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944 Early Odometer Gear Replacement

These instructions are used after the speedometer is removed from your 944.



1. Start by removing the magnetic pickup from the back of the speedo that is held on with 2 phillips head screws.





2. Now with the speedo laying face down begin to pry the trim ring up using either a thin flat head screwdriver or a pick. You will need to pry this up all the way around the edge of the speedo to remove the trim ring. This is not easy and will require some time and patience.





3. Now take the flat head screwdriver and place it between the trim ring and speedo housing and gently begin to separate the 2 pieces. Work your way around the speedo until the trim ring is loose enough to remove by hand.





4. Now with the speedometer facing you remove the plastic cone and trim ring underneath it with your hand.







5. Now to remove the needle lift straight up on the needle with your fingers as your are turning it all the way to the right towards the odometer reset button. It is important that you lift straight up on the needle do not jerk it or lift on a angle or you may break the shaft that the needle sits on. You may need to move the needle all the way forward and all the way back a few times before the needle comes off just continue to lift up while you are moving the needle in either direction.





6. Now remove the 2 small black screws that hold on the faceplate. Once the screws are removed lift the faceplate out of the way.





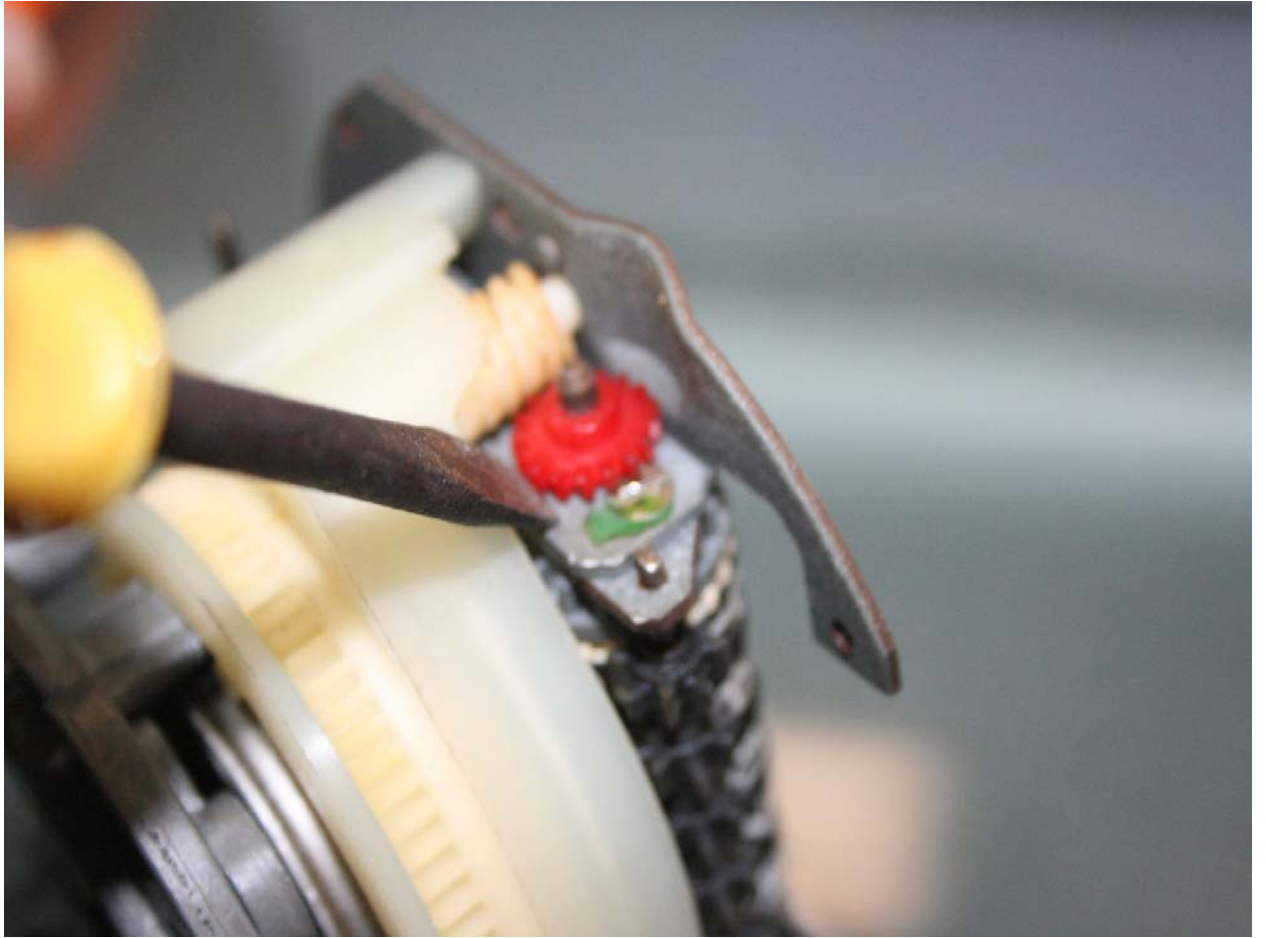
7. Now turn the speedo over in your hand and remove the 2 screws on the back of the housing that are holding the speedometer in place. It is important that you hold the speedo in your hand because once the 2 screws are removed the speed will fall out of the housing and you do not want the needle shaft to hit a hard surface or it may get damaged.

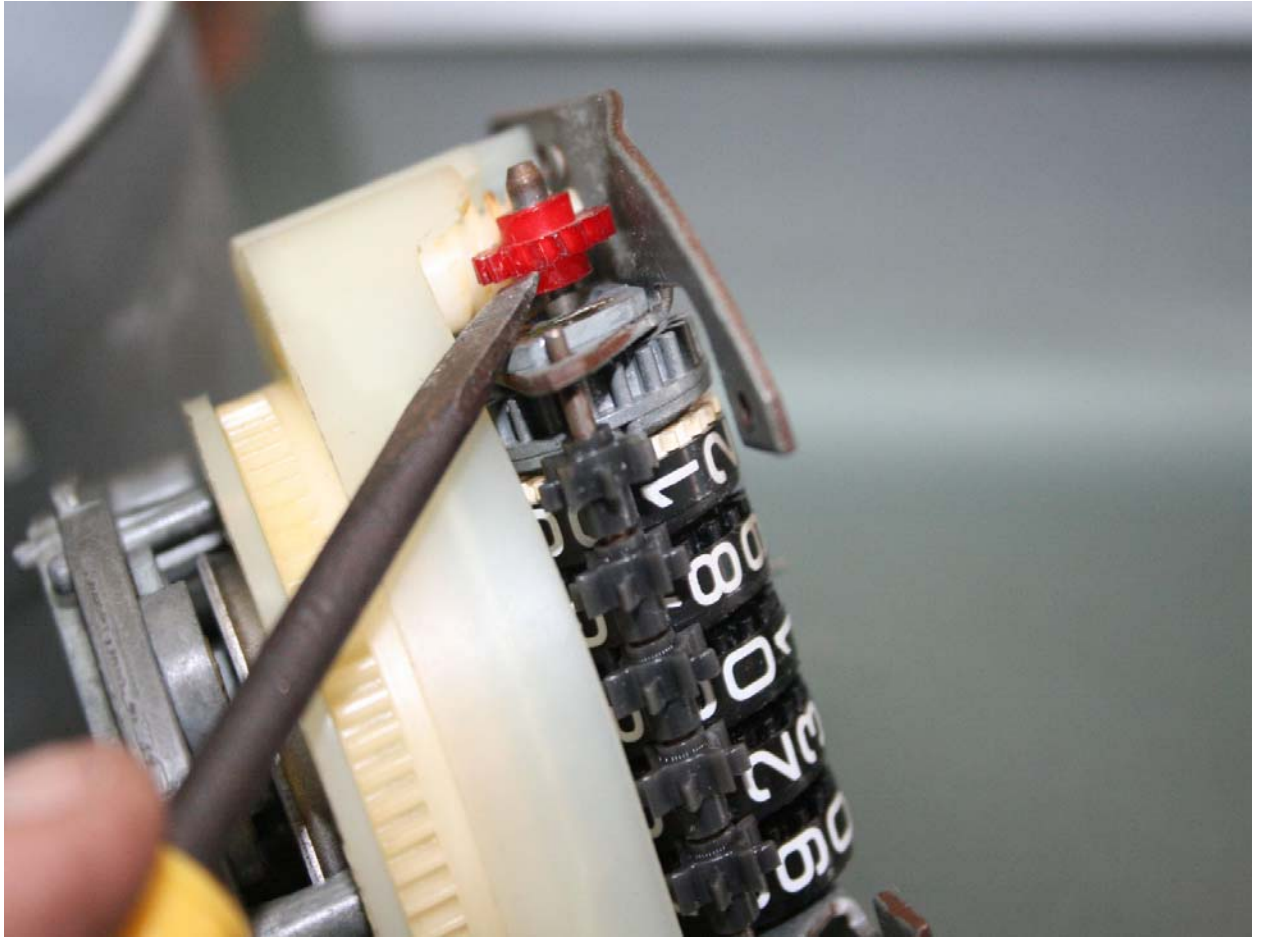


8. Now remove the speedo from the housing .



9. Now turn the speedo in your hand until you get the the red odometer gear.
To remove this gear use a flat head screw driver to pry the gear up the shaft until it is removed.

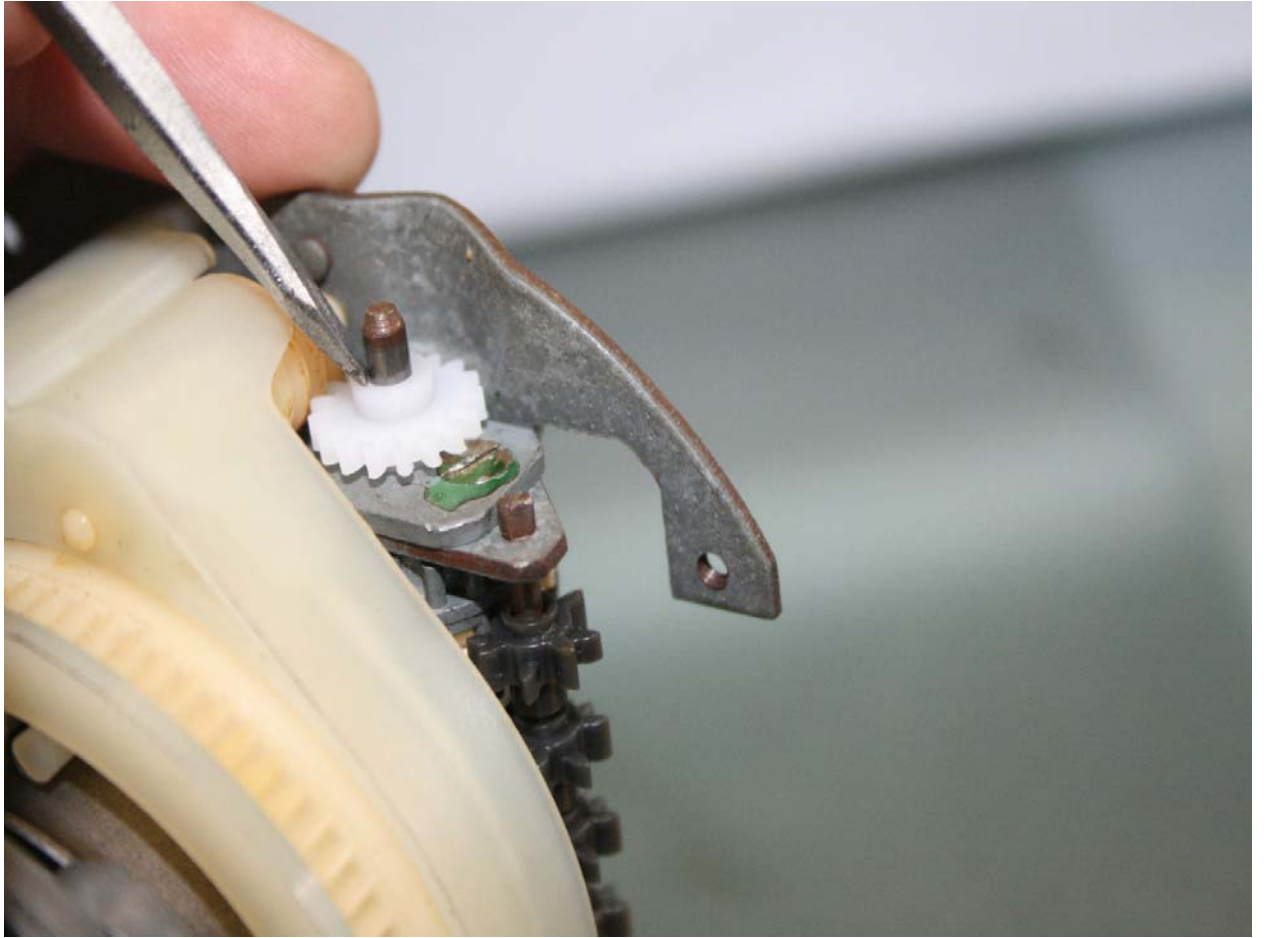


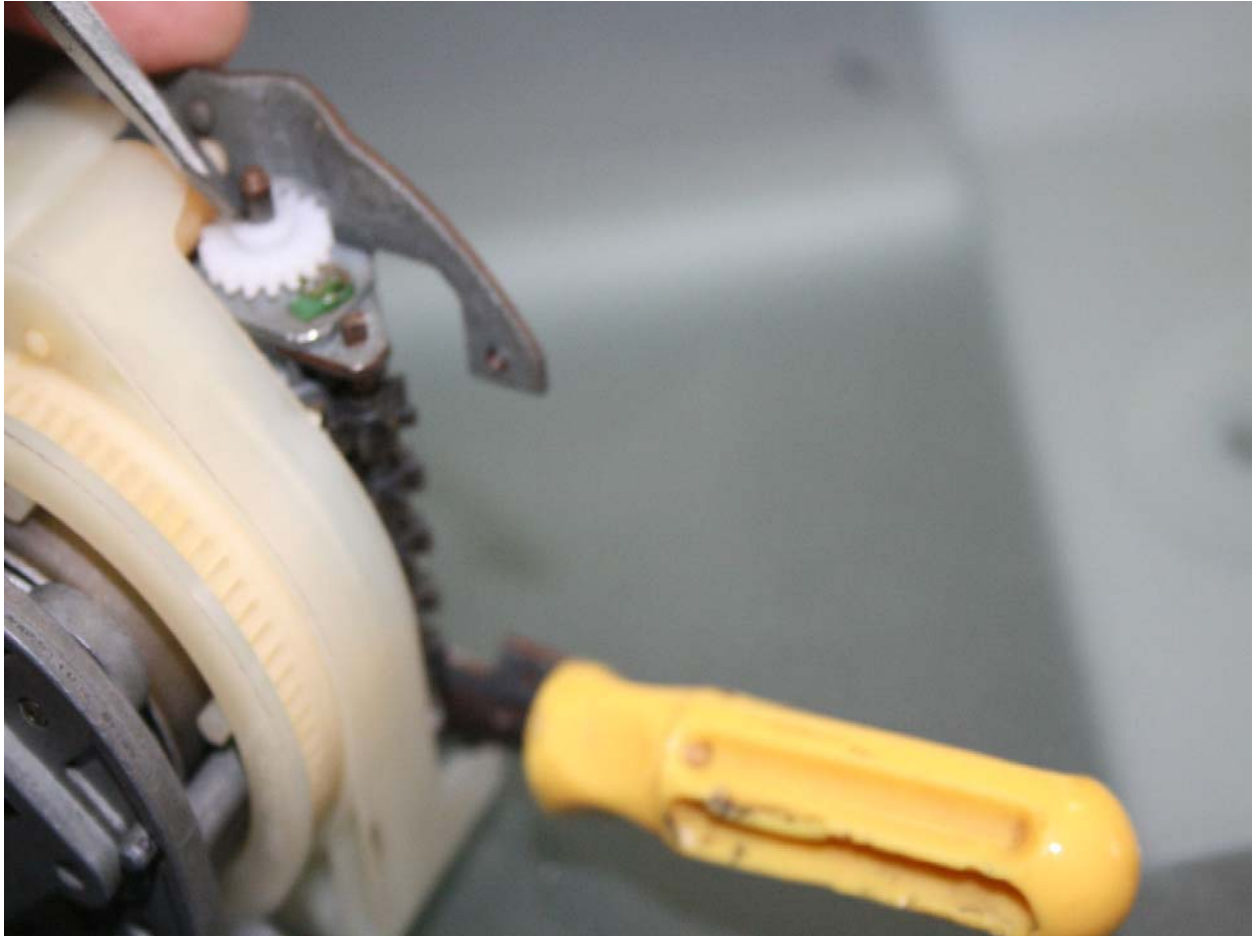




10. Now before you can put the new gear back on the shaft you must wedge a flat head screwdriver on the other side of the odometer gear shaft to prevent it from sliding while you are putting the new gear on. The gear is a very tight fit and it will require some force to push it on the shaft. You can use a screwdriver to push the new gear on the shaft but only apply pressure to the collar of the gear do not apply pressure to the edges or you may damage the gear.







11. Now re-assemble your speedo and put it back in your car.

12. Congratulations you have completed your odometer gear replacement please enjoy your now working odometer.

Disclaimer:

944online provides these instructions as a reference only. We are in no way responsible for any damage that may occur from you using any of our instructions to perform work on your 944 yourself. If you are not 100% comfortable doing repair work on your 944 then we recommend having a mechanic do it for you.



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