

# Casting of the Year. Produced with Rheocasting



## Background

*The jury of NADCA has chosen the Rivian door frame bracket to the casting of the year. This is a great achievement of the team behind the development of this part at Rivian and Dyna Tool Inc.*

*The components has gained some key benefits from Rheocasting as: double flow length versus traditional HPDC, -40% smaller DC machine size (1650 ton used in this case) and a very low porosity to enable welding, among other things.*

## About Dyna Tool

Dyna Tool Inc is a Canadian foundry working with technically advanced components. In 2018 Dyna Tool invested in a production cell with Rheocasting and are currently expanding the capacity with more units to meet the market interest of components with high property levels.

## About Rheocasting

Rheocasting is a semi solid process that delivers melts with high solid fraction to a low cost. The process is in roll out and is used on three continents with a growing number of installations. Typical components made with the process are: leak free components, heat sinks and other thermal management parts, high strength T6 treated components and structural thin wall parts.

## About Comptech Rheocasting AB

The company develops, produces and delivers equipment and know how to the foundry industry and also supports designers as OEM's. R&D is a vital role and together with leading R&D institutes we develop alloys with high requirements and alloys with very low CO2 footprint. The main office is in Sweden with offices in Canada and China and with distributors in other countries.

### Further information:

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