

Volvo Denso Alternator Rebuild

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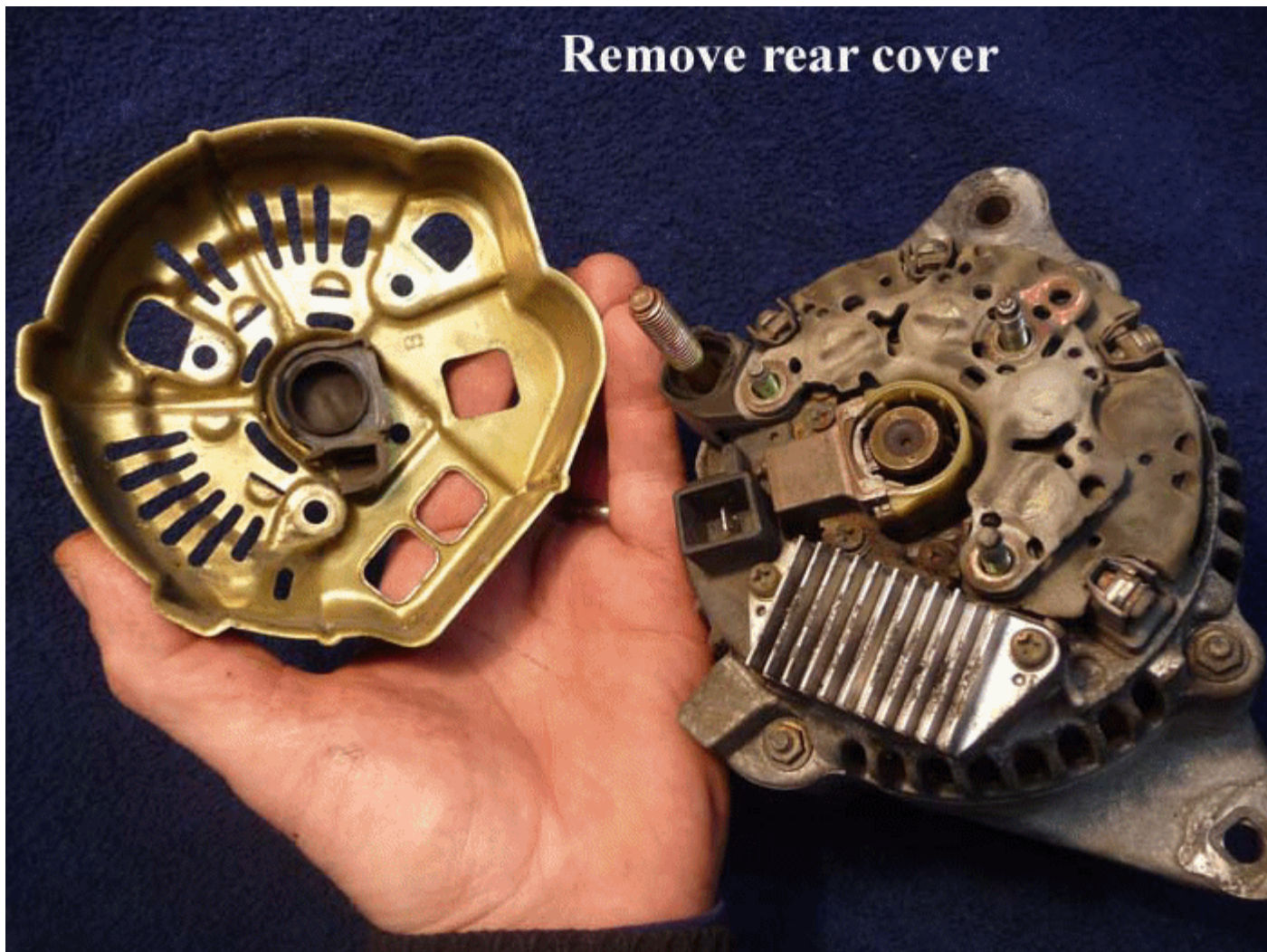
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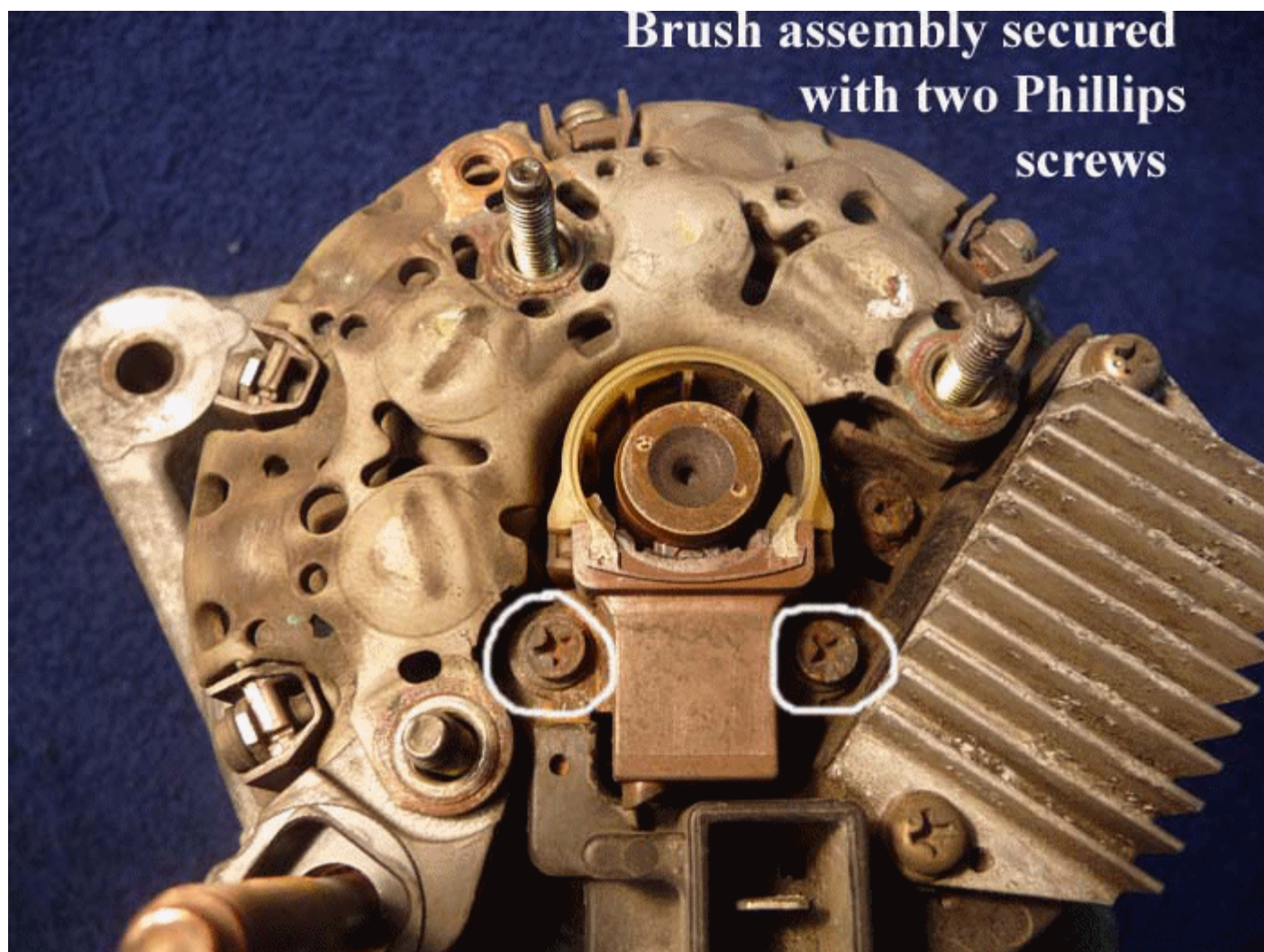
[Text and photos courtesy of Randy Starkie] To replace the brushes in your Denso alternator for later 740 and 940 cars, follow the pictorial instructions below. You will need two brush assemblies. My counter man worked from the Volvo part number for my alternator which was 3544119. The brush set was JN50-52003. A brush set is \$2.45; bare brushes available- 50 for \$9.95. Buy them from [J & N Auto Electric](#), 10995 Canal Rd, Cincinnati, OH 45241. (513) 771-8000



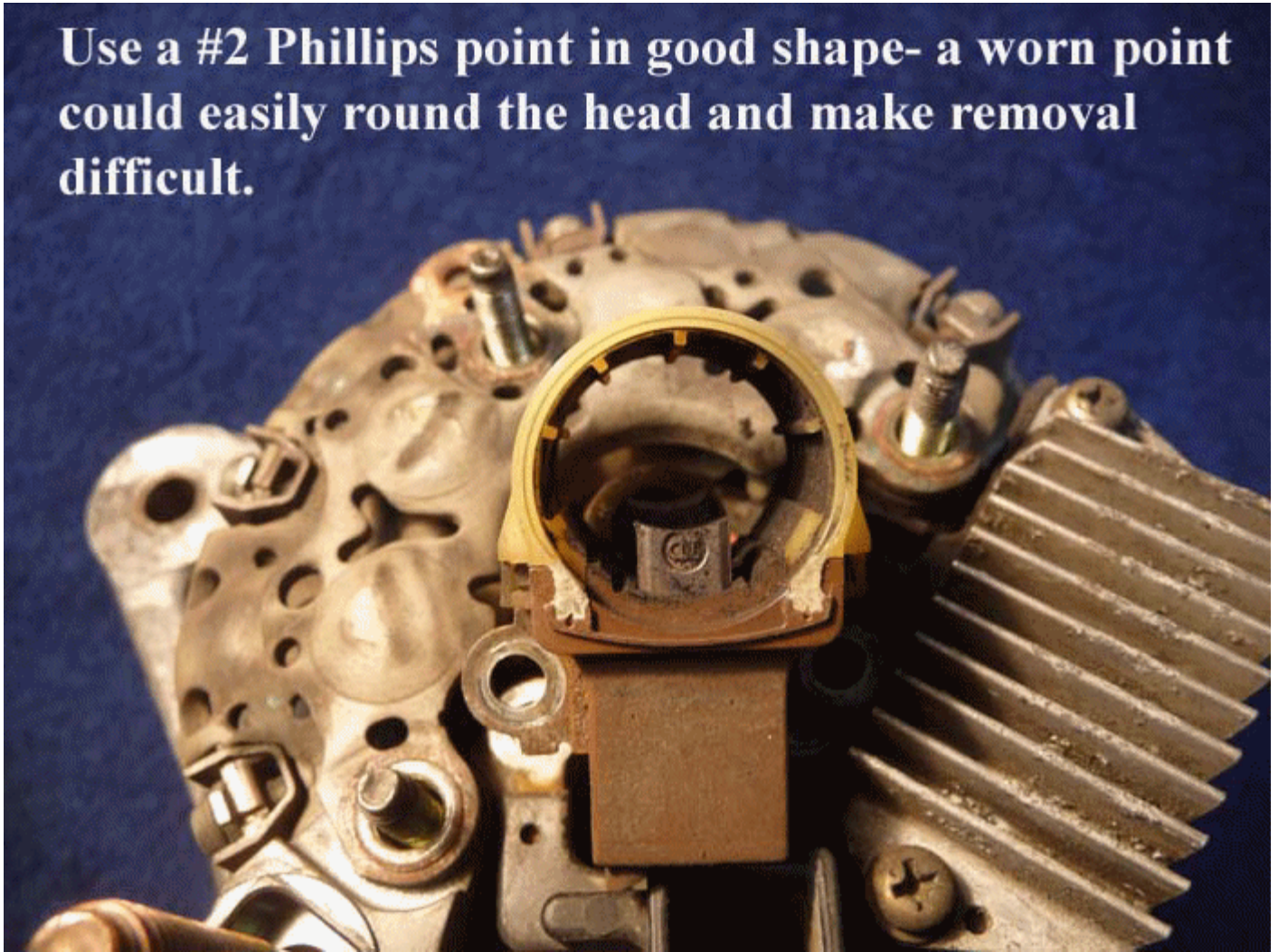


Remove rear cover





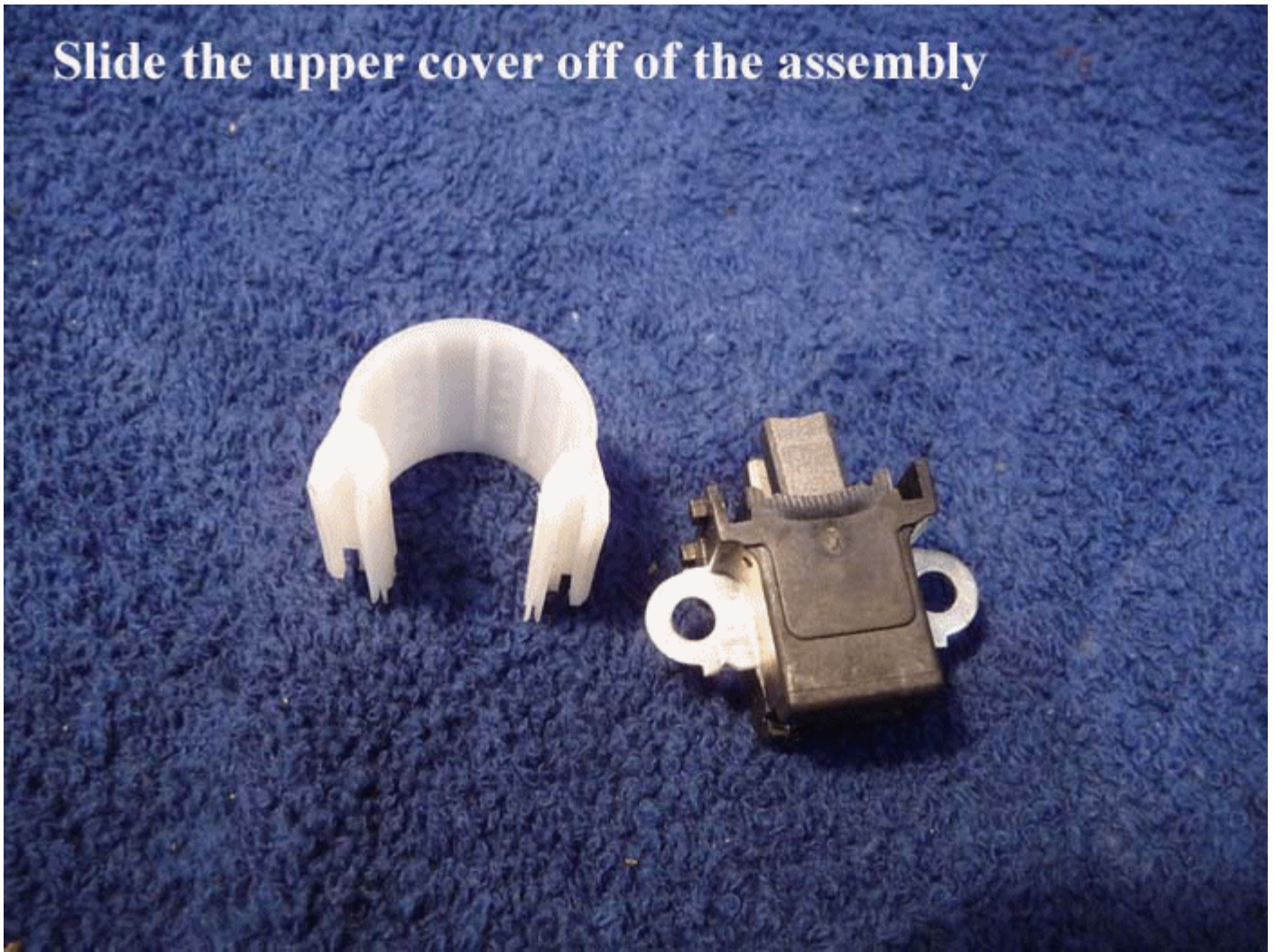
Use a #2 Phillips point in good shape- a worn point could easily round the head and make removal difficult.

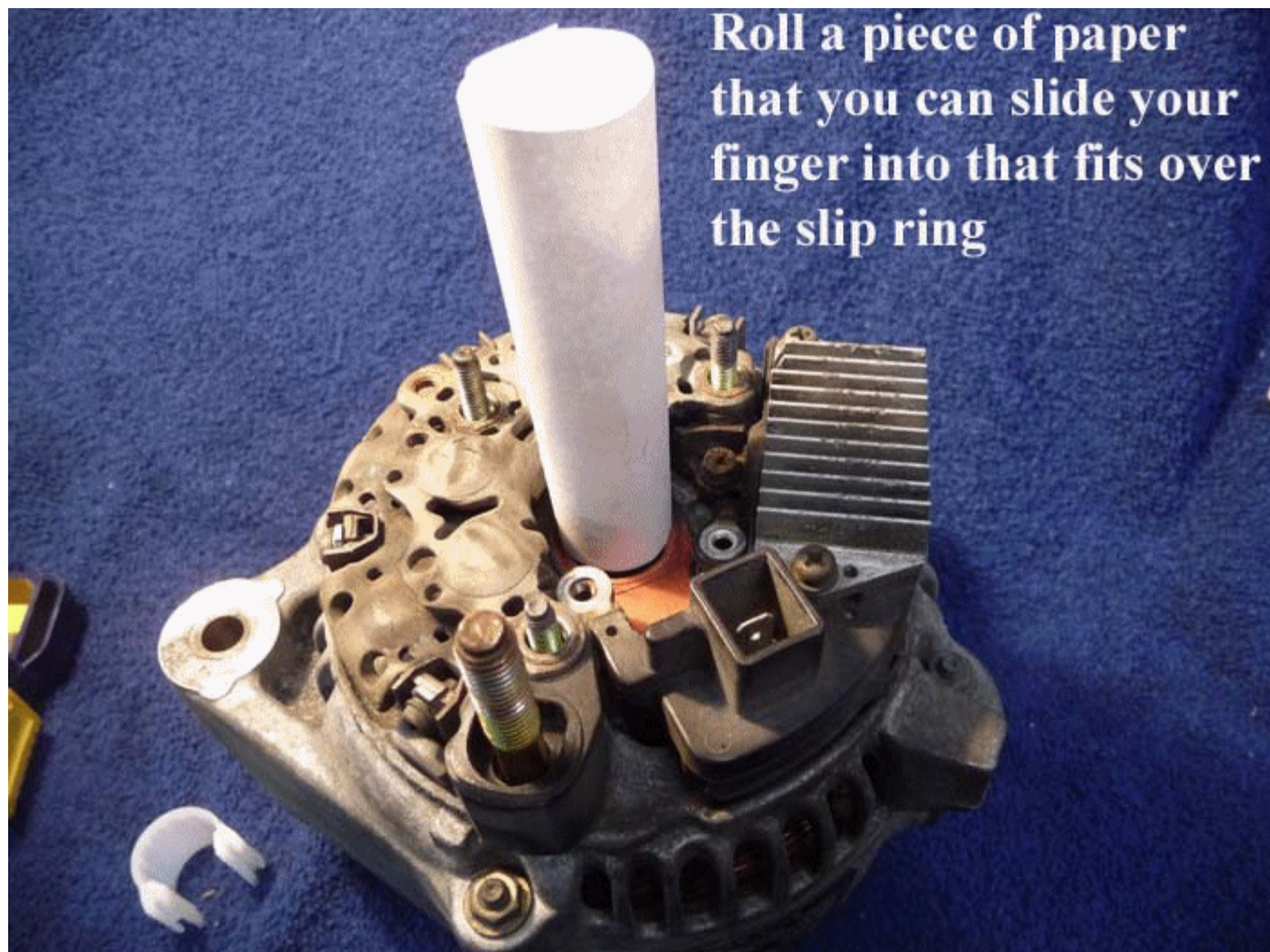


Original brushes showing 50% wear

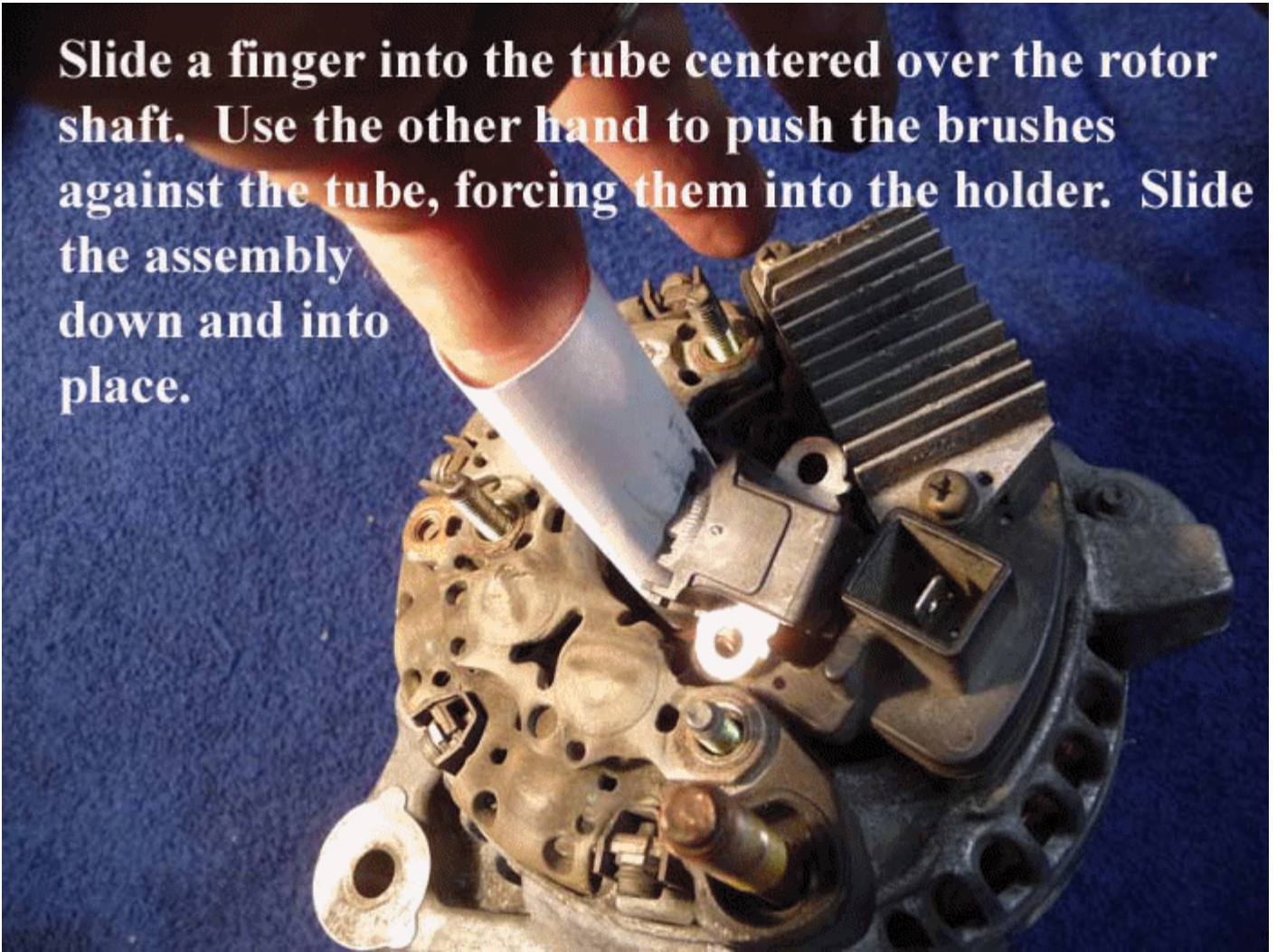


Slide the upper cover off of the assembly

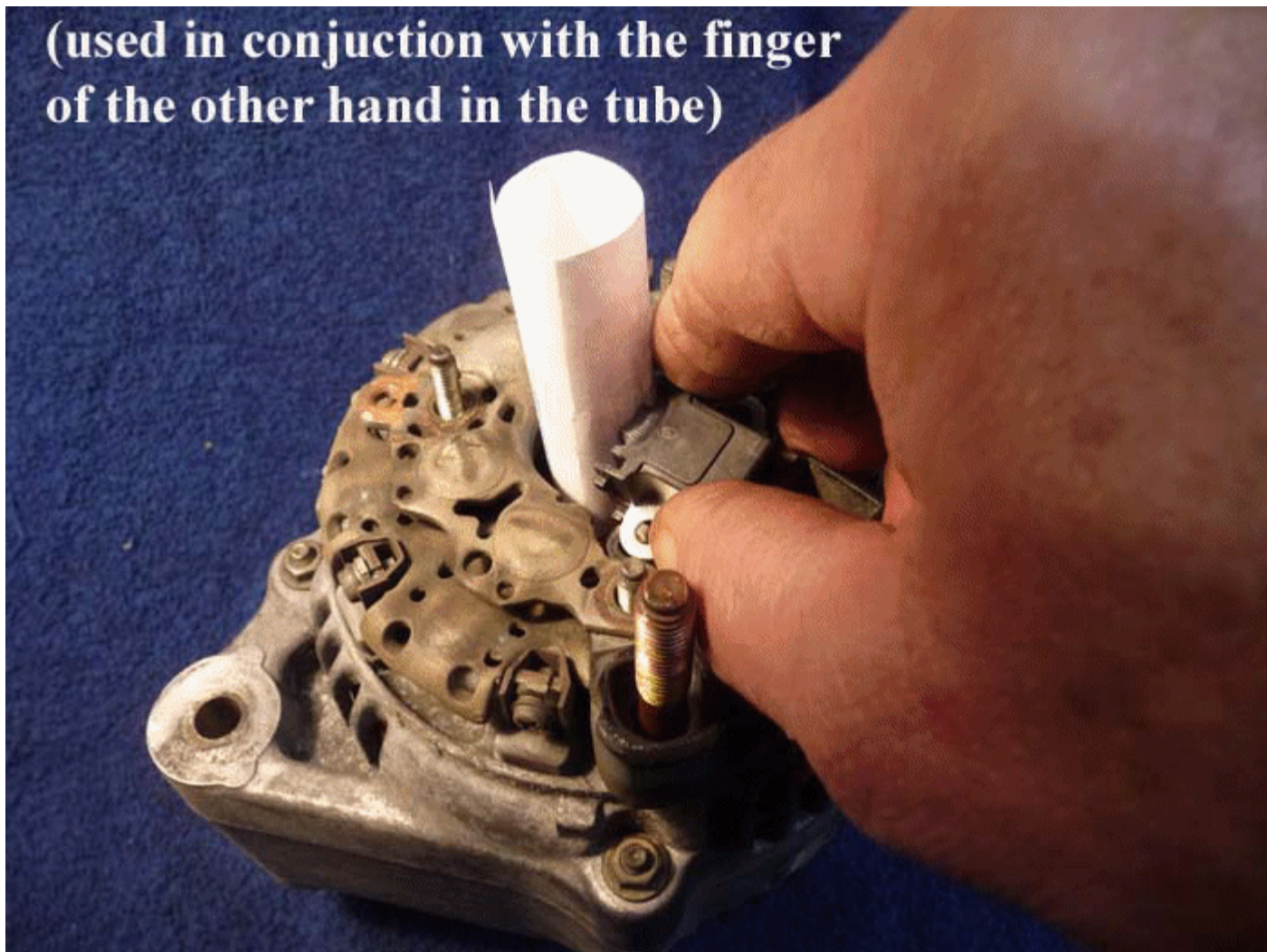




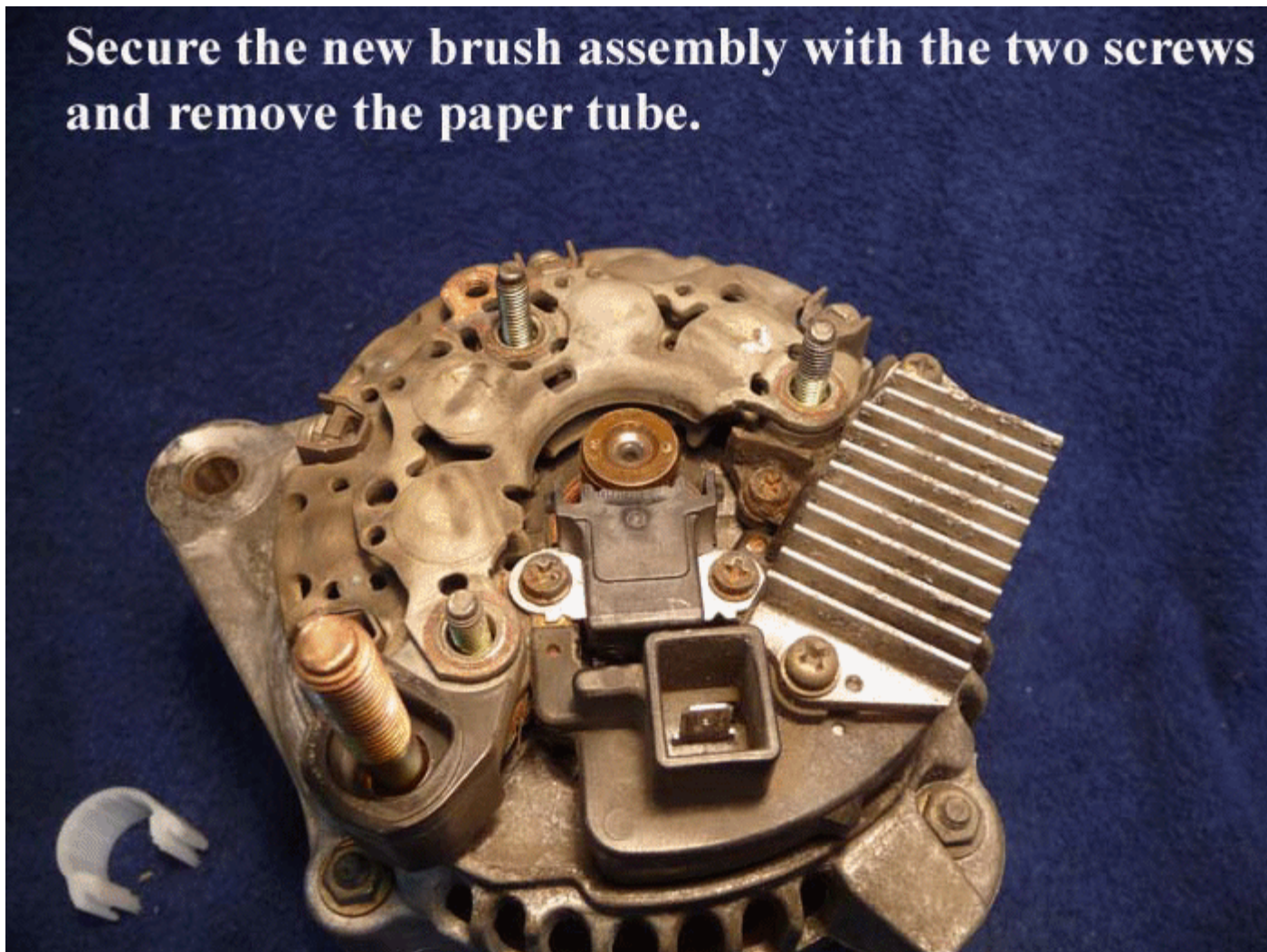
Slide a finger into the tube centered over the rotor shaft. Use the other hand to push the brushes against the tube, forcing them into the holder. Slide the assembly down and into place.



**(used in conjunction with the finger
of the other hand in the tube)**



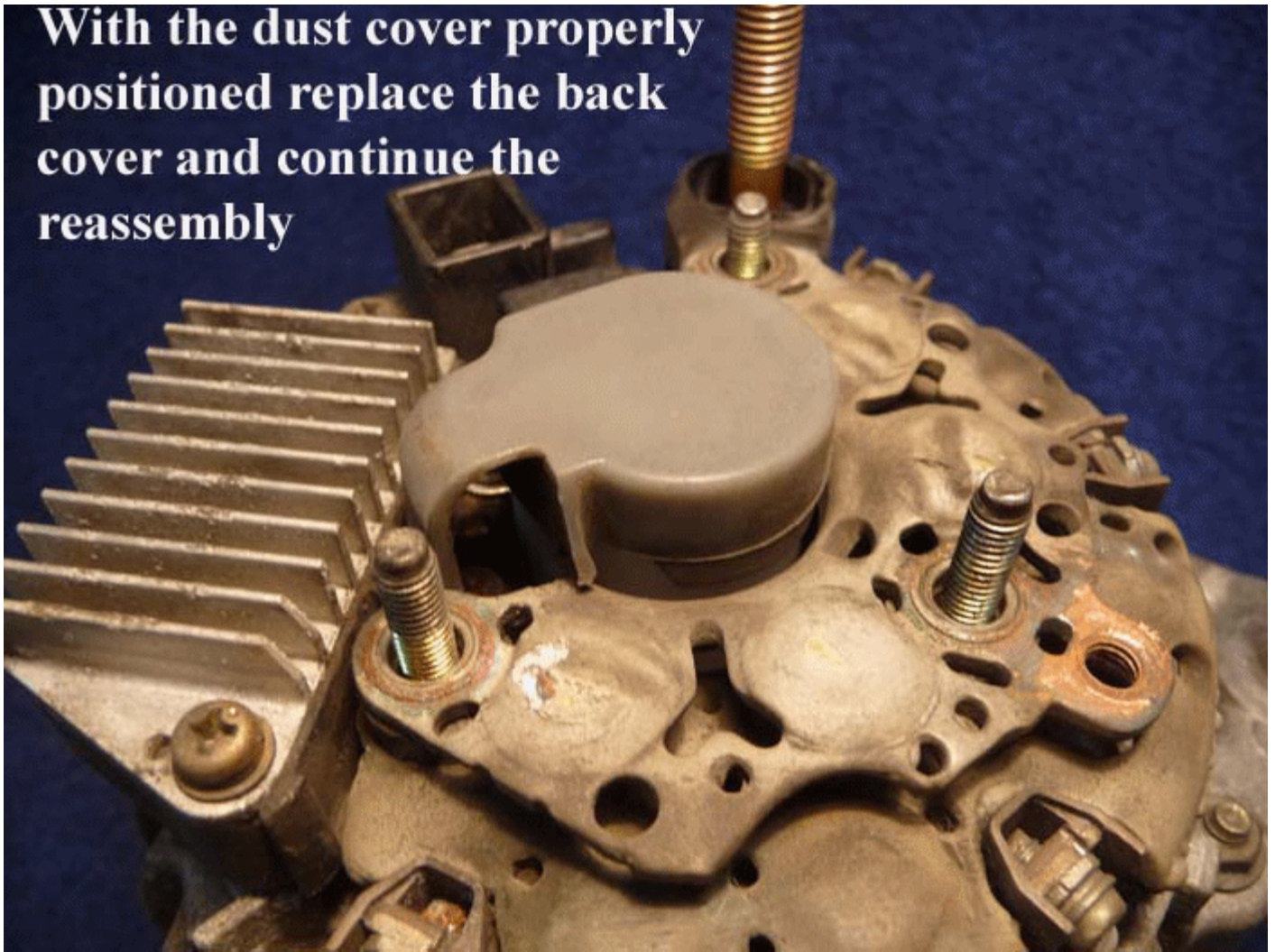
**Secure the new brush assembly with the two screws
and remove the paper tube.**



**Slide the cover on around the slip rings,
and position the dust cover making
sure the edges fit properly on
all sides.**



With the dust cover properly positioned replace the back cover and continue the reassembly



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