

#### Sling Attachment.

The Vltor EMOD 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 the EMOD with a quick-detach swivel socket. This sling swivel is retained within the stock by means of retractable locking ball bearings - the swivel is installed or removed by depressing the button in the center of the sling swivel.

#### Maintenance.

The EMOD requires little maintenance - during routine cleaning of the weapon, it is recommended to remove the stock and clean any dirt/sand that may build up in the adjustment latch, locking pin or between the stock body and receiver extension tube.

#### Replacement Parts.

Replacement battery compartment caps, buttpad and other small parts can be obtained directly from Vltor Weapon Systems - just contact us with your needs.

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

## Vltor Weapon Systems

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Thank you for choosing Vltor!

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The assembly or installation of firearm parts and components should only be performed by a qualified gunsmith or certified armorer. Vltor Weapons Systems is not responsible for any injury or damage resulting from the improper installation or use of our products.

Vltor Weapons Systems strongly supports your 2<sup>nd</sup> Amendment Right! We promote the safe handling and responsible ownership of firearms, and encourage everyone (no matter your level of experience) to participate in firearms training and education programs. More information about educational programs can be found on the National Rifle Association's web page at [www.nrahq.org/education](http://www.nrahq.org/education)

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VWS-M004



## VLTOR WEAPON SYSTEMS

### EMOD Collapsible Stock Assembly



## WARNING!

**Installation of the EMOD is only to be performed by a qualified gunsmith or certified military/agency armorer!**

Safe operation and reliability of a firearm is dependant on professional service. Installation requires special tools and equipment. The following is provided only to assist the professional installer.

## WARNING!



**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.**

## Ensure the rifle is CLEAR and SAFE!

**Before installation, read instructions, Warnings and Notes.**

*A note to qualified installers: Refer to the current United States Military Technical Manuals or Colt factory technical manuals for proper tool needs and technical data, such as, torque specifications. All parts installed during the conversion should be new and certified by the cognizant U.S. Military authority or contract holder.*

**LEGAL NOTE:** Installation of the EMOD may be prohibited in your area! Vltor Weapons System recommends the installer and/or the firearm's owner check with local, state and federal law before attempting installation/possession of any product manufactured or sold by Vltor Weapon Systems. Vltor Weapon Systems is not responsible for the improper installation or use of the EMOD system, or any other related Vltor Weapon Systems product.

### Receiver Extension Tube.

Determine what type of receiver extension tube is on your rifle. The EMOD will only work with collapsible "carbine" type receiver extension tubes - if you have a fixed "rifle" stock receiver extension, you will need to replace the **extension tube, buffer and spring** with the correct carbine parts. Carbine receiver extension tubes, buffers and springs are available from Vltor Weapon Systems.

**Note:** There are two common sizes of carbine receiver extensions on the market. The Vltor EMOD is available for either size, make sure that your stock and extension tube are the correct size:

**MilSpec** - The tube diameter for a military specification extension tube is 1.150 inch.  
**Commercial** - The diameter of the commercial tubes is 1.170 inch.

Ensure that the EMOD stock you purchased is the correct stock; either for a MilSpec or Commercial extension tube. The EMOD is marked inside of the auxiliary storage compartment - look closely at the forward most of the two smooth "circles" at the bottom of the compartment, the MilSpec stocks have the letter "M" molded in the material, commercial stocks have no marking.



### Remove the old stock.

To remove the existing buttstock, two steps need to be taken simultaneously. *Step 1:* retract/disengage the lever lock pin. *Step 2:* slide the stock to the rear of the receiver extension until the stock assembly separates from the receiver extension. To install the new collapsible EMOD assembly, reverse the removal process.

### Assembling/Installing Battery Compartments.

The EMOD is equipped with two removable, water tight battery compartments that feature locking fingers on the upper portion and a mounting flange at the base. To install, insert the locking fingers into the square mating holes along the EMOD's body. Next, pivot the battery tube downward, until the mounting flange contacts squarely against the surface of the stock - you will need to retract the Lever Lock Pin Paddle to clear the mounting flange.

Next, install the mounting hardware, the EMOD comes with an Accessory Nut and Screw. To install, index and insert the Accessory Nut into the battery tube and through the EMOD body. After insertion of the Accessory Nut, install the Screw from the opposite side. Tighten the Screw to a snug fit with the provided 3/32 hex wrench.

### Installing and removing the compartment caps.

Each battery tube is equipped with a Compartment Cap, the caps are easy to operate and feature a rotary-lock function. To install the Compartment Caps, place the cap in the compartment opening with the cap's lever pointing downward (towards the toe of the stock). Then push the cap into the compartment, while at the same time rotating the lever in, towards the center of the stock - the cap will catch in lock in place. To remove the caps, rotate the lever outward, allowing the cap to cam against the ramped surface on the face of the tube - this will assist in removing the cap.

**Installation tip:** To make the caps easier to install and remove, apply a dab of petroleum gel or silicon grease to the rubber seal portion of the cap.

### Removable butt/strike plate.

The EMOD is equipped with a removable, rubber buttpad and integrated strike plate. The pad is held in place by one hex key screw and the strike plate hook at the toe of the stock. The buttpad will experience normal wear and is replaceable by the end user. The EMOD can be used without the buttpad if the operator chooses to do so.

### Lower storage compartment.

The EMOD has an integrated, weather proof lower storage compartment suitable for battery or small parts storage. This compartment is designed as a "quick access" compartment - the offset hinge and latch provide a weather resistant seal, but the compartment may not be water tight if submerged.

To open the compartment, press down on the latch from the left side, then press the latch through from the right side of the stock.

To lock the compartment closed, **do not press on the door!** Lock the latch by pressing in and slightly up on the latch tab itself - as outlined in red in the picture.

