



SYLVAN
ARMS

**AR HINGE
FOLDING STOCK
ADAPTER**

User's Manual

SYLVAN ARMS AR HINGE FOLDING STOCK ADAPTER

This product is use for use with buffer adaptable platforms including calibers from 5.56 to .308.

www.sylvanarms.com - READ ENTIRE MANUAL BEFORE INSTALLING

Parts list:



1. Lower Hinge Assembly (Receiver Side)
2. Buffer Hinge Assembly (Stock Side)
3. Bolt Extension Piston
4. Detent Pin
5. Detent Spring
6. Sylvan Castle Nut
7. Buttstock tube lock

CAUTIONS AND WARNINGS

DO NOT FIRE WHILE STOCK IS FOLDED – THIS PRODUCT IS NOT DESIGNED TO BE FIRED IN THE FOLDED POSITION. SAFETY SHOULD ALWAYS BE ENGAGED BEFORE FOLDING AND REMAIN ENGAGED DURING THE ENTIRE DURATION OF BEING IN THE FOLDED POSITION.

FIREARM MODIFICATIONS SHOULD BE DONE BY GUNSMITH OR CERTIFIED ARMORER.

SAFETY SHOULD ALWAYS BE ENGAGED – ALWAYS CHECK THERE IS NO ROUND IN CHAMBER, REMOVE MAGAZINE – CHECK THE CHAMBER AGAIN TO ENSURE WEAPON IS UNLOADED, CHECK ALL ABOVE STEPS AGAIN.

Tools Required – Standard AR Castle Nut Wrench

O-rings should be regularly checked on the bolt extension piston for wear or damage. If damage is apparent, replace O-rings. If adapter is ever fired while folded (not recommended) replace O-rings.

Maintenance – Locking latch should be oiled regularly for longevity and low friction ease of use.

It is not necessary to disassemble the Proteus for installation

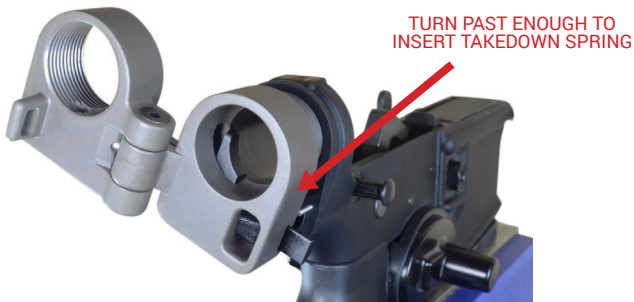
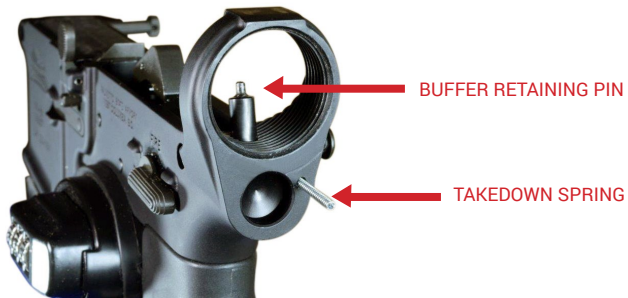


1. Remove upper, remove stock from buffer tube, ensure chamber is empty, magazine removed, and weapon is not loaded with safety engaged. Remove the buffer tube (including buffer and spring)

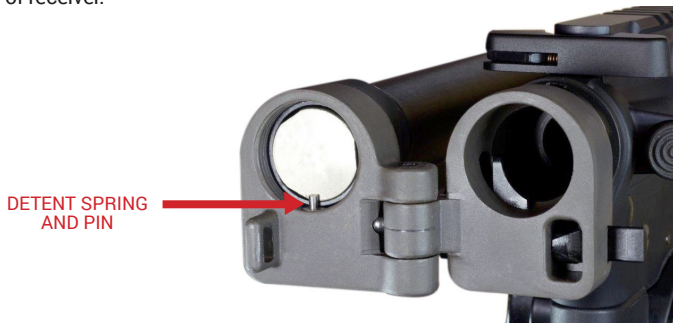
At this time it is recommended to place the lower in a Sylvan Arms® magwell vise block then secure the lower into a vise as pictured.

Use care not to lose takedown pin spring and detent.

2. INSTALL PROTEUS



Screw lower hinge assembly onto receiver, ensure to place over buffer retaining pin, turn past enough to insert takedown spring, align the protrusion of buttstock tube lock with the corresponding index concavity of receiver.



Screw on the Sylvan castle nut with castle nut wrench, see diagram above. Apply torque of approximately 50NM or 37lbft

3.) INSTALL BUFFER TUBE

While unit is in the magwell vise block, screw on the buffer tube to the buffer hinge assembly as would normally be done onto the receiver. Then Proteus is folded, insert action spring and buffer by pushing them into the buffer tube. Replace buffer retaining pin in the same way you would without the Proteus to hold the buffer in place.



CASTLE NUT

Please make sure the detent pin and spring are replaced properly

Place Proteus upside down in vise with padding

WARNING:

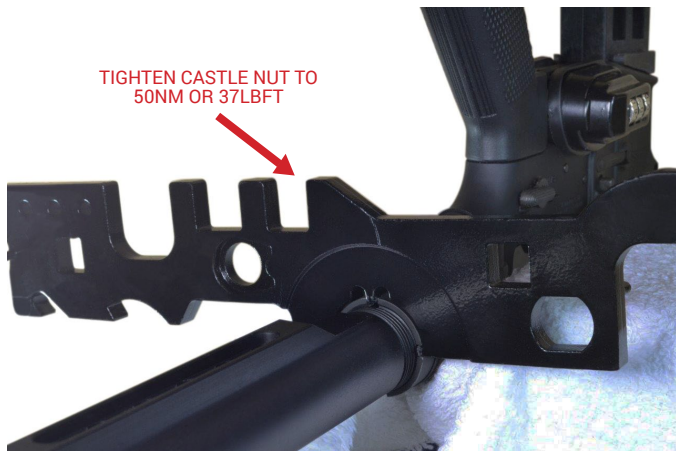
THIS STEP IS CRITICAL TO AVOID EXCESS SHEAR FORCES ON THE PROTEUS WHICH CAN COMPROMISE THE STRUCTURAL INTEGRITY.



IT IS OK TO COVER LATCH HERE

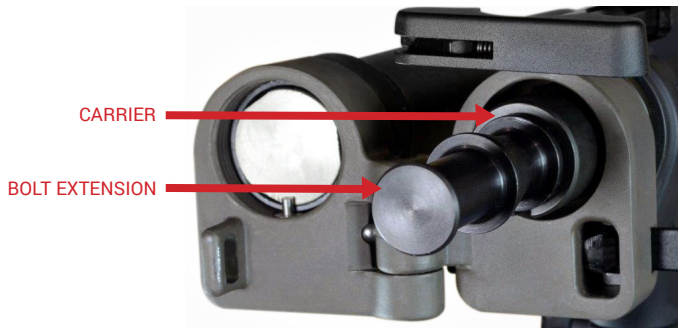
TERRYCLOTH OR TOWELS

4) INSTALLING STOCK OR SYLVAN ARM BRACE



With adapter properly installed on the receiver, and buffer tube also properly installed, you can now install the stock or arm brace onto the buffer tube as you would in a normal AR configuration. It is recommended to tighten the castle nut at 50NM/37ftlb.

5. INSTALL BOLT EXTENSION



With stock folded, depress and hold the latch button and pull charging handle so that you BCG is protruding from the receiver. Now insert the extension into the rear of the carrier



Be sure the extension is fully inserted to the first shoulder.

After extension is properly installed in carrier, push the latch button, push the bolt carrier extension/bolt carrier back into the receiver fully. Release button. To remove extension you can reverse the above process.

If your hinge is model Theta, please follow this step:

MAKE SURE SPRING CLIP IS FULLY ENGAGED TO ENSURE MAXIMUM RIGIDITY AND STRUCTURAL INTEGRITY WHILE IN THE FIRING POSITION.

IF YOUR RIFLE HAS A SMALLER DIAMETER HOLE IN THE CARRIER, PLEASE CONTACT US FOR ALTERNATE BOLT EXTENSION

WARRANTY

AR Hinge Folding Stock Adapter Limited Warranty

Your AR Hinge Folding Stock Adapter is warranted against original defects in material and workmanship for a specific period from the date of purchase, when used for purposes in accordance with this User's Manual. This warranty provides for the replacement of a defective unit within (1) one year from the date of purchase. The one (1) year warranty for unit replacement applies only for the first purchaser and to the date of first purchase.

For questions or warranty application call Sylvan Inc. directly at **843.492.5283**. Do not contact retailer where you purchased this product as they will simply direct you to call Sylvan Inc. to resolve any problems.



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