

## APPLICATION

Automotive  
OEM interior console

This complex hinge assembly demonstrates ER Wagner Manufacturing Company's engineering and manufacturing capabilities. This hinge design was for an automotive OEM console, that had complex environment constraints to design within.

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

*Stamped Assembly with  
doublewound spring*

### **Manufacturing tools and equipment utilized:**

- Three Progressive Stamping Dies
- 200 Ton Press
- Certified Attribute Gages
- Assembly Fixtures



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**E.R.Wagner**  
HINGES & STAMPINGS Manufacturing Co.