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1.8 Intake manifold gasket

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1.8 Intake manifold gasket

by neebishis » Tue Feb 23, 2010 10:02 pm

I've been following this site for nearly 2 years...and picked up MANY useful tips from you guys. Maybe I can give one back. I have an '05 Vibe with 137,000 miles on it.....been getting an intermittant check engine light for the last 12 months. Just about the time I decide to do something about it, it goes out and I won't see it again for a month or so. The idle was a bit rough so I considered a tight valve, dirty injector, or oxygen sensor. Then someone on this site talked about tripping a code and winding up with a bad intake manifold gasket. I thought....that could cause ALL my symptoms, and would be the cheapest thing I could do to cure them. When the local Toyota parts guy gave my my new gasket, he said, "as you can see, these are red.....if yours is a black gasket, you'll know it is original, if its red, its already been changed out". Mine was black and had a crack in it at #1 cylinder. An easy hour of work, and my problem is history!! It purrs like a ***** cat, and generally just runs much better.....and the ck. engine light is out. Thanks guys for the great information!! By the way.....Type IV Toyota transmission fluid was only 4.50 a quart at the dealer....I picked up 4 of those for a drain and fill. I've heard GM is getting 11.50 a quart for this stuff.

neebishis


Posts: 21

Joined: Mon Sep 29, 2008 8:18 am

Re: 1.8 Intake manifold gasket (neebishis)

by lovemyraffe » Wed Feb 24, 2010 10:56 am

I replaced my intake manifold gasket a few months ago with a black one, but I also didn't get mine from a dealer.



lovemyraffe

Posts: 4288

Joined: Sun Oct 07, 2007 3:08 am

March 2011 MOTMFebruary 2010 MOTM

My GenVibe garage

Re: 1.8 Intake manifold gasket (neebishis)

by torque2k » Fri Mar 19, 2010 12:11 pm

Which dealer, Plainfield or Toyota of GR? That's a damn good price! Wittenbach Pontiac by me (LoweII) is running \$9 per... Oh, and they told me I should change my timing belt.

torque2k

Posts: 9

Joined: Thu May 29, 2008 11:44 am

Re: 1.8 Intake manifold gasket (neebishis)

by Zimm » Fri Mar 19, 2010 4:47 pm

hey, a Rockford member!

Zimm

Posts: 312

Joined: Wed Feb 03, 2010 1:47 pm

i was just back there this morning. doesn't look like i've missed much there lately.

RHS, class of '92.

'10 Black w/1.8L Auto
Air/PW/PL/PM



Re: 1.8 Intake manifold gasket (neebishis)

by keithvibe » Fri Mar 19, 2010 9:15 pm



the new red ones are designed with a different type of material to prevent what the black ones did (crack, split ect)
Glad your ride is purring again



keithvibe

Posts: 4954
Joined: Sat Sep 23, 2006 3:52 am
Contact:



2010 Vibe & member of the year
[garage](#)

Email me if you need to talk to me, click my siggy and send the email threw the contact page.



Re: 1.8 Intake manifold gasket (torque2k)

by neebishis » Sat Mar 20, 2010 3:32 am



Torque 2.....that would be Kool Toyota on Plainfield Ave.

neebishis

Posts: 21
Joined: Mon Sep 29, 2008 8:18 am



Re: 1.8 Intake manifold gasket (Zimm)

by neebishis » Sat Mar 20, 2010 3:36 am



Zimm.....the only thing that's new is that the Mexican Resturant got its liquor licence last week.....oh, and it looks like Rocky's is about to re-open for the season.

neebishis

Posts: 21
Joined: Mon Sep 29, 2008 8:18 am



Re: 1.8 Intake manifold gasket (neebishis)

by truepath » Sat Mar 20, 2010 9:15 am



Good information on the intake manifold gasket. That's the kind of fix I like. That is a good price on ATF. I paid about \$5.50 for it at a Toyota dealer in Minneapolis and thought it was a good price. (Believe it or not, but the local GM dealer out here in rural MN I checked with wanted \$17+ a quart for it.)



truepath

Posts: 31
Joined: Mon Mar 08, 2010 5:51 am



Re: 1.8 Intake manifold gasket (truepath)

by jasonvibe » Sun Dec 12, 2010 12:50 am



Mine gave me the code 133 that is likely what you had. And my symptoms are the same. Dealer said if the gas mileage goes down IT's surely the gasket(aka o-ring assy.) Muleage has now dropped. I need to do it. And How did you do it in just an hour? Also found an available replacemene intake @Advance Auto for \$200 with bettr o-ings. For someone to make complete replacements> Obviously there is an issue with the entire manifold design. It's cold here and no garage for me.....oh joy

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jasonvibe

Posts: 544
Joined: Sat Oct 08, 2005 4:00 am



Re: 1.8 Intake manifold gasket (jasonvibe)

by neebishis » Thu Dec 16, 2010 9:29 am



Jasonvibe....its been awhile since I did the job, and I'm old....but, as I remember, you remove the plastic cover over the valve cover, remove rubber intake air tube from aircleaner, remove nuts from the throttle body, remove the electrical

neebishis

Posts: 21
Joined: Mon Sep 29, 2008 8:18 am

plug and swing it out of the way (do not remove coolant lines). Then unbolt the intake from the head and wiggle it out. I see nothing wrong with factory intake manifold....it just had an o-ring gasket that was made of inferior material.....12 bucks for a new one and re-assemble. Get your new gasket from a Toyota dealer...and just tell him you've got a '05 Matrix with a 1.8 engine....you'll save yourself money and some hassle doing it that way.

Ken



Re: 1.8 Intake manifold gasket (neebishis)

by [jasonvibe](#) » Sat Dec 18, 2010 11:53 pm



Okay, I took it apart. I really looked and checked everything. And I found I had one of those steel bushings pressed too far it...right from the factory. SO the gasket was not sealing as forcefully at the head as possible. And then , after a couple years ...during cold starts is when I got my 1st code 133. But as everything heated up...it would seal. And code would disappear. Now this year the gasket had finally gave up...dried up I suppose. But, It was not torn. So much for Toyota quality check on the intake manifold. I took a small hammer and carefully tapped the bushing "the other way". I got the toyota gasket...was not orange or red. It is black. Same as Felpro. I think Felpro makes it. Advance sells Felpro them for about \$5...Toyota \$7.75 retail. The bushing thing may be something to check whenever the manifold is OFF. A simple straight edge will show the flaw. If it "rocks" it's not correct. Also OEM Toyota IV tranny fluid I get for less than \$5/qt. at an CarQuest Auto by me. Thank you for you reply

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[jasonvibe](#)

Posts: [544](#)
Joined: Sat Oct 08, 2005 4:00 am

Re: 1.8 Intake manifold gasket (jasonvibe)

by [neebishis](#) » Sun Dec 19, 2010 5:20 am



Jasonvibe....isn't that steel bushing just supposed to "float" inside the hole in the plastic manifold??
A-OK on your prices on gasket and type IV.

Now the important question.....does it run better, and did the code go away??

Ken



[neebishis](#)

Posts: [21](#)
Joined: Mon Sep 29, 2008 8:18 am

Re: 1.8 Intake manifold gasket (neebishis)

by [jasonvibe](#) » Sun Mar 20, 2011 6:38 am



steel bushings are pressed in...rather tight. This is to keep from crushing the lousey plastic intake. But if pressed in too far. It may eventually cause issues . Possibly not allowing a solid seal on the gasket. This plastic design...is poor. And almost everyone is using it. There is a replacement manifold from "Dorman". Look it up at Advance Auto. I only recommend this Dorman if your original is damaged..cracked, etc. The Dorman's ports for emission hoses are not flanged and causes intake leaks(how stupid) unless you use "screw" claps of some kind on the hoses. And 2- 8 x 45 bolts are needed to be purchased for us AWD and 03 and 04 FWD. Lastly the Dorman uses BRASS every where including the threaded spots for tightening the throttle body. And the brass can strip at the standard 22 ft/lbs. where the the OEM uses quality STEEL fittings. With the brass you can only tighten to about 10 ft/lbs.

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[jasonvibe](#)

Posts: [544](#)
Joined: Sat Oct 08, 2005 4:00 am

Re: 1.8 Intake manifold gasket (neebishis)

by [wallyuwl](#) » Sun Mar 20, 2011 7:02 am



Do you guys have a specific set of instructions for changing the gasket? Do you have a Toyota part number for the new gasket?

I'm looking to replace the cat and O2 sensors, and am thinking of replacing this gasket at the same time so I don't eventually get the 133 (or whatever it is, can't remember off hand) code that will end up ruining the new O2 sensor.



[wallyuwl](#)

Posts: [74](#)
Joined: Fri Jul 09, 2010 5:05 am

by [jasonvibe](#) » Sun Mar 20, 2011 7:57 am



what's the mileage on your car? O2 sensors usually go way past 80k before issues pop up.In fact it's the law in many states like Cali. If you are less than 80k...don't waste your money. .

[jasonvibe](#)

Posts: [544](#)
Joined: Sat Oct 08, 2005 4:00 am

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Re: (jasonvibe)

by wallyuwl » Sun Mar 20, 2011 8:21 am



120k miles. '03 base. have p0420 cel code. had p0170 (i think that was it) and new maf sensor seems to have fixed that.

wallyuwl

Posts: 74
Joined: Fri Jul 09, 2010 5:05 am



Re: (wallyuwl)

by wallyuwl » Tue Mar 22, 2011 9:17 am



Found this on how to replace the intake gasket. Seems like pretty good instructions, though it suggests changing the coolant at the same time. From what those on here have said this is not necessary.

<http://www.toyotapart.com/M.I....7.pdf>

wallyuwl

Posts: 74
Joined: Fri Jul 09, 2010 5:05 am



Re: (wallyuwl)

by jasonvibe » Wed Mar 23, 2011 5:20 am



on the non-drive by wire engines. AWD and pre 2005 FWD The 2 coolant hoses surely do NOT need disconnecting. I did not need to do it on mine. The bulletin says to disconnect the neg. battery cable to reset the computer. Something I did not do. Which I might. This is 1 hour job. Depending on how you work and how clean the parts are to start. Also the bulletin does it slightly out of order. 1st-re,ove plastic engine cover, 2nd- disconnect the snorkel throttle body to airbox, 3rd disconnect throttle body and cable. Then it's manifold time.

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jasonvibe

Posts: 544
Joined: Sat Oct 08, 2005 4:00 am

Re: (jasonvibe)

by wallyuwl » Wed Mar 23, 2011 9:38 am



What should I use to clean where the gasket goes before I put the new one on? Brake cleaner and a rag? Something else? The TSB for the fix says torque all the bolts and nuts for the intake to 22 ft lbs. I've heard someone else say the nuts 22, and the bolts 37. Anyone know for sure?

Should I put a bit of grease on one side of the new gasket to help it seal, or just put it in there?

Do I need to remove the throttle body? Saw a thread on toyotonation where the person removed all the hoses but left the throttle body on. Is it one or the other (remove hoses from throttle body and intake, or keep hoses on throttle body and remove from intake but then you have to remove throttle body)?

Any other suggestions?

After reareading the TSB (I originally saw it a few weeks ago), I'm convinced the gasket is bad, likely caused the O2 sensor to go bad, and thus made the cat go bad. 😊 Been a problem for four years in the cold.



Re: (wallyuwl)

by jasonvibe » Wed Mar 23, 2011 10:38 am



ALL BOLTS AND NUTS are to be 22 ft/lbs. Whom ever said different is totally wrong. The head is aluminum not iron!Otherwise you'll damage the head. Take it from me.I have the manual. Yes, remove the throttle body. The coolant hoses have enough length allowing you to strap it off to the side, use a bungi. Also it makes it easier when removing the Emissions and vacuum hoses. There is a gasket(oring) at the throttle body. But it does not get hot and likely will be good. Heat is what ages o-ring type gaskets. So not to worry. If you want to use some grease. Make sure it's waterproof and rated for hi-temps. Marine grease is good. But should have some transparencey to it. The new gasket has a high silicone content and does not require grease. I cleaned my intake with laquer thinner and a cotton cloth. Brake clean is harsh on some plastics. So I did not want to go with that.Do not use laquer thinner or brake clean on the gaskets. Simply-If you do as I did and others who told me the same "how to" here. You cannot go wrong. Just remember. DO NOT

jasonvibe

Posts: 544
Joined: Sat Oct 08, 2005 4:00 am

remove coolant hoses. Simply work from Right to left during disassembly. With the snorkle 1st. Then hoses and throttle body. During assembly when torquing the intake down there is a specific order. 5 nuts & bolts. hope this makes sense. 5, 3, 1, 2, 4. Don't forget the throttle body support..#6 on the engine block,after you mount the T-body.

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Re: (jasonvibe)

by wallyuwl » Thu Mar 24, 2011 11:49 am

Not sure what bolts correspond with those numbers 1-5? Do the nuts get tightened last?



wallyuwl

Posts: 74
Joined: Fri Jul 09, 2010 5:05 am



Re: (wallyuwl)

by jasonvibe » Fri Mar 25, 2011 1:49 am

sorry I meant the 5 fasteners. 2 nuts , 3 bolts they are basically across the intake. That is the order as listed in my last post...middle is 1st. then right of middle and so on..got it?

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Re: (jasonvibe) UPDATE-still PO133

by jasonvibe » Sat Mar 26, 2011 4:47 am

if some are following this. I did recently replace my intake gasket. Which pretty much cured the rough idle. Especially during warm up. But now today, the PO133 has returned along with a somewhat rougher than normal idle during warm up. in gear and stopped. BUT Not as bad as prior to the gasket swap. But still, suddenly worse. I did not change the throttle body gasket. Toyota says you should. But mine was in very good shape. NOT flattened out. Since this latest today PO133 I decided to change SOME of the hose clamps at the intake manifold. Thus far, new clamps = no change. ALSO if the O2 sensor was bad, I think I would get an additional or different code. Any ideas out there?

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jasonvibe

Posts: 544
Joined: Sat Oct 08, 2005 4:00 am

Re: (jasonvibe) UPDATE-still PO133 (jasonvibe)

by wallyuwl » Sat Mar 26, 2011 8:37 am

I think I am going to change the throttle body gasket as well. It is a \$3 part. Plus clean the IACV and replace that gasket since I'll have the throttle body off anyway. It does involve taking off two coolant lines, but I'm not too worried about that since a lot of people have taken off the coolant lines for this repair without any problems.

<http://matrixowners.com/topic/...incl/>

I think I understand the order for the fasteners for the intake now. I haven't actually looked at the engine yet, wife has been gone with the car when I've been home. But I'll figure it out. Are there any bolts holding it on on the bottom?

I'm still not sure about exactly what hoses to, and not to, take off the throttle body and intake during the repair?

Sorry, can't help you with the new code. The things I've seen to fix it are the manifold gasket and upstream O2 sensor.



wallyuwl

Posts: 74
Joined: Fri Jul 09, 2010 5:05 am



Re: (wallyuwl)

by jasonvibe » Sat Mar 26, 2011 9:14 pm

once you remove the large plastic engine cover ...all is obvious. But I am still having issues with mine. Seems I used an outdated intake gasket. Prone to problems at very cold(subfreezing) temps. I posted elsewhere...I will be changing to the correct orange gasket and likely the t-body one as well.



jasonvibe

Posts: 544
Joined: Sat Oct 08, 2005 4:00 am

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Re: (jasonvibe)

by jasonvibe » Wed Apr 06, 2011 7:41 am

I changed both the intake to the orange and the throttle body gasket also. Pretty much the same in cold weather. Good start up....then I think when the IDLE speed control(ISC) no longer is "kicking" the idle up. But the car is still not fully warmed up. It's not smooth like it used to be. Maybe ISC shutting off too soon?

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jasonvibe

Posts: 544
Joined: Sat Oct 08, 2005 4:00 am

Re: (jasonvibe)

by wallyuw1 » Sun Apr 10, 2011 11:09 pm

Ok, so yesterday I did the repair for the intake manifold gasket. I also ceaned the IACV and put in a new valve oil filter. It was getting dark, so I didn't start it up.
Today when I started it up it idled very rough, and then wanted to die, so I shut it off. I've started it a couple times and it is better (still not idling normal), but still after a minute or two wants to die.

The weirdest part is I have no brakes. The brake pedal is stuck into its up position.

Anyone have any ideas? Everything is hooked up and back in its original position. I did disconnect the coolant lines from the throttle body which could have let air in. Would air in the cooling system cause all these problems? Really don't want to have to take it to a dealer... ☹

wallyuw1

Posts: 74
Joined: Fri Jul 09, 2010 5:05 am

Re: (wallyuw1)

by star_deceiver » Mon Apr 11, 2011 6:22 am

Disconnect the battery for a while and make sure all the lines are back in the right spots. Are all the manifold bolts torqued properly?

As for the brakes, they're not getting vacuum so you have no power brakes.

2016 Ram 3500 4x4 Diesel RCLB Dually w/stick
2012 Chevy Silverado 1500 Cheyenne 4x4 (Traded in - 03/30/16)
2009 Vibe. (Traded in - 12/12/12)



star_deceiver

Posts: 5798
Joined: Fri Jun 05, 2009 1:49 pm
Location: Airdrie, AB

Re: (star_deceiver)

by wallyuw1 » Mon Apr 11, 2011 6:56 am

I gave up and brought it to the Toyota dealer. turns out it was a tube going into the manifold that I forgot to put back on. I have no idea what tube it would be, I still can't find a tube connected to it that is not one I took off, and put back on, for the repair. But \$49 later it works fine. Then I replaced the O2 sensor and changed the oil. Still have to replace the cat, but that will wait until another day.

wallyuw1

Posts: 74
Joined: Fri Jul 09, 2010 5:05 am

Re: (wallyuw1)

by star_deceiver » Mon Apr 11, 2011 7:04 am

On the intake manifold of my 09 1.8 there's an unused vacuum port. Perhaps there's one on the first gen that a plug came off.



star_deceiver

2016 Ram 3500 4x4 Diesel RCLB Dually w/stick
2012 Chevy Silverado 1500 Cheyenne 4x4 (Traded in - 03/30/16)
2009 Vibe. (Traded in - 12/12/12)



Posts: 5798
Joined: Fri Jun 05, 2009 1:49 pm
Location: Airdrie, AB

Re: (wallyuwl)

by jasonvibe » Wed Apr 13, 2011 9:16 am

There are THREE manifold hoses. The hose you missed is the one you cannot see. once you put the throttle body on. It faces the firewall. AGAIN, there is no reason to remove the coolant hoses. AND the hose you missed was likely due to your attention to the coolant hoses. Which block the view when they are connected. Sounds like it took the dealer/mechanic 10 minutes to fix it.

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jasonvibe
Posts: 544
Joined: Sat Oct 08, 2005 4:00 am

Re: (jasonvibe)

by wallyuwl » Wed Apr 13, 2011 9:28 am

I felt around a bit and looked using a flashlight.
Is the hose I likely missed just to the left (as looking at the engine) of the coolant hoses for the throttle body? It is hard to see and faces the firewall, and seems to go into the inake (best I can tell).

If so, I never even took that one off, but it must have come off on its own when I moved the manifold once I unbolted it.

wallyuwl
Posts: 74
Joined: Fri Jul 09, 2010 5:05 am

by jasonvibe » Wed Apr 13, 2011 9:23 pm

yes,,,that's it. It gives vacuum to the power brakes. I am 5'9" and it's something I could barely notice. But knew it was there. If you are <5'6" you may not notice it. But again. You removed the manifold and should have seen 3 vacuum ports sticking out. You must have pulled hard to make that hose just come off. It's on there pretty good. Glad it's all good now.

2005 AWD Platinum
Alloys, Moon & Tunes
Power group...just enough to be fun

jasonvibe
Posts: 544
Joined: Sat Oct 08, 2005 4:00 am

Re: 1.8 Intake manifold gasket

by biodieselrabbitt » Wed Jan 02, 2013 10:07 pm

Anyone have the toyota part number for the throttle body gasket (not the intake manifold gasket)? Figure I will replace them both while I am in there doing the intake manifold gasket.

2003 Pontiac Vibe



biodieselrabbitt
Posts: 73
Joined: Sun Sep 18, 2011 2:29 pm
Location: Portland, OR

Re: 1.8 Intake manifold gasket

by ddbest » Fri Jan 04, 2013 7:10 pm

So the other day I went to GM in whitby and bought an intake manifold gasket. They assured me that this was the part, but they gave me an ac delco gasket (black)

Am I right to assume this gasket will fail?? or is this an updated one for gm vehicles

ddbest
Posts: 6
Joined: Fri Jan 04, 2013 7:05 pm

Not looking forward to taking this apart again, but it'll be another 45 minutes wasted!

Ths is 4 a 2004 pont vibe base btw.

Re: 1.8 Intake manifold gasket

by biodieselrabbit » Fri Jan 04, 2013 8:06 pm

Sounds like you got an old one that has been superseded by part number 17171-22060. If it is either part number 17171-22030 or 17171-0D020 then it is the older version. The new ones are a burnt orange. From what I have read it sounds as though a recently replaced older version gasket will still last a couple years but will eventually crack or warp just like I am guessing your last one did.

2003 Pontiac Vibe



biodieselrabbit

Posts: 73
Joined: Sun Sep 18, 2011 2:29 pm
Location: Portland, OR

Re: 1.8 Intake manifold gasket

by ddbest » Sat Jan 05, 2013 7:20 am

Car has 194000 Kms. So when it does fail I don't expect to still have that car!!

ddbest

Posts: 6
Joined: Fri Jan 04, 2013 7:05 pm

Re: 1.8 Intake manifold gasket

by ddbest » Sat Jan 05, 2013 7:29 am

If this makes any sense. The GM part number is 88969024 and manufacture date of 2012.12.20

ddbest

Posts: 6
Joined: Fri Jan 04, 2013 7:05 pm

Re: 1.8 Intake manifold gasket

by biodieselrabbit » Sun Jan 06, 2013 5:20 pm

A few pictures of when I changed out the intake manifold gasket and throttle body gasket today on my base 2003 Vibe.



Dirt accumulating around center bolt at intake manifold gasket. This is why I suspected that the intake manifold gasket was bad (in addition to the fact that I knew it was the older black one). When it is cold out, the vibe does the idle hunting thing. Hopefully this replacement cures it.

ManifoldGasket 003.jpg (21.73 KiB) Viewed 6120 times

2003 Pontiac Vibe



biodieselrabbit

Posts: 73
Joined: Sun Sep 18, 2011 2:29 pm
Location: Portland, OR

Re: 1.8 Intake manifold gasket

by biodieselrabbit » Sun Jan 06, 2013 5:23 pm



biodieselrabbit

Posts: 73



Input side of throttle body after removing the rubber hose (snorkel) from air box. Very clean.
ManifoldGasket 014.jpg (25.68 KiB) Viewed 6119 times

Last edited by biodieselrabbit on Sun Jan 06, 2013 5:44 pm, edited 1 time in total.

2003 Pontiac Vibe



Re: 1.8 Intake manifold gasket

by biodieselrabbit » Sun Jan 06, 2013 5:24 pm



Output side of throttle body. Much dirtier. Probably ought to clean it at some point but didn't have the time today.
ManifoldGasket 016.jpg (20.69 KiB) Viewed 6119 times

Last edited by biodieselrabbit on Sun Jan 06, 2013 5:51 pm, edited 1 time in total.

2003 Pontiac Vibe



biodieselrabbit

Posts: 73
Joined: Sun Sep 18, 2011 2:29 pm
Location: Portland, OR

Re: 1.8 Intake manifold gasket

by biodieselrabbit » Sun Jan 06, 2013 5:26 pm



biodieselrabbit

Posts: 73
Joined: Sun Sep 18, 2011 2:29 pm
Location: Portland, OR



Throttle body removed and tied out of the way. I did not detach any vacuum hoses or radiator fluid lines from the throttle body.

ManifoldGasket 015.jpg (29.15 KiB) Viewed 6119 times

2003 Pontiac Vibe



Re: 1.8 Intake manifold gasket

by biodieselrabbitt » Sun Jan 06, 2013 5:28 pm



Whole engine bay with intake manifold removed.

ManifoldGasket 023.jpg (33.76 KiB) Viewed 6118 times

2003 Pontiac Vibe



biodieselrabbitt

Posts: 73
Joined: Sun Sep 18, 2011 2:29 pm
Location: Portland, OR

Re: 1.8 Intake manifold gasket

by biodieselrabbitt » Sun Jan 06, 2013 5:30 pm



biodieselrabbitt

Posts: 73
Joined: Sun Sep 18, 2011 2:29 pm
Location: Portland, OR



The vacuum hose you see is the one most people forget to reattach to the intake manifold when they reinstall. In total, I removed 3 vacuum hoses from the manifold to completely take it out (did not unhook any from the throttle body).

ManifoldGasket 022.jpg (23.93 KiB) Viewed 6118 times

2003 Pontiac Vibe



Re: 1.8 Intake manifold gasket

by biodieselrabbit » Sun Jan 06, 2013 5:33 pm



Taking a look inside.

ManifoldGasket 018.jpg (17.45 KiB) Viewed 6118 times

2003 Pontiac Vibe



biodieselrabbit

Posts: 73
Joined: Sun Sep 18, 2011 2:29 pm
Location: Portland, OR

Re: 1.8 Intake manifold gasket

by biodieselrabbit » Sun Jan 06, 2013 5:36 pm



biodieselrabbit

Posts: 73
Joined: Sun Sep 18, 2011 2:29 pm
Location: Portland, OR



New intake manifold gasket (Toyota Part #17171-22060). Notice how it is the burnt orange color.
ManifoldGasket 026.jpg (27.66 KiB) Viewed 6118 times

2003 Pontiac Vibe

Re: 1.8 Intake manifold gasket

by biodieselrabbitt » Sun Jan 06, 2013 5:38 pm



New throttle body gasket (Toyota Part #22271-0D030). The old one was likely fine but since I was taking it off anyway might as well put in a nice new one given the relatively low cost.
ManifoldGasket 027.jpg (30.17 KiB) Viewed 6118 times

2003 Pontiac Vibe



biodieselrabbitt

Posts: 73
Joined: Sun Sep 18, 2011 2:29 pm
Location: Portland, OR

Re: 1.8 Intake manifold gasket

by biodieselrabbitt » Sun Jan 06, 2013 5:43 pm

I will report back in a few weeks about whether this fixes my idle hunting problem. Thanks to all those who blazed the way and documented their work. It made my replacement much smoother.



biodieselrabbitt

Posts: 73
Joined: Sun Sep 18, 2011 2:29 pm
Location: Portland, OR



Reassembled Engine.
ManifoldGasket 029.jpg (30.59 KiB) Viewed 6118 times

2003 Pontiac Vibe

Re: 1.8 Intake manifold gasket

by [Salsa Guy](#) » Mon Jan 07, 2013 8:56 pm

Nice write-up with PICs

05 Matrix XR 4WD and 03 Vibe GT
"If you want Government to solve your problems, then you are the problem!" BMSR
Trix MODS: SRI w/ AEM filter, Vibrant/Magnaflow Cat-back, Alutec Lightweight Crank Pulley
GT MODS: Cosmo SRI, DRL, Auto Stop



Salsa Guy
Posts: 1758
Joined: Thu Oct 07, 2010 10:46 pm
Location: Greater Tulsa Area

Re: 1.8 Intake manifold gasket

by [biodieselmrabbit](#) » Fri Jan 11, 2013 9:00 am

So unfortunately the idle hunting still persists. The good news is that it appears to be less severe, meaning it presents at lower temperatures, lasts for a shorter duration and jumps to a lower rpm than before. I did not use gasket sealant on either the intake manifold or throttle body gasket but read elsewhere on the forums that someone who did had good results.



biodieselmrabbit
Posts: 73
Joined: Sun Sep 18, 2011 2:29 pm
Location: Portland, OR

2003 Pontiac Vibe

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