

# Body Interior



## Plastic Post Isolation for HVAC Blower Motors

*OEM/Vehicle*

**2010MY General Motors Co.:  
Chevrolet® Camaro® Sports Car**

*System Supplier*

**Delphi Corp.**

*Material Processor*

**Delphi Corp.**

*Material Supplier*

**Spartech Polycom**

*Resin*

**F5134T2-4 20% Talc-Filled PP**

*Tooling/Equipment Supplier*

**NARA**



Use an integrally molded plastic mount instead of multiple rubber isolators softens and quiets HVAC fan motor vibrations, resulting in significant reductions in cost and development time and a quieter vehicle interior for consumers. A resonant frequency "tuning" feature was developed to allow for noise/vibration/harshness (NVH) optimization even late into the vehicle-development cycle with minimum impact on mold tooling. Now bare motors can be purchased, allowing more motors to be shipped per container, and a quick snap-fit joins the plastic mount to motor, facilitating assembly