



EFC and our world class manufacturers are constantly searching for opportunities to make existing components better through the use of innovative materials, manufacturing processes and design approaches. The result has been a steady stream of product innovations – like this passenger door striker, which uses a pinned, one-piece design to reduce weight, cost and complexity while increasing function.

The redesigned cargo hook tie down uses high-strength steel and an innovative design approach to help our OEM customers reduce cost and weight, without sacrificing function.

Features:

- ◆ **Reduced Weight:** Ultra high-strength, high-carbon steel construction (SAE 1050) and fewer components reduce weight by 53%, while still surpassing all load requirements.
- ◆ **Finish:** Customers had experienced a squeaking condition with the existing design. A finish combination was redeveloped that resolved this issue resulting in lower warranty costs.
- ◆ **Strength:** Single-piece deep drawn stamping technology and ultra high-strength exceed design expectations.
- ◆ **Reduced Cost:** The reduction in material utilized results in significant savings to our customers. The pinned single-piece design reduces manufacturing costs and simplifies the assembly process, which contributes additional labor cost savings.

Technical Specifications

Material: SAE 1050

Heat Treat: Austemper

Finish: Per Customer Specifications

Current Weight: 4.5 ounces

New Weight: 2.3 ounces

Current Yield: 65 KSI

New Yield: 190 KSI

Current Tensile: 80 KSI

New Tensile: 224 KSI