

## Anyone????

Posted by Mister Two - 2013/03/11 21:02

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[http://i1311.photobucket.com/albums/s676/Jonny282/untitled888\\_zps2bf0f94f.png](http://i1311.photobucket.com/albums/s676/Jonny282/untitled888_zps2bf0f94f.png)

Can anyone identify what this is. It looks like some type of valve that operates a lever that runs through the inlet manifold-it appears to have a vacuum line running off it.

[http://i1311.photobucket.com/albums/s676/Jonny282/untitled999\\_zpsb336b110.png](http://i1311.photobucket.com/albums/s676/Jonny282/untitled999_zpsb336b110.png)

My car has been idling like crap when cold recently and Ive just now discovered that a wire (I think its something to do with earthing) somehow got trapped by the lever, therefore holding it in an open position permanently  
. Ive no idea how this happened, or when.

Im in work now so cant drive the car but on initial inspection the car is idling much better since removing the trapped wire.

any thoughts?

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## Re: Anyone????

Posted by colm - 2013/03/11 21:09

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i think its to do with the air flow intake to the mixer of fuel :unsure:

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## Re: Anyone????

Posted by Mister Two - 2013/03/11 21:12

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That would explain the poor idle alright, No idea how it happened. Ive repositioned the wire up and out of the way now so shouldnt happen again-weird!!

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## Re: Anyone????

Posted by colm - 2013/03/11 21:14

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ya that little bar moves when you prees the trottle the wire must have fell down on it and got caught

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**Re: Anyone????**

Posted by slipsliderg - 2013/03/11 21:44

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That unit operates the ACIS, the system that gives the engine a bit more kick above 4500rpm. If it was stuck partially open that may explain the issues.

I would remove the EFI fuse for a minute then reinstate it and go for a blast to clear her lungs, after the snow shifts maybe.

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**Re: Anyone????**

Posted by Mister Two - 2013/03/11 22:31

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Cheers ray. Will do.

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**Re: Anyone????**

Posted by Mister Two - 2013/03/12 17:58

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Well this has really made a difference. Now the car has returned to a high idle (the above issue was making it idle at 5-600rpm) that I mentioned in a previous post. Not ideal but since that was the original issue, it makes things less confusing. Im also hopeful I have that sussed because

1) my AC was removed which apparently can cause the idle to rise by 200rpm. A thread on MR2.com recommends plugging the vacuum lines that run to the AC idle up VSV.

2) Had my throttle body off recently and noticed that I could see light around the rim of the butterfly valve- apparently this shouldnt be so as air is getting sucked in when the ecu reads the throttle is shut.

Heres the thread from MR2.com

<http://www.mr2.com/forums/non-turbo-engine-talk-modifications-swaps/Toyota-MR2-51823-how-i-fixed-my-high-idle.html>

Thanks for your help guys, everyday I learn something new :huh:

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**Re: Anyone????**

Posted by greg 1973 - 2013/03/12 20:47

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How many revs is ur 2 idling at now ..?

**Re: Anyone????**

Posted by Mister Two - 2013/03/12 20:50

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greg 1973 wrote:  
How many revs is ur 2 idling at now ..?

When warm itl rev at 1400rpm. Car drives perfectly other than this.

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**Re: Anyone????**

Posted by greg 1973 - 2013/03/13 02:40

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just as a matter of interest..mine when warmed up idles at 900...  
i find this a little odd and have ment to post on this b4.. and at 900 revs it sits very  
comfy...just sayin i also drive a nissan maxima 2ltr v6 but that sits at 1200 revs when warmed up  
are u burning more fuel than me ? is ur engine louder ideling at higer revs and why does mine sit at 900  
revs when urs sits higher???? im askin in general as to gain answers..hope u know what i mean no ill  
will intended :cheer:

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**Re: Anyone????**

Posted by slipsliderg - 2013/03/13 07:30

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Greg, 900rpm is perfect, 1200 for the maxima sounds high to me, something needs looking at.

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**Re: Anyone????**

Posted by Mister Two - 2013/03/13 15:39

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900 is grand Greg. My best guess is an air leak somewhere is causing the higher revs. Possibly in the  
throttle body. yea it sounds louder alright but other than that it runs great.

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**Re: Anyone????**

Posted by greg 1973 - 2013/03/13 19:42

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slipsliderg wrote:  
Greg, 900rpm is perfect, 1200 for the maxima sounds high to me, something needs looking at.

Have just been informed by my 15 year old the maxima is idling at

8, 000 revs... oh dear this turning 40 business is affecting my eyes  
Should a gone to spec savers .. ive been told. :laugh:

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**Re: Anyone????**

Posted by eringobragh - 2013/03/13 20:51

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greg 1973 wrote:  
slipsliderg wrote:  
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Yeo just under a 1000 rpm for me....@ Greg ye got the maxima in the end I see :)

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**Re: Anyone????**

Posted by greg 1973 - 2013/03/14 08:12

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eringobragh wrote:  
greg 1973 wrote:  
slipsliderg wrote:  
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8, 000 revs... oh dear this turning 40 business is affecting my eyes  
Should a gone to spec savers .. ive been told. :laugh:

Yeo just under a 1000 rpm for me....@ Greg ye got the maxima in the end I see :)

Ah I did.. cheers what a pleasure to drive its lovely erin automatic  
2ltr v 6 :cheer:

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