Subject: QASHQAI Flip Key DIY
Posted by be_on_edge on Tue, 16 Nov 2010 18:51:23 GMT
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Flip Key (V4) for Nissan Qashqai

Parts needed:
Original Qashqai key
Top Shell
Bottom Shell
Flip key mechanics with uncut blade

Original Qashqai key:
You already have this key, and it is the reason you are reading this page

You can buy shell here at shapeways:
http://www.shapeways.com/shops/be_on_edge

Top Shell

[list]2 models available:

[*]With Qashqai text positive. order here:
http://www.shapeways.com/model/173504/shell_top_v4___qashqai _logo.html?gid=ug40444

[*]With Qashqai text negative. (perfect if u want to paint the text in different color) order here:
http://www.shapeways.com/model/173512/shell_top_v4___qashqai _logo_cutted.html?gid=ug40444

Bottom shell

4 models available.

Plain. order here: http://www.shapeways.com/model/173520/shell_bottom_v4.html?gid=ug40444

With socket for nissan logo (nissan logo come from original key). order here:
http://www.shapeways.com/model/173525/shell_bottom_v4___niss an_logo.html?gid=ug40444

With Qashqai style logo (negative) (to be filled with paint). order here:
http://www.shapeways.com/model/173672/shell_bottom_v4___qq_s tyle_logo.html?gid=ug40444

With Qashqai style logo (negative) (to be filled with paint) and socket for Nissan logo.
order here: http://www.shapeways.com/model/175707/shell_bottom_v4___qq__
_nissan_logo.html?gid=ug40444

is it possible to add a personalized text (send me a PM with details)

Subject: Re: QASHQAI Flip Key DIY
Posted by be_on_edge on Tue, 16 Nov 2010 18:53:08 GMT
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Flip Key mechanics with virgin blade
I have not found where to buy online only flip key mechanism. It is then necessary to buy a completely flip key as the necessary parts. We will use the screws, flip body, flip button and spring.
The key, however, is quite comprehensive economic (a ten â‚¬). Do a search on ebay with the following words: "Nissan flip key"
The key to buy must have one of this shapes:

if u want to be sure it is compatible send me a PM with the link to the flip key you found and i will confirm about his compatibility.

Assembly instructions:

File PDF:
(this instruction are related about my first version, but the procedure is the same)
https://docs.google.com/viewer?a=v&pid=explorer&chro
me=true&srcid=0B4C5irIVLNtGYTQ4Mzk2NTUtYTU0OS00YmI2LWJhN
mMtNjE5YjM3ODJlNTM3&hl=en

Video instructions:
http://www.youtube.com/watch?v=1eQ53UQLAa4

Cutting the virgin blade

The virgin key that comes with ebay shell will be probably 4 mm longer than the orginal key.
V4 shells are modelled for original key dimensions so when you go to cut the virgin key at a shop you must tell to the operator to respect original size.

The material to remove is marked by red in the above image.

It is a quite simple work to do, just be sure to allign the virgin key sockets marked in orange with the ones that are in the original key.

Surface Finishing:

Material: White Strong & Flexible

Smothness:
With this material there is some steps due to the printing tecnique. With Black Strong & Flexible this steps are not presents.

To make it smoth i just used sandpaper. 5 minutes of work:

Paintings:
To paint the shell i decided to use spray color (RAL 9006).

This material is quite porous so i had to spray 3/4 times before it stop to absorb and start to get smoth.
(this is no finished yet)

When finished i will ad a coat of transparent paint to protect it from scratch.

I just made some experiment with heat resistant paint, here the result that is pretty cool:

File Attachments
1) incisione chiave.jpg, downloaded 1432 times

Subject: Re: QASHQAI Flip Key DIY
Posted by be_on_edge on Tue, 16 Nov 2010 18:54:32 GMT
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Videos:

First prototype:
http://www.youtube.com/watch?v=EwenailDYnk

Start your engine:
http://www.youtube.com/watch?v=bJL0oCDhG_g

Foto:

Material: Black Strong & Flexible (shells not painted yet in this pictures)

For any question write here in this forum or send me a PM.

Francesco

Subject: Re: QASHQAI Flip Key DIY
Posted by Youknowwho4eva on Tue, 16 Nov 2010 18:58:08 GMT
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Wow. Nice tutorial. I was thinking about doing similar with my Honda Civic key.

Subject: Re: QASHQAI Flip Key DIY

Posted by Jettuh on Mon, 29 Nov 2010 16:31:30 GMT
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very nice tutorial!

Subject: Re: QASHQAI Flip Key DIY
Posted by be_on_edge on Mon, 29 Nov 2010 19:58:37 GMT
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Jettuh wrote on Mon, 29 November 2010 16:31very nice tutorial!

Thanks !

Subject: Re: QASHQAI Flip Key DIY
Posted by be_on_edge on Wed, 02 Feb 2011 18:36:11 GMT
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New picture:

Subject: Re: QASHQAI Flip Key DIY
Posted by virusT on Tue, 29 Mar 2011 09:28:34 GMT
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Hi,

I have just ordered the shell, but I have some questions.

Are the screws included? In case they are not, what kind of screws should I get?

How difficult is to extract the electronics from the original key? could you add some picturers or video?

Thanks

Subject: Re: QASHQAI Flip Key DIY
Posted by be_on_edge on Tue, 29 Mar 2011 09:59:34 GMT
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Screw are included with the mechanics,

Extracting the electronics from original key is easy as change the battery.

Did you read the instruction over here ?

Francesco

Subject: Re: QASHQAI Flip Key DIY
Posted by virusT on Thu, 31 Mar 2011 11:27:13 GMT
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Yes, I watched to the videos and read the assembly instructions that you provided in the post.

I was just curious about the way to extract the electronics from the original key.

Thanks

Subject: Re: QASHQAI Flip Key DIY
Posted by be_on_edge on Mon, 29 Aug 2011 16:39:29 GMT
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BE CAREFULL !
This key mechanics is NOT compatible with my shells.

Uploaded with ImageShack.us

Subject: Re: QASHQAI Flip Key DIY
Posted by be_on_edge on Thu, 09 Feb 2012 18:10:36 GMT
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Facebook fan page:

https://www.facebook.com/Qashqai.Flipkey

Enjoy !

Subject: Re: QASHQAI Flip Key DIY
Posted by be_on_edge on Tue, 03 Apr 2012 17:33:39 GMT
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MORE INFOS ABOUT SCREEWS

Usually the screws you need to join the sheels comes with the mechanincs that need to be bought as seen in the instructions page. I usually sugges, if more screew are needed to come in an hardware store with them and buy similar ones.

In terms of kind of screews any one like: Triangular self tapping screws.

Definition in wikipedia says: Other screw threads are designed to cut a helical groove in a softer material as the screw is inserted .

Head of screew should be "button" type or "flat" type.
Lenght anything betwen: 5 and 8 mm

I do suggest "Phillips" type of socket, but any type is ok as soon as you own the proper screewdriver.

Diameter of the treadh is like 2 mm, but could be little more, the material is kinda elastic.

Hope this helps.