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Topic Title Changing A6 two piece seals to Double lipped seal

Date Posted: Sat December 22, 2007 7:50 PM

Posted By: Chick (Senior Moderator)

From time to time the question comes up of new and reman A6 compressors slinging to much oil. Usually evidenced by the sling mark under the hood...😁 It has been suggested by a few forum members that the GM double lipped seal, GM# 2724954, AcDelco #15-30948 and **Ackits.com seal number 21-34734** can be used in place of the GM two piece ceramic seal. GM tech states that he did all the measuements and can't really understand why there isn't tech information advising to change to the double lipped seal. So, today I had a chance to see if I could do one, and not surprising, GM tech is right on the money again. (like we could ever doubt him...😁) So below is the procedure, really the same as [this post on changing seals](#) with the biggest difference being the removal of the "cage" under the ceramic seal. I'll show it all in pictures, and you can get most of the information you need from the other post linked above.. But to sum it up, I wish I had a car to try it on, as it was really an easy switch.. I don't have the mastercool number for the "cage removal tool at this time, maybe after the holidays we can get that for you.. The rest of the tools needed are pretty much standard, and Tim can get the complete set of matercool A6, DA6, and R4 two piece seal tools in a handy kit, which he will have the number for I believe..

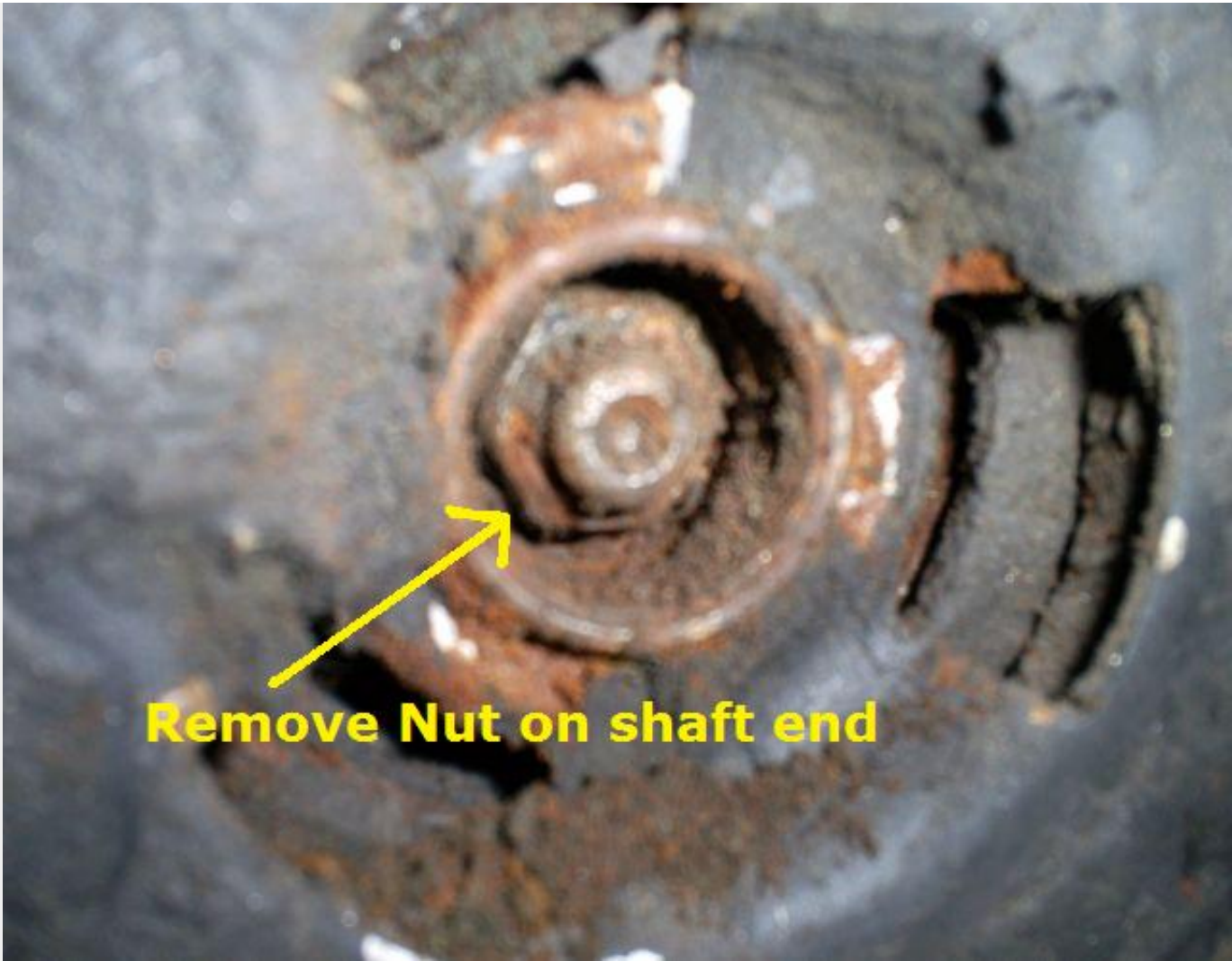
Anyway, here is the list of tools I do have

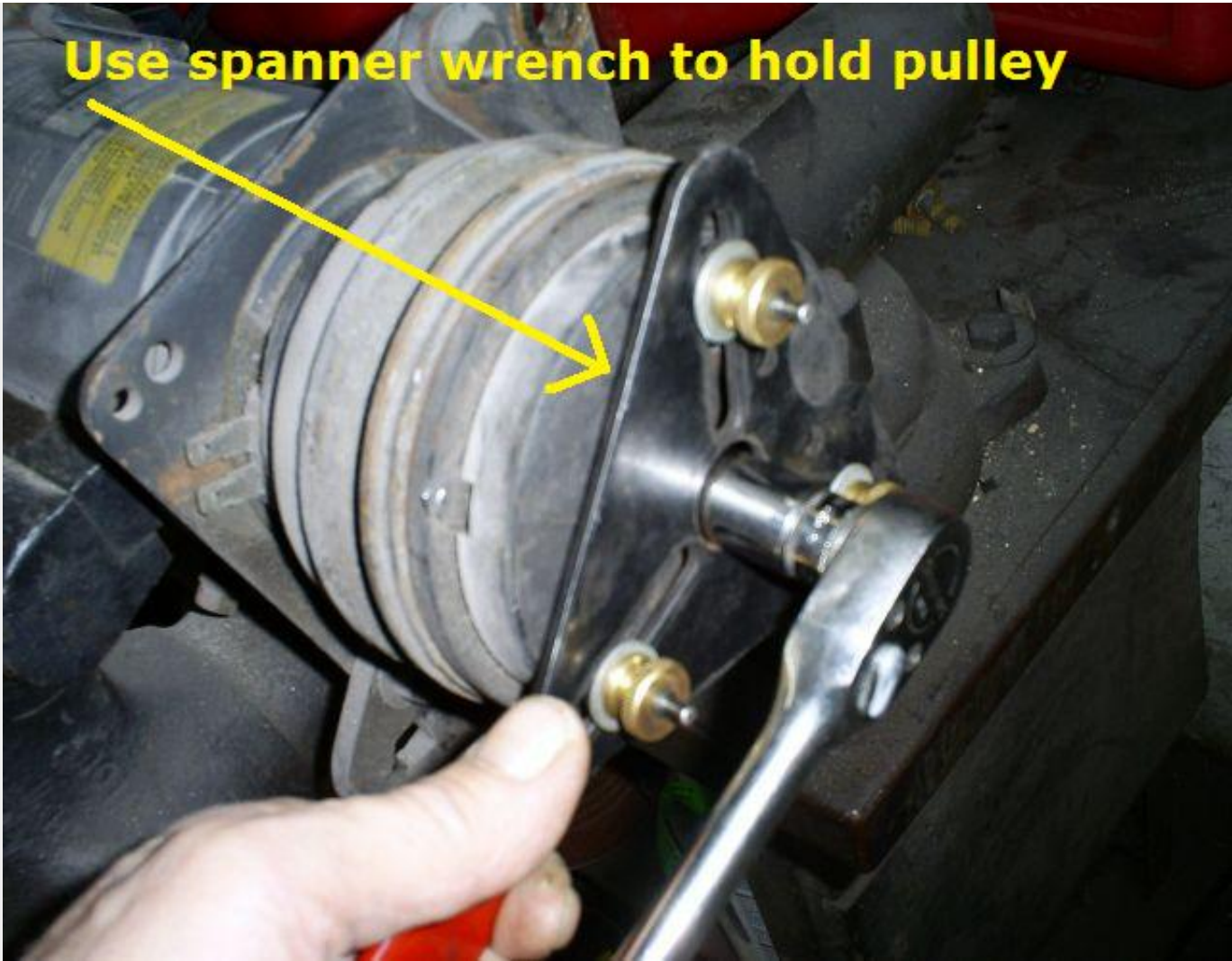
1. Clutch removal tool #90454
2. Seal removal tool 90486 (same as the V5, and newer compressors)
3. Clutch installer tools #90458 & 91206 (course thread for the older GM compressors)
4. You should have a spanner wrench, but you can get the nut off other ways.

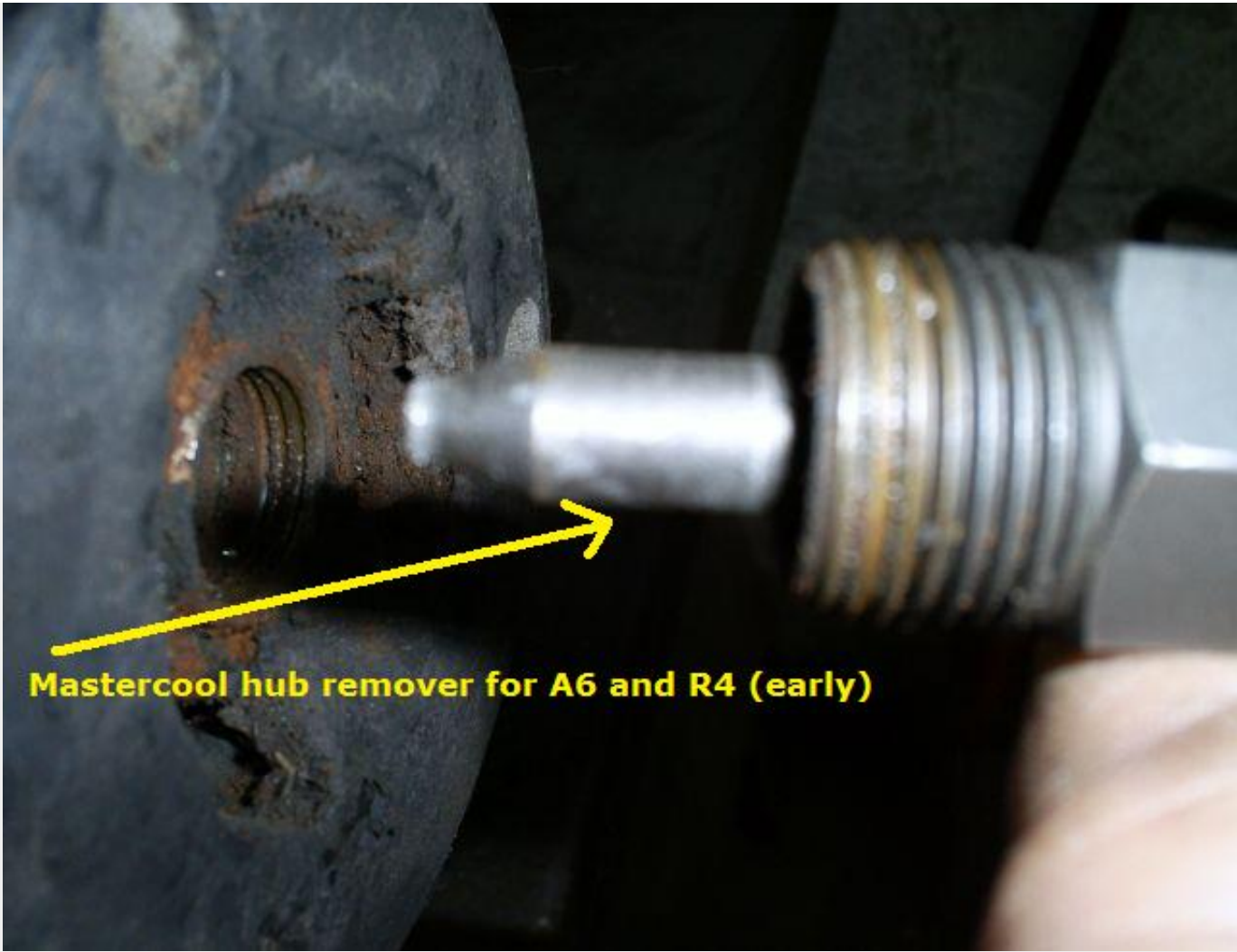
For more information be sure to check out [the original seal post](#)

Typical A6 compressor









Mastercool hub remover for A6 and R4 (early)

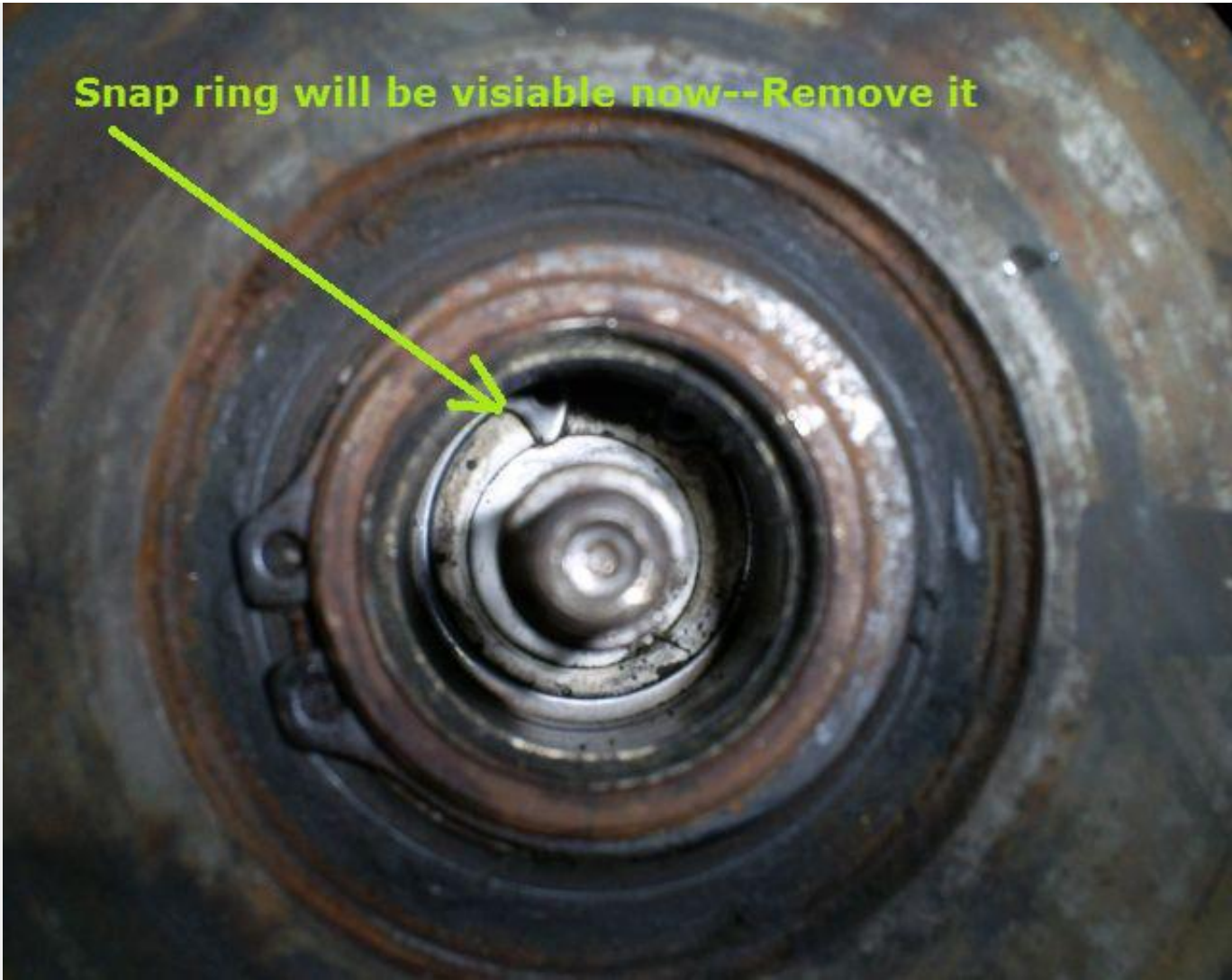












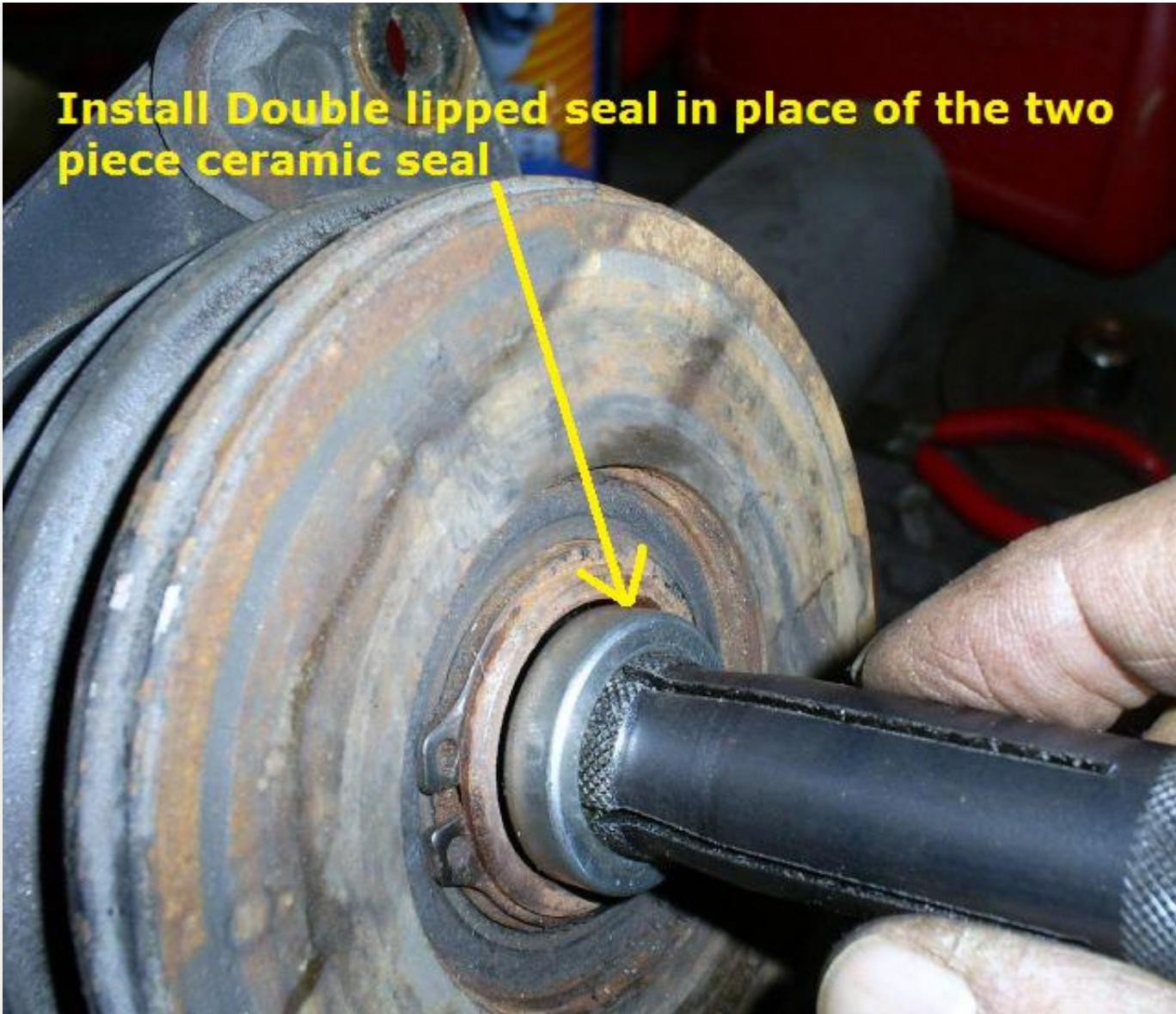






**Clean shaft and use a seal protector like
mastercool part number #90484**







Double lipped seal fits perfectly



**Install NEW snap ring, make sure it snaps
in the groove tightly**





If anyone has anything to add to this post, or other suggestions, please feel free to do so. As I have stated before I have never done this before, so maybe someone has something to add that I may have forgotten. Also, always make sure you are working on a "CLEAN" compressor shaft as stated in the other post. make sure it's clean "before" you remove the old shaft seal, and well oiled going back in..Always use a "shaft seal protector" to prevent damage to your new seal..

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Freedoms just another word for nothing left to lose