

## APPLICATION

Heavy Truck  
OEM Cab Door

This complex hinge assembly demonstrates ER Wagner Manufacturing Company's engineering and manufacturing capabilities. This large stamped assembly includes PTFE backed bushings for smooth operation. This design includes robotically welding the end knuckles to increase strength of hinge.

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 PTFE metal backed bushings*



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

- Two Progressive Stamping Dies
- 400 Ton Press
- Certified Attribute Gages
- Dedicated, Semi Automated Assembly Fixture
- Robotic Weld fixtures

800.558.5596 - [www.erwagner.com](http://www.erwagner.com)

4611 North 32nd Street - Milwaukee, WI 53209-6023

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