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## Hiperfire Hipertouch 24E Trigger Review

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AR15 triggers are a dime a dozen. I have lost count of how many different triggers I have shot. Single stage, two stage, standard GI style, the list goes on. It takes a lot to get me excited about a new AR trigger.

When I first came across the [Hiperfire](#) line of triggers I was intrigued. The trigger does not look like any other trigger on the market. I sent an email to Hiperfire and promptly got a reply from Terry Bender, the owner and designer. Terry was happy to call me to explain how the trigger functions and

what distinguishes it from other AR triggers. A couple days later a brand new Hipertouch 24E showed up at our door.



The [Hipertouch 24E](#) name is short for High Performance Touch, 2-4 lb. adjustable, Elite Marksman. Quite a mouthful. I am glad they shortened it up a bit.

The first thing that catches your eye is the pair of coil springs running from the disconnecter assembly to the hammer. Hiperfire calls these “toggle springs”. The toggle springs serve two functions in the Hipertouch 24 triggers. First, in the cocked position they work against the

hammer to lessen the load on the sear surfaces. This results in a lighter trigger pull. The Hipertouch 24E comes with three sets of color coded coil springs. The silver colored springs are the heaviest of the three, but actually result in the lightest pull weight (2 lbs. 7 oz.). The blue are the lightest but will give you the heaviest pull (3 lbs. 11.5 oz.). Running the trigger with no toggle springs actually gave us the heaviest pull of all at 3 lbs. 15 oz., but still much lighter than a standard GI trigger.

The second task of the toggle springs in the Hipertouch 24 trigger is to increase the energy of the hammer fall. As the hammer falls, the toggle spring angle changes. After approximately half of the



hammer’s travel the toggle springs begin to push on the hammer. This can be felt when lowering the hammer slowly by hand. Hiperfire advertises a 35% increase in hammer fall energy over the Mil-Spec design.

This toggle spring design is truly what makes the Hipertouch 24 triggers different from other designs. Most other light-weight single-stage triggers achieve their goals by using lighter springs. This reduces the energy the

hammer can transfer to the firing pin and also reduces the feel and reset of the trigger. Some “match” triggers advertise very light pull weights, but feel “mushy” and have trouble lighting off the primers on military ammunition.

## Installation

We installed the Hipertouch 24E into a Rock River Arms AR15 lower receiver. The installation was fairly straight forward. The trigger came with all springs and two fire control group pins. You will have to supply your own safety selector. Hiperfire advertises that the Hipertouch 24 triggers may be installed without removing the safety selector, however this may be necessary in order to remove your old trigger group.

The Hipertouch 24 triggers come with full color, detailed installation instructions. It should be a very simple matter for any novice AR15 armorer to install the trigger.

Changing the toggle springs is quick and easy. It can be accomplished without punching out the fire control group pins. You simply pop the “toggle pivot” out of its cradle and slide the toggle springs off of their shafts. Install your new springs, press the pivot back on and rock the assembly back into place. With the aid of a small punch for leverage it can be accomplished in a couple seconds.



## Trigger Feel

I am a techno-geek, so the mechanics and design of the trigger interested me. However, in the end I am a shooter. The coolest trigger design in the world means nothing if it doesn't aid in placing lead on target.

Once installed, we lubed the trigger with some [M-Pro7](#) and cycled it a couple times to make sure everything was mated together. While working the trigger by hand, I could definitely feel that the hammer had a little extra “kick” towards the end of its travel.

With our new trigger installed we packed up and headed out to the range. Our 16” braked AR15 was equipped with a [Leupold VX-R Patrol 3-9x](#) scope and an [Atlas V8.1 bipod](#). This gave us the chance to

do some precision fire from the bench, but also run some rapid fire and double taps from a combat stance.

In a precision role the trigger works as advertised. The pressure required to get the trigger moving is the same pressure required for the trigger to break. This, combined with a fairly short pre-travel make it very difficult to “stage” the trigger. Once you apply the amount of pressure needed to get the trigger moving, the rifle fires. The pre-travel was very smooth. I couldn’t detect any grittiness. The trigger reset with a distinct tactile and audible “click”. If pressure is maintained on the trigger after reset, the pre-travel is shorter than on the initial trigger pull. Pull weight was consistent and any minute variance was not detectable when shooting the rifle.

After putting some rounds downrange on a precision target, we switched over to rapid fire. The short pull and reset made fast accurate shots easy. All too quickly the bolt was locking back on an empty magazine. The AR was running a SLR Rifleworks adjustable gas system and AAC Brake. This kept recoil to a minimum and allowed us to really run the trigger fast. Even with the lightest pull weight springs, the trigger reset cleanly with no tendency to double. We did not experience a single light primer strike or failure to fire.

The Hipertouch 24 trigger comes in three flavors. The base Hipertouch 24 is designed as a service rifle replacement. The Hipertouch 24E is has a reduced pre travel and faster reset. This trigger is intended for Designated Marksman or Precision work. The Hipertouch 24C is a competition version. It features a flat trigger with a removable/adjustable trigger shoe. The 24C is intended to appeal to the 3-Gun competitor.

The Hipertouch triggers are a truly innovative design that work well. If you are considering a single stage trigger for your AR15 or AR10, give them a try.

**MSRP \$215.00**

<http://www.youtube.com/watch?v=1eoZXlVyodU>