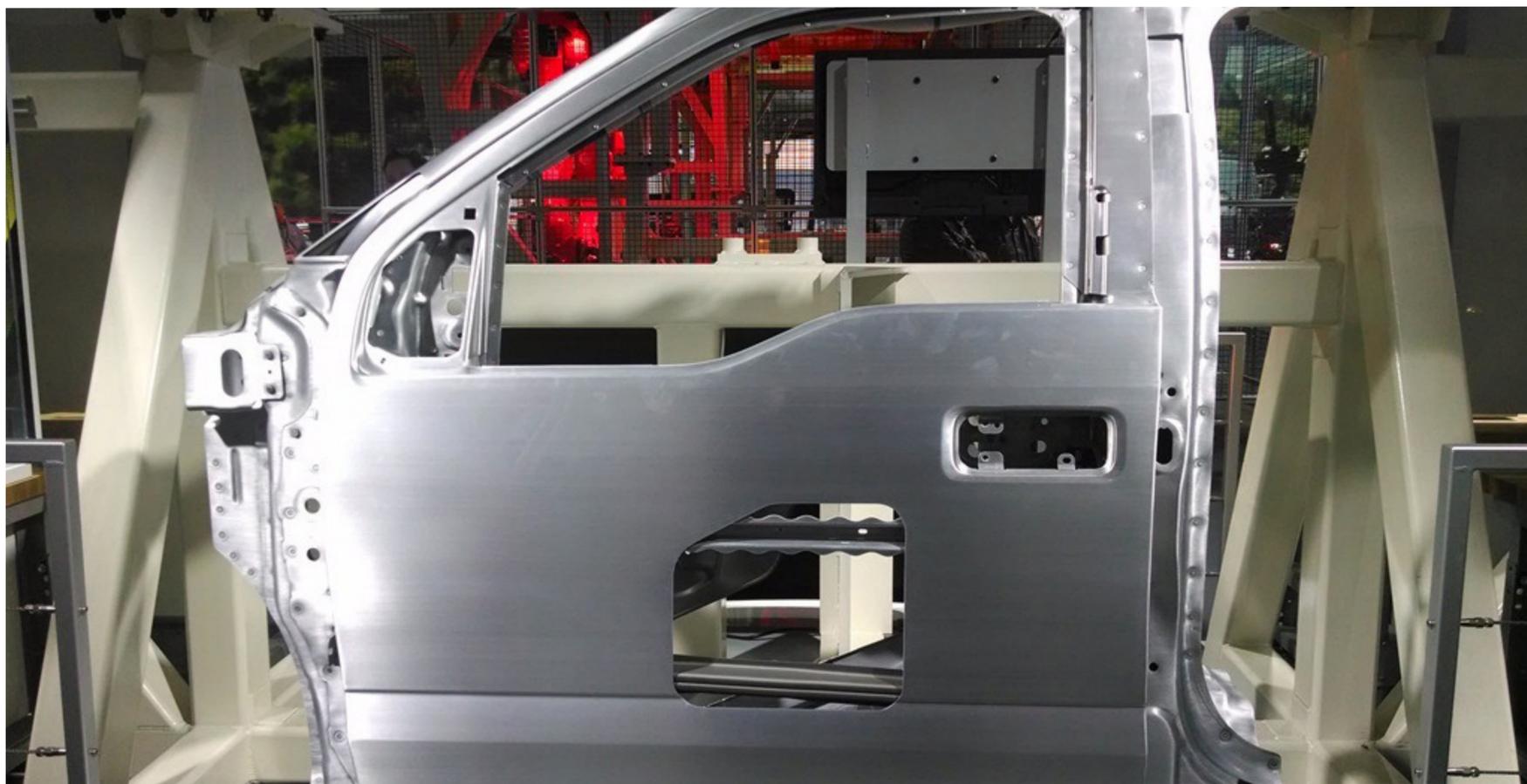


2016 Enlighten Award Nominee



Novelis Novelis Aluminum Sheet

Novelis
Not just aluminum, Novelis Aluminum.™

Novelis aluminum allowed Ford to save weight from its F-Series Super Duty Truck. By using Novelis aluminum alloys in the bed of the truck and for the body panels, Ford saved significant weight over the previous version of the vehicle, which primarily used steel for these components. The most significant factor in achieving weight savings is making the shift from steel to much lighter aluminum sheet to build body panels and the bed. This required a unique aluminum alloy solution that would prove to be of military-grade but also could be highly formable in the manufacturing, stamping and joining processes.

Category:
Module

Application:
2017 Ford F-Series Super Duty Truck

Weight Savings:
350lbs when compared
to steel

Methodology:
Material Replacement