

## APPLICATION

Heavy Truck  
OEM Cab Door

This heavy gauge hinge line assembly demonstrates ER Wagner Manufacturing Company's in engineering and manufacturing heavy gauge continuous hinges. 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

*Heavy gage continuous hinge*



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

- Continuous Hinge Line Work Cell
- Automated Transfer System For Secondary Form/Pierce Operation
- Robotic Weld Fixtures
- Certified Attribute Gages

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**E.R. Wagner**  
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