



UK MKIII Supra Owners Group

Changing the Spark Plug Valley Cover



Author	J Seaman
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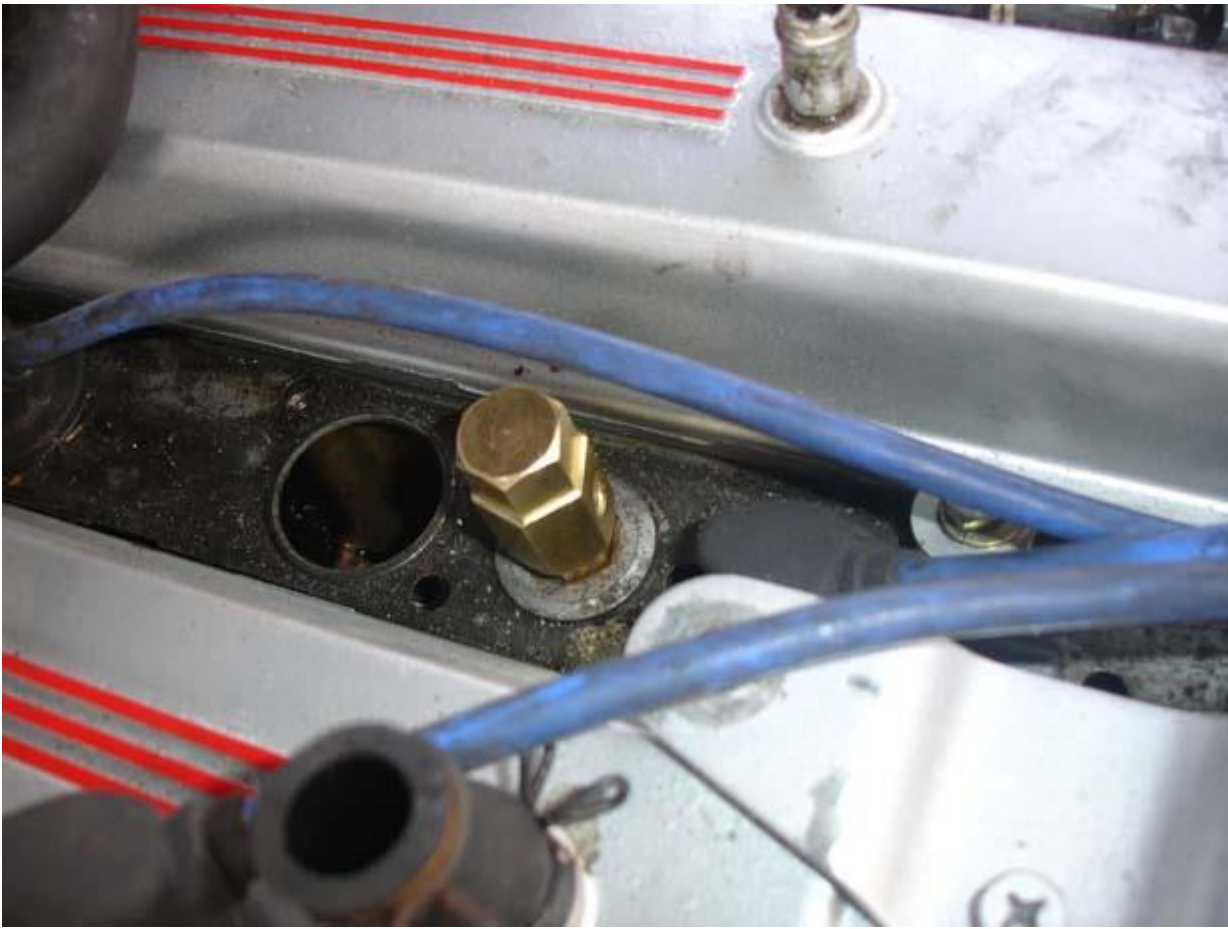
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Step 1 - Follow the guide for removing the PCV system

Step 2 - To remove the old cover (Number 3 cylinder head cover to Toyota) you will need a 14mm hex tool. One method is to get an old 14mm bolt and then stick a couple of nuts back to back as shown in the first picture. I had very little success with this, I just kept threading bolts.

My recommendation is to buy a 14mm hex key or a cheaper alternative is a 14mm sump nut remover. This gives you a 17mm socket connection on the other end which is handy too





Step 3 - Your cover will probably not have been replaced for a very long time so expect a lot of resistance. I use a wheel brace on my sump nut remover to crack the 4 nuts off



Step 4 - Once you've undone all 4 nuts, remove the HT leads from the plugs (you can just shift the coil pack to one side, no need to undo all the leads) and slide the gasket out forwards



Step 5 - Get one nice shiny new cover, preferably a stainless one from Steve (Group A Supra) because they rock. Second pic shows the thickness difference, stock one looks very cheap and nasty in comparison



Step 6 - Slide the new gasket in



Step 7 - Spray some carb cleaner on the rusty nuts (picture 1) and they should clean up a little (picture 2)





Step 8 - Note that all nuts are the same except for the rear one that looks like this



Step 9 - Fit your cleaned up nuts back in place and tighten them down



Step 10 - Refit the leads and coil pack then admire your new cover

