The Alcoa Micromill™ is the fastest aluminum casting and rolling system worldwide, producing the most advanced aluminum sheet on the market. This disruptive technology turns molten metal to rolled coil in 20 minutes—a process that takes traditional rolling mills approximately 20 days. The Micromill enables Ford to replace many traditionally steel components with lighter weight aluminum alternatives.

Category: Module

Application: 2016 Ford F-150

Weight Savings: 30-50% lighter than parts made with steel

Methodology: Material Replacement