



“Fire Starter” Firing Pin for Smith & Wesson M&P 15-22 Installation Instructions

V1.0

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Attention: Before you begin, be certain that the firearm is safe.

Remove the magazine and inspect the chamber making sure that it is empty.

Always wear eye protection.

We recommend that if you are not comfortable with disassembly of your gun that you consult a gunsmith. This is a simple job for an experienced gunsmith but it can be challenging if you are not experienced with the inner workings on the M&P 15-22.

Tools you will need:

- A large punch for the rear disassembly pin (if yours is stiff).
- A smaller punch to move the firing pin retaining pin.
- A rubber or brass mallet to help tap out the pins.



1. Start the process by driving out the rear disassembly pin with a punch, or if your disassembly pin is somewhat free, push it out by hand.



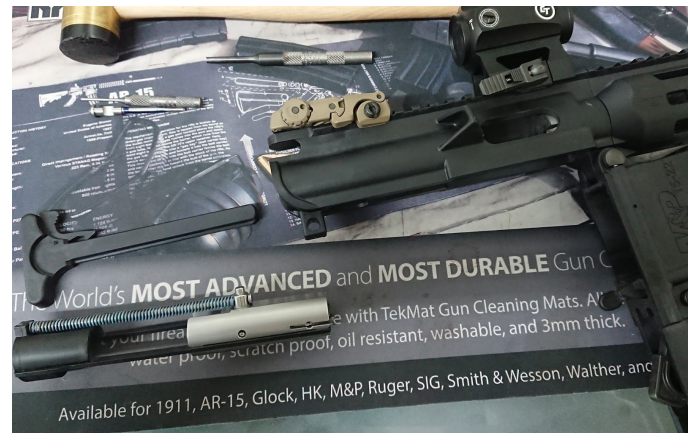
2. With the disassembly pin pushed out, open the gun by pushing down on the front handguard.



3. Remove the bolt assembly by pulling on the charging handle. This will pull the bolt assembly out the back of the upper receiver.



4. Separate the bolt assembly from the charging handle.



5. Next, take the bolt assembly, and pull back the recoil spring to remove the spring rod. The spring rod has cuts in it so that you can pull it out easily. Pull it straight up from the plastic retainer and then remove the spring rod and spring.



6. Pull the guide rods off of the bolt assembly. The pinhole for the firing pin retaining pin is now accessible from the left side of the bolt. You can begin tapping out the retaining pin with your brass/rubber mallet. When doing this, do not push the retaining pin all the way out - only push it out enough so that it will release the firing pin. Also, since the firing pin is under spring tension, put your finger behind the firing pin before pushing out the retaining pin, so that it doesn't fly across the room.



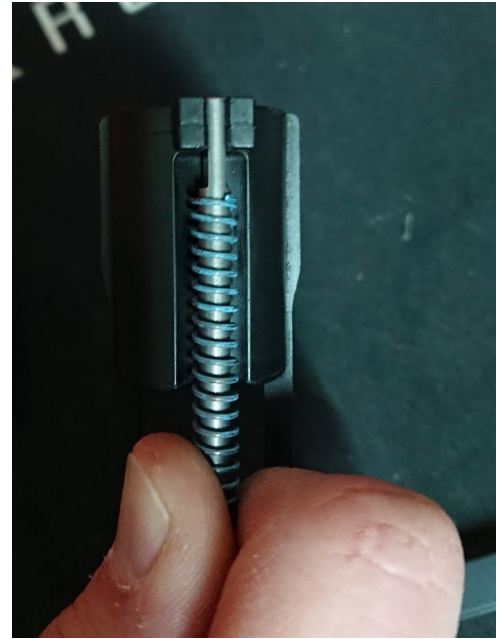
7. With the firing pin removed, remove the spring from the original firing pin, and put it onto the new firing pin. Remember that the wider part of the spring goes to the back of the firing pin, and the thinner part goes to the front.



8. Once your firing pin spring is on the new firing pin, you can begin reassembly. The first step is putting the firing pin and spring back into the bolt. The proper orientation for the firing pin and spring is with the flat part of the spring facing the bottom of the bolt. This is where the retaining pin slides through, and ensures that the firing pin doesn't fall out. Once you have the firing pin in, hold it inside of the bolt, keeping it in place, and push the retaining pin back into the bolt. Once this is done, the firing pin will be retained in the bolt.



9. Now, we can put the guide rod back onto the bolt. The correct orientation of the plastic rear section is with the notch for the spring rod facing up. Then you will place the spring rod with the spring on it back through the hole in the bolt, and compress the spring so that you can put it back into the spring rod holder.



10. Now that your bolt assembly is all back together, you can go ahead and put it back into your 15-22. Remember to put your charging handle back onto the top of the bolt assembly.



11. Make sure the bolt assembly goes all the way into your gun, and go ahead and close the gun. Then press the disassembly pin back in, and the installation is complete!

