

MAGNA'S INDUSTRY-FIRST THERMOPLASTIC REAR SWING DOORS HIT THE MARKET

- Thermoplastic swing doors launch on Volkswagen's ID Buzz
- First-to-market technology increases styling flexibility and brand differentiation
- 20 to 30 percent lighter than equivalent steel solutions

SAILAUF, Germany, September 19, 2022 - With the mobility transformation in full swing, Magna continues to deliver key technologies that address trends toward vehicle accessibility. Its latest innovation, rear thermoplastic swing doors, are hitting the market for the first time on the all-electric Volkswagen ID. Buzz.

The doors that contain recycled materials are 20 to 30 percent lighter than traditional steel solutions, helping reduce the overall weight of the vehicle, optimizing range, and reducing the opening effort for consumers. Additionally, by using thermoplastic resin material, vehicle designers have more styling freedom for sharper detailing, undercut surfaces and tighter radii, which enables greater brand differentiation. With the use of thermoplastics, the spoiler is now integrated into the swing doors which reduces cost, creates a cleaner appearance and improves vehicle aerodynamics.



Magna-developed thermoplastic rear swing doors hit the market on the Volkswagen ID. Buzz

“Lightweight components are increasingly important with the shift to electrification, and we see an ever-growing demand for new access solutions,” said Grahame Burrow, President, Magna Exteriors. “Magna has been on the forefront of next generation thermoplastic liftgates and now we are taking that expertise to develop numerous integration possibilities for our customers.”

From carrying cargo to working on the job site, consumers have the option to choose their preferred method of rear access to fit their lifestyle; a traditional liftgate or split swing doors. Both thermoplastic solutions are supplied as ready-to-install modules. This helps to reduce production time and improve line efficiency while saving on cost.

With the current trend towards electric vehicles, some analysts project the thermoplastic liftgate market could grow up to 15% by 2028. Magna's expertise in materials, component integration, and design positions the company well to take advantage of this growing product area.

TAGS

Thermoplastic liftgates, lightweighting, swing doors, exteriors, electrification

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ABOUT MAGNA

Magna is more than one of the world's largest suppliers in the automotive space. We are a mobility technology company with a global, entrepreneurial-minded team of over 161,000 employees and an organizational structure designed to innovate like a startup. With 65+ years of expertise, and a systems approach to design, engineering and manufacturing that touches nearly every aspect of the vehicle, we are positioned to support advancing mobility in a transforming industry. Our global network includes 341 manufacturing operations and 89 product development, engineering and sales centres spanning 28 countries.

For further information about Magna [(NYSE:MGA; TSX:MG)], please visit www.magna.com or follow us on Twitter @MagnaInt.

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