

AUTOMOTIVE APPLICATION
SPARK PLUG WIRE CLIP SORTER BOWL

This application was designed to sort parts that are out of tolerance from the parts that are within tolerance. This had to be done prior to the next step in the assembly process to reduce machine faults.

SPECIFICATIONS:

Rate: 700ppm

Tolerances: Part 1 .185 / .176
Part 2 .190 / .180
Part 3 .195 / .185

RESULTS:

Rates that averaged 800ppm and rejected parts exited bowl to reject bin.

OVER TOLERANCE WITHIN TOLERANCE UNDER TOLERANCE



CLIP LOCATION IN ASSEMBLY



PERFORMANCE FEEDERS, INC.



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