

Car Body Frame Integration DOOR-RING

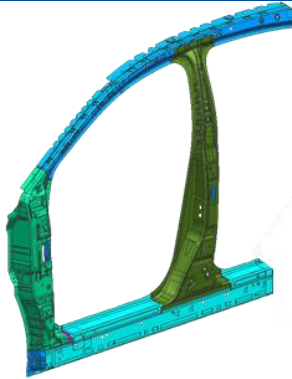
□ Production
■ Prototype
□ Development



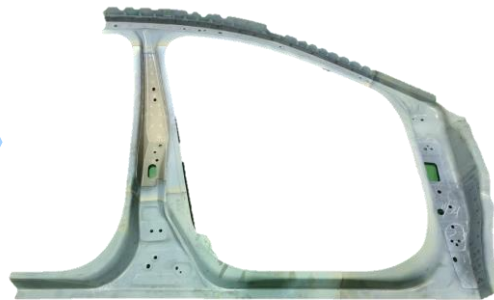
■ Product Features

- Car body frame parts made up of multiple components are hot-stamped into one piece, contributing to weight reduction and cost down.

Conventional structure
(10 parts * R/L)

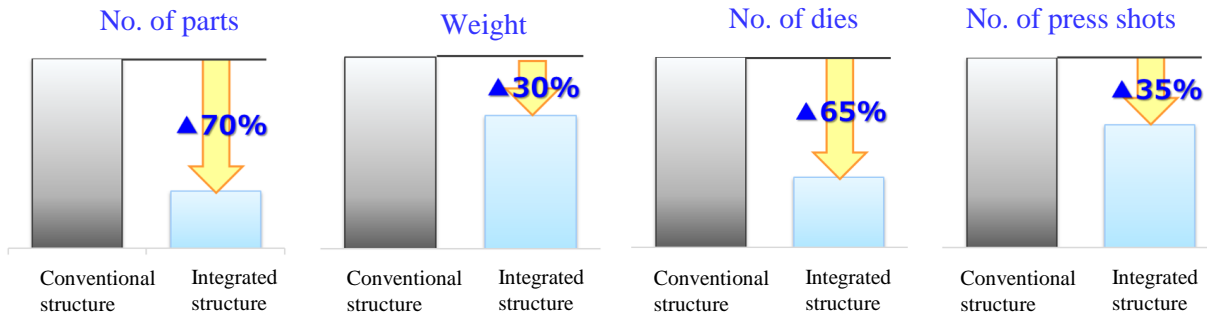


Integrated structure
(3 parts * R/L)



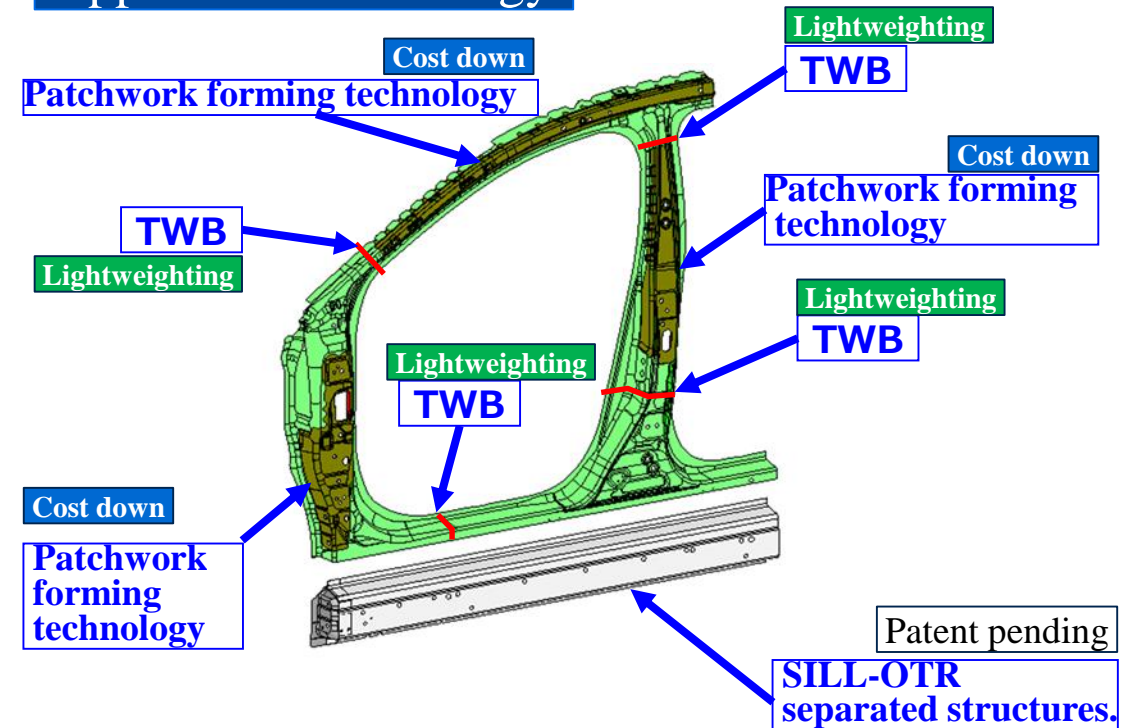
Effects of parts integration

※ Not all cases are guaranteed.



■ Product technology

Application technology



Opportunity for further weight reduction

- Application of HOT 2.0GPa material
- Application of AL extrusions in SILL-OTR structures