

BOX & DRUM MAGAZINE LOADING / UNLOADING

CAUTION: Magazines are designed for use with only 2.75", 12 gauge shotgun ammunition in new or like new condition. Do not utilize oversized, undersized, damaged, or reloaded ammunition.

Note: Some shotgun ammunition brands use more buffer material than other manufactures (small white beads inside shells). The presence of excess buffer material can negatively impact the performance of magazines. To ensure consistent performance, clean out loose buffer material often or utilize ammunition without or limited amounts of buffer material. See cleaning instructions for recommended cleaning procedures.

1

To load, hold shells parallel to the magazine; load one round at a time by pressing shells down into the top magazine opening.

Note: For best performance, the brass rims should be loaded to the front or in front of the rim of the previous round in the magazine. Do not alternate rims during loading.

- a. Box magazine; place shell rim in magazine rim slot. Depress shell past shell retainer. Repeat until magazine is full.



- b. Drum magazine; right hand shooters will load shells with the brass to the rear and the round portion of the drum magazine facing right (as shown).



Left hand shooters will load the shells with the brass to the rear and the round portion of the drum magazine facing left.

2

Once the selected magazine is loaded, insert the magazine into the bottom opening of the magazine well. The magazine should always be inserted with the brass facing towards the rear of the shotgun (nearest to the receiver). The magazine should be completely inserted into the magazine well until the locking latch is engaged. Verify the magazine is secure prior to firing.



WARNING: A live round may still be in the mag tube when the magazine is removed. Use caution; verify firearm safety is on and the barrel pointed in a safe direction. **Remove live round from tube;** confirm the shotgun is unloaded by opening the action and making visual and touch verification as directed in shotgun's owner manual.

3

To remove magazine from magazine well, verify firearm safety is on and the barrel is pointed in a safe direction, grasp magazine and depress magazine release. Pull magazine downward out of magazine well.



4

To unload magazine, point magazine in a safe direction, depress shell release button.



5

To clean the magazine, slightly depress the magazine shell follower and shake out or blow out loose debris. Wipe down magazine surfaces with plastic safe cleaners and lubricants.

CAUTION: Drum magazine should not be disassembled. The internal components are under pressure and cannot be reassembled without specialized tools.

IMPORTANT INFORMATION

WARNING: All firearms are potentially dangerous; their improper use may cause great harm, personal injury or death. It is your responsibility to know the safe use, procedures and operation of your firearm, and to store, handle and transport your firearm safely. Proper training is available through accredited firearms safety training programs.

Refer to your Mossberg owners manual for maintenance, care and safety instructions related to the firearm. If you do not have a factory owner's manual you may obtain one at no charge from O.F. Mossberg & Sons, Inc., PO Box 497, North Haven, CT. 06473. (203)230-5300 <http://www.mossberg.com>

CUSTOMER SATISFACTION

Customer satisfaction is our number one priority. Do not hesitate to contact us with any questions or problems. We will do our absolute best to help you.

Due to the manufacturing variations in ammunition we do not warrant that your Sidewinder Venom System and the related magazines will function correctly with any one specific shotgun ammunition. Test all purchased ammunition for function and reliable performance when used in conjunction with the Sidewinder Venom System. Except for defects in materials or workmanship, the product is sold "AS IS" and "WITH ALL FAULTS." To the extent allowed by law, we specifically disclaim any expressed or implied warranties, including but not limited to warranties of merchantability and fitness for a specific purpose. We disclaim any responsibility for damage or injury that may result from any modifications or changes that are NOT part of the Sidewinder Venom System as delivered from the factory.

For inquiries concerning Adaptive Tactical products, call (208)442-8000 between 8am and 4pm MST. For further information, ask your local dealer or visit us on-line at <http://www.adaptivetactical.com>.



ADAPTIVE TACTICAL

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MAGAZINE-FED
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MAGAZINE LOADING, DISASSEMBLY / ASSEMBLY INSTRUCTIONS

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INSTRUCTION OVERVIEW

These instructions are for the complete disassembly and assembly of the Sidewinder Venom™ Magazine-fed Shotgun System for deep cleaning or service of the firearm. Disassembly is not necessary for regular firearm or system maintenance. These instructions do not replace the Mossberg® owner's manual; please refer to your owner's manual for instructions related to the specific operation and maintenance of the firearm. These instructions are applicable to the following Sidewinder Venom Magazine-fed Shotgun Systems:

Sidewinder Venom™ Equipped Mossberg® 12 Gauge with 5 Rnd Box Magazine and Pistol Grip Stock



Sidewinder Venom Equipped Mossberg 12 Gauge with 10 Rnd Drum Magazine and Adjustable Stock



WARNING: Before beginning any maintenance on a Sidewinder Venom equipped shotgun, make sure the shotgun is UNLOADED and the mag tube cleared of live rounds. Read the instructions thoroughly and be sure that you understand them completely. Complete instructions, with pictures can be found on-line at: <http://www.adaptivetactical.com>

Note: The Sidewinder Venom system is designed and engineered to work specifically with the Mossberg 12-gauge shotgun on which it was installed by Adaptive Tactical, LLC. Do not remove the installed Sidewinder Venom kit and attempt to retrofit onto other firearms. Removal and installation of the system onto another firearm will void the related factory warranty and could result in an unsafe or potentially deadly scenario.

Note: If you are unsure or uncomfortable in performing firearm maintenance in a safe manner, take your Sidewinder Venom equipped shotgun to a competent gunsmith for proper maintenance. Refer to your Mossberg owner's manual for instructions related to the specific operation and maintenance of the serialized or receiver portion of the firearm. If you do not have a factory owner's manual, you may obtain one at no charge from O.F. Mossberg & Sons, Inc., PO Box 497, North Haven, CT. 06473 (203)230-5300 <http://www.mossberg.com>

DISASSEMBLY STEPS FOR MAINTENANCE

⚠ WARNING: A live round may still be in the mag tube when the magazine is removed. Use caution; verify firearm safety is on and the barrel pointed in a safe direction. **Remove live round from tube;** confirm that the shotgun is unloaded by opening the action and making visual and touch verification as directed in your shotgun's owner manual.

1 Remove shotgun stock. Complete disassembly of the shotgun and Sidewinder requires the removal of the stock.

Note: Instruction steps relate to the removal of the pictured adjustable shotgun stock. Similar steps or tools would be required for alternate stock configurations.

a. Adjust stock to the longest setting. Pull up on adjustment lever and slide the adjustable portion of the stock off the rear of the stock.



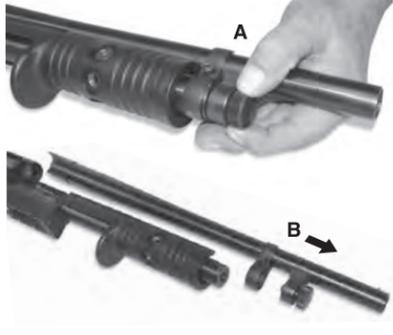
b. Insert 1/4" extended ball end Allen wrench into hole located on bottom of stock. Engage wrench with corresponding mounting bolt and turn counter clockwise until stock is free from rear of shotgun receiver.



2 Utilizing a 5/32" Allen wrench, loosen the barrel clamp.



3 Unscrew the capture screw on the end of the magazine tube (A) and remove the barrel by pulling it out of the receiver (B).



4 Utilizing an appropriately sized punch, remove drift pin.



5 Remove the trigger group rear end first from the receiver. Once the trigger group has been removed DO NOT PULL THE TRIGGER. Serious damage to the trigger group may result.



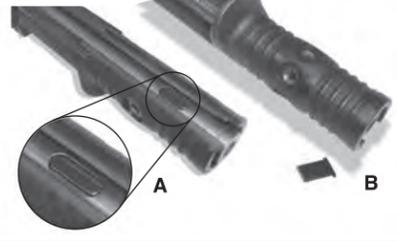
6 Remove the left side shell stop.



7 Position the bolt carrier as shown and remove it from the receiver.



8 Slide the forend forward and line up the follower assembly keeper with the opening on the top of the mag tube (A). Invert the firearm and allow the follower assembly keeper to fall free of the magazine tube (B). The action bar and forend assembly will now pull freely from the receiver and off the magazine tube.



9 Remove bolt from shotgun receiver.



10 Remove shell lifter from receiver. Shell lifter is held in position by spring tension into corresponding holes in receiver. Squeeze ends to relieve tension for removal.



11 Tip shotgun receiver at a sharp angle to remove follower assembly from inside magazine tube.

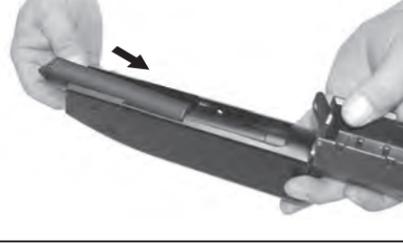


Disassembly is complete. It is not necessary or recommended to remove the magazine tube assembly from the receiver.

To clean Sidewinder Venom components, magazine well and magazine tube, used compressed air to remove any loose debris. Surfaces can be wiped down with firearm safe cleaners and/or lubricants. For firearm maintenance refer to your Mossberg Owner's Manual.

ASSEMBLY STEPS

1 Place receiver on flat surface with the bottom opening facing up. With the compressible angled tip facing the rear of the receiver, insert follower assembly into rear of magazine tube. **Note:** Slot for follower assembly keeper should be facing table surface when inserting into magazine tube.



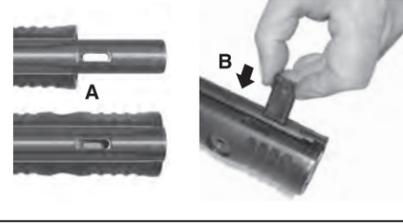
2 Install shell lifter back into receiver. Shell lifter is held in position by spring tension into corresponding holes in receiver. Squeeze ends to apply tension to ends and reinstall into receiver.



3 Reposition bolt back into shotgun receiver as shown.



4 Slide action bar and forend assembly back onto magazine tube. Align action bars with corresponding slots in receiver. (A) Align the follower assembly keeper slot with the opening in the top of the mag tube. (B) Insert the follower assembly keeper through the hole in the mag tube and into the corresponding slot in the follower assembly and forend.



5 Reposition bolt carrier on top of bolt as shown.



6 Reinstall left shell stop into corresponding slot in receiver. Hold in position during Step 7.



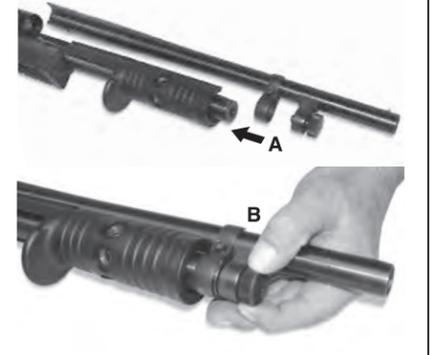
7 Install trigger group by inserting front of trigger group up into the receiver and then swing rear of group up and into the receiver. DO NOT pull trigger during install.



8 Reinstall drift pin through receiver to secure trigger group.



9 Partially open the breach by sliding the forend rearward. Reinstall barrel into receiver (A). Tighten threaded capture nut into magazine tube (B).



10 Tighten barrel clamp. **Note:** Barrel clamp should not interfere with movement of forend during firearm use.



11 Reinstall stock by aligning front of stock with rear of receiver and utilizing the correct tool re-attach the stock to the receiver. **Note:** Carefully align and position stock prior to tightening in order to avoid stripping threads in the receiver



⚠ Assembly is complete. With the safety on and the firearm unloaded verify that the functions of the firearm are operating correctly.

Refer to your Mossberg® owner's manual for instructions related to specific operation and maintenance of the firearm.

KELLY GRIP INSTALLATION

The Sidewinder Venom™ Magazine-fed Shotgun System includes an optional forend kelly grip. The grip can be utilized to speed up pumping action or improve reach for shorter statured shooters.

To install grip, screw the threaded end of the kelly grip into the desired position on the forend. Tighten the kelly grip until tight, but do not over tighten.

