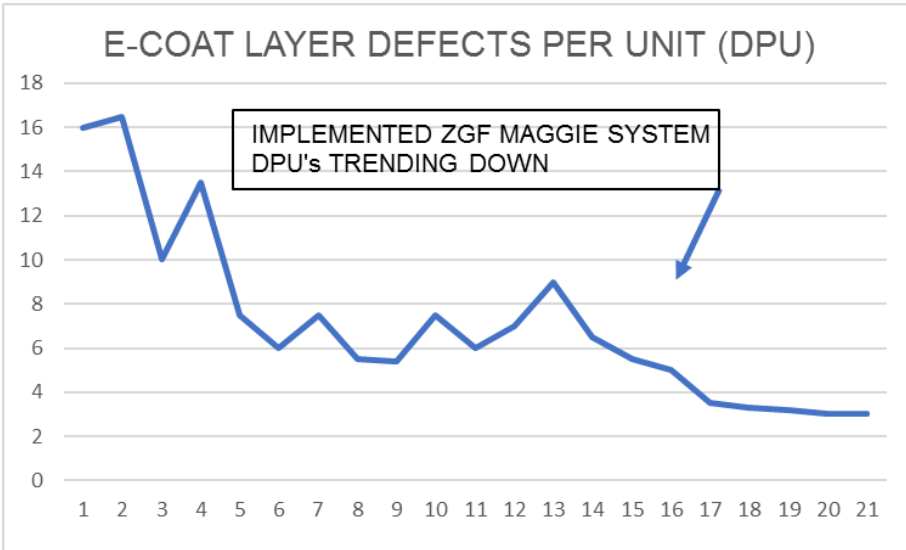


# Automotive OEM Doubles Amount of Weld Balls Removed and Reduces DPU by 50%



## Customer Challenge

The paint shop needed to reduce E-Coat layer defects per unit (DPU). The quality of the paint finish is one of the most critical aspects of the automotive manufacturing process. Finish quality and long-term corrosion protection impact JD Power ratings, warranty claims, and ultimately vehicle sales.

- Average DPU: 6
- Weld Balls represent 80% of defects

## ZGF Solution

A 1,000 gpm ZGF Maggie system was implemented in Pretreatment Stage #2



## Results

- ❖ Doubled Amount of Weld Balls Removed
- ❖ 50% Reduction in Defects per Vehicle and continuing to trend down
- ❖ Reduced Labor and Maintenance
- ❖ Reduced Total Operating Costs
- ❖ Improved Process Reliability & Quality

