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# Stratasys and NASCAR Collaborate to Bring First 3D Printed Production Parts to NASCAR Next Gen Racecars

*High-Performance 3D Printed Windshield Air Vent and Underside NACA Duct Featured on Every Car*

EDEN PRAIRIE, Minn. & REHOVOT, Israel--(BUSINESS WIRE)-- [Stratasys](https://www.stratasys.com) Ltd. (NASDAQ: SSYS), a leader in polymer 3D printing solutions, today announced that it has been named a NASCAR Competition Partner and has teamed with NASCAR to produce the first-ever 3D printed production parts to be featured across all NASCAR Next Gen cars.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20220531005115/en/>



Joe Gibbs Racing #20 car driven by Christopher Bell featuring 3D printed windshield air cockpit ventilation unit by Stratasys Direct Manufacturing for all NASCAR Next Gen cars. (Photo: Business Wire)

NASCAR teamed with Stratasys Direct Manufacturing to print a windshield air cockpit ventilation unit for the Next Gen car. The windshield air ducts were printed at Stratasys Direct Manufacturing in Belton, Texas on the SAF™-powered Stratasys H350™ 3D printer which is specifically designed

for production consistency, a competitive and predictable cost per part, and complete production control for volumes up to thousands of parts. The parts were printed using Stratasys High Yield PA11, which is derived from sustainable castor oil. The parts were cleaned, finished, dyed and shot-blasted using DyeMansion post-processing equipment.

Additionally, the team at NASCAR designed and 3D printed an underside NACA duct for engine cooling at their research and development facility in Concord, N.C. with the Stratasys Fortus® 450mc 3D printer.

“It is exciting to see the evolution of how NASCAR has used additive manufacturing across their vehicles. We’ve helped them move from 3D printed prototypes to end-use production parts on their high-performance racecars,” said Pat Carey, Senior Vice President, Strategic

Growth for Stratasys. “We are honored to be named a NASCAR Competition Partner and to provide all teams with the first end-use production parts for their Next Gen cars. This partnership is a natural extension of the relationship we’ve built over nearly 18 years with NASCAR teams like Joe Gibbs Racing and Penske Racing. These teams have been quick to adopt cutting-edge technologies to enhance their car designs and provide performance advantages, and now we’re happy to support the expansion to all NASCAR Next Gen cars.”

The new 3D printed parts provide NASCAR with enhanced performance, flexibility, cost savings and improved aerodynamics, and are being used by every team that competes in the NASCAR Cup Series. The parts are a culmination of nearly three years of planning, design, and development, as the Next Gen car underwent more than 37,000 miles of testing before its introduction at The Busch Light Clash in February.

“The Next Gen car could not have been completed without the collaboration with NASCAR Competition Partners like Stratasys and Stratasys Direct Manufacturing,” said John Probst, Senior Vice President, racing innovation, NASCAR. “During testing, we realized we needed an additive manufacturing solution that could withstand high temperatures and needed the parts delivered quickly. We approached Stratasys Direct, and they delivered not only as a supplier but as a consultant on this project. They provided us with strategic direction on design, materials, and the right additive manufacturing technologies to use to create the highest performance parts for the Next Gen cars.”

Stratasys has partnered with NASCAR teams for almost 20 years to support their endeavors to create highly competitive race cars, using 3D printing technology to support tooling, drill guides and now production parts.

“Having worked with Stratasys for more than 18 years, we’re continually impressed by the quality, speed, and flexibility that additive manufacturing offers,” said Joe Gibbs, Founder and CEO, Joe Gibbs Racing Team. “Our work together has helped move the racing world forward through new technologies that improve the sport.”

To learn more about Stratasys’ additive manufacturing technology solutions for the automotive industry, visit [www.stratasys.com/automotive](http://www.stratasys.com/automotive).

## **About Stratasys**

Stratasys is leading the global shift to additive manufacturing with innovative 3D printing solutions for industries such as aerospace, automotive, consumer products and healthcare. Through smart and connected 3D printers, polymer materials, a software ecosystem, and parts on demand, Stratasys solutions deliver competitive advantages at every stage in the product value chain. The world’s leading organizations turn to Stratasys to transform product design, bring agility to manufacturing and supply chains, and improve patient care.

To learn more about Stratasys, visit [www.stratasys.com](http://www.stratasys.com), the Stratasys [blog](#), [Twitter](#), [LinkedIn](#), or [Facebook](#). Stratasys reserves the right to utilize any of the foregoing social media platforms, including the company’s websites, to share material, non-public information pursuant to the SEC’s Regulation FD. To the extent necessary and mandated by applicable law, Stratasys will also include such information in its public disclosure filings.

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