

# Atomic Zombie™ Extreme Machines

Build it yourself bikes, recumbents, trikes, tandems, choppers and more.



Lots of help &  
advice in the  
Builders Forum!



AZTV



AZ newsletters

Bike builders edition

December 5, 2011



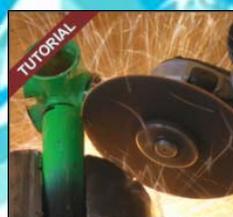
BICYCLE BEARING BASICS



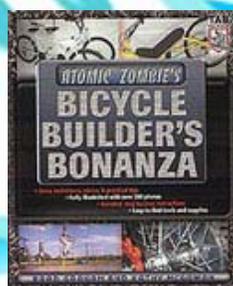
HEAD TUBE BEARINGS



BICYCLE AUTOPSY



DIAMOND FRAME CHOP 1



Built in Hungary

"Hello!

This year's project was the making of a hand bike planned by me similar to the Viking tandem.

I am glad that more people are building recumbent bikes for themselves, and that we may share it with the others in the world with the help of this site (AtomicZombie.com).

Together we can make miracles happen. With greetings, Gábor Pihokker from Hungary."

"Dear Sir/Madam,

Please find the attached pictures. This bike was made due to almost sold as trash. Total cost is around \$70 US (seat \$20, frame from pipe \$10, front wheel \$10, steering \$15, paint, installation, chain \$15) and a used bike.

And the time to build was around 2 months, since I only have time on Saturday and Sunday. Made in West Jakarta, Indonesia.

Thanks and Regards, Gregorius Teguh Liem."



Indonesia



# Atomic Zombie™ Extreme Machines

Build it yourself bikes, recumbents, trikes, tandems, choppers and more.



Lots of help & advice in the Builders Forum!



AZTV



AZ newsletters

Bike builders edition

December 5, 2011



HEAD TUBE BEARINGS



BASIC FISHMOUTH CUTTING



WELDING BASICS



BASIC FISHMOUTH CUTTING



Keith's main ride



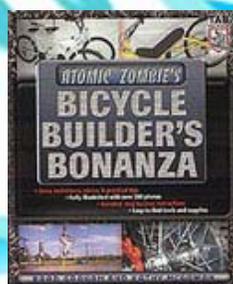
Stolen

"The the two-seater was stolen. The (other) trike is what I ride now. Used two children's bike frames and an adult bike. Simple to make and the parts can be replaced with regular bicycle parts.

The steering isn't quite right though and that is the only drawback. Sincerely, Keith Guthmiller"



*The Stealth*  
Paul Hodgson, Australia



Tell the world!

Proud to be a BIKE FREAK

www.atomiczombie.com

www.cafepress.ca/atomic\_zombie

# Atomic Zombie™ Extreme Machines

Build it yourself bikes, recumbents, trikes, tandems, choppers and more.



Lots of help & advice in the Builders Forum!



AZTV



AZ newsletters

Bike builders edition

December 5, 2011



BICYCLE BEARING BASICS



HEAD TUBE BEARINGS



WELDING BASICS



DIAMOND FRAME CHOP 1



Recumbent chopper

"It's a chopper, recumbent, tandem, cruiser, comfort all in one.

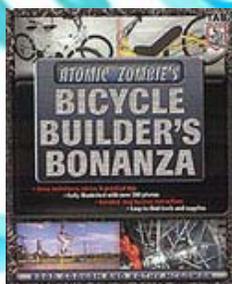
Best regards, Recliner Ron."



"This is the first bike I've ever built, but more are in the works! Vaughn."



Vaughn's Handmade Pennyfarthing



Holiday Special!  
**6 Plans for only \$29.95!**

# Atomic Zombie™ Extreme Machines

Build it yourself bikes, recumbents, trikes, tandems, choppers and more.



Lots of help & advice in the Builders Forum!



AZTV



AZ newsletters

Bike builders edition

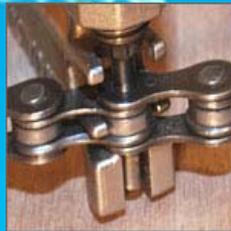
December 5, 2011



WORKING IN THE FIELD



HEAD TUBE BEARINGS



BIKE CHAIN BASICS



DIAMOND FRAME CHOP 1



"For instance, the bicycle is the most efficient machine ever created: Converting calories into gas, a bicycle gets the equivalent of three thousand miles per gallon." -Bill Strickland, *The Quotable Cyclist*

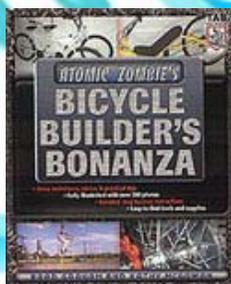


"This bike model is called a Fosscati FG4 Tincogan Thumper. It is a Felt Heritage frame. Regards, Giacomo Fosscati  
Ocean Shores, NSW Australia"



Victor Hugo Hernandez Garcia

Spread the word!  
Advertise with us.  
Contact KoolKat.



YOU ARE AWESOME!  
WE APPRECIATE YOUR SUPPORT.

Thank you!



# Atomic Zombie™ Extreme Machines

Build it yourself bikes, recumbents, trikes, tandems, choppers and more.



Lots of help &  
advice in the  
Builders Forum!



AZTV



AZ newsletters

Bike builders edition

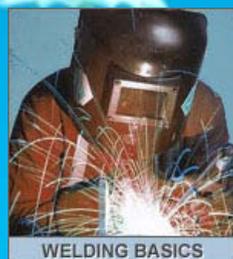
December 5, 2011



DODGING THE RAIN



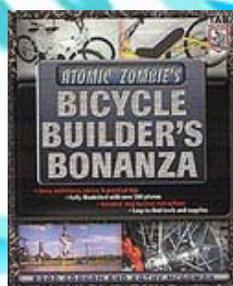
DIAMOND FRAME CHOP 1



WELDING BASICS



WORKING IN THE FIELD



## Zombie feedback

Comment on AZTV:

"Brilliant tutorial. I've already salvaged a pile of old bikes and will be building? something soon. AZTV rules. I'm glad that I'm not the only one who thinks old bikes deserve a better fate than the scrap yard. Keep spreading the word! (viewer from England)."

Comment on video: Episode 2, Part 1 - Dodging The Rain

Is this how your full time operation process is for all of your bikes? Welding,? the camper, and the out buildings? Great job by the way on ALL your work! ~ onecrazywheel

Comment on video: Episode 2, Part 1 - Dodging The Rain

"Dude love the vids. Love all the bike? parts in buckets and metal storage building. We gotta get you a shop with everything in one building." ~ drewme1010

## Zombie feedback

"Hey there Krew!

What a great website you have here. Just love it!

I am a physical therapist and am starting a cycling program at a residential traumatic brain injury facility I work at. Unfortunately the company cannot afford \$1K to \$3K for tadpole or four wheel cycles for multiple residents.

Since I was a mechanic before I was a therapist, I will easily be able to build from your plans. I am so excited about getting going on this project.

Thanks for the GREAT resources!!

Thanks

Mike

## WANTED

Pictures of your homebuilt bike!

Send us a picture of your completed handmade bike: [gallery@atomiczombie.com](mailto:gallery@atomiczombie.com)  
**Please — Send one picture per bike, no larger than 2MB in size, .jpg format is best.**

\*\*\* Don't forget to include your name and the country where you live. \*\*\*

The gallery is updated every week. Looking forward to seeing your bike creations!

~ KoolKat and RadicalBrad

AtomicZombie.com

# Atomic Zombie™ Extreme Machines

Build it yourself bikes, recumbents, trikes, tandems, choppers and more.



Lots of help & advice in the Builders Forum!



AZTV



AZ newsletters

Bike builders edition

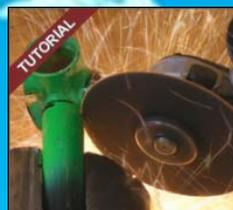
December 5, 2011



BICYCLE BEARING BASICS



HEAD TUBE BEARINGS



DIAMOND FRAME CHOP 1



WORKING IN THE FIELD



DELTAWOLF SPEED TRIKE

Human powered trikes come in two varieties - two wheels at the back (delta), and two wheels up front (tadpole). The general opinion is that tadpole trikes are made for speed and comfort while delta trikes are great for load carrying, pulling trailers, and sending granny off to



Built by Geoff Sager, UK

Noah's mini Delta Wolf

the shopping mall. But, not anymore! The radical DeltaWolf breaks all the rules that have held delta trikes back for so many years. This trike is ultra low, very laid back, designed for

comfort and speed, and has full-sized 26 inch rear wheels thanks to unique, yet easy-to-make rear hub axles.

More at [AtomicZombie.com](http://AtomicZombie.com).

## Zombie feedback

"Hey thanks alot!

I just found your website and think it's great of you guys to get this type of hobby going in Canada and around the world.

I've built boats, go carts and helped with an ultra light plane and this is right up my alley!

Cheers and keep up the good work.

Patrick, Ottawa, Ontario"

## Zombie feedback

"OMG! You guys ROCK!!!! These are awesome plans! I will definitely send a picture when I'm done with the first one: Kyoto! Am going to enclose it completely into a velomobile-bike-car and put motor assist on...it's gonna be stylin'!

Thanks for having the determination to build this whole endeavor. You are enabling people to make their own cycles, and enjoy them! This is worth a billion bucks to me.

Much gratitude,

Lisa Boutry, Kamloops, BC"

