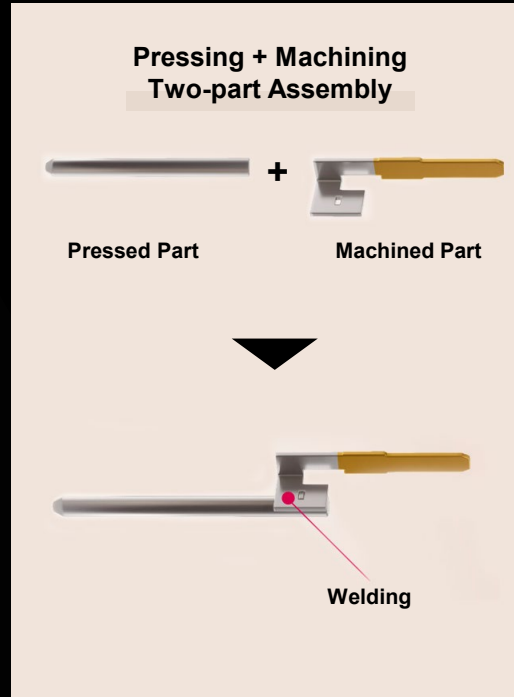


CASE4. Quality Improvement

- Former two-part assembly consolidated to produce one simplified, quality part

BEFORE (Original Design)



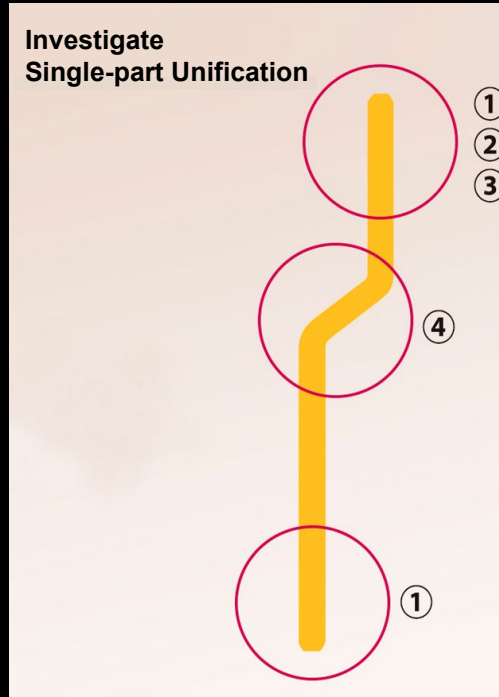
This part was originally designed as a welded two-part assembly, which led to lead-time and durability problems.



User Needs

I want to improve the part's accuracy !

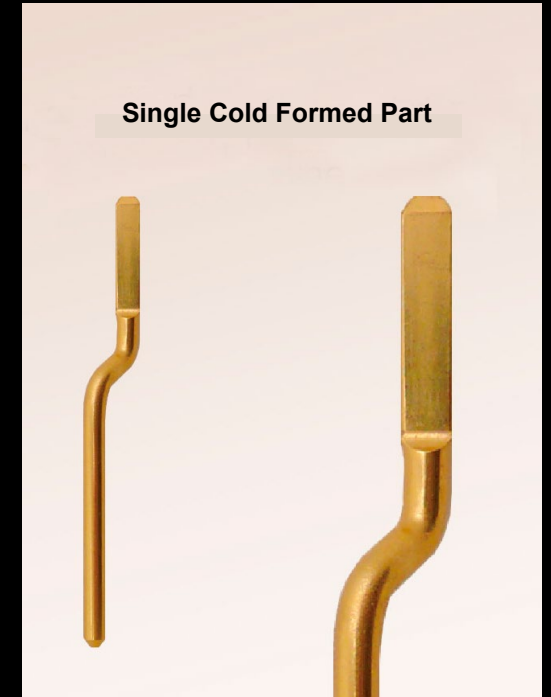
VAE PROPOSAL



Create a single cold formed part, and integrate the entire production process to be in-house.

- ① Chamfering
- ② Flattening
- ③ Trimming
- ④ Bending

AFTER (Results)



Lead-time :

60% Reduction

Endurance :

5x stronger part