

**IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT FORCE
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