



Racing Products

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Billet Thumb Throttle

Instructions For Assembly

*Notes: Please refer to attached diagram for visual representation of the throttle

**If you do not feel capable of installing this throttle, please take it to a qualified mechanic

1. This throttle is designed to open up to a 44mm carburetor.
2. Attach the whole assembly to your handle bars.
3. Remove the throttle box cap.
4. Remove the 5mm bolt from the cable arm. **Remember how the spring is positioned so that you can put it back together.**
5. Remove the cable arm with your fingers. Be careful as the spring will come apart from the assembly.
6. Insert the cable into the hole in the side of the throttle box.
7. Place the ball fitting into the cable arm and make the wire follow the cable wire path. The cable should be secure in the cable arm.
8. Replace the spring on the cable arm and place back onto the thumb lever. The cable arm should drop onto the square on the thumb lever when correctly assembled.
9. Replace the 5mm bolt and start to tighten. While tightening, move the thumb lever to drop spring into place and then continue to tighten until both components are secure.
10. **Warning: You must set the throttle stop to prevent damage to the cable. Not doing this may cause you to pull an end off.**
11. Back the allen screw off.
12. Open the throttle until it becomes snug at the end of the stroke.
13. Put Loctite on the allen set screw, then turn the allen until it reaches the cable arm. Now the throttle should stop at the set screw.
14. **Warning: After installation, make sure that carburetor bottoms out to idle position before starting your ATV.**
15. All of the component parts are available from Terrycable in case of breakage. For replacement parts call us at 800-854-4691

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