



November 4, 2009 REV 10

## **TECHNICAL NOTE 81: INSTALLATION OF ARMALITE'S® AR-10® & M-15™ 1913 HANDGUARD KITS**

**“NOTE: Please read these instructions thoroughly to determine if you are comfortable with the installation tasks. If you would like our Service Department to install this kit into your firearm, please contact our sales department at sales@armalite.com. Kit installation by our Service Department typically requires less than one hour of labor.”**

### **I. KITS AND KIT COMPONENTS**

These instructions apply to the following ArmaLite® 1913 Handguard Kits:

AR-10/M-15 1913 RIFLE HANDGUARD KIT, ALUMINUM, BLACK (P/N 10705110KIT)

AR-10/M-15 1913 MID-LENGTH HANDGUARD KIT, ALUMINUM, BLACK (P/N 10705111KIT)

M-15 1913 CARBINE HANDGUARD KIT, ALUMINUM, BLACK (P/N 10705112KIT)

The ARMALITE® 1913 Handguard Kits include the following components:

1913 HANDGUARD SCREW (6 INCLUDED) (P/N EX0050)\*

COILED SPRING PIN (P/N EL0205)\*

SET SCREW (4 INCLUDED) (P/N EX7000)\*

1/16" ALLEN WRENCH (P/N EX7010)

7/64" ALLEN WRENCH (P/N EX0033)

1913 RAIL COVER (3 INCLUDED) (P/N 10708019)\*

\* These parts are already assembled to the handguards.

And ONE of the below-listed 1913 handguards:

1913 RIFLE LENGTH HANDGUARD (P/N 10705110)

1913 MID LENGTH HANDGUARD (P/N 10705111)

1913 CARBINE HANDGUARD (P/N 10705112)

Make certain that your kit contains all of these components.

### **II. APPLICABILITY OF THE ARMALITE® 1913 HANDGUARD KITS**

ArmaLite's® 1913 Handguard Kits are very adaptable. They can be used on all M-15s™ EXCEPT M-15Ts™ and M-15™ National Matches and on all AR-10s® EXCEPT AR-10Ts®, AR-10® National Matches, and SuperSASS™.

Rifle length kits can be used on AR-10s® and M-15s™ with rifle length (12") gas systems.

Mid-length kits can be used on AR-10s® and M-15s™ with mid-length (8") gas systems.

Carbine kits can be used on M-15s™ with carbine length (6") gas systems.

### III. TOOLS REQUIRED (NOT IN KIT)

NONE

### IV. KIT INSTALLATION PROCEDURE

This procedure assumes that you will be converting an AR-10® or M-15™ to utilize ArmaLite's® 1913 handguard. Disassembly and reassembly of the firearm beyond that explained in the owner's manual may be required. See the AR-10® or M-15™ Owner's Manual for basic disassembly and reassembly procedures. Additional disassembly and assembly are explained herein.

### V. REMOVAL OF ORIGINAL AR-10® OR M-15™ COMPONENTS



**WARNING: ALWAYS ASSUME ALL FIREARMS ARE LOADED. ANYTIME YOU HANDLE A FIREARM, YOU SHOULD IMMEDIATELY INSPECT IT TO ASSURE THAT IT IS COMPLETELY UNLOADED.**



**WARNING: IF YOU KNOW NOTHING ELSE ABOUT YOUR ARMALITE® FIREARM, YOU MUST KNOW HOW TO UNLOAD IT AND CLEAR IT TO MAKE IT SAFE.**

1. Place the safety selector on "SAFE".

NOTE: If the firearm is not cocked, the lever cannot be pointed toward "SAFE". If this is the case, pull the charging handle to the rear to cock the hammer. Then release the charging handle allowing the bolt carrier to go forward.

2. Remove the magazine by pressing the magazine catch button and pulling the magazine down and out of the receiver.



**CAUTION: THE MAGAZINE WILL FALL FREE WHEN THE MAGAZINE CATCH IS PRESSED. DON'T ALLOW THE MAGAZINE TO FALL ONTO A HARD SURFACE. DOING SO MAY DAMAGE THE MAGAZINE.**

3. Extract the cartridge (if any) from the chamber. To extract a cartridge pull the bolt carrier assembly fully to the rear. If there is a cartridge in the chamber, it should be extracted and ejected from the firearm.

4. Look into the chamber to assure that it does not contain a cartridge.



**WARNING: NEVER ASSUME THAT THE CHAMBER IS EMPTY UNTIL YOU HAVE VISUALLY EXAMINED IT AND SEE THAT IT IS EMPTY.**

5. Remove any remaining cartridges from your magazines.



**WARNING: THE STEPS IN UNLOADING YOUR FIREARM MUST BE FOLLOWED IN THE EXACT ORDER GIVEN. THE MAGAZINE MUST BE REMOVED BEFORE THE CHAMBER IS INSPECTED. IF YOU CLEAR THE CHAMBER BEFORE REMOVING THE MAGAZINE, YOU MAY REMOVE ONE CARTRIDGE FROM THE CHAMBER AND THEN, UPON CLOSING THE BOLT, CHAMBER ANOTHER CARTRIDGE FROM THE MAGAZINE. THE FIREARM WILL STILL BE LOADED. REMEMBER THAT A CARTRIDGE IN THE CHAMBER CAN STILL BE FIRED EVEN AFTER THE MAGAZINE IS REMOVED.**

6. Remove the upper receiver assembly from the lower receiver assembly as directed in your owner's manual. Then remove the bolt carrier assembly and charging handle from the upper receiver assembly.

7. Remove the two-piece handguards in accordance with the owner's manual.

## VI. INSTALLATION OF 1913 HANDGUARD KIT

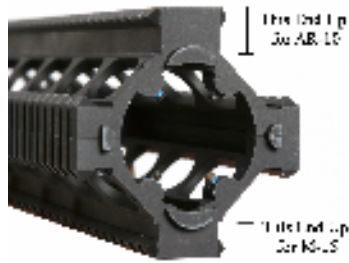


1. Disassemble the 1913 handguard set by loosening the six allen head handguard screws that hold the two halves together.

2. Back out the four set screws at the front of the handguards so that they don't protrude inside the handguards.

3. First, install the bottom half of the handguard onto the upper receiver assembly. Then install the upper half.

NOTE: When installing the kit on an M-15, the handguards should be installed so that the shorter rail is on the top. When installing the kit on an AR-10, the taller rail should be on the top.



NOTE: If you have difficulty installing the front end of the handguards in the handguard cap, you may need to bend the handguard cap inward slightly to provide clearance for the tabs on the handguard around the cap. This can be done by tapping gently with a plastic hammer, or by bending with padded needle nose pliers.



4. Reinstall the six allen handguard screws and tighten them hand tight.
5. Tighten the four set screws equally so that the front of the handguard is centered around the barrel.