

## MR2 Rev 3 Handbrake switch

Posted by Turlock - 2016/02/19 11:18

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So my handbrake switch has broken on my Rev 3 Tubby, I can't seem to find a replacement anywhere. Anyone know the part number so I can chase toyota or where I'd get one?

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## Re: MR2 Rev 3 Handbrake switch

Posted by Quandry - 2016/02/19 11:49

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Should be able to find it with a bit of digging through this link:  
[http://www.toyodiy.com/parts/q\\_J\\_1996\\_TOYOTA\\_MR2\\_SW20.html](http://www.toyodiy.com/parts/q_J_1996_TOYOTA_MR2_SW20.html)

Hopefully there's handbrake info in here also:  
[http://mr2.ie/mr2/bgb/mk2/mechanical/brake\\_system.html](http://mr2.ie/mr2/bgb/mk2/mechanical/brake_system.html)

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## Re: MR2 Rev 3 Handbrake switch

Posted by Turlock - 2016/02/19 12:29

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Legend, it didn't have it but going through some other part numbers I found this place which had it for me:

[http://japan-parts.eu/toyota/eu/1996/mr2/sw20r-ajmzfg/3\\_211220\\_009\\_/tool-engine-fuel](http://japan-parts.eu/toyota/eu/1996/mr2/sw20r-ajmzfg/3_211220_009_/tool-engine-fuel)  
[http://japan-parts.eu/toyota/jp/1996/mr2/sw20-ajmzz/4\\_211120\\_005\\_/powertrain-chassis/4601\\_parking-brake-cable](http://japan-parts.eu/toyota/jp/1996/mr2/sw20-ajmzz/4_211120_005_/powertrain-chassis/4601_parking-brake-cable)

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## Re: MR2 Rev 3 Handbrake switch

Posted by Turlock - 2016/02/19 14:04

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Jaysus 44 euro from stealers :/  
Gonna see if there's anything else I can do

Part No. for future ref: 84550-12060

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## Re: MR2 Rev 3 Handbrake switch

Posted by Quandry - 2016/02/19 15:41

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good find with those links!

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## Re: MR2 Rev 3 Handbrake switch

Posted by JOCK - 2016/02/19 22:32

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be cheaper to buy a whole second-hand handbrake, see one on e-bay for 26 euro delivered, plus you have the rest off the handbrake incase needed for the future

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## Re: MR2 Rev 3 Handbrake switch

Posted by Turlock - 2016/02/21 22:18

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So with 44 euro looming for a new switch I thought I'd just try to repair it. Funny thing was that my switch was actually okish but with a multimeter it wasn't giving a clean connection so thought given I'd pulled loadsa bits apart I'd try a fix before re-installing a time bomb.

Looking at the switch you can see where the back of it was glued into place so I decided to dremel the back of it off to get access.

It's not a tidy operation given how small the switch is but it's all about function for this bit.

Once I'd got through all of it I was able to pry the back off while keeping a bit of pressure to make sure bits didn't go flying everywhere. Once apart I was able to slide everything out the back.

Here's a pic of it apart with all it's components:

[http://i17.photobucket.com/albums/b59/turlock45/BF325E89-F319-4BE0-B12B-D7F3E715BF2C\\_zpsn8p dbsbl.jpg](http://i17.photobucket.com/albums/b59/turlock45/BF325E89-F319-4BE0-B12B-D7F3E715BF2C_zpsn8p dbsbl.jpg)

The way it works is that the spring pushes the button of it out the front, when the button is extended it makes a connection (so handbrake light comes on). The two rails sit over the spring and the back of the button has a metal connector on it which bridges the two. When the button is pushed in the bridging connector moves into a cut out space on both of the rails.

The spade connector has a live feed into it and then the other side with a circular hole is grounded by the screw which holds it to the hand brake mechanism.

Worth nothing that when testing you need to make sure the screw is fully screwed in to cleanly earth that rail

On opening mine up the two rails and the bridging connector were covered in crud so a light sanding had them sorted

It all goes back together quite easily and I used a soldering iron (that I have specially for melting plastic given it ruins the tip) to tac it back together then I 2 part epoxyed all the way round and held it with a pipe wrench held with a cable tie.

The spring doesn't have much of a load so it's not bursting apart really

Not much to it but thought it worth sharing given the cost of a replacement

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Generated: 28 June, 2022, 18:41

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Here are a few pics of putting it back together, first gives an idea of how much you're cutting away and the second is how messy you can leave it once glued :)

[http://i17.photobucket.com/albums/b59/turlock45/147909E3-BC2D-4788-924B-314A10AD09E8\\_zpsdf0981om.jpg](http://i17.photobucket.com/albums/b59/turlock45/147909E3-BC2D-4788-924B-314A10AD09E8_zpsdf0981om.jpg)

[http://i17.photobucket.com/albums/b59/turlock45/04087B28-BB58-43B3-B3CB-3E588924BB68\\_zpsswxbdcsz.jpg](http://i17.photobucket.com/albums/b59/turlock45/04087B28-BB58-43B3-B3CB-3E588924BB68_zpsswxbdcsz.jpg)

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