



Process/Assembly/Enabling Technologies

Dual Gas Assist Injection Molding

OEM/Vehicle

Ford Motor Company
2018 Lincoln Navigator

System Supplier

Faurecia Interior Systems

Material Processor

Faurecia Interior Systems

Material Supplier

Trinseo

Resin

MAGNUM 3325 MT ABS

Tooling/Equipment Supplier

Roush Tooling



An industry first dual gas assist injection molding process was used to produce this door trim panel with improved stiffness, tactility and feel where two map pockets interface. By integrating two individual gas channels into one-part tooling and assembly complexity was reduced, resulting in less labor and maintenance costs. A direct cost savings of \$6 and a weight savings of 800 grams was achieved.