

Yet More Handy Tricks: Volume 5

by [TimAnderson](#) on January 14, 2008

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Author: **PRO** TimAnderson [author's website](#)

Tim Anderson is the author of the "Heirloom Technology" column in Make Magazine. He is co-founder of www.zcorp.com, manufacturers of "3D Printer" output devices. His detailed drawings of traditional Pacific Island sailing canoes are at <http://www.mit.edu/people/robot>.

Tim's philosophy involves building minimum-consumption personal infrastructure from recycled scavenged materials. Redirecting the waste stream. Doing much with little. A reverse peace-corps to learn from poor people all over the world.

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Intro: Yet More Handy Tricks: Volume 5

40 Yet more handy tricks!

To see even more handy tricks, check out the rest of the saga at http://www.instructables.com/id/Handy_Tricks_8_Island_Handy_Tricks/ and [Fifty Handy Tricks](#).

and [40 More Handy Tricks](#)

and [Australian Handy Tricks](#)

and [Guatemalan Handy Tricks](#)

and [Yet More Handy Tricks](#)

and [Handy Tricks Six!](#)

and [Handy Tricks 7: Bike Mods and Projects](#)

For a bunch of things that didn't work, check out [How Not To](#).

First Handy Trick: Duct Tape vs. Fiberglass Rash

"Amazon Leg Woman X" was carving magnum waves on her badly weathered surf-vivor-board.

With no wetsuit of course because she only needs what she can carry in her teeth.

While straddling Mr. Terrible Fiberglass outside the break and waiting for the tastiest curls, she worked a whole nettle's worth of tiny fiberglass needles into her skin. 9 hours later she noticed she was in extreme pain from thigh rashes.

She whipped out a roll of duct tape from behind one of her molars and used it to remove the fibers.

She employed the "lint gesture hula", "rub the sticky side in the cardinal directions", and "leave it attached til tomorrow and pull the hair off too" methods.



step 1: California Jack Stands

Mose and I went in search of some wheels for a trailer at Bert and Johnnie's junkyard in San Leandro Ca.

I wondered why it was so hard to find the size we needed. Then I noticed the clever "California Jackstands" holding up most of the cars. A car comes with five rims if it's got a spare, and by the time they're done stripping the car they've employed 8 rims to prop it up.

Other than that it's a really good design, very solid and a wide base for soft ground.

The top rim is tack welded to the bottom rim at the four points where they touch.



step 2: Lug Spacing Gauge

The junkyard had this keyring full of handy gauges for checking whether a wheel would fit a car.

If they both have the same number of holes and the spacing is right for the same pegs to span two holes, it's the same bolt pattern.

Pretty nifty, and a big timesaver in a wheel hunt.

Mose demonstrates with the wheel we were hoping to match.



step 3: Shopping Cart Engine Dolly

This was the sort of well organized junkyard you find in places where land isn't cheap. They weren't even draining the fluids onto the ground to make future oilwells.

They had a friendly mastiff puppy there. The dog was playful but whenever it came around work stopped. The guys backed up and stared at it with their arms pulled back and got into dog-management mode. That made me nervous. What was this dog capable of? I took my eyes off it while walking and it moved and I accidentally kicked it. For a half-second I was scared to death that my question would be answered, but it didn't care.

Here's a nifty engine dolly made from a shopping cart.

Most of the carts in the engine shed were either custom built or chopped off the bottom of a computer rack cabinet.



step 4: Super Custom Bandsaw Made from Chop Saw

After some oil this gorgeous machine spun right up and the blade wasn't even too bad.

It used to be a hinged cutoff saw but someone stood it up and put a little table on it to use as a vertical bandsaw.

Due to the large belt reduction it moves nice and slow and is plenty powerful to cut metal.



step 5: Shopping Cart Tool Stand

After a bit I started noticing the brilliant features of this little saw.

For instance the stand is made from a shopping cart. The wheels are positioned just right so they don't touch the ground unless you tilt it back to move it. So it's very solid and secure, and easy to move.

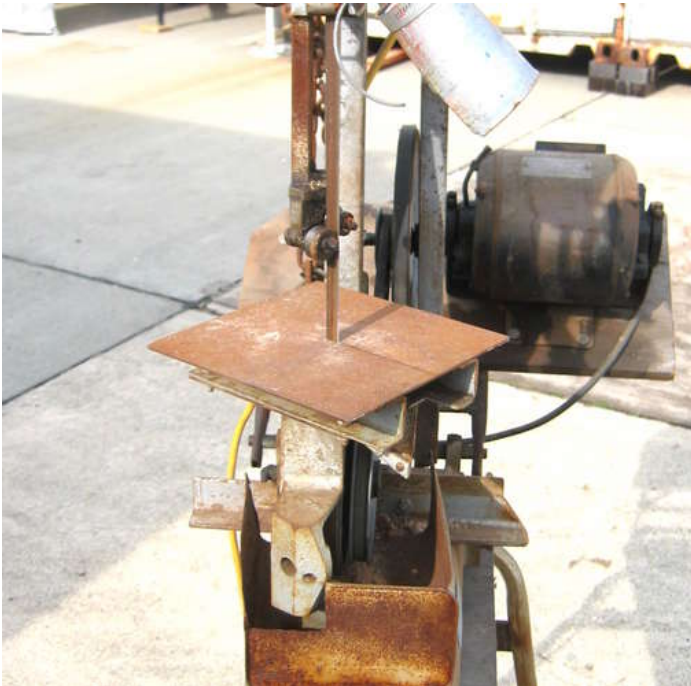


step 6: Angled Blade

It took one of my co-workers a long time to explain why this is so brilliant.

Finally I understood. Ordinarily a bandsaw blade is sideways and if you try to crosscut a long piece it hits the frame of the saw. A jigsaw has the blade fore-and-aft and you can't rip anything that's long.

With the blade at an angle (theta Z) like this, you can rip or crosscut materials of any length.



step 7: Bandsaw Toothbrush

This toothbrush cleans the side of the blade that rides on the wheels. Otherwise crap can build up on it and cause a crooked cut, tire wear, etc.

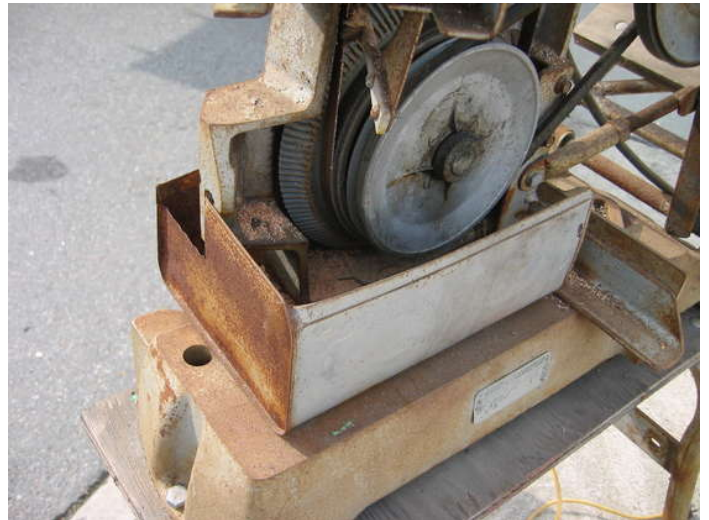


step 8: "Can-do" Lampshade and Chip Catcher

This lampshade is made from the side of a can. The hose clamp is just loose enough to twist the shade around to any angle, so your work is illuminated but you don't get glare in your eyes.

The chip catcher pan is cut from a can of paint thinner or other rectangular can. It also serves as a rudimentary belt guard. I bet there were other improvised belt guards on this machine at one time.

At the moment it's not a safe place for hippy hair or hands to wander around.



step 9: Close Quarters Hacksaw

A co-worker of mine wrapped tape around this hacksaw blade to use it in some confined space. Usually I'd wrap the other end to use it as a pull saw. I'd use masking tape cuz the feel of this vinyl electrician's tape creeps me out.





step 10: Easy Chair Theater

Here's the most comfortable movie theater in the world!

It's Central Cinema in Alameda California. The chairs are all easy chairs, couches, and recliners. They've even got a few regular movie seats in case someone actually likes those. The building is an old church with beautiful ship-rib rafters.

We saw the Coen brothers' new film "No Country for Old Men". It's a great movie for people who like violence and plot twists of the "but where's his gun now?" variety.

Their mother Rena Coen taught Art History at SCSU in St.Cloud MN and is a friend of my Dad's. She had a mild stroke early in life and on side of her face sags a bit and is paralyzed. Her wit is unaffected. Once at lunch I asked her "What's in the box in the movie "Barton Fink""? She said "They wouldn't tell me. I thought it was the girl's head." I said "I thought it was a big ball of duct tape".

I have her book "In the Mainstream The Art of Alexis Jean Fournier" right here. According to the bookmark my dad bought it for me from Sauk River Books, a used bookstore run by Jerry Hansen, local poet, out of his barn. While I'm at it I'll haul out Hansen's book "Blessed are the Peacemakers", a book of good poetry about his Vietnam warhell.



step 11: Inversion Mixing

I learned this trick in a cafe in Gaza many years ago.

I'd ordered an "orange squash" which is a product found in the British Commonwealth. It's flavored syrup "cordial" you add to water to make a juice-like drink. The waiter opened a bottle of water and poured a bit out to make room. He then added the heavy syrup. It settled straight to the bottom. So far so good.

I expected him to then shake it vigorously, check it, and then repeat like I did at home. Instead he capped it, turned it upside down a few times, and set it on the table.

I was young and I said something about "It can't possibly be mixed". But it was.

I've since heard of actual research that shows this method is the most effective known. The spherical bubbles create much turbulence as they rise through the liquid.



step 12: Pallet Bed in Pipe

This is in a gully across the street from a high school in Austin Texas. Someone put these two pallets in a storm drain. They're high enough to stay out of the water even in a moderate rain. It's a great place for kids to smooch, smoke embalming fluid, and give each other tattoos during school.

I saw reflections back in the pipe when I took these pictures. Apparently it's a great place to hide bicycles stolen from fellow students also.





step 13: Yard Sign for Peace

There are lots of signs like this in front of houses in Austin Texas. They're made of the same plastic material as other campaign and roadside advertising signs. It's a good way to let people know that some Texans favor peace. It'll get you in less trouble than wheatpasting, graffiti, or chaining yourself to a roadblock, and the message is easy to understand.

<http://www.thirdcoastactivist.org/>
<http://mds-austin.pbwiki.com/>
lists where in Austin to get them for a "suggested donation" of \$3 each.

I thought I'd make my own signs just like this. I used www.dafonts.com (thanks Saul!) to find the same font. Looks like Santana Black Condensed. Then I used Gimp to lay it out. Now I'm shopping for a sign printer. More news to come.





step 14: "Monkey on my Back" Baby Leash

Heather and Hayden are in the Phoenix airport waiting for their flight.

Hayden's wearing a harness and leash. The harness has a built-in backpack that looks like a monkey riding on his back. The leash is the monkey's tail.

"He's a runner.", says Heather.

I have vague recollections of my mom taking me out on a leash. I thought it was great. I could do whatever I wanted, and didn't have to constantly respond to some adult telling me what to do. Plus I could run around and pull on the leash, or try to swing on it, etc.





step 15: Red Curb Demon

Someone spilled some paint while painting red curbs in The Mission district, San Francisco. Someone came along later and turned it into "The Red Curb Demon".

A red curb means "no parking, stopping, or anything".

A cop once pulled me over into one of these red curb area which was also a bus stop. He wrote me a \$270 ticket for being there, even though he picked the spot.

From the California Driver's Manual

Parking At Colored Curbs

Painted colored curbs have the following special parking rules:

White: Stop only long enough to pick up or drop off passengers or mail.

Green: Park for a limited time. Look for a sign next to the green zone or for the time painted on the curb.

Yellow: Stop no longer than the time posted to load or unload passengers or freight. Drivers of noncommercial vehicles are usually required to stay with the vehicle.

Red: No stopping, standing, or parking. (Buses may stop at a red zone marked for buses.)

Blue: Parking is permitted only for a disabled person who displays a placard or disabled person or disabled veteran license plates. Disabled people with a placard or special plates may park in special areas for unlimited periods of time, regardless of time restrictions. No one else may park there. Qualified persons may apply at any DMV office for a parking placard or special plates.

An identification card will be issued to holders of disabled person or disabled veteran license plates.



step 16: Identify Different Types of Plastic

for purposes of welding plastic. The large pieces they deal with are usually not marked with recycling codes.
from: <http://www.malcom.com/downloads/techtips/tips.pdf>

PLASTICS RECOGNITION

So that you can recognize which plastic you are dealing with, the following simple test is recommended:

1. A short test weld with the available welding rod. If the welding rod or tape is fixed firmly, the problem is solved.
2. Take a small sliver or shaving of the material to be welded and light it with a match, observe the flame and smell the smoke.
On PVC blackish smoke and acrid smell
On Polyethylene no smoke, the material drips like a candle and also smells of wax
On Polypropylene no smoke, the material drips like a candle and smells of burnt oil
On Polyamide no smoke, pulls to form thread, smells of burn horn
On Polycarbonate yellowish sooty smoke. Sweetish smell
On ABS blackish smoke, soot flakes, sweetish smell

The welding rod and tape has the following colors: Welding temperature in $^{\circ}\text{C}$

Hard PVC rod grey and red 300°C
Soft PVC rod transparent $400-500^{\circ}\text{C}$
Soft PVC tape grey $400-500^{\circ}\text{C}$
Hard Polyethylene rod black and white 300°C
Hard Polyethylene tape white 300°C
Soft polyethylene rod black 270°C
Soft Polyethylene tape transparent 270°C
Polypropylene rod grey 300°C
Polypropylene tape natural 300°C
Polyamide rod black 400°C
Polycarbonate rod transparent 350°C
Xenoy tape grey 350°C
ABS rod white 350°C
ABS tape white 350°C

Because containers, pipes and foils are available in many different colors, it is not possible to judge from the color of an Article from which thermoplastic it is made. Since however 50% of goods are made of types of polyethylene this eases your recognition problem.

If contrary to expectations you have problems when welding, contact the service center at the address



step 17: Bumper Chair

Martin Kelly is a crossing guard in Alameda, CA.

He welded up this nifty chair that plugs into the trailer hitch socket on his truck.

Now he can keep the kids safe while they cross the street and take a load off his feet at the same time.

The chair has a "lazy susan" bearing on the bottom so he can swivel around to see what traffic is coming.



step 18: Chew a Hole in Your Computer

My Toshiba Satellite M35X - S161 laptop has a weak power connector.

They all do. The solder joints crack and then your battery doesn't charge and the computer stops working. I disassembled the computer and re-soldered it but it didn't stay fixed. So I took a pair of side-cutters (wire cutting nippers) and carefully cut the case away all around the connector.

Then I reflowed the solder on the connector pins with a soldering iron. I put a piece of tape over the hole so as to not short anything out.

This laptop has another weird lockup mode, where it beeps three times and doesn't boot up. The screen is blank. To fix that you remove the battery and memory simms and then plug them back in again.

The two problems get confused due to some similar symptoms, so I was always wiggling the power connector to see if that was the problem, which made the connector problem worse.

Before long I was re-soldering it every day. Fortunately for the hole I'd chewed around it, that was easy. Eventually I unsoldered the connector completely and ran a couple of wires from the circuitboard connector pads to the connector, and wrapped everything with tape.

That finally solved the problem.

By coincidence, the memory startup problem quit happening at the same time.

These dead Toshiba laptops would be cheap to buy and most likely these are the two problems they'd have. Enjoy!



step 19: Instant Stand

Got a stick you want to stand vertically?

Like a "don't park here" sign?

Here's how they make them in SF from some scrap plywood nailed to a 2x4.





step 20: Move Furniture With a Skateboard

These gents in the SF Mission district were just given a neon sign.

Fortunately they were also given a skateboard, which enabled them to move it many blocks.

As I caught up to them they were discussing the inevitable wrath of their girlfriends for bringing it into the house, and how to deal with it.



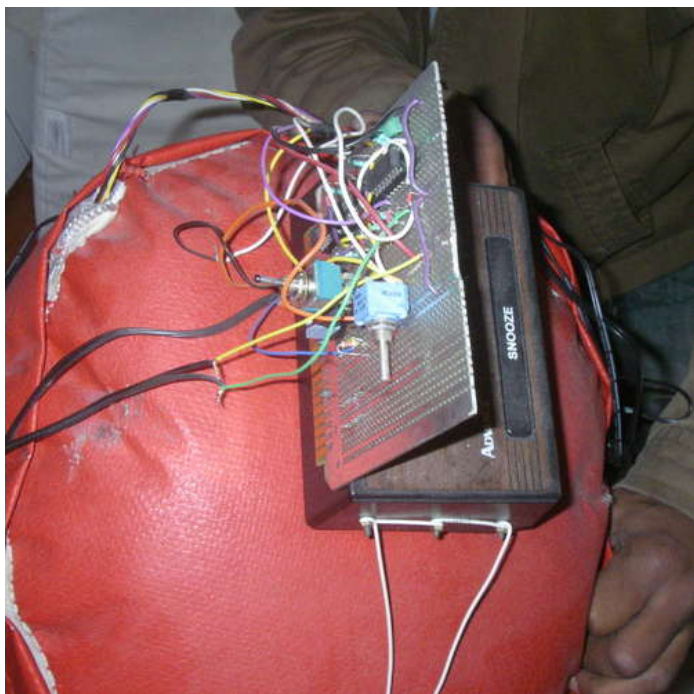
step 21: Victor Brar's Punching Bag Alarm Clock

Vbrar made this great prototype of a punching bag alarm clock.

To turn it off he has to beat up on the punching bag. He put accelerometers into the bag to control the off switch. The accelerometers measure to see if he was giving it enough of a beating to shut off the alarm.

He also sewed this big head-shaped padded helmet to wear in Critical Mass rides.

Vbrar Pester him to make detailed instructables about these projects!



step 22: Hay Bale Swimming Pool

Seen on Atlantic Avenue, Alameda CA.

There are probably stakes driven down through the bales into the ground to keep the water pressure from pushing the bales outward.

There are large staples holding the plastic on around the edge and sandbags holding it down inside and around the edge.





step 23: Sewing While Filling New Bobbin

Pete Lynne's sewing machine has two feed spools on it. That way when his bobbin runs out of thread, he can take a loaded bobbin off the bobbin winder and put the empty one on it.

Then he **KEEPS SEWING!**

The bobbin winder spins while the machine sews and automatically shuts off when the bobbin is full.

I've sewed for decades including commercial sewing, and I never learned this trick.

I always loaded bobbins ahead of time, bought pre-loaded bobbins, or stopped and loaded them at the time. All those methods take unnecessary time. I want that time back!

btw that's the best sewing machine any of us have ever used, a "Unicorn" from Korea. It's incredible.



step 24: Bleach Your Shoes

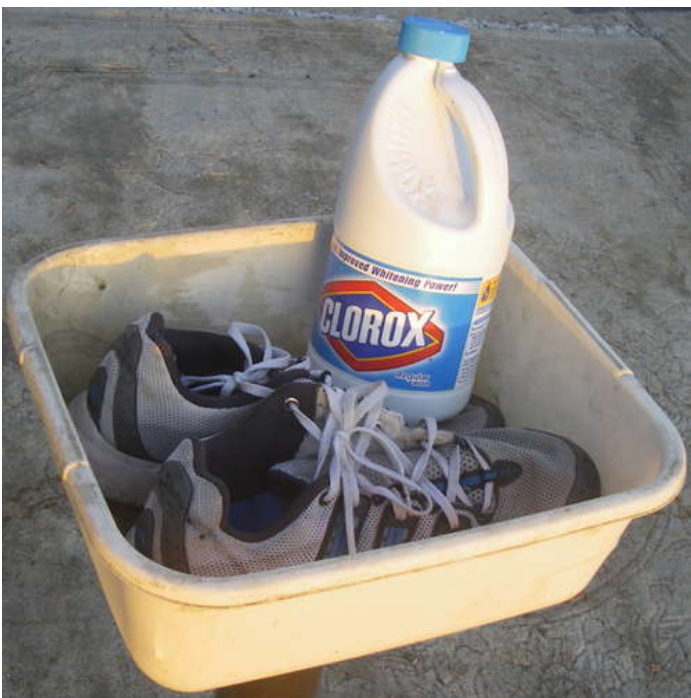
Chris Barnhart told me about this trick.

Got a favorite pair that isn't your favorite smell? Soak them in bleach water and hang them out to dry. No more bad smell!

When you get a new pair of used shoes, you might want to bleach them also.

I once got a case of plantar warts on my feet that took a year or more to get rid of.

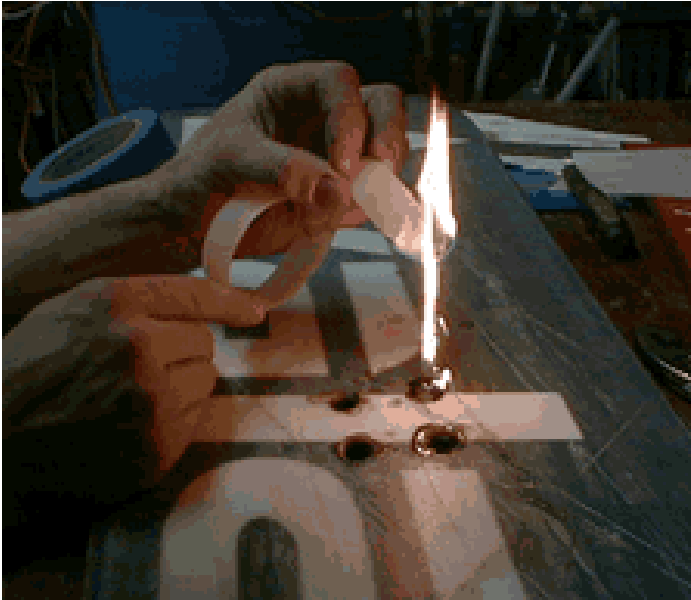
I could have gotten them from used shoes, going barefoot in a public shower, etc. etc.



step 25: Repair P-Tex snowboard or ski bases

Next time you see a ski with the p-tex bottom coming off it, pull it the rest of the way off and use it to repair your good ones. P-tex is a porous polyethylene that absorbs wax and has very low friction with snow. You can buy "candles" made from this stuff for base repair, but the scrap stuff works too.

So I lit a strip of scrap p-tex on fire and dripped it into the holes until they were full. Then I filed and sanded it flat. Then I waxed it. Then I went snowboarding.



step 26: Christmas Tyrannosaurus Dragon

At Jack's auto parts, Oakland CA.

This toy dragon costume fits perfectly onto a robot tyrannosaurus toy.

When you throw the switch it monsters around playing christmas music and operating the mask's jaw and eyes with its little arms.

Near it on the counter is a "Don't touch this" Buddha. One cannot touch the Buddha, for the Buddha has attained nirvana and is free from all attachments. Those who abstain from nirvana due to compassion for those who are not yet enlightened are termed Bodhisattvas. Perhaps the staff of this fine parts store are such persons. And their loud little dog too.





step 27: Texas Table

Human taxidermy texas-theme table spotted at the giant antique fleamarket held the first sunday of the month on the Alameda Point runway, California.



step 28: Futon Frame Truck Rack Platform

Spotted at the same immense antique fleamarket.

A futon lattice frame attached to the lumber rack on this classic ford courier pickup truck.

It creates a mezzanine level for additional cargo, or for sorting the cargo carried in the main box.

It's tied on with bicycle innertubes of course.



step 29: Monster Wagon

Have to cross a swamp on the way to the fleamarket?

No problem with this home-customized monster-truck style wagon. The high-flotation tires will keep it from sinking into the muck.

Notice the washed out first picture? My pentax optio w30 has trouble shooting toward the sun. Any suggestions?



step 30: Wheelchair Doghouse

Nicole Parsons added a cargo net behind her legs on her wheelchair. Her dog decided it was his house and likes it a lot.

Nicole is a great dentist, so if you're near South San Francisco, have her fix your teeth.



step 31: Folding Conveyor

This stock conveyor expands instantly to unload trucks quickly when they show up with new crates of counterfeit crocs and countless commodities.

Spotted at Walgreen's drugstore on Telegraph Ave., Berkeley CA.



step 32: Sharpen Knife on Soapy Water Stone

To keep your water stone from clogging, put a little dish soap on it along with the water. You'll feel the difference.

I went to the courthouse to turn in my certificate of completion from traffic school. (didn't fully stop at a flashing red)

I had this knife in my pocket in a sheath from Kenya.

The cop at the metal detector asked "why do you have this?". I said "I build stuff, I use it all day long".

He said I should keep it in my backpack. In my pocket it's a concealed weapon, a "dirk or dagger", and a felony. A folding knife with the same blade length was no problem.

He said "a visible handgun in your waistband would only be a misdemeanor."

Me: "you're saying this knife in my pocket is worse than a gun in my hand?"

He: "I'm just telling you what the law is. It doesn't always make sense to me either".

well, don't take legal advice from cops, and don't walk into the courthouse with a gun in your hand. even if the law is on your side.



step 33: Straighten a Pipe with Dumpster Ears

I got a deal (free) on this pipe cuz it got bent in a storm.

Here's how I straightened it using a dumpster.

Put a cardboard pad at the stress point if you're worried about kinking it.





step 34: Instant Shoulder Bag and Personal Biodiesel Station

Joe rode his motorcycle to the hardware store and bought more than he thought he would. So in great anguish he accepted two shopping bags and tied them together like this to make a shoulder bag.

He'll conscientiously return the bags to a bag-only recycling bin in order to keep them out of the north pacific gyre

He's standing in front of our personal biodiesel station. All we had to do is call Golden Gate Biofuels and ask them to drop it off. There's a digital meter on this 250 gallon cube. We write down what we use on the clipboard and pay accordingly. No more going to gas stations for us! It's made from waste cooking oil, so we don't have to feel bad about hurting the world or causing wars anymore. If everyone started doing it there wouldn't be enough waste oil to go around. I hope that happens. Then we'll switch to something even cleaner!



step 35: Lashed Rudder Hinge

Blaze of Glory has a very durable lashed rudder hinge. It's done kind of like one of those Mexican snake toys.

I have no idea where or if this type of hinge is traditional, but it's definitely strong and secure.



step 36: Protein Style Burger

Are you on the Caveman diet? the Zone diet? Atkins?

Ask for a double-double burger "protein style" at In-And-Out Burger. It's not on the menu. and this is what you'll get. A hamburger with lettuce instead of buns. Heaven!

In this photo Mic munches while swapping tales of sewer exploration with Mose.



step 37: Car Antenna From Stainless Steel Cable

This one won't break. Made from a chunk of stainless steel stay cable from a boat. It seems to have just the right amount of flex to stand up right. I bet the new cars will have these next year. Spotted in West Oakland.



step 38: Instant Roll-Up Doors

Steel channels welded onto the side of this container act as tracks for the doors, which are nothing more than pieces of corrugated roofing tin. Very cheap and Effective. The door is held in the up position by a C-clamp. Spotted at a biodiesel refinery in West Oakland.



step 39: Instant Shopvac Filter

The filter for this shopvac blew away in a gale. I made a new one by tying a piece of a t-shirt over the intake with a strip of bicycle innertube. For extra good filtration use fleece material or more layers.



step 40: Tilted Bike Rack

Someone had the bright idea to put a bend in this bike rack. It'll hold more bikes and is a lot easier to put your bike in. I've used the vertical kind that looks like this and they're kind of awkward.

Looks like maybe this one was improved by accident, by someone running into it with a car.



Related Instructables



Aerodynamic bike helmet! by aerospatial



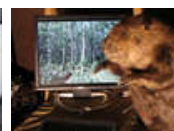
How to Fiberglass: Fixing a Cracked Kiteboard by noahw



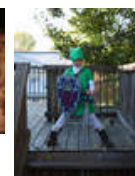
Handy Tricks Six by TimAnderson



Fix a Very Broken Surf Board by TimAnderson



Compubeaver --> How to case mod a beaver - in 29 easy steps! by Kasey



Make Your Own Link Costume! by jordan.pollard



How Not To by TimAnderson




Keep USB cables handy but out of the way by Vaguely Artistic


Comments

50 comments [Add Comment](#)


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 **Mr. Pug** says: Jul 10, 2009. 9:28 PM [REPLY](#)
That cinema is closing down, and CHILD LEASHES ARE SICK AND TWISTED!


 **sypher** says: Nov 14, 2009. 1:53 AM [REPLY](#)
Training wheels must also be as equally cruel? I thought my parents just wanted me to survive leaning how to ride a bike. WOW I must have been blind all these years, I guess helmets are also a tools of child abuse...


 **Mr. Brownie** says: Jul 11, 2009. 5:38 PM [REPLY](#)
They do help a bit with children that enjoy exploring everything, and they enjoy it more if the leash looks like an animal and is also a sack


 **Mr. Pug** says: Jul 11, 2009. 9:12 PM
(removed by author or community request)

 **him9292** says: Jul 30, 2009. 10:44 AM [REPLY](#)
I used to run and hide.
Yep, I was a runner.
Now, they sell child leashes that strap to your back and look like cute animals. When I was little, it was the ugly blue webbing. Now, the whole holding on to a rope or using the ones that tied to the wrist, well, that all did not work. I let go of the rope and figured out how to unclip the wrist one.


 **ninja of darkness** says: Jul 18, 2009. 7:23 PM [REPLY](#)
when/if you ever have a kid that (like i used to) loves to bolt and hide from their parents (clothing stores were my favorite)at every opportunity and you can deal with it without getting stressed/worried/angry THEN you can complain, and before you say anything about bad parenting i was brought up fine i was just curious and thought it was fun


 **Asuraku** says: Nov 5, 2009. 5:01 PM [REPLY](#)
I'm from california and have been to all edges of my homestate, and have never seen these anywhere. It's usually cinder blocks or actual jacks.


 **monoshock** says: Oct 28, 2009. 2:55 PM [REPLY](#)
I saw one like that that had a crapper seat insted, to use when your out in the boonies.

 **monoshock** says: Oct 28, 2009. 2:50 PM [REPLY](#)
Those bums have all the perks.

 **superhubbardman** says: Sep 26, 2009. 7:13 AM [REPLY](#)
This seems to be kind of obvious

 **northie** says: Sep 26, 2009. 6:35 AM [REPLY](#)
Maybe you could "hire" someone to always sit there. They could be your backing up alarm when you get to close to something.

 **Coffee bean** says: Sep 24, 2009. 3:46 PM [REPLY](#)
He really misused dirk or dagger term. He may have even know that and thats why he didn't try to arrest. But some people are discriminate to fixed blades.

 **static** says: Aug 30, 2009. 3:02 AM [REPLY](#)
Personally I feel the "leash" thing ought to be looked as a parental choice matter, none of us know a thing about that family. In the event it's used simply as a check cord, where they only force is that applied by the child, there is no physical abuse. Certainly the child will notice that other children may not be similarly restricted. The only way the child, would be emotional tramatized if others don't mind their own business.



edugeek says:
Photographer's back to the sun makes for better photos.

Sep 2, 2008. 9:02 AM [REPLY](#)



static says:
Then again the opportunity of the moment may not allow for that. So you snap away and, hope for the best. The good news with today's digital image capabilities one now may have a chance to rescue a bad shot. Anyway the photo of topic did clearly show the subject.

Aug 30, 2009. 2:59 AM [REPLY](#)



cbrown222 says:
for some reason that looks deathly

May 17, 2008. 4:32 AM [REPLY](#)



DiamondBack says:
Not at all. It's a horizontal bandsaw converted to a vertical bandsaw. What's the problem? I do that with the bandsaw at work all the time.
I like the shopping cart-converted-portable stand! I need to go round up more of those. The one I have is going to be a utility cart

Jun 10, 2009. 9:07 PM [REPLY](#)



static says:
I believe the metal band saw in my shop was actually designed to be able to switch from the cut off mode to vertical operation. There is nothing home brew looking about the small table, a locking mechanism. That or the person who modified it was damn good.

Aug 30, 2009. 2:28 AM [REPLY](#)



skinnyboy says:
That would have been great! If you're ever in Salt Lake City, check out Brewvies (sp?). The name is a contraction of Brew (like beer) and Movies if that helps. They are as they sound, a brew-pub movie theatre which serves food and drink in the films! Comfy couch type seating at the back, and decent seating in the rest, with counters/tables sticking off the back of the row in front of you for your beverages and food.

Aug 26, 2009. 10:03 AM [REPLY](#)



thewetturd says:
Yes, it's true that it is better to have the photographer's back to the sun but sometimes adjusting the iso will help also the camera's setting for sunny conditions etc.

Aug 21, 2009. 4:39 PM [REPLY](#)

Nice wagon by the way.



batgerl says:
kinda creepy, but a fun use of old shoes and pants

Aug 20, 2009. 1:50 PM [REPLY](#)



rberry813 says:
That's a pretty good idea. I used to work at an animal hospital and knew of a few clients that could benefit from this. By the way, that's a good looking dog you've got there. :-)

Aug 20, 2009. 12:15 PM [REPLY](#)



NormMonkey says:
The haze comes from inner surface reflections.
Imagine looking down an open-ended Pringles can. You're not looking directly at the sun, but you can see light from the sun reflected off the inside of the can. The inner surfaces of a camera lens assembly should be matte black, but nothing perfectly absorbs all light.

Aug 14, 2009. 11:44 AM [REPLY](#)

Solution: get the sun farther away from your field of view, and use a lens hood. Since this is a Tim Anderson instructable, fold and tape a black piece of paper into a cylinder to make your lens hood.



ripstikfan says:
stupid cops..

Aug 11, 2009. 6:25 PM [REPLY](#)



fireman115 says:
lol wish i had one in my backyard

Aug 11, 2009. 9:00 AM [REPLY](#)



ronmaggi says:
it looks like one of the setups Paul Stamets of Fungi Perfecti did to convert spilled oil into mushroom food.

Aug 6, 2009. 11:53 PM [REPLY](#)



ronmaggi says:

Aug 6, 2009. 11:20 PM [REPLY](#)

I saw Charlie and the Chocolate factory there. The Mortuary feel of the place creeped me out though. My wife and I usually went into Emeryville to watch movies, not that it didn't have it's own creepy "there are still dead native American bodies under the mall" thing!



mccllelland1469 says:

Jul 30, 2009. 12:58 PM [REPLY](#)

Another idea that works well for this is to take a small piece of speaker wire and solder one end to the back of the power connector, and the other to the opposite side of the board. Makes for a weird shock absorber, a little cheap but it definitely works if your like me and really hard on your toys.



Salsa766 says:

Jul 27, 2009. 3:52 PM [REPLY](#)

what a bike



captain_graviton says:

Jul 23, 2009. 5:44 AM [REPLY](#)

Top tip from an ex ski-tech:

Get a steel scraper, about the size of a credit card, light your polymer filler and hold the steel closely beneath the flame until the flame burns cleaner. This will mean the flame will be blue because you are cutting off some of the oxygen from underneath and reducing the amount of black soot created when that flame is large and yellow.

Now the molten polymer will be more like a clear resin. Slowly and carefully lower your flame to the base of your ski or snowboard and then remove the steel so the base is now cutting off oxygen from below and the flame is hot and blue. Now when you fill your scrapes your repair will be stronger and less brittle as it was when the polymer was mixed with soot. Finish the repair as described before.

Enjoy the slopes.



racer_x124 says:

Jul 22, 2009. 10:33 AM [REPLY](#)

Via flickr, monster wagon:

http://farm4.static.flickr.com/3146/2423954430_1cafe0932e.jpg?v=0



Karroo Oakey says:

Jul 11, 2009. 10:07 PM [REPLY](#)

ENOUGH WITH THE LEASH BEING CRUEL..... OK..

I don't know about putting one on a kid older than 2, I certainly never did. From toddler till 2 it doesn't matter how well behaved they are they get distracted and suddenly charge off into the most appalling danger without looking left or right. The term cruel is entirely relative. Putting a leash on a toddler who has no connotation to it is a zero sum. Putting a kid in hospital even for minor stitches because you just couldn't sprint 6.5 feet fast enough IS cruel. Especially if preventable.

I have learnt that the intense 'heart pain' of regret consisting of "if only I had.." truly does last a lifetime, and it is very heavy.



Mr.Pug says:

Jul 19, 2009. 3:10 PM [REPLY](#)

Thats not my fault!Try restrain your kid another way, like a rope and if he/she holds on to it, it will ger a reward,not pets leashes.



Karroo Oakey says:

Jul 20, 2009. 11:37 AM [REPLY](#)

You are absolutely correct, Mr Pug - My experiences are not your fault and never will be. I do know that in less than a heart beat ones life can change dramatically in ways that one never would have been able to imagine. I guess all I'm trying to say in a really long winded fashion is that I think that anything is preferable to that. Anything.

I do like your idea about the reward though.



Mr.Pug says:

Jul 20, 2009. 3:30 PM [REPLY](#)

i see what what you mean now, sorry



Karroo Oakey says:

Jul 21, 2009. 10:04 PM [REPLY](#)

No Mr Pug - no need to be sorry, what a boring boring place this world would be if we all agreed with each other regardless. After giving this subject a lot of thought I realize that this subject is actually not about children, dog leashes or discipline but about how one perceives the word Cruel. Obviously we differ, would both be amazed at what a Mafia Don considers *not* to be cruel and all 3 of us would probably be astounded at what a crowded market place/Suicide bomber considers the definition of cruelty. Either way you made me think, which is seriously cool. Thanx



Mr.Pug says:

Jul 18, 2009. 7:44 PM [REPLY](#)

I it is still cruel,



Karroo Oakey says:

Jul 19, 2009. 11:36 AM [REPLY](#)

As I said before the term cruel is entirely relative. The Apaches for example never smacked a child considering it cruel, yet they considered inventively torturing a stranger to death an interesting bit of entertainment.

I take it that you have never held/restrained a toddler on your lap while he/she is screaming in pain while they repeatedly try to put the needle in because they cannot find the vein for the drip (because of fluid loss).

Now that's cruel.

6 Months later they barely have a memory of the incident and you are still racked by the trauma of the whole situation.

I tell you what - Let's wait until you've suffered a devastating loss that's left you walking around with the sensation that someone's punched right through your rib cage and then ripped out your hart - let the sensation simmer on the slow burn of guilt for about 10 years (don't believe the people who say it'll ease with time : it doesn't) and then we'll discuss the relative cruelties of a 4 foot safety strap.



sypher says:

Nov 7, 2009. 4:41 PM [REPLY](#)

The leash is no different than forcing a child to wear the proper attire before going out in the cold. It is just another form of buffering a being from the harshness of the world until they can understand the concept that fire burns and sharp things cut. NOT to mention the social impact of have a bunch of toddlers running freely through a supermarket. Teaching a person that it is social unacceptable to run wild from the earliest age possible makes a major difference. So cruel? not really, letting a child run freely through any environment with our regard to their or others safety is not only cruel but child abuse. Self restraint is taught by the parents at a young age as it should be, or by the legal system later at great expense. The saying, "you should put a leash on your child" I think is brilliant, it works for pets. I also thought that particular leash was cute, make the little rascal carry his or hers own diapers and munchies in the backpack/leash thingy, the whole world wins, class dismissed.



Karroo Oakey says:

Nov 7, 2009. 7:24 PM [REPLY](#)

Well said!



wizard744 says:

Jul 7, 2009. 7:55 PM [REPLY](#)

weird this kinda looks like a nazi symbol



vikingbrute says:

Jun 24, 2009. 1:26 AM [REPLY](#)

I learned elsewhere on the net a trick for stinky shoes/sandals. Throw them into a large ziploc bag and put them in the freezer overnight. I tried this with a pair of spongy soled leather sandals that began to stink so bad I couldn't wear them in public. I tried this trick on them and they were almost like new. Something about the extreme cold kills the bacteria that cause the odor.



xina15 says:

Jul 7, 2009. 4:11 AM [REPLY](#)

just read your post - THANK GOODNESS - my daughters soccer boots are driving me insane !!! I make her put them in the boot until we get to the game 'cos they stink out the car within 5 minutes I shall shove them in the freezer ASAP - many thanks.



DezzyLee99 says:

Jun 23, 2009. 12:12 PM [REPLY](#)

#26 is actually a Chinese Lion Costume, not a dragon, common mistake though. =)



eric m says:

May 10, 2009. 11:00 PM [REPLY](#)

Polyamide is NYLON.



pfred2 says:

Jun 11, 2009. 6:33 PM [REPLY](#)

Nylon is a DuPont trade name.



=SMART= says:

Jun 11, 2009. 3:40 AM [REPLY](#)

Fantastic, Read every single one, very cool
Made me laugh about that knife being worse than the handgun part :P



DiamondBack says:

Jun 10, 2009. 9:34 PM [REPLY](#)

an overhead door, without it being overhead ... nice!



DiamondBack says:

Jun 10, 2009. 9:09 PM [REPLY](#)

heh, posted about the stand on the bandsaw post, before I saw this one. still an excellent idea



geeklord says:
Gotta get my family to do #22, thats awesome!

Jun 9, 2009. 9:13 PM [REPLY](#)

[view all 113 comments](#)