

Chassis & Hardware



Door-Glass Bond-On Bracket

OEM/Vehicle

**2010MY Ford Motor Co.: Ford®
Taurus® Sedan**

System Supplier

Vitro Engineering

Material Processor

Vitro Engineering

Material Supplier

SABIC Innovative Plastics

Resin

Valox® PBT



The door-glass bond-on brackets with integral leaf springs are an industry first replacing steel with plastics and accommodating the compound curvature of the side-door glass. Plastic brackets provide adequate deflection for glass movement in 6° of freedom, yet are sufficiently stiff to prevent slippage of glass inside the track during operation. This application provided a 50% weight reduction and 30% cost reduction vs. steel and provides quieter operation of glass.