ENGINEERING NOTICE

Date: 3/24/09

Subject: 25-9A26 Powder Bell Cup Assembly / Disassembly / Cleaning Procedures

Tooling:

![Diagram of Powder Bell Cup Disassembly Tool]

Powder Bell Cup Disassembly Tool
EFC PN: TL-9A26
Procedure: Disassembly

1. Unscrew the NUT, counterclockwise, on the disassembly tool (EFC PN: TL-6A26B) until the white PUSHER is protruding approximately ½” beyond the NUT.

2. Insert the disassembly tool (EFC PN: TL-9A26) into the back of the bell cup.
3. Screw, clockwise, the body of the disassembly tool onto the threads of the powder bell cup. The tool will seat against the bell cup shaft.

4. Turn the handle clockwise until the bell cup separates into two pieces.
**Cleaning / Inspection**

1. Using compressed air, carefully blow out any powder within or on the outside of the cup’s two halves.

2. Check the internal paddles of the front section for signs of excessive powder wear and powder impact fusion. Make sure the clipping tabs are free of powder.
3. The front section of the powder bell cup has a wear indicator pin embedded into the one paddle that does not have an h. v. contact pressed into it. Once the black wear indicator pin is exposed, it is time to change the bell cup’s front section.
Assembly

1. Place the bell cup rear section onto a stable flat surface, such as a table top.

2. Line up the front section with the rear section and carefully start the front section clipping tabs into the rear section.

3. Carefully push the Front Section into the Rear Section. The two pieces will “snap” together, leaving approximately a .026” gap.

4. The bell cup is now ready for use.