



## Body Interior

# Integrated Modular Pelvic Bolster

### *OEM/Vehicle*

Ford Motor Company  
2018 Lincoln Navigator

### *System Supplier*

Faurecia Interior Systems

### *Material Processor*

Faurecia Interior Systems

### *Material Supplier*

LyondellBasell

### *Resin*

Profax SG702 PP

### *Tooling/Equipment Supplier*

Roush Tooling



This application combines 2 unique side impact bolster designs to meet the requirements for 5<sup>th</sup> and 50<sup>th</sup> percentile occupants. Integrating them into the map pocket resulted in tooling cost savings estimated at \$100K. There was an additional \$100K indirect savings in testing time and \$8 per vehicle cost avoidance if add on bolsters were used. An approximate 105 weight savings was achieved. Modular features were added to improve performance, by increasing flexibility of design, and reduce use of multiple bolster parts.