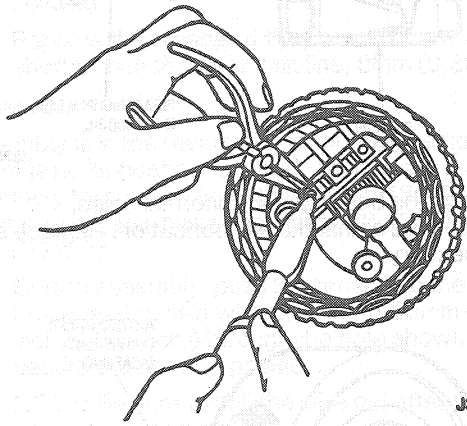


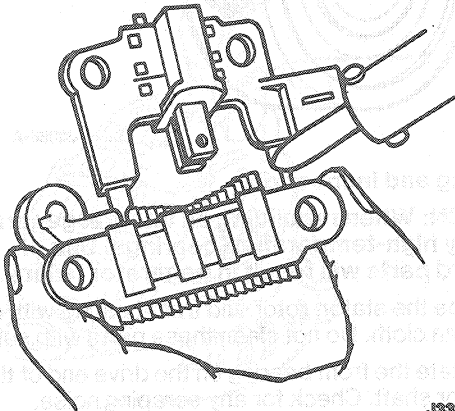
DISASSEMBLY AND ASSEMBLY (Continued)

- 5. Use a soldering iron to remove the solder from the rectifier and the stator lead.  
**CAUTION: Disconnect quickly, use the soldering iron no more than about five seconds, because the rectifier may become damaged if it is overheated.**



J3347-A

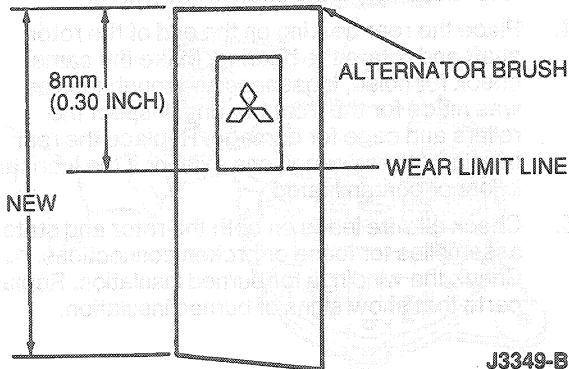
- 6. Use a soldering iron to remove the IC regulator from the rectifier.



J3348-A

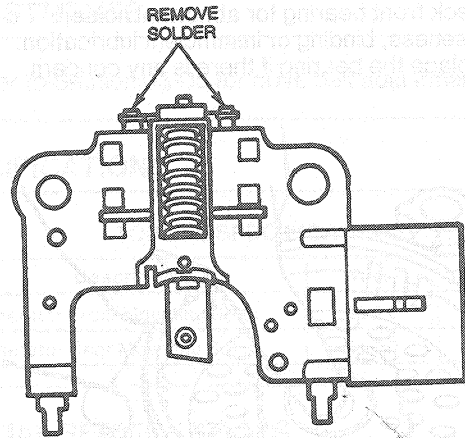
Brush Replacement

- 1. Replace the brushes if they are worn at or near the wear line as shown.



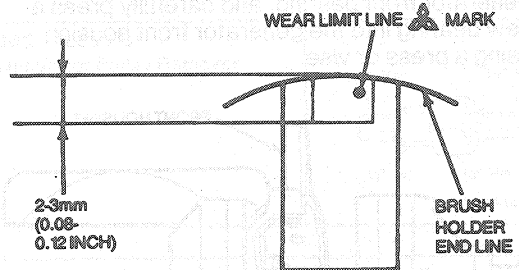
J3349-B

- 2. If it is necessary to replace the brushes, remove the solder from the brush pigtails at the points shown. Remove the brushes.



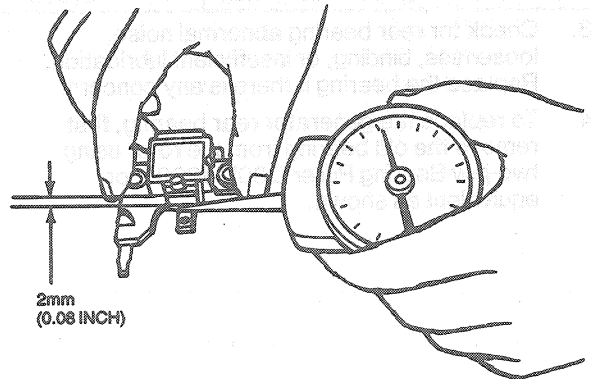
J3350-A

- 3. When soldering the brush, solder the pigtail so that the wear limit line of the brush projects 2 or 3mm (0.08-0.12 inch) out from the end of the brush holder.



J3351-A

- 4. Brush springs may be checked by using a spring pressure gauge to push the brush into the brush holder until the tip of the brush projects 2mm (0.080 inch). Read the force at this time. Replace the spring if the force is less than 2.0N (200g or 7.1 oz). For a new brush the force should be 3 to 4.4N (310-450g or 10.9-15.9 oz).



J3352-A