

J&J Service Instructions

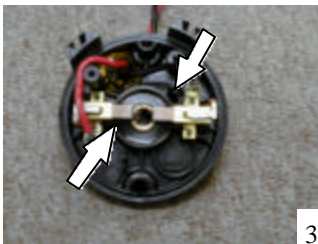
January 5, 2001

Squirt Pump Brush Service

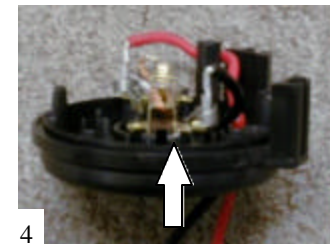
Squirt Pump Brush Servicing Model 2100-797



Begin by removing the Squirt Pump from the motor. Remove the Motor End Cap by removing the 2 end cap bolts (fig 1) then using a small flat head screw driver between the end cap and the motor case lightly pry end cap off the motor case. (fig 2)

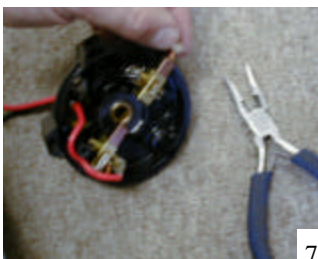
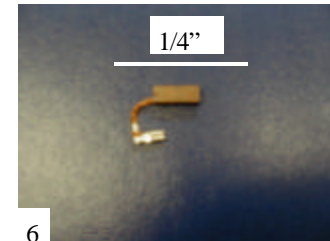


Clean the Brush and cap assembly with electric motor cleaner. (fig 3) To remove the brush first remove female terminal from brush holder. Then using a small flat screw driver or needle nose pliers, move the brush spring down below brush holder and slide brush out the back of the brush holder. (fig 4)



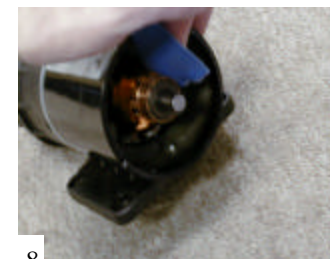
With the Brushes removed clean the entire assembly with an electrical motor cleaner. Measure both Brushes length if either is 1/4 of an inch or less both Brushes should be replaced. (fig 5&6)

** Brush kit part number: 10071 **



Re-install Brushes and connect wire to terminal on Brush holder, lightly spray brushes with *Corrosion Block. (fig 7) Lightly sand Commutator with a fine grade emery cloth (fig 8) do not allow dust from sanding into motor assembly. Wipe out any built up dust before re-assembly.

Corrosion Block P/N 99101



Using the Brush installation tool that comes with the Brush kit to re-install the Brushes. A small screw driver can also be used to push the brushes past the Commutator. Tighten the end cap snug and reinstall.



Web Site: <http://www.jjamusements.com>

If you have any questions please give us a call at (800) 854-3140 or (503) 304-8899.