

**IMPORTANT!** Check all functions of your firearm after Freedom Fighter is installed. **Test-fire your firearm.**

Back the mag catch out a turn or two. Or, the set screw is not deep enough. See Step 8 to deepen set screw.

- **Large bit did not stop** at E-clip and drilled all the way through

Use your tap to thread the hole all the way to the bottom. Use one of the set screws with a thread locking compound and secure all the way at the bottom. Spring and pin will work effectively installed over locked set screw.

- **Questions regarding installation:** Read the instruction sheet completely. Watch the installation video at [hogueinc.com/tacrifles/ar15/freedomfighter](http://hogueinc.com/tacrifles/ar15/freedomfighter) Call customer service at 1-800-438-4747

**Trouble Shooting**

- **Spring and pin do not move freely up and down after inserted into drill hole.** If the pin is catching and preventing unrestricted movement you must reinstall the jig and repeat the drilling steps to clear out burrs or ridges that are causing the problem.
- **Set screw does not screw deep enough** If you are unable to thread the set screw flush with the top of the receiver surface, the hole will require further tapping to make the threads a bit deeper.
- **Upper and lower receiver will not close together after installation** If the upper does not close completely, the mag catch may be threaded in too far.

**The Freedom Fighter Kit Part List**

The Freedom Fighter package contains many small parts necessary for installation. **Care must be taken to work on a clean, organized surface to reduce risk of losing parts.**



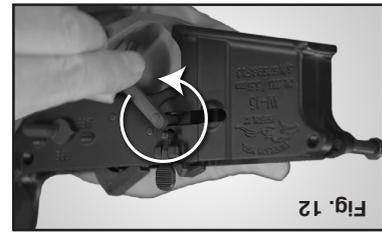
The Hogue Freedom Fighter™ provides a fixed magazine solution. The installation requires modifying the receiver by drilling a hole into the firearm. Once modified, the magazine release can only be activated when the upper receiver is swung open putting the firearm in a “disassembled” configuration.

**VIDEO INSTRUCTIONS**

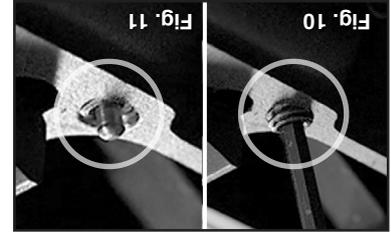
Scan this code with your mobile device to watch installation video.



or visit [Hogueinc.com/tacrifles/ar15/freedomfighter](http://Hogueinc.com/tacrifles/ar15/freedomfighter)



12. Install a standard Mil-Spec mag catch, spring and button into the receiver. Thread the parts together until the mag catch works with the Freedom Fighter pin in the raised position but not in the depressed position. If the upper receiver does not close fully you have gone too far. Go back and adjust the mag catch button as necessary (Fig. 12).



11. With spring and pin in place, insert set screw with a 5/64" allen wrench (Fig 10.) Check once again that the pin plunges and returns easily on its own before installing the mag catch button in the receiver (Fig 11.) The use of a thread locking compound on the set screw is suggested.

**Repeat Step #7 if necessary.**



**INSTALLATION INSTRUCTIONS:**  
*Modification to your firearm is required. To ensure proper operation, a qualified gunsmith is recommended.*

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Follow installation instructions carefully.  
For installation video please go to  
[hogueinc.com/articles/ar15/freedomfighter](http://hogueinc.com/articles/ar15/freedomfighter)

1. Assume the firearm is unloaded.
2. Remove upper receiver from lower receiver. Remove bullet button or existing magazine catch (Fig 1.)



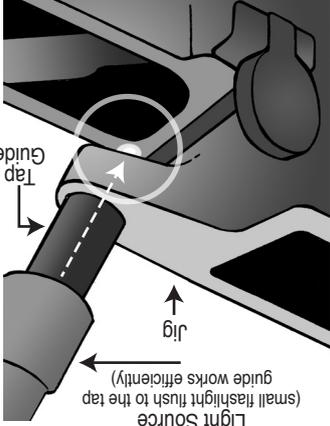
3. With forward takedown pin fully inserted (closed position), cock the hammer and place Freedom Fighter jig into the top of the receiver (Fig 2.) Securing the Freedom Fighter in a vise is not necessary but makes the drilling process easier.



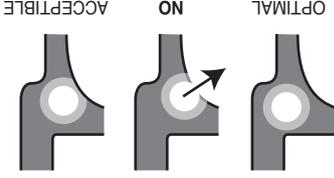
4. **IMPORTANT:** Using a clamp to secure the Freedom Fighter into the top of the upper surface of receiver (Fig. 3.) Closed pin ensures optimal operation.

It has been determined that rare occurrences of exposed set screw threads can happen during the drilling process due to inconsistent firearm tolerances. It is recommended to optically verify the hole location prior to drilling.

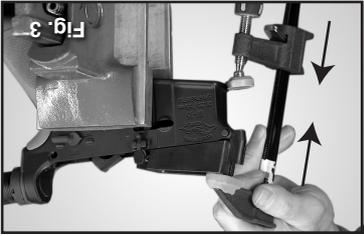
Using the plastic tap guide as a protector guide, shine a bright light flush through the tap guide onto the receiver.



A small amount of overlap is acceptable since the drill will tend to finish the hole in the right/forward direction. See diagram.



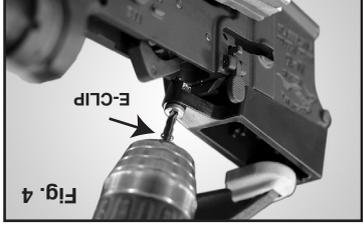
Slight set screw exposure will not affect function but excessive amount can and should be corrected by altering jig (fling and/or shimming), thereby shifting the drill jig to attain a better projected location.



5. Ensure the e-clip is installed into groove in the supplied large drill bit.



6. Install large metal bushing and drill to full depth with large drill bit (Fig. 4.) Lubricate cutting with a suitable aluminum cutting fluid such as WD-40. Remove drill, clear chips away and repeat, re-lubricating often. Proceed a little at a time and stop when the e-clip bottoms out on the metal bushing. Note: For all drilling operations, it is best to use high RPM and allow the bushing to guide the drill angle.

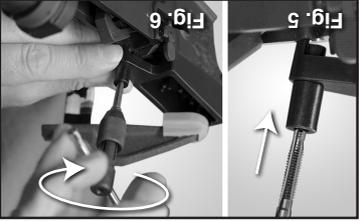


7. **IMPORTANT:** Clean all metal burrs and chips at every step during installation. With jig in place, chase hole with drill bits if necessary. Even the smallest of burrs could prevent the pin from plunging.

8. Leaving the Freedom Fighter jig in place, install the tap guide bushing (plastic) into the jig (Fig. 5.) Carefully tap the hole approximately 4 revolutions (depending on your tap) using an 8-32 tap (Fig. 6.) Use cutting fluid or WD-40 as a lubricant. Proceed a little at a time

checking depth by threading the set screw to test the fit. Tapping is complete when set screws flush with the top of the receiver surface. More is OK but not necessary. If set screw does not thread easily it may not be tapped deep enough. Tap deeper. This can easily be completed later after jig is removed.

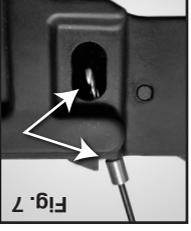
**Repeat Step #7.**



9. Remove Freedom Fighter jig and install small bushing directly into receiver (Fig. 7.) Chuck small drill with 1" - 1-1/4" exposed. Drill until you feel the bit break through. **Repeat Step #7.**



10. Place spring and pin with domed end up into hole and check fit and function (Fig. 8.) Pin should easily return on its own (Fig 9.)



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