

POWERMADD[®] Throttle Extension Kit

Installation Instructions for Throttle Extension Kit Part No. 13592

TOOLS REQUIRED:

- Pliers
- No. 1 Phillips Screw Driver
- 5/16" Wrench
- 7/16" Wrench

HARDWARE INCLUDED:

<u>Item</u>	<u>Qty</u>	<u>Description</u>
1	2	Junction Box Halves
2	1	Junction Slide
3	4	Self-Threading Screws
4	3	Retaining Clips (1 Extra)
5	1	Cable
6	1	Heat Shrink Tubing
7	4	Cable Ties

WARNING: Read all instructions before installing Extension Kit. Snowmobile should not be running while installing or making any adjustments to Extension Kit. PowerMadd also recommends using a tether cord for the safest operation of your snowmobile. If at anytime you suspect there is a problem with the throttle controls, immediately shut off snowmobile and inspect. If you are experiencing problems with our Extension Kit, contact PowerMadd for customer service.

- Step 1:** Be sure carburetors are correctly in sync and set up. If snowmobile is not running properly before installing Extension Kit, the snowmobile will not run correctly after installing Extension Kit.
- Step 2:** Remove stock retaining clip from stock throttle cable where the cable is mounted to the throttle block. Then remove stock cable from throttle lever and throttle block
- Step 3:** Remove handlebar pad and any zip ties that are holding the stock throttle cable to the handle bar assembly
- Step 4:** Measure the distance the “stock T fitting” protrudes from the end fitting of the stock cable. You will need this measurement for Step 7.
- Step 5:** Install one of our retaining clips on the stock cable, and one on the ball end of our cable. Refer to illustration.
- Step 6:** Place the slide in one of the junction box halves, along with the stock cable and the extension cable as shown in the illustration. Line up the tongue of the upper box half with the groove of the lower box half, close up the junction box and install the screws.

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NOTE: Steps 7 through 9 are optional. Applying the heat shrink tubing is intended for deep powder riding where the chance of snow and water getting inside the junction box is greatly increased. Although PowerMadd recommends that every Throttle Extension Kit that is installed use the heat shrink tubing as a precaution.



- Step 7:** Take the heat shrink tubing and slide it down over the junction box so the box is centered in the tubing.
- Step 8:** Using an average hair dryer on the hottest setting, hold it close to the tubing until it shrinks tight to the box and around the cable at each end. Holding a board behind the tubing while applying heat will speed up the shrinking process.
- Step 9:** The tubing should completely shrink down around each cable but may not be water tight. After you complete Step 12, you can put a cable tie around each end to make the seal water tight.
- Step 10:** Lengthen or shorten the cable adjuster to get the “**extension T fitting**” to be the same dimension as the stock dimension from Step 4. This will be your starting point for adjusting the cable slack.
- Step 11:** Install the extension cable into the throttle block and lever. Throttle lever should have a little slack to work properly with the stock safety switches. Refer to service manual for correct adjustment of cable slack.
- Step 12:** Once proper slack is achieved, start up snowmobile while on a track stand to be sure throttle controls are working properly. Then turn off snowmobile.
- Step 13:** Tighten jam nut of the adjuster. Re-zip tie the cable to the handlebar assembly and reinstall the handle bar pad.

LIMITED WARRANTY

POWERMADD warrants this product to be free from defects in material and workmanship under use for the purpose it was intended. **POWERMADD** shall not be liable for damage or injury caused by defective materials or workmanship. **POWERMADD** may elect to repair or replace this product, but is the sole judge of any defects in their product. This warranty does not cover any labor costs to remove or reinstall this product and is effect for one year from the original purchase date.