

CCF RaceFrame

Enhances Glock Performance



For more information about Robar's custom pistol based on the CCF RaceFrame, contact The Robar Companies, Inc., Phone: 623-581-2648, Fax: 623-582-0059 or Email: info@robarguns.com

By Gila Hayes

Imagine a \$350 frame that mimics a gunsmith's Glock grip reduction and frame contour job, adds a beavertail, replaces the Glock frontstrap finger grooves with crisp checkering and cleans up the trigger pull, while increasing rapid-fire accuracy with superior recoil control. CCF RaceFrames offers all that in an aftermarket, replacement frame that shooters are saying does even more.

Touted by CCF as "taking perfection to the next level," RaceFrames in both stainless steel and aluminum retail for \$349. Professionals carrying a Glock on duty, along with citizens carrying a defense pistol, find the aluminum version preferable, while competitive shooters express great interest in the heavier, 21-ounce stainless-steel frame.

Jessie Abbate, who holds a score of competitive shooting titles, estimates that in practice for her Steel Challenge women's limited and open win, she shaved 3-4 seconds off her runs using the stainless-steel CCF RaceFrame with her 9mm Glock slide. While sponsorship prevents this champion's use of the replacement frame at matches, her practice experience underscores the primary reason competitive shooters consider the CCF RaceFrame – the heavy frame nearly eliminates muzzle flip.

In my own experience, the stainless CCF RaceFrame makes a 9mm Glock shoot as flat as a .22 LR pistol, while the harsher .40 S&W, never my favorite caliber, tames down considerably.

Though initially attracted by the RaceFrame's interchangeable backstraps, it was not until I taught a class using a stainless-steel version that I recognized the value of many of its subtler features. I was pleased when the RaceFrame cycled with complete reliability, provided outstanding pointability, and diminished recoil drastically. I appreciate the high-cut beavertail, beveled magazine well, rounded trigger guard, and the scallop around the magazine release makes a standard-length release work as well as an extended one. Even full magazines dropped freely from the metal frame.

When first I saw it, I commented that the RaceFrame looked like a slightly modified Glock cast in metal. Reassembly revealed slight differences from standard Glock ways, however, since the tighter frame-to-slide fit initially caught the ejector on the back of the slide, and the RaceFrame's takedown bars have to be held down during reassembly.

CCF ships the RaceFrame encased in plastic packaging that contains good instructions, a Glock-configuration grip insert and retention pin, a permanently-bonded locking block, locking block pins, takedown bar spring and a Buffer Technologies polymer buffer. The purchaser or their gunsmith must put in their choices of parts like trigger group, slide lock, magazine release and ejector. The simple, modular Glock design lets many owners do their own swap-outs, though CCF RaceFrames advises using a qualified gunsmith.

And if the RaceFrame is easy to put together, it's even easier to shoot. I was initially concerned that the checkered front strap intended to eat my fingers for lunch, but despite its aggressive, slip-free feel, the checkering is sufficiently rounded that even after extensive shooting, fingers remain unabraded. My borrowed RaceFrame contained a standard 5.5-pound connector, but the rigid metal frame cleans up the action considerably. Of course, competitive shooters will likely use the 3.5-pound connector when setting up their RaceFrame. I detected no apparent difference in trigger reset – one of the Glock action's strongest points, in my opinion.

Other shooters have called the RaceFrame an instant trigger job. The other most common reaction to the RaceFrame, and one that I'll echo, exclaims how the weight of the stainless frame buffers recoil and limits muzzle rise. Multiple target drills or falling steel plates illustrate the difference, but group sizes on a single target during an all-out speed shooting drill tell a related story.

The tighter-fitting RaceFrame also increases potential accuracy simply by locking up tighter than

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the traditionally “loose” Glock pistol, without the malfunctions common to a tight custom pistol. A RaceFrame’s locking block is just a smidgen taller than its Glock counter part. With a stock Glock slide/barrel assembly, the RaceFrame locking block can yield smaller shot groups; with an aftermarket barrel – on which slightly oversized lugs are common – it can cause malfunctions and frame or barrel lug damage if the barrel is not properly fitted by a qualified gunsmith.

When we move beyond pure marksmanship, advancing into shooting on the move or in low-light conditions, the way a pistol points contributes much to accurate hits. The RaceFrame’s interchangeable backstrap let me match the size of the gun to the hand size and shape. For me, the smaller insert – what CCF calls the 1911 grip – improved both pointing characteristics and trigger reach. Larger hands may find the increased trigger reach and Glockish grip angle preferable.

RaceFrames fit any Glock 17, 22, 24, 31, 34, 35 and 37, plus the “C” and “L” variants of these models. CCF RaceFrames recommends using the stainless frame exclusively with calibers .357 SIG or .45 GAP,

since the aluminum version hasn’t been torture tested for endurance with these less-common calibers.

Within the competitive shooting world alone, the interest in this new product is burgeoning. The aluminum RaceFrame is allowed in Enhanced Service Pistol category for IDPA matches, though the stainless version is half an ounce overweight for this class. Careful trimming in specific areas can bring the weight down to meet ESP guidelines, but Larry Gaglio of CCF RaceFrames warns owners to consult a qualified gunsmith before undertaking any modification of the frame. USPSA allows RaceFrames in Open, Limited and Limited 10 divisions, with changes pending because Robar plans to incorporate RaceFrames into complete custom pistols marketed to competitors and law enforcement.

RaceFrames adapt the already popular Glock pistol to serve the varied needs of shooters even better.

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