



BT-4 Upgrade Kit Installation

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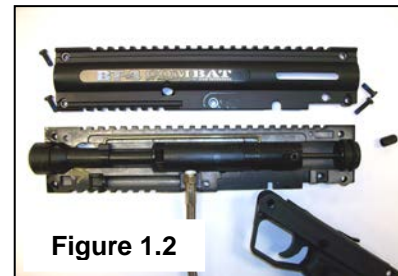
CAUTION: Before attempting to perform any installation operations. Make sure that all paintballs and air sources have been removed from the marker. Install a barrel blocking device and engage safety. Make sure the marker is in the un-cocked (bolt in forward position) before taking the body apart.

Contact Paintball Solutions for any assistance at 1-800-220-3222 or visit www.paintballsolutions.com.

- 1) Remove the feed elbow and any accessories mounted on the top and bottom Picatinny rails.
- 2) Remove the barrel from the front of the marker.
- 3) Lay the marker on a flat surface with the left side name plate facing up.
- 4) Using a 1/8" Allen wrench, remove the two Grip Frame retention screws.
- 5) If the Acorn shoulder nuts of the Grip Frame retention screws do not fall out on their own, push them through the Grip Frame with the Allen wrench.



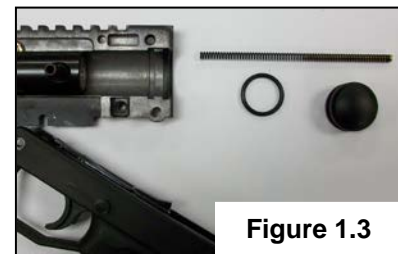
- 6) Gently pull the Grip Frame away from the receiver body. (Figure 1.1)
- 7) Remove the Cocking Handle Cover (black rubber cover).
- 8) Remove the four upper Receiver Body retention screws, located on each corner of the body using the 1/8" Allen wrench.
- 9) Carefully separate the two halves of the Receiver Body.
- 10) Lift the top half of the Receiver Body away from bottom half of the Receiver Body and place to the side. (Figure 1.2)



Notes:

The end cap will be under some spring tension and may spring out when the top name plate receiver is lifted off.

The retention screw located below the cocking handle slot is longer than the other three screws.

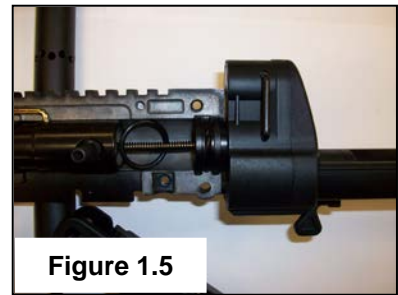


- 11) Once the body halves are separated, remove the End Cap, Main Spring, Spring Guide, and Shock Absorber O-Ring. (Figure 1.3)
- 12) Place the Main Spring and Spring Guide through Shock Absorber O-Ring and into the center hole of the mounting point of the adjustable stock and place all components in the right side receiver. (Figure 1.4)

- 13) Carefully place the mounting point of the stock into the corresponding grooves of the receiver body, as seen previously with the End Cap. (Figure 1.5)
- 14) Match the left side Receiver Body to the right, making sure that the internals are in place, and the grooves of the stock align. Next, install the four retention screws. Tighten all four screws and replace the rubber Cocking Handle cover.



- 15) Place the Grip Frame over the Receiver Body and line up the two screw holes for the retention screws.
- 16) Insert the two Acorn shoulder nuts, matching the shape in the Grip Frame and then install and tighten the two Grip Frame retention screws. (Be careful, these screws can strip out)
- 17) Slide the longest section of the Picatinny shroud along the top rail with the rear sight mounted closest to the rear of the marker.



- 18) Loosen the thumbscrews of the clamping feedneck mounting bracket.
- 19) Mount the clamping feedneck so that it is positioned immediately next to the rear sight Picatinny shroud and aligns with the Feed Hole. Tighten the screws to securely attach the feedneck to the marker.
- 20) Install the smallest section of Picatinny shroud, making sure to align the shape to correspond with the other shroud sections.
- 21) Install the barrel, being careful not to over tighten.
- 22) Inspect that the marker is in good working order prior to installing air source.

You are now ready to use your BT-4 with your new Upgrade Kit. If further assistance is needed read your product marker manual or call Paintball Solutions at: 1-800-220-3222 or visit www.paintballsolutions.com