

# Process, Assembly & Enabling Technologies



## Radio Case with Insert-Molded EMC Shielding



This application features an innovative, patented method of embedding EMC shielding into an environmentally friendly plastic case, enabling significant reduction in weight and assembly time. A metallic-mesh Faraday cage is insert molded into the reprocessed, 16%-glass-reinforced PC/ABS material. The case is greener and enables the use of slide lock & snap lock design features that speed assembly while eliminating the previous sheet-metal case and 29 screws. The resulting unit provides significant weight reduction, assembly cost & time savings, with improved physical and EMC shielding.

### *OEM/Vehicles*

**2009.5MY General Motors Co.:  
Chevrolet® Tahoe® / GMT900  
Family**

### *System Supplier*

**Delphi E&S**

### *Material Processor*

**Delphi E&S**

### *Material Supplier*

**MRC**

### *Resin*

**Naxaloy® 770GF16 PC/ABS**

### *Tooling/Equipment Supplier*

**Amity Molding**