

# PRODUCT INSTALLATION GUIDE

## AK-47, MAK-90 Maadi Fiberforece Stock & Handguard



### HARDWARE INCLUDED

- [2] 6MM x 2" Machine Screw
- [1] 5/16 x 1 1/2" Sheet Metal Screw
- [1] #6 x 1 1/2" Sheet Metal Screw

NON APPLICABLE

### TOOLS Needed

- Flat Head Screwdriver
- Phillips Head Screwdriver
- Allen Set



**Warning:** When handling a firearm, always follow the proper handling procedures at all times. Failure to follow these procedures could result in serious damage, injury, or death. We are not responsible for damage to property, injury, or death resulting from improper installation, misuse or modification of products. If you are not comfortable completing any of the following steps, or do not have the proper tools enlist the help of your local gunsmith. We are not responsible for components that are damaged due to improper installation.



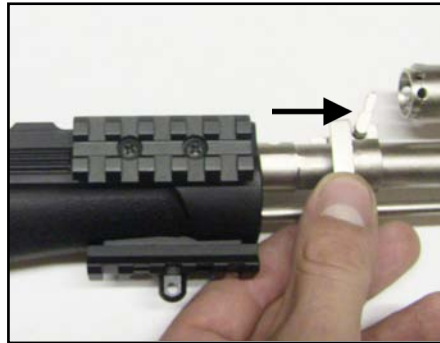
- 1
- Disassemble your AK-47 using your owners manual. Begin by removing the receiver cover from your AK-47 as seen in Figure 1.



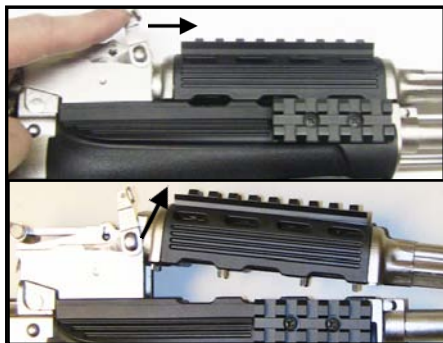
- 4
- Next, rotate the handguard around the gas tube 180 degrees and slide it away from the gas tube as seen in Figure 4.



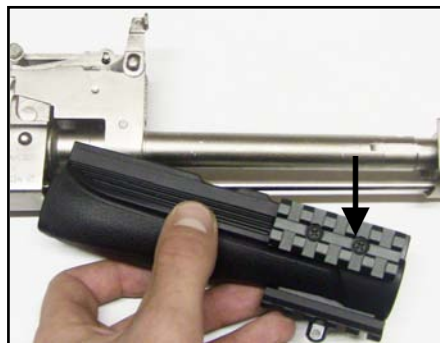
- 2
- Remove the recoil spring from the AK as seen in Figure 2. Place both the recoil spring and the receiver cover aside for later installation. Remove the buttstock and pistol grip per the instructions in the owners manual.



- 5
- To remove the lower forearm, raise the locking lever located on the inside right of the forearm front band, to unlocked position as seen in Figure 5.



- 3
- To remove the upper handguards and gas tube assembly, raise the lever on the right side of the rear sight base. The assembly can then be removed by lifting upwards and towards the rear as seen in Figure 3.



- 6
- Next, slide the forearm front band forward and remove the existing lower forearm as seen in Figure 6.

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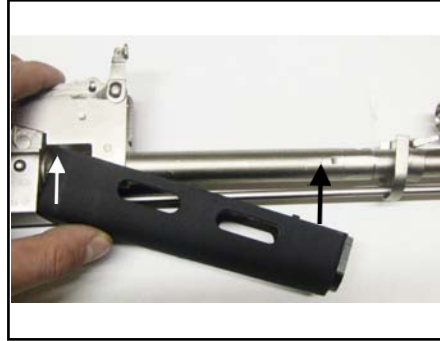
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Place the pivot housing assembly into the receiver. Next, mark the tang hole using a pen. Remove the pivot assembly and start drilling a pilot hole with a 1/16" starter drill bit. Next move up to the 3/16" drill bit and drill a wider hole using the already drilled pilot hole as seen in Figure 7.



11

To install the lower forearm, begin by inserting the rear locator tab into the recess in the front of the receiver as seen in Figure 11. Hold the forearm against the barrel, and work the barrel band over the front of the forearm. Once in place, return the barrel band locking lever to the locked position.



8

Insert the original tang screw into the pre drilled hole on the fiberforce stock and tighten using a phillips head screwdriver as seen in Figure 8.



12

Slide the new ATI upper handguard over the gas tube as seen in Figure 12. Make sure the handguard is properly aligned before moving to the next step.



9

Next, insert the 6mm x 2" machine screw grip bolt through the bottom of the grip handle and tighten until the stock is completely secure to the firedarm as seen in Figure 9.



13

With the upper handguard secured to the gas tube, install the new ATI upper as seen in Figure 13



10

Re-install the recoil spring and receiver cover as seen in Figure 10.



14

if needed, gently tap the upper handguard forward until it drops into place. Insert the (2) supplied # 6 self tapping screws into the top of the handguard at the rear as seen in Figure 14. NOTE: Some AK variations will require using a block of wood and a mallet to correctly align the front gas tube collar with the new ATI handguard.