



MANTICORE ARMS, INC.

Advanced Fighting Gear

MADE IN



HELLION ENHANCED SAFETY SYSTEM INSTALLATION INSTRUCTIONS

Warning: Always verify your rifle is unloaded prior to installing any parts!

The Hellion Enhanced Safety System is compatible with the following firearms:
Springfield Armory Hellion

The following is included in the kit:

- (1) Safety Shaft
- (2) 4-40 flathead screws
- (1) Allen wrench
- (1) Special 1/16" punch (DO NOT USE FIRST!)



You will need the following tools:

- 1/16" punch
- A small pair of pliers
- An Xacto style hobby knife
- Small flat blade screwdriver

STEP 1:

Ensure the rifle is unloaded and clear. Remove the buttplate and bolt carrier group first (the bolt carrier must be out to remove the top rail). Remove the forend and top rail from the Hellion as indicated in the Hellion instruction manual.

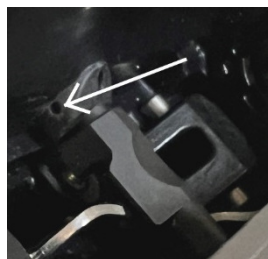
STEP 2:

Tap out the securing pin just in front of the magwell that locks the barrel release lever in place. Press on the round pad of the lever and rotate the barrel approximately 45 degrees and then pull out the front of the receiver.



STEP 3:

Make sure the safety lever is in the "fire" position and look at the inner safety shaft that connects the two levers together. The right safety shaft has a small roll pin through it horizontally on the inside of the firearm. It may be difficult to see or covered in gunk/grease, you can use the Xacto knife tip to run across the surface of the right side safety on the inside of the receiver to find it.



STEP 4:

Once you have located the pin, use a 1/16" punch to start tapping it out. The location of the pin makes it very difficult for the pin punch to fit, but it is important to use a normal 1/16" pin punch to start it (**DO NOT USE THE INCLUDED PIN PUNCH TO START IT, THAT PUNCH CAN BREAK**).

STEP 5:

Once you have the pin started as far as you can go with the normal 1/16" pin punch, switch to the included 1/16" pin punch to get the pin out as far as possible. In some instances you may be able to completely remove it, in others you will get it most the way but run out of clearance on the punch handle and it will bind a bit. If this is the case, remove the punch and use a small pair of pliers to grab the pin and pull it out the back side where it is sticking out. (**PLEASE NOTE THE INCLUDED PUNCH MAY BREAK DURING REMOVAL OF THE PIN AND IS CONSIDERED A ONE USE "CONSUMABLE" PART**)

NOTE: THE LEFT SIDE SAFETY HAS AN "L" ON THE INSIDE FACE OF THE LEVER, THE RIGHT SIDE SAFETY HAS AN "R". THE PADDLE ON THE SAFETY SHAFT FACES FORWARD.

STEP 6:

Mount the left side safety on the safety shaft with the 4-40 screw and included allen wrench. Feed the safety shaft through the left side safety hole in the receiver and up and over the trigger bar. When it is inserted far enough, press it down against the spring loaded detent on the interior right side of the receiver, just inside the right safety hole. You may find a small flat blade screwdriver helpful in depressing the detent. Once the safety shaft is all the way through, use the allen wrench to install the left side safety lever and screw.

STEP 6:

Re-install the barrel, tap the barrel latch lever securing pin back in place, and re-install the bolt carrier group, buttplate, top rail, and forend.

STEP 7:

With the rifle still unloaded, pull the charging handle to cock the hammer in the rifle, and place the selector on "Safe." Pull the trigger. The hammer should not drop. Place the selector on "Fire." Pull the trigger. The hammer should drop. If for some reason this does not function properly, please reach out to Manticore Arms!

Your Hellion Enhanced Safety System is now installed!

Visit www.youtube.com/manticorearms to view videos on the installation and use of this product!

Manticore Arms, Inc.

747 Herra Street
Unit A
Elburn, Illinois 60119

Phone: 866-331-9472
Email: Info@ManticoreArms.com
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www.ManticoreArms.com