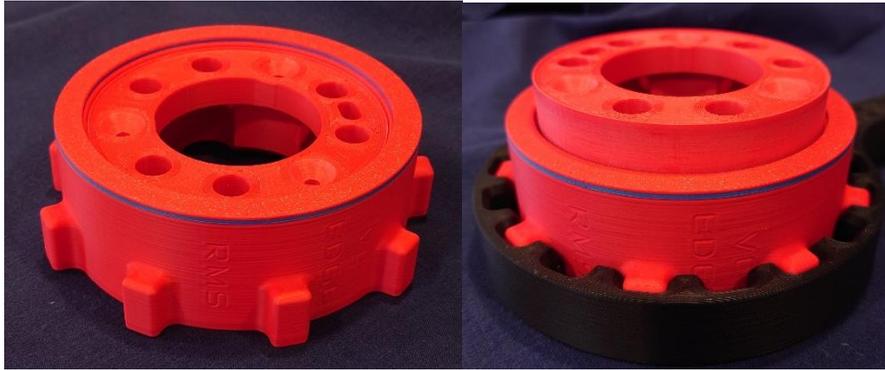


## VC Edge 928/944 Porsche Rear Main Seal (RMS) Installation Tool

Be careful, it is plastic. The leading edge has a very fine lip that can easily be damaged. This lip is to cover the chamfer on the end of the crankshaft and ensures the seal doesn't fold inadvertently releasing the retention spring during installation.

Extend the center section of the RMS tool until it stops as shown below



Properly clean the crankshaft and case with a lint free cloth where seal is to be installed.

Ensure the blue and red/blue washer is installed on tool. This washer has a two fold purpose. First, to allow the tool to turn and push on the washer and not grind on the seal itself. Second, to aid you in determining the depth of the seal installation into the crankcase. The end of the first red section is 1mm depth and the end of the blue section is 2.5mm depth.



Oil the RMS seal and crankshaft as desired and position on tool.



Position the tool on the end of the crankshaft lining up the locating pin on the crankshaft, it will self center on the flange but will require slight rotation to align the holes.



Install six flywheel bolts snugging them up to the crankshaft. This ensures the tool remains flat against the crankshaft, and that the tool does not distort during installation torque. Do not torque or over tighten the flywheel bolts as this could distort or crack the tool. 30-70 in/lbs recommended.

Turn the tool clockwise by hand to begin installing the seal. Continue by hand or using supplied wrench to turn tool clockwise until seal is installed to desired depth.



Different seal manufacturers have different tolerances as to the outside diameter of the seal. The seal should install with normal wrench pressure. Excessive wrench force can damage tool.

Do not use any extension on the wrench. If you cannot install the seal with the included wrench alone then the seal you have may be oversized or there could be some other obstruction.

After the seal is installed to desired depth, remove flywheel bolts, remove tool, retract the center section and store protected for next use.