**Technical Information Sheet**

**Technical Title**

Arm Assembly

**Describe Technical Detail**

Arm Sub assembly - Office Chair: Provides detented width adjustment and trigger-activated height adjustment, meets BIFMA (Business and Industrial Furniture Manufacturers Association) standards for strength, durability and ergonomics.

- First pieces from the production tooling did not meet standards for strength.
- Arm Assembly cost was above price targets
- Number of components = 24
- Arm was very difficult to assemble

**Benefits**

- Redesigned (7) components for ease of manufacturing and increased strength (additional design and tooling investment of 11%)
- Requoted purchased parts at local suppliers for a 12% savings
- Overall Assembly cost reduced by 14.7%
- Number of components reduced by (2) down to 22
- At Product Launch the assembly passed all of the original strength tests