

## APPLICATION

Appliance  
OEM Freezer Door

This complex hinge assembly demonstrates ER Wagner Manufacturing Company's engineering and manufacturing capabilities. This assembly is used to counterbalance heavy freezer door lids for safe use for the consumer.

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

*With Counterbalance Compression Spring*



**Manufacturing tools and equipment utilized:**

- Two Progressive Stamping Dies
- 200/300 Ton Press
- Certified Attribute Gages
- Assembly Fixtures for multiple hinge configurations

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