

APPLICATION

Automotive OEM Interior Console

This complex hinge assembly demonstrates ER Wagner Manufacturing Company's engineering and manufacturing capabilities. This Multi-linkage hinge is designed for an automotive OEM to allow a cupholder to rotate out and away from center console – similar to high end cabinet hinges. The spring and cam provides a detent and break-away feature.

Solid modeling, Finite Element Analysis (FEA) and design engineering capabilities has allowed ER Wagner to help customers design hundreds of custom stampings and assemblies that meet and exceed their expectations.

Engineered Hinge

Linkage With Detent

Manufacturing tools and equipment utilized:

- 3 Progressive Stamping Dies
- 200 Ton Press
- Certified Attribute Gages
- Dedicated, Semi Automated Assembly Fixture



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