

# **“CRAFTSMAN VIT”**

## **BULLPUP KITS**

&  
CUSTOM STOCKS

PICTURES, PARAMETERS,  
ORDER, SHIPPING, REVIEWS ETC.

*“And remember, your kit worth every penny  
if it's come from the "Craftsman Vit team“ ...”*

*-AAS410K Customer*

## following bullpup kits are in production today

- ▣ Crosman Benjamin Marauder Gen1 & Gen2
- ▣ Hatsan AT44-10
- ▣ Hatsan BT-65
- ▣ Weihrauch HW100
- ▣ Weihrauch HW100 FSB
- ▣ Weihrauch HW100K
- ▣ Weihrauch HW100K FSB
- ▣ Air Arms S410
- ▣ Air Arms S410K
- ▣ Air Arms S510
- ▣ Air Arms S510K

## What is including the kit ?

- ▣ the wood stock is American walnut - finished with Danish Oil and laser engraved (custom logos available)
- ▣ complete trigger assembly
- ▣ optic mount with rail
- ▣ installation tool kit
- ▣ DIY conversion is very simple.

See video here: [Detailed review](#)

# Order, Packaging & Shipping

- ▣ 3-4 weeks are needed to make an order
- ▣ Average capacity is 20-25 kits per month (may be increased)
- ▣ Each kit is carefully tested before shipping
- ▣ Stock and metal work are separated in the box and packed with foam film to prevent damage
- ▣ Each kit is packed in 5-layer carton box  
(easily may be used as a retail box by the distributor)
- ▣ Estimated delivery time is 10-12 business days



# Crosman Benjamin Marauder Gen1 & Gen2

stock length - 22.44"

stock weight - 1.76 Lb plus metal work - 0.8 Lb

## **Bullpup Conversion for Benjamin Marauder**

Bullpup Conversion Kit



### **Kit comprises:**

Walnut stock  
Replacement Barrel Clamp  
Trigger Linkage  
Stock Screw

**\*Rifle Action Not Included**



# Hatsan AT44-10

stock length – 22.05”

stock weight – 1.76 Lb plus metal work – 0.8 Lb

## Bullpup Conversion for Hatsan AT44-10

Bullpup Conversion Kit



### **Kit comprises:**

Walnut stock  
Replacement Scope Rail  
Trigger Linkage  
Stock Screw

**\*Rifle Action & Scope Not Included**

# Hatsan BT-65

stock length – 22.05”

stock weight – 1.76 Lb plus metal work – 0.8 Lb

## **Bullpup Conversion for HatsanBT65**

Bullpup Conversion Kit



### **Kit comprises:**

Walnut stock  
Replacement Barrel Clamp  
Trigger Linkage  
Stock Screw

**\*Rifle Action & Scope Not Included**

# Weihrauch HW100, HW100FSB

stock length -21.46"

stock weight - 1.87 Lb plus metal work - 0.8 Lb

## Bullpup Conversion for Weihrauch HW100

Bullpup Conversion Kit



### Kit comprises:

- Walnut stock
- Replacement Barrel Clamp
- Trigger Linkage
- Stock Screw

**\*Rifle Action & Scope Not Included**



# Weihrauch HW100K, HW100K FSB

stock length – 17.52”

stock weight – 1.65 Lb plus metal work – 0.8 Lb

## Bullpup Conversion for Weihrauch HW100 Carbine

Bullpup Conversion Kit



**\*Rifle Action Not Included**

### **Kit comprises:**

- Walnut stock
- Replacement Barrel Clamp
- Trigger Linkage
- Stock Screw

# Air Arms S410

stock length - 22.44"

stock weight - 1.76Lb plus metal work - 0.75 Lb

## Bullpup Conversion for Air Arms S410 / S400

Bullpup Conversion Kit



### Kit comprises:

Walnut stock  
Replacement Barrel Clamp  
Trigger Linkage  
Stock Screw

**\*Rifle Action & Scope Not Included**

# Air Arms S410K

stock length – 18.90"

stock weight – 1.65 Lb plus metal work – 0.75 Lb

## Bullpup Conversion for Air Arms S410 / S400

Bullpup Conversion Kit



**\*Rifle Action & Scope Not Included**

### **Kit comprises:**

Walnut stock  
Replacement Barrel Clamp  
Trigger Linkage  
Stock Screw



# Air Arms S510/S510K

stock length – 22.44”

stock weight – 1.76Lb plus metal work – 0.75 Lb

## Bullpup Conversion for Air Arms S510

Bullpup Conversion Kit



**\*Rifle Action Not Included**

### **Kit comprises:**

Walnut stock  
Replacement Barrel Clamp  
Trigger Linkage  
Stock Screw

Must have option  
bullpup cheekpiece from Daystate Pulsare  
fits dovetail rails

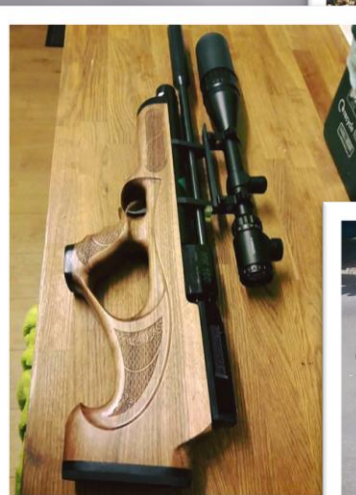
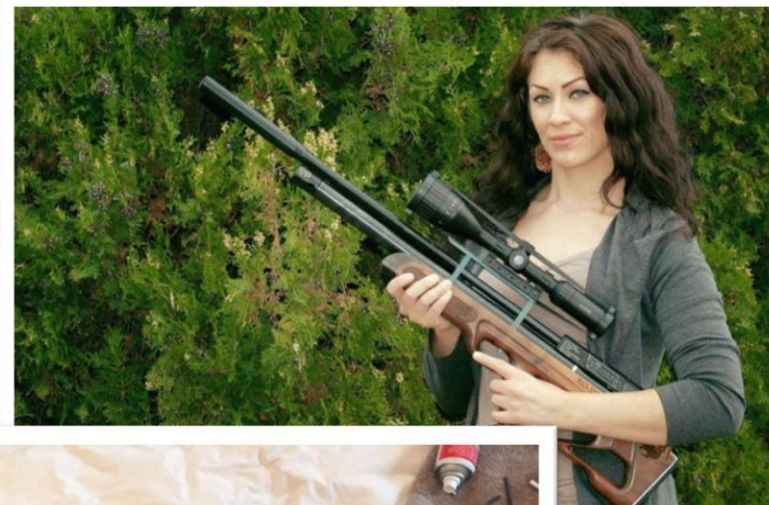
### **Bullpup Cheekpiece**

Fits gun actions with 11mm rail blocks





# Customers Pictures





# Review #1



## DIY BULLPUP!

The Editor highlights an intriguing step-by-step conversion

I witnessed a two-way conversion, recently. First, with no intervention from me, and using only hex wrenches and a spanner, a sausage-fingered, technically bereft friend of mine actually turned his HW 100 into a fully-functioning bullpup. Then, another friend, whose loathing of

the bullpup format has put him firmly in the 'doth protest too much' category, finally came out and admitted his liking for the current wave of foreshortened rifles, or this particular one at least. It was a satisfying thing to see and I almost resisted the urge to do the 'I told you so' thing,

but sadly, having any class at all has never been a strong point of mine.

### THE BAR BULLPUP CONVERSION KIT

The product at the centre of these conversions is just that, a conversion kit. It costs £320, it's



## TECH SPEC

<b>Product:</b> BAR Bullpup Conversion Kit
<b>Manufacturer:</b> Craftsman Vit
<b>Country of origin:</b> Ukraine
<b>Description:</b> Stock and fittings for converting various PCPs into bullpup format
<b>Stock type:</b> Walnut, bullpup, ambidextrous sporter
<b>Weight:</b> 4.5.8 kg (9.9.lbs) unscoped
<b>Length:</b> 787mm (31ins)
<b>Pull length:</b> 330 (13ins)
<b>Options:</b> Synthetic cheekpiece £9.95. Biathlon bolt handle £24.95.
<b>Contact:</b> BAR on 01253 627720

**RRP £320**

supplied exclusively in the UK by Blackpool Air Rifles, and it's remarkable in its simplicity and effectiveness. A clever man in the Ukraine who goes by the name of Craftsman Vit is the producer and what his company makes can be used by pretty much anyone to turn a standard rifle into a bullpup in around 10 minutes, or very near offer. No fuss, no special tools, no drilling, and no modification of a single component. The fact is, if you can remove your rifle's stock, you can do this BAR conversion. As this issue goes to press, there are conversion kits available for the Air Arms S510, Hatsan AT44-10 and BT65, Benjamin Marauder and Weihrauch HW100 and 100K. More kits are being discussed and the BAR website is the place to check for updates.

### WHAT'S IN THE KIT

I've gone for an HW100 conversion for this test and, like the other versions, the kit comprises a walnut bullpup stock which incorporates a trigger guard, a replacement barrel clamp/scope rail and stock screw, plus an extended trigger linkage. That's it; just four main components, plus a shim, a washer and a nut.

At first glance, I thought the walnut stock was tipped in rosewood at the fore end and the base of the grip but that contrast is provided by an extremely durable staining process, rather than grafting on pieces of timber. The extensive grip panels are formed around an overlapping scale pattern, with wave forms at each end, and the drop-down pistol grip carries finger grooves on its front

## THE BAR BULLPUP CONVERSION KIT

face. It's a pleasing piece of furniture. Now let's use the BAR conversion kit to turn a standard Weihrauch HW100 into a bullpup.

### STEP-BY-STEP CONVERSION

1. Begin by making sure the rifle is unloaded and uncocked. Then remove the HW100's scope and stock screw, then separate the action and stock. Also remove the rifle's charging port plug and silencer.
2. Slide the replacement barrel clamp/scope rail carefully over the rifle's barrel and air reservoir, with the trigger linkage rearmost, until the forward clamp is over the raised section of the rifle's air reservoir. Line up the forward clamp perfectly with the raised section and lightly tighten the two hex-head grub screws on the replacement clamp.
3. Take the metal shim provided and ease it into position between the rear clamp and the rifle's air reservoir, before lightly tightening the grub screws.
4. Fit the threaded trigger fixture at the end of the extended trigger linkage over the trigger blade, place the supplied washer over the threads and screw on the nut, using finger pressure only at this stage.
5. Now place the action into the stock and check that the replacement scope rail is perfectly vertical and that the trigger blade is in the correct position. When you're satisfied that all is aligned, lift the action carefully from the stock and fully tighten the grub screws and trigger fixture. Do not over-tighten these fittings.
6. Finally, fit the bullpup stock using the extended screw provided, and replace the scope, silencer and charging inlet plug. That's it – your rifle is fully converted.

### BEFORE YOU START SHOOTING

Depending on your personal dimensions and preferred stance, you may need to adjust the height of your scope. I went for an MTC Connect scope, which has virtually no eye-relief, and this required a 'reach-back' mount, but I've tried standard scope in medium and high mounts and they fit me perfectly. The whole point of going for a bullpup is the change in ergonomics, balance and pointability, so don't compromise everything by having your head out of position. Take your time and get everything feeling comfortable, strain-free and natural, OK? This is absolutely essential to get the most from any rifle, and that certainly includes a bullpup.

### A COUPLE OF ESSENTIAL EXTRAS

BAR supply two optional extras for their bullpup conversion kits, and one of these is not an option at all, it's essential. If you're going to invest in a kit, then stump up the extra £9.95 and get the synthetic cheekpiece. »



**1. The BAR Conversion Kit and a standard HW100. The transformation in handling is huge.**



**2. Standard stock off and the kit is ready for conversion.**



**3. Sliding the metal shim into position between the air reservoir and the rear barrel support.**



**4. Drop the washer over the threaded trigger fixture and secure with the nut.**



**5. When everything's perfectly aligned, fit the BAR bullpup stock.**



**6. Finally, use the extended stock bolt provided to bring the action and woodwork together.**

This simple add-on – or rather slide-on – component transforms the connection between the stock and the face. It utilises the HW110's existing scope mounting rails and is secured by a pair of grub screws. Get one – I promise you'll be glad you did.

The second extra is that blathion cocking handle. These are 3D printed for BAR, they cost £24.95, and they're worth every penny, mainly because the vertical handle 'finds' your fingers as your hand is swept back to re-cock the rifle. Again, it's a simple grub-screw fitting that takes seconds and earns its keep for years.

## TALKING TRIGGER FUNCTION

Electronic mechanisms apart, bullpup trigger systems have always been a major challenge, due to their 'remote' nature, where the trigger blade has to activate the trigger proper via a link. If the link isn't well designed and perfectly articulated there's a real possibility that the trigger feel can lapse into anything from 'notchy', through 'spongy', all the way to flat-out 'harsh'. Any variation on these themes is a disaster as far as optimum accuracy is concerned, so I always pay special attention to the trigger

performance of any bullpup that comes within my orbit.

## TRIGGER PERFORMANCE

Truth to tell, when I saw the extended linkage used in the BAR conversion kit, I had my doubts. I was wrong. The boys at BAR know what shooters want and they test everything to their own exacting standards, so I shouldn't have been surprised when the HW100 bullpup's trigger displayed all of the two-stage precision of the standard rifle, and I'm talking no loss in sensitivity, feel or control of any kind. I could detect a tiny degree of resonance from the extended linkage on firing, but even that was sorted by a micro-dab of grease at the union of the replacement trigger and the extended link. Of course, the HW100 trigger retains all of its adjustment options, post-conversion, so if you need to tweak it, drop the bullpup stock and the mechanism is there for you.

## ON THE RANGE

Unusually for a rifle test, the rifle itself is not on trial here. We all know what a Weihrauch HW100 can do in terms of accuracy and consistency, so all attention must be diverted to the new handling dynamic of the BAR bullpup.

Well, it's a bullpup, and a proper one, too. It doesn't handle like something that has been converted; it comes to the shoulder like a rifle designed at the factory to perform like this.

The point of balance is just behind the trigger and with an all-up weight of 9.9lbs and an overall length of 31 inches including silencer, it's simplicity itself to bring to the aim and to keep it there for the few seconds required to make effective use of that excellent trigger.

The geometry of most bullpups makes them feel lighter in the shoulder than they do in the hands, and this one makes a nonsense of the best part of 10lbs. The bonus of this is the shooter gets the on-aim stability from a 9-plus pound rifle, without paying a fatigue penalty. As I say, the addition of the blathion cocking handle is a triumph and I'd urge all HW100 owners, bullpup-converted or not, to fit one.

## VERDICT

Basically, if you're a bullpup kind of shooter, you'll be seriously impressed with this rifle. You'll appreciate its stability, its compact size and how easy it is to convert; plus it's a good-looking rifle, and that counts more than most of us will admit. I'd also appreciate an adjustable butt pad and if that BAR 3D printer has any spare capacity, I think it should be allocated in that direction, but as far as the pure 'mechanics' of handling and shooting go, this conversion is a full-on winner.

Only you can decide if converting to the bullpup faith is worth 320 of your hard-earned pounds, but if you already have a suitable action, it's way cheaper than buying a top-performing bullpup from new. I've done the conversion and I've tested the result, and it's obvious to me why Blackpool Air Rifles can't keep up with the demand for these conversion kits. If you're thinking of jumping on the bullpup bandwagon, give the boys at BAR a call – and they'll convert you. ■

**A must-have option. The slide-on cheek piece insulates you from the cool metal action.**



**Once fitted, the optional cheek piece transforms the bullpup's face contact.**



# HIT OR MYTH?

The editor's follow-up test on the B.A.R. bullpup kit morphs into an examination of the whole bullpup deal

## Review #2

Normally, the follow-up test is my chance to assess how an airgun performs during the month following my initial test. It's the nearest practical means of seeing how something will handle extended use, varied weather conditions and more extensive testing. That was the whole point of introducing the follow-up test, but my experience has shown that mostly, little changes on the 'mechanical' front and the most significant alterations come through handling and ergonomics, specifically with regard to the available adjustments offered by the rifle.

We are looking at a better format at the moment, with a view to revisiting rifles after a longer period of time. Ideally, we'd like input from our readers on this subject and that can happen, too, but for this month I'm going to broaden the brief and examine the whole bullpup deal. As a vocal admirer of bullpups, I need to ask myself if my liking of these rifles is properly grounded in their efficiency and advantage, or if it's a product of novelty, even change for change's sake.

### IDEAL CANDIDATE

The B.A.R. bullpup conversion kit is the ideal candidate for this inquisition, because the Weihrauch HW100 action it carries has absolutely nothing to prove in terms of accuracy, reliability and overall performance, so that leaves its transformation into a bullpup as the test model's main feature. Let's see what this offers for its £320 asking price, and the 15 minutes or so it takes to convert a standard rifle into a bullpup.

Also, one of my go-to rifles these days is the HW110, which allows me to compare it fairly directly to the converted HW100. Remember, I'm looking for real-world benefit from the bullpup format, rather than forensic comparison between the standard model and its B.A.R. conversion.

### ON-AIM STABILITY

There's not a doubt in my mind that, in certain situations, my bullpups come to the point of aim more 'directly' than my standard rifles. I'm equally certain that, if I were shooting rats or feral pigeon at close range, where faster target acquisition is a definite advantage, then I'd perform better with a bullpup. Add the need to



Do bullpups offer worthwhile advantages? Only one way to find out.

shoot in confined spaces, such as barns, outbuildings, from vehicles and hides, and the bullpup is significantly ahead, for me at least.

Yet, airgun shooting is all about precision placement of a single pellet, and that means pinpoint accuracy. It's no good getting generally 'on target', if the final, pre-shot refinement of the aim isn't smooth and efficient. Olympic target shooters don't use

bullpups, they use rifles that assist this final refinement. These rifles are far heavier than our sporters, too, so the comparison isn't a direct one.

### CAN A BULLPUP DO IT?

The real question, here, is, 'can a bullpup format provide sufficient stability to produce the accuracy required in the hunting field?' and my »





I rely totally on precision shooting and there's no way that would be sacrificed for speed of handling.

answer to that is a simple 'yes'. I'll qualify that by confirming that bullpups work for me, but that doesn't mean they'll do so for everyone. A further qualification must be, if using a bullpup for convenience or speed of handling meant a reduction in downrange accuracy, I wouldn't use one for hunting. Accuracy and that all-important pellet placement that comes from it is the one unbreakable requirement of anyone who calls himself a hunter. No compromise is available, ever.

#### HOW BULLPUPS WORK FOR ME

Here's how it works in the real world, and has done since I first tested a bullpup a couple of decades ago.

First, I stand slightly more side-on to address the target, and once the bullpup is in my shoulder, I use the remaining three seconds or so of my ideal five-second routine to refine my aim. Nothing new there, then, but that refinement definitely begins slightly earlier in the sequence with a bullpup compared to a standard rifle. This makes me feel I have more time, plus the felt weight of the bullpup is less, which, for me is an advantage these days. Again, I need to stress that this is my own way of shooting and that others may not experience this as I do.

Every shooter that tried the B.A.R. conversion was seriously impressed by its trigger set-up.



#### HOW THEY CAN WORK FOR YOU

Bullpups work for me mainly because I've learned how to set them up to my best advantage, and I can't stress too strongly the need to do this. Of course this applies to any rifle, but the unique geometry of the bullpup, especially its requirement for perfect head/eye alignment, demands another no-compromise approach. Use riser blocks, different-height mounts, cheekpiece padding, whatever it takes, but get that alignment perfect. When the rifle is mounted, your eye must fall naturally behind the scope, with no 'finding' of the eyepiece at all. If you have to 'search' to align your eye with the scope, make the necessary adjustments to your hardware, rather than accepting compromise.

#### WINNING CHANGES

Getting back to the B.A.R. kit for a moment, if I had to make a change to the supplied product, it would be to fit an adjustable butt pad. That's it; nothing else needs doing. I wouldn't go for anything complex, or with a butt hook attached, just a simple pad with the ability to shift around to assist that all-important gun fit. You're looking for something that enhances fit and precision, without reducing the bullpup's fast, easy handling.

Bullpups aren't built for benches, but their accuracy can't be questioned, either.



When correct fit and alignment is achieved, you can explore the bullpup benefits, but not before.



The standard sporting hold is familiar but in many situations a bullpup can offer improvement.

#### VERDICT

Well, the first thing I can confirm is that this subject needs further exploration, and more input from other bullpup enthusiasts, and detractors. We need to know far more about why, and how, these compact rifles work for their fans and don't for their critics. I'll be getting on with that as soon as I can, but for now I'll conclude this feature with my take on bullpups.

These guns can work extremely well for us, provided we don't mess up their potential. Bullpups aren't some magical fix for bad technique and we need to work with their characteristics, rather than expecting them to do the work for us. When the requirements are met, though, I'm convinced that a good bullpup is a fine addition to any hunter's armoury, and this B.A.R. conversion kit really can open the door to something special. ■

#### TECH SPEC

<b>Product:</b> BAR Bullpup Conversion Kit
<b>Manufacturer:</b> Daystate
<b>Country of origin:</b> Ukraine
<b>Price:</b> £320
<b>Description:</b> Stock and fittings for converting various PCs into bullpup format
<b>Stock type:</b> Walnut, bullpup, ambidextrous sporter
<b>Weight:</b> 4.5.8 kg (10.1lbs) unscoped
<b>Length:</b> 787mm (31ins)
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<b>Contact:</b> BAR on 01253 627720

**RRP £320**

# Why Choose Us ?

- quality without compromise
- lifetime service
- competitive price
- unique product “you buy one product and get two – bullpup and standard rifle”
- more than 15 years of experience in airgun community
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- hundreds of satisfied customers and positive feedbacks on the US, UK and European forums

# DIY BULLPUP!

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