

## Bicycle Survival Kit !

by [=SMART=](#) on May 6, 2008

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## intro: Bicycle Survival Kit !

This is a bike survival kit that I think every cyclist should own and take with them when they bike. The Bike survival kit contains a selection of survival items that will help you survive any situation..

Essential numbers card:

If you are lost or hurt and need some help and don't have a mobile available you can refer to your number card (if you are really good at remembering numbers you don't need this)

Small coins and a note:

The small coins can be used in a pay-phone if a mobile is unavailable, the larger note can be used to buy water/ snacks/ taxi home or anything else you need

Mini first aid kit:

The kit contains some plasters and some tissue, if you have one you should also include an antiseptic wipe, this kit can be used to patch up any cuts or grazes you may encounter.

Puncture repair kit:

Probably the most important part of the kit. The puncture kit contains a small section of sandpaper , a Rubber adhesive solution , q-tips and various sized inner tube patches.

Key holder:

This key holder can be cut to accommodate any type of key and any size, you could use it to store a house key/ bike lock key/ shed key / locker key.... any key basically , you can also store multiple keys.

I have taken an abnormal amount of photos for this instructable so if you get lost just look at the pics :D

Enjoy!



### Image Notes

1. i think it came out quite nicely!

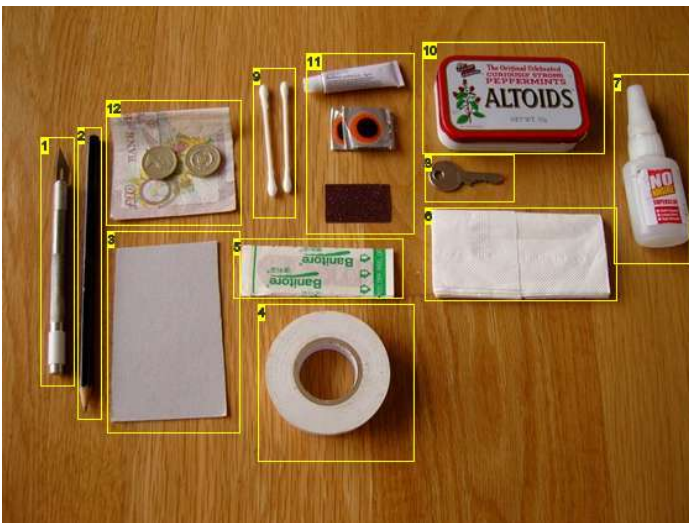


## step 1: What you will need

Below is a picture of the materials and items i used, i also used some things not in the picture so i have made a list.

- 1 Altoids tin (minus the contents :D)
- Puncture Repair Kit
- Rubber solution
- Small section of fine sandpaper
- Inner tube Patches
- 1 Q-tip
- 1 Small tissue
- 3 Paper clips
- Section of card which is larger than tin
- Some foam board
- Pencil + Sharpie
- Money
- 2 Coins
- 1 Note
- 3 Plasters
- Antiseptic wipe (optional)
- Adhesive (either super glue or a glue gun)
- 1 Key
- Tiny piece of Blue tack
- X-acto knife / Sissors

Its not actually as much as it seems :D



### Image Notes

- 1. E-xacto knife
- 2. Pencil
- 3. Piece of card which is larger than base of the tin
- 4. White Tape (can be any colour)
- 5. Three bandages
- 6. Small Tissue
- 7. Superglue
- 8. A key , can be any key you want
- 9. Q-Tips
- 10. The Almighty's ALTOIDS TIN!!
- 11. Puncture Repair Kit
- 12. Money

## step 2: Essential Numbers Card

In the unfortunate situation of your mobile running out of battery or credit you may be forced to use a pay phone booth, if you cant access the contacts on your phone will you be able to remember the essential numbers?

### Steps

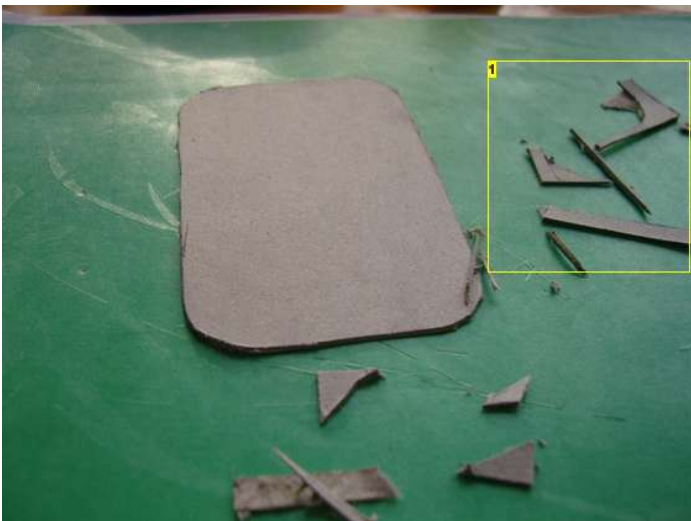
- 1 - First take your card and cut it into a rough rectangle which is slightly bigger than the Altoids tin
- 2 - Place the tin on the card and using a pencil lightly trace round the base of the tin
- 3 - Then using scissors or a craft knife cut along the outline and remove any excess card
- 4 - You may need to trim the edges of your card to make it fit into the tin lid
- 5 - Once your card fits the lid you can use glue to stick it down, super glue or a glue gun work well.
- 6 - Now the card is in place open your contacts list and write down the most important numbers which you would call in an emergency. (not 911 / 999 because if you cant remember that you shouldn't be on a bike at all.....)

Have a look at the picture for an example (I have blacked out the numbers on computer)  
I have included my home phone number, both parents mobiles and my brothers (absolute last-resort)



**Image Notes**  
1. Bottom of tin's outline

**Image Notes**  
1. very sharp!



**Image Notes**

- 1. don't need this...

**Image Notes**

- 1. Checking it fits

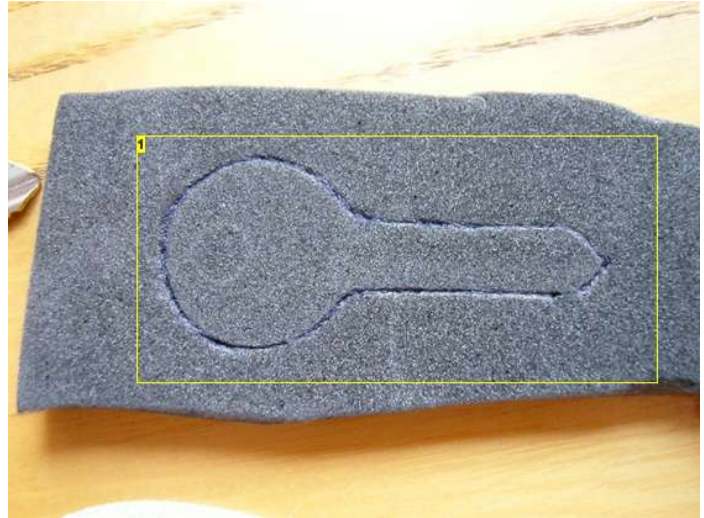
**step 3: Key Holder**

The Key holder is used to safely store a key where it cannot fall out, get lost or rattle around.

**Steps**

- 1 - Place your key on top of the foam board and trace around it with a pencil
- 2 - Now using an X-acto knife cut out the outline, you may want to cut slightly inside the outline to ensure your key has a snug fit and wont fall out
- 3 - Trim the piece of foam containing your key so that it fits nicely at the bottom of your altoids tin

Look at the last pic to see it in action!



**Image Notes**

- 1. Basic outline



**Image Notes**

- 1. Don't try to use this in a lock....
- 2. Nice tight fit ensures the key wont break loose and rattle around



**Image Notes**

- 1. Coming soon...
- 2. Slots right into one end of the tin at the bottom where it wont move around

#### step 4: Puncture Repair Kit

When going out on a bike ride a puncture repair kit is an absolute must! punctures can strike anytime anywhere and to anyone! so be prepared!! :D

##### Steps

- 1 - Decide how many patches you want and what size combinations you want
- 2 - I used a small strip of paper to keep all the small pieces together (optional)
- 3 - Put the kit into the altoids tin, use a small piece of bluetack to keep rubber solution in place.

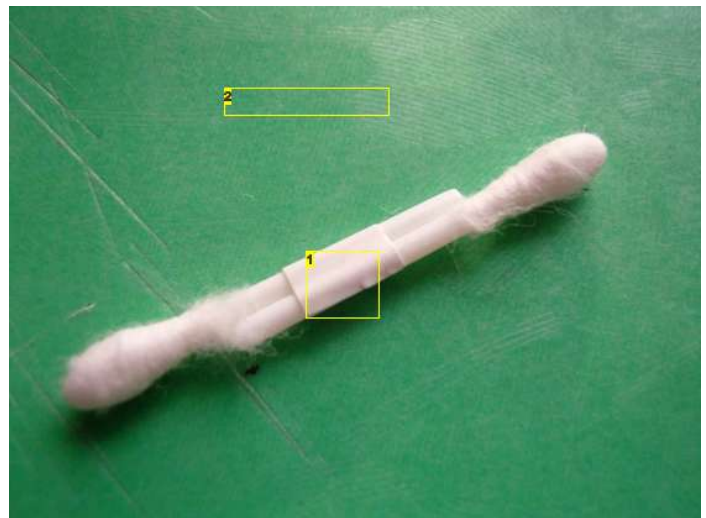


##### Image Notes

1. Small Strip of paper used to hold small pieces together

##### Image Notes

1. lol DANGER!!DANGER!!DANGER
2. Rubber solution
3. Small Patch
4. Q-tip
5. Large Patch
6. Glass paper



##### Image Notes

1. white tape
2. Now much smaller...

##### Image Notes

1. i had to cut this in half so there was enough room for key holder.

### step 5: Medical Kit

Now this medical kit wont perform heart surgery but it will help you with small cuts and grazes.

I have included three small plasters and a small tissue in my medical kit, if you have an antiseptic wipe handy it would be a good idea to include that too.

#### Steps

- 1 - Using scissors cut your tissue into a small rectangle so you can fit it in the tin
- 2 - Then use 2 paper clips to hold the tissue together
- 3 - Place the tissue and the three plasters in your altoids tin.



#### Image Notes

1. Yay small tissue!

#### Image Notes

1. Not real gold unfortunately...



## step 6: Money Holder

If you are out and about on your bike and your mobile phone runs out of battery or credit than you will have to use a pay phone, so this part of the kit lets you keep coins some where they will not get lost or rattle about allowing you to contact whoever you need.

### Steps

- 1 - Using a small section of foam board and some scissors cut the foam so that it fits in one end of the altoids case.
- 2 - Place your two coins on the foam and trace round them with your pencil
- 3 - Using an X-acto knife cut along the pencil line and remove the excess foam
- 4 - Check the coins fit
- 5 - Using scissors cut out a piece of the thin card and card to the back of the foam , this will stop the coins falling through
- 6 - For The note simply fold it up and paper clip
- 7 - Put the note in first and then the coin holder to clamp down the rest of the contents.





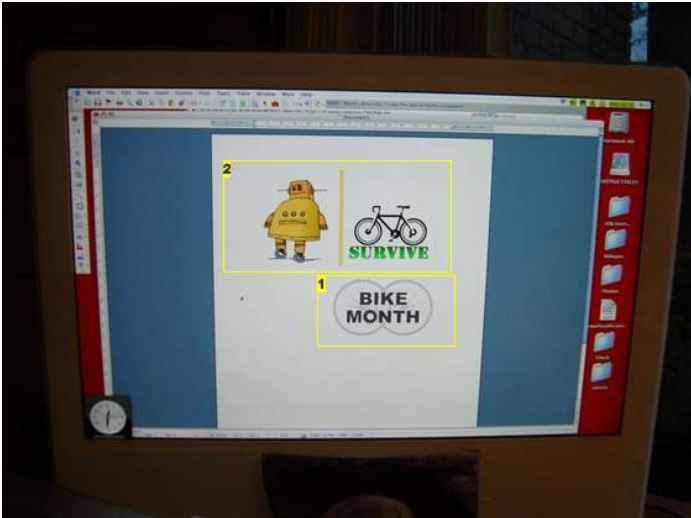


### step 7: Decorating the Tin

I didn't want to leave my bike kit as an Altoids tin because I have lots lying around and I didn't want to lose it so I quickly created a small logo and printed it off along with the Instructables robot.

Unfortunately, I didn't have any color ink left, so I had to resort to old-school coloring pencils. :D

Before I stuck the images on, I used some white electrical tape to mask the writing on the tin.



#### Image Notes

1. didn't use this in the end
2. used these

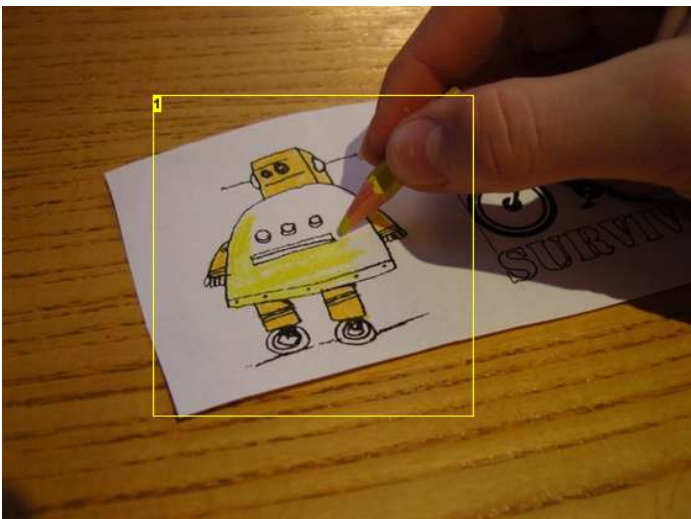


Image Notes

1. OLD SCHOOL!!!

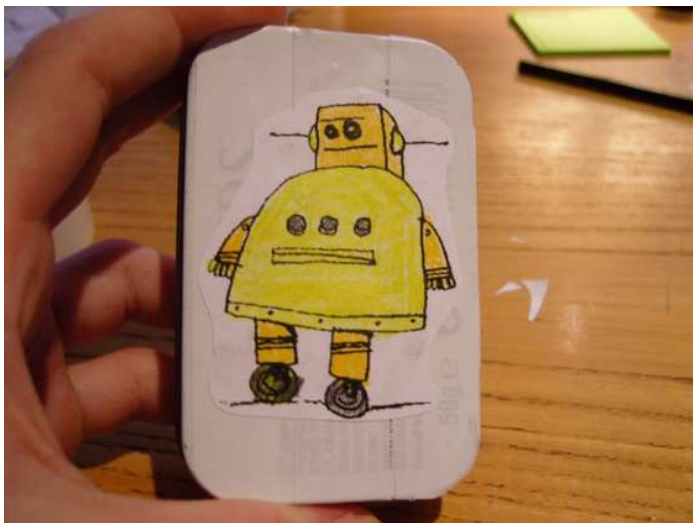


Image Notes

1. i think it came out quite nicely!

step 8: Finished!!



I really hope you enjoyed reading this as much as i enjoyed making it!!

Don't forget to  
**comment**  
and  
**vote!!**



### Image Notes

1. i think it came out quite nicely!

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## Comments


50 comments

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- 
- 


**michoi** says:  
trow in some allen keys

Mar 28, 2009. 5:33 PM [REPLY](#)
- 
- 


**temeno** says:  
And tyre levers

Apr 10, 2009. 10:47 AM [REPLY](#)
- 
- 


**=SMART=** says:  
Thats a good idea

Apr 4, 2009. 10:00 AM [REPLY](#)
- 
- 


**JohnnyDD** says:  
Where do you get your Altoids from (UK, England)? I can't seem to find them anywhere. Thanks!

Mar 24, 2009. 5:32 PM [REPLY](#)
- 
- 


**=SMART=** says:  
I got mine from Waitrose !

Mar 26, 2009. 4:29 PM [REPLY](#)
- 
- 


**JohnnyDD** says:  
Thanks, I will look out for them!

Mar 26, 2009. 5:13 PM [REPLY](#)
- 
- 


**=SMART=** says:  
Cool

Apr 4, 2009. 10:00 AM [REPLY](#)
- 
- 


**ShadowJesus** says:  
Brilliant!

Mar 26, 2009. 7:12 PM [REPLY](#)
- 
- 

**=SMART=** says:  
Thanks !

Apr 4, 2009. 10:00 AM [REPLY](#)
- 
- 

**LemonLily** says:  
The key idea and the money keeping thing is cool. Thanks for sharing. But too bad I don't bike. I don't even know how...

Mar 27, 2009. 2:37 PM [REPLY](#)
- 
- 

**merseyless** says:  
:(

Mar 27, 2009. 7:00 PM [REPLY](#)
-



**xproplayer** says:  
if it was real gold you could just drive everywhere in a limo if you have more clips

Dec 24, 2008. 11:57 PM [REPLY](#)



**=SMART=** says:  
hahaha

Mar 26, 2009. 4:30 PM [REPLY](#)



**ERCCRE123** says:  
"not 911 / 999 because if you cant remember that you shouldn't be on a bike at all...."  
LOL

Jan 24, 2009. 4:14 PM [REPLY](#)



**=SMART=** says:  
Hahaha!

Mar 26, 2009. 4:29 PM [REPLY](#)



**amakerguy** says:  
Nice coloring.

Feb 1, 2009. 9:29 AM [REPLY](#)



**=SMART=** says:  
Thank you :P

Mar 26, 2009. 4:29 PM [REPLY](#)



**Human Being** says:  
great job! =)

Mar 24, 2009. 1:56 PM [REPLY](#)



**=SMART=** says:  
Thanks !

Mar 26, 2009. 4:29 PM [REPLY](#)



**Southpole** says:  
i think you will have trouble using your puncture kit without tyre levers and a pump.  
generally, i wonder why you chose not to include any other bike specific tools? cheers

Mar 25, 2009. 6:42 AM [REPLY](#)



**=SMART=** says:  
I usually have a pump strapped to my bike and most of the other stuff wouldn't fit in :P

Mar 26, 2009. 4:28 PM [REPLY](#)



**sethkeyas** says:  
yay your english! so am i!

Mar 25, 2009. 12:54 PM [REPLY](#)



**=SMART=** says:  
woot :P

Mar 26, 2009. 4:27 PM [REPLY](#)



**lothartje** says:  
Nice man i really gonna make it ;D

Mar 26, 2009. 1:31 PM [REPLY](#)



**=SMART=** says:  
Awesome Thanks

Mar 26, 2009. 4:17 PM [REPLY](#)



**twocvbloke** says:  
I keep all that in my rucksack when I go cycling, except the numbers, cos I can remember the essential ones I need to know... :)

Feb 1, 2009. 9:05 PM [REPLY](#)

The advantage of a rucksack is you can carry more essentials, like extra water/drinks, food, a full First Aid kit (you may not be the one in need of one!!) and a full puncture kit inc. inner tube, cos you never know... :)

But for something you keep in your pocket, it would be quite handy for the short-distance rider... :)



**zoltzerino** says:

If somebody finds you unconscious and they need to contact a relative (after 999) they cant read you mind - a written record is good.

Mar 26, 2009. 2:24 PM [REPLY](#)

ZZZZ



**twocvbloke** says:

Erm, mobile phone with a person listed as "ICE" (In Case of Emergency) or "Mum" "Dad" "Brother" "Sister" "Girlfriend" "Boyfriend" in the contacts, credit/debit/ID cards in wallets or pockets, carry that about and it's not too difficult to work out who an unconscious person is... :)

Mar 26, 2009. 3:14 PM [REPLY](#)



**fwjs28** says:

unless you get a concussion...then you might not know who you are or where you are....

Mar 22, 2009. 2:25 PM [REPLY](#)



**duker** says:

Im thinking of making it

Mar 17, 2009. 5:30 PM [REPLY](#)



**=SMART=** says:

Cool !

Mar 18, 2009. 2:07 PM [REPLY](#)



**anomrabbitt** says:

At the top you say that you don't need to have the card with the phone numbers if you can remember numbers -- I would suggest having it anyway, in case someone else needs to call for you.

Jul 1, 2008. 10:37 AM [REPLY](#)



**navintzac** says:

I'd also recommend using the proper name of the person you are calling on the card; i.e. PennyAnn (mom). You'll know it is a cell/mobile (or home or whatever number ) and that way the kind person that is hauling you out of the ditch knows who they are contacting.

Jan 22, 2009. 9:31 AM [REPLY](#)

Bike shops here in the US sometimes carry small plastic tire levers at ~\$1 USD each. They are a touch big for the tin though... (Wal-Mart may also carry them).

And, despite limited space and funds, it may be worth while to add a button cell LED light. They run around \$1 USD as well.

Congrats on the prize, and keep up the good work!



**stephenniall** says:

Just wanted to add a good note if you print it out with the 'Wallet Print' in windows picture print thing it fits perfectly on a altoids tin (Also if you print it on address labels )

Jan 5, 2009. 11:32 PM [REPLY](#)



**porcupinemamma** says:

Thanks VERY much for your help. Truly appreciated! Again one brill idible :0)

Jan 6, 2009. 4:01 PM [REPLY](#)



**porcupinemamma** says:

Your ible is brilliant! Well done! I am a computer newbie. Your label is great and I'd love to do one exactly like yours. How do I do it?

Jan 5, 2009. 11:04 AM [REPLY](#)



**stephenniall** says:

I did post a Reply to you earlier saying i just finished this project and had a logo you can use but my photo didnt upload to instructyables to heres a link (not very good cos my printers on the blink)

Jan 5, 2009. 11:16 PM [REPLY](#)

PICTURE



**brandonparx** says:

This is awesome.

Jul 7, 2008. 4:43 AM [REPLY](#)

As soon as I purchase and consume a tin full of Altoids, I'm going to make this.

I need an emergency kit for my bike.

Altoids tins really are the perfect size for everything.



**=SMART=** says:

Thanks,  
I buy the altoids and then put the mints in a jar on my desk, and use the tin,  
they get eaten quickly if you can see them in a glass jar :D

Jul 13, 2008. 5:30 PM [REPLY](#)



**AznPanda** says:

lol no really??? lol this is kool :D

Oct 27, 2008. 7:23 PM [REPLY](#)



**=SMART=** says:

:D

Mar 18, 2009. 2:08 PM [REPLY](#)



**MichaelSpeer** says:

so this is what you do with ur spare time eh george?  
no one suprised...

Nov 20, 2008. 12:03 PM [REPLY](#)



**=SMART=** says:

TO THE CAVES !!!!

Nov 21, 2008. 12:46 PM [REPLY](#)



**AznPanda** says:

Umm puncture? uhh what is dat...

Oct 27, 2008. 7:18 PM [REPLY](#)



**lifelong-newbie** says:

To be added: a note which reads  
*"You've founded me injured at the side of the street, i am seeming unconscious, here's 12 quid, please don't hurt me."*

Oct 5, 2008. 1:33 PM [REPLY](#)



**brandon borick** says:

i live in a small town near yosimity ca usa so is 1 quid the same as a pound !!!

Oct 12, 2008. 10:20 PM [REPLY](#)



**lifelong-newbie** says:

Yea, soz for slang. Sometimes forget not the whole world are brits.

Oct 13, 2008. 9:23 AM [REPLY](#)



**=SMART=** says:

Hahaha lol

Oct 5, 2008. 3:33 PM [REPLY](#)



**rak** says:

kind of nice -- but i have a better idea --  
an alcohol swab can fit in anywhere -- including most wallets  
once i saw these bike tires filled with slime instead of air, so if its really a big deal to someone... (not me)  
and u can also buy like a gel pad thingy that goes over the bike seat, and tape anything small and flat to the inderside of it

Aug 30, 2008. 7:26 PM [REPLY](#)



**rak** says:

--also if u have some \$ to spend , eddie buaer stores sell some survival kits, including one in a water bottle form factor, so it can fit right on if u can find  
one in a darkish color

Aug 30, 2008. 7:28 PM [REPLY](#)

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