

# Plating Issues Help Guide

(Brush Plating)

Symptom	Possible Causes	Remedy
Won't plate at all.	<ol style="list-style-type: none"><li>1. Power to unit is off.</li><li>2. Common lead or handle leads are broken.</li><li>3. Surface is non-conductive or not platable with the system you have.</li><li>4. Surface is not correctly activated.</li><li>5. The plating solution is defective or not appropriate for the metal type.</li></ol>	<ol style="list-style-type: none"><li>1. Make sure the power light is on.</li><li>2. Short the common clip to the metal end of each handle. The power lamp should momentarily go off then reset to on. If not, then the common lead, or handle lead is not conducting.</li><li>3. Confirm that the surface is conductive and identify the metal.</li><li>4. Ensure that the activation is appropriate for the metal type.</li><li>5. Try fresh solution and confirm it's appropriate for metal type.</li></ol>
Poor adhesion	<ol style="list-style-type: none"><li>1. Improper cleaning.</li><li>2. Improper activation for metal type.</li></ol>	<ol style="list-style-type: none"><li>1. Follow pretreatment cleaning procedures.</li><li>2. Make sure activation is appropriate for metal type.</li></ol>
Cloudiness in the gold	<ol style="list-style-type: none"><li>1. Inadequate polishing.</li><li>2. Improper chrome removal.</li><li>3. Excessive activation.</li><li>4. Touching the surface after activation.</li></ol>	<ol style="list-style-type: none"><li>1. Polish the surface until the desired quality of finish is achieved.</li><li>2. Strip chrome until all areas "wet out" after rinsing.</li><li>3. Ensure activator solution is clean. Limit activation time to 20 seconds at 7 volts.</li><li>4. Never touch activated surface.</li></ol>