



# **PART# 5 (005)**

## **Cadillac CT6 Strut Mount**

**COMPETITION WINNER OF:** Automotive Division Innovative Awards Gala –  
Chassis/Hardware Category Winner

**SUBMITTED BY:** General Motors

**PROCESSOR:** ContiTech North America, Inc.

**DESIGNER:** ContiTech North America, Inc.

**MOLDMAKER:** ContiTech Vibration Control

### **OVERVIEW:**

This is the first use of a glass-reinforced PA material, BASF Corp. Ultramid A3WG10CR PA66 GF 50, for strut-mount housings on all 4 corners of a vehicle and the first application of polyamide housings on the front and rear suspension systems. The injection molded parts integrate common components for both front and rear mounts, and employ a special thread assembly method with a locking feature. They reduce mass 30% vs. typical steel and aluminum parts and reduce noise transmission through the suspension system. Thanks to modular assembly, the design also offers greater tuning flexibility.