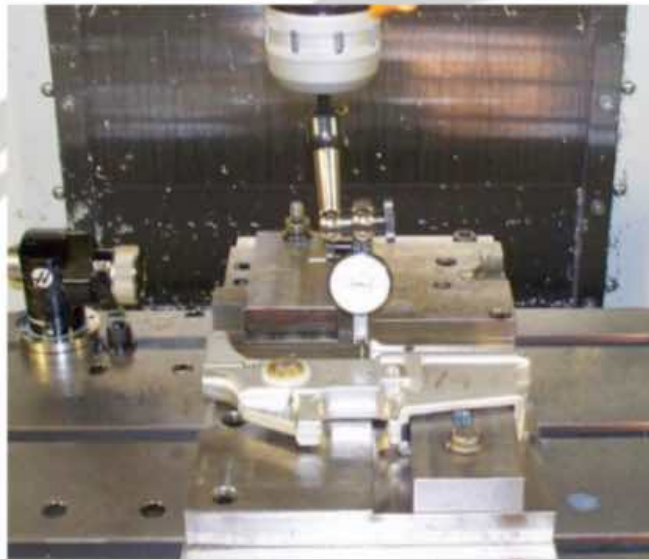


HARDCORE HARDWARE FIREARMS AFM / AM15-C LOWER RECEIVER SPECS



GRADE

AFM manufactures premium lower receivers for military weapon system production (M16/M4 select fire) and civilian market (AR15) for both semi-automatic firearms and in the stripped configuration. These are in house precision manufactured, not a vendor produced marking variance as with the majority of brands in the industry.



Each premium lower receiver is made from the finest forging available. Each forging is hand inspected and measured for any structural or cosmetic blemishes and flaws. All prep work is done by hand. They are machined on state of the art CNC milling centers by highly experienced personnel with decades of experience. They are machined and inspected **one at a time** per the Govt. drawing (+/- .005") maintaining half the drawing tolerance (+/- .0025"). We do not use multiple process part fixtures. We manufacture receivers one at a time in a 4 stage process. We inspect each part after each process before it moves on to the next.

We only use American made raw materials, on American made machines, to produce an American made product.

Each part is hand checked and inspected at every step of the way to maintain strict QA (quality assurance). Each receiver is completely finished by hand. The forging seam, all sharp edges, and safety stop lugs (the same as full auto models for quick change from safe to auto), are completely removed, thus, giving the receiver a more consistent symmetric and cosmetically appealing appearance. Safety stop half lugs are available upon customer request. Each receiver is then engraved one at a time on separate CNC engravers for correct nomenclature and character depth min .003" - max .009". Once this is achieved, they receive a light de-burring in our automated de-burring machines. Every single receiver goes through a final inspection process to ensure quality control standards and then prepped for hard coat anodize. We only use MIL-STD Type III, class II hard coat anodize per MIL-A-8625 which is .001" + / -10%. Custom engraving, both laser and mechanical, is available. All premium production grade receivers to be sold as stripped will have an "S" suffix in the serial number.



MATERIAL

Each forging is made from 7075-T6 aircraft grade aluminum alloy. Each forging must meet MIL-STD raw part tolerance requirements per the forging drawing. Each forging must meet hardness and composition guidelines per MIL-STD and a CoC (certificate of conformance) must be accompanied with every shipment of forgings as proof of independent testing to meet Govt standards.

HARDNESS

Minimum hardness to be HRB 84 (pre anodize).



FINISHING

All receivers will be de-burred and free of sharp edges and tooling marks (where applicable) before final inspection. All sharp edges, forging seam, and tooling marks are removed by hand. Great pride and care goes into every receiver. This will be apparent to the end user upon inspection of the cosmetic attributes of the receiver or weapon system.



ANODIZE

All AFM lower receivers receive a Type III, class II hard coat anodize per MIL-A-8625 .001" +/- 10 % flat black.

ADDITIONAL COATING

Cera-kote ceramic gun coatings in OD (Olive Drab), FDE (Flat Dark Earth), FG (Foliage Green) and FB (Flat Black) are available on special order and on selected models. Both air cure and heat cure coatings are available. All ceramic based coatings are applied by highly trained individuals with years of experience with spray on application coatings.

PARTS

Every part that goes into each lower receiver assembly is manufactured by either AFM or another current military contract vendor and not by an aftermarket parts house. We will not use any imported parts in our weapon systems or lower receivers, as is common in the industry. Mil contract parts come with a CoC (Certificate of Conformance) and have a far longer service life than commercially produced aftermarket or imported AR15 parts. This will ensure a very long reliable service life, and in turn, a top quality, hard use, dependable product for the end user far exceeding any commercially available product.

AFM will soon offer 2 options for fire control parts.

1. Mil-contract MiM parts used in every DoD rifle or carbine. These parts are the industry standard and are of the correct MIL-STD material and heat treat.
2. AFMCo. in house CNC machined and Wire EDM cut HD fire control parts. These parts are manufactured utilizing a specially selected high impact resistant tool steel and are the finest and most durable available today. Each part is heat treated achieving optimum hardness for a lifetime of reliable service. They are finished with either an Ion-Bond finish in Diamond black or DLC in 3 colors. They are guaranteed to last the end user for life, PERIOD, no questions asked. If they wear out, crack, chip or become deficient in any way, AFM will replace them free of charge, including any shipping charges both ways.



ION-BOND / Diamond Black



DLC / Black Nitride



DLC / Silver Nitride



DLC / TiN Titanium Nitride

LOWER RECEIVER ASSEMBLIES

AM15-C



AM15-A2



SPW-R



AM4-A1



WARRANTY

All AFM products come with a lifetime guarantee to be free from manufacturing defects for hassle free functionality. In the event that there is a problem with an AFM product, AFM will repair, replace, or issue a refund.

AFM FREE GUN SMITHING POLICY

If for ANY reason, an AFM product needs assembly, repair, reconditioning, or customizing, AFM will, labor free, conduct any of the above mentioned procedures for free. The end user has only to pay for the parts (at a reduced cost), and the shipping, whatever the cause. Even if the situation had voided the warranty. This is a no questions asked, forever policy. This will ensure 100% confidence in AFM products and services.

**For orders or questions, please contact
HARDCORE HARDWARE FIREARMS**

PH: 661-312-1244

Email: hardcorehardwarefirearms@gmail.com