

# STOP!

## READ THIS FIRST

Improper installation can result in damage. Do not attempt installation if you are not familiar with the firearm, tools and techniques mentioned. You are responsible for any damage or injury resulting from the improper use or installation of this product.

### Installation of the Rifle Modstock on a Collapsible Buttstock Receiver Extension

**Removal of existing collapsible buttstock and installation of new Modstock** - To remove the existing collapsible buttstock, grasp the entire locking lever assembly and pull it away from the stock (to fully retract/disengage the lever lock pin) while simultaneously sliding the stock to the rear of the receiver extension. This may be better accomplished by having another person hold the rifle, while you grasp the stock in one hand and the adjustment lever in the other, and pull the two apart. To install the new collapsible Modstock assembly, reverse the removal process. See Figure 1.

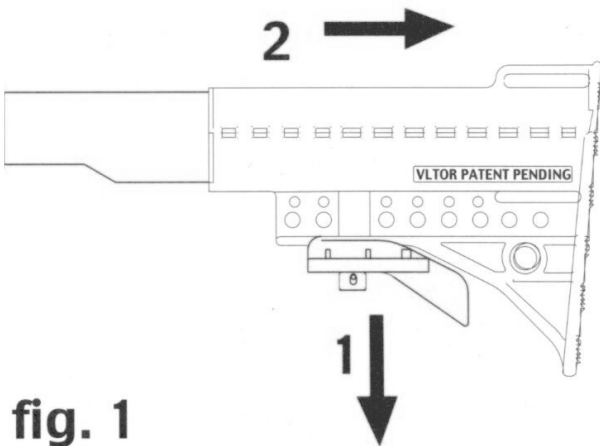


fig. 1



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If you encounter any difficulties operating the Modstock system, or if your qualified gunsmith/technician has questions regarding installation of the Modstock system, feel free to contact Vltor Service Department.

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#### Go To [WWW.VLTOR.COM](http://WWW.VLTOR.COM) For The Following:

- Operation and Installation Manual.
- New Products and Accessories.
- Frequently Asked Questions ( FAQ ).
- VLTOR News and Related Links.

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The Modstock system and related Vltor components are Patent Pending

VWS-M002 RevA, Sep 2009



### Modstock Installation and Operation Manual Updated: September, 2009

Congratulations on the purchase of your VLTOR Modular Firearm Buttstock, (a.k.a. Modstock). We hope you will appreciate the quality construction and versatility the Modstock offers. Please read this Installation and Operation Manual thoroughly before handling the Modstock and/or the contents of the box.

**WARNING:** The Installation of a Vltor Modstock System should be performed by a qualified gunsmith or qualified United States Military small arms technician. Refer to the current United States Military Technical Manuals or Colt factory technical manuals for proper tool needs and torque specifications.

**LEGAL NOTE:** The Vltor Modstock can be used on all AR-15/M16/M4 Rifle or Carbine systems. Vltor recommends the installer and/or the firearm's owner check with local, state and federal law before installing or possessing any product manufactured or sold by Vltor, as Vltor is not responsible for the installation or use of any Modstock system, or any other related Vltor product.

**Important Note** Regarding Military Specification (MilSpec) dimensioned carbine receiver extensions: The Vltor Modstock System will fit only military dimensioned (MilSpec) receiver extensions. Other makers' collapsible stock receiver extensions may not fit properly or at all.

## AR Rifle Series

**Legal note:** Refer to Legal Note/Disclaimer at the beginning of the manual, as many states & municipalities consider this to still be a “collapsible stock”.

**Removal of existing buttstock / installation of Rifle Modstock** - Remove the large slotted screw from rear of the existing fixed buttstock, taking care not to lose the takedown spring & detent from the rear of the lower receiver. If removing an “A2” length buttstock, save the buttstock screw and 5/8” spacer from rear of tube for future use.

Install the rifle Modstock over the receiver extension, insuring that the indexing nub on the forward portion of the stock is flush within the receiver, and that the takedown detent & spring are properly installed in the receiver.

For “A1” length (ARM-1 series) Modstocks, with the Butt Cap in place, install the new A1 length Butt Cap Screw (included). Tighten screw to proper specification as required in the United States military or Colt factory technical manual.

“A2” length (ARM-2 series) Modstocks install the same way, except using a longer stock screw and 5/8” spacer (not included) between the receiver extension tube and Modstock Butt Cap.

### Installation of the Rifle Modstock to the Collapsible Buttstock Receiver Extension

A Manual Lock-Pin must be installed to lock the stock into position. The Manual Lock-Pin is equipped with every rifle Modstock kit and consists of a steel indexing pin and a pivoting composite material latch. To lock in position, install the Lock-Pin into the access port, inserting the pin into the receiver extension’s adjustment slot (see figure 2). With the pin installed, rotate the Manual Lock-Pin’s Locking Latch until it contacts the ramping surface (the bridge of material along the mounting beam). By applying pressure to the Locking Latch, it will ramp-up and rotate to a

complete locking position, simultaneously forcing the Manual Lock-Pin upward in the receiver extension slot. To unlock and remove the Manual Lock-Pin, reverse the installation process.

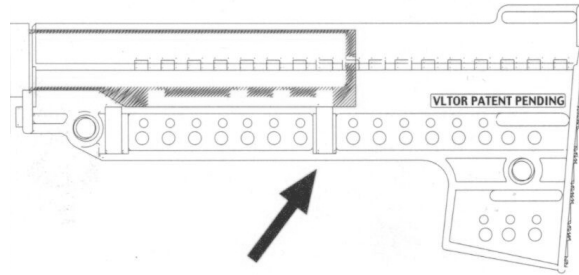


fig. 2

### Installation of Cheekweld Adapter or Modstock Accessory Compartment

**Note:** Basic Carbine Kits (ACB and ACBK) are only equipped with Accessory Compartments.

The installation of the Cheek Plate and Accessory Compartment is similar. Both items feature locking fingers on the upper portion and mounting flange at the base.

To install, first insert the locking fingers into the square mating holes along Modstock’s body, then pivot the accessory downward until the accessory’s mounting flange contacts squarely against the surface of the stock. On the Carbine Modstock, the installer may need to retract the Lever Lock Pin Paddle to give access.

Modstock kits come equipped with two Accessory Nuts and two Accessory Mounting Screws. Basic Carbine Kits (ACB and ACBK) are equipped with only one Accessory Nut and one Accessory Mounting Screw. To install, index and insert the Accessory Nut into the accessory and through the Modstock mounting I-beam. After insertion of the Accessory Nuts, install the Accessory Mounting Screw on the

opposite side of the Accessory Nut’s insertion. Thread the Accessory Mounting Screw(s) to a snug fit with the aid of a 3/32 hex wrench (which is provided with the Modstock kit). The combination of the Accessory Mounting Screw and Nut will sandwich the Adapter/Compartment and the Modstock together.

**Compartment Cap Installation Tip:** Some may find the installation and removal of the caps to be difficult. To aid in the process, apply a dab of petroleum gel or silicon grease to the rubberized material, which seals to the inside of the compartment.

### The Operation of the Quick Detach Sling Swivel

**Note:** Basic Carbine Kits (ACB and ACBK) are not equipped with the QD Sling Swivel.

The Vltor Modstock system has the ability to mount a sling, both conventionally and by quick detachable means. To allow the sling to be quick detachable, Vltor has equipped most Modstock kits with one Quick Detachable Sling Swivel.

To install the QD sling swivel into the Modstock, first insert the body of the sling swivel into the Sling Swivel Locking Sleeve located within the Modstock. With the Sling Swivel partially installed, complete the insertion by applying pressure to the push-button. The button is located on the exposed portion of the sling swivel’s body. By pressing the button, the swivel’s ball bearings will retract, allowing the total insertion of the sling swivel into the Sling Swivel Locking Sleeve. To remove the QD sling swivel simply reverse the installation process.

The Modstock has multiple mounting points for a QD Sling Swivel. For every one Sling Swivel Locking Sleeve molded in a Modstock, the QD Sling Swivel can mount ambidextrously to either side. For example, the rifle Modstock has two Sling Swivel Locking Sleeves giving the operator the choice of four mounting possibilities. The collapsible Modstock only features one Sling Swivel Locking Sleeve, which gives the operator the choice to mount the sling from either side of the stock.