

# IOWA ENGINEERED PROCESSES

Cascade Deburring and Cleaning Processes

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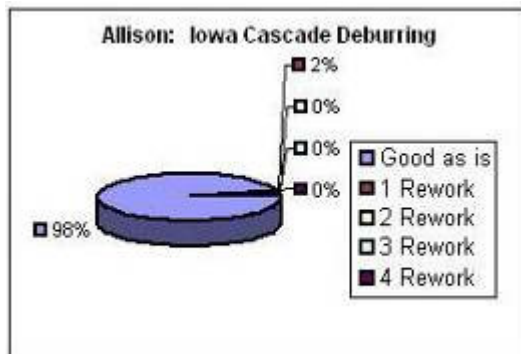
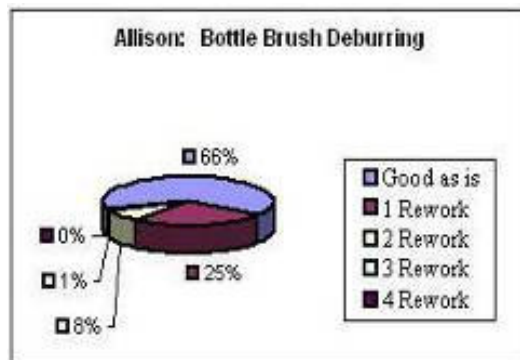
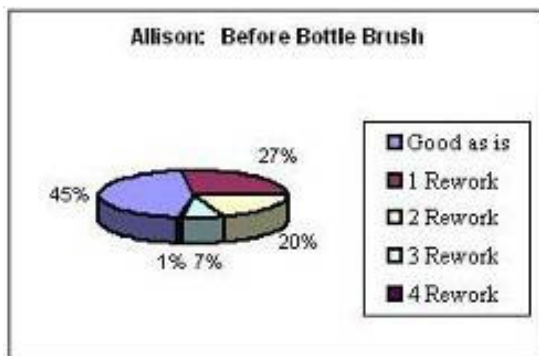


## Iowa Engineered Processes Success Story: *Allison Transmissions*

**Allison Transmissions** is one of the world's leaders in the design, manufacture and sales of automatic transmissions for trucks, buses, off-road and military vehicles. They are in this position because of their willingness to aggressively pursue innovation in the development of new concepts and to progressively address manufacturing issues.

**The Problem:** Allison recognized they had a problem with the cleaning and deburring of transmission control valve housings. Allison was using a multi-staged method for cleaning and deburring parts. Their process consisted of washing and blowout, burnish, burr, and yet another wash and blowout. After this process was completed, there was a 100% part inspection for burrs, dirt and shavings. "Countless hours were spent reclaiming discrepant material."

**The Cascade Solution:** Since 1991, Allison Transmissions has been using the Iowa Engineered Processes', Cascade System to clean and debur transmission control valve housings. Allison now has a 98% "Good As Is" ratio with remaining 2% requiring only "1 rework." Allison's own data, as illustrated in the graphs below, relates the overwhelming positive impact of the Cascade System.



*Can you afford to not look at IEP's Cascade System? Free prototyping can answer your questions. Please contact us to begin the process. "Providing solutions for your needs!"*