

July 24, 2024

KAWASAKI BECOMES WORLD'S FIRST MASS-PRODUCTION MOTORCYCLE MANUFACTURER TO HOLD PUBLIC DEMONSTRATION OF A HYDROGEN ENGINE MOTORCYCLE

On July 20, 2024, Kawasaki Motors Ltd., a member of the Kawasaki Heavy Industries Group, conducted the world's first public demonstration run of a hydrogen ICE (internal combustion engine) motorcycle (by a mass-production motorcycle manufacturer) at [Suzuka Circuit](#) in Suzuka City, Mie Prefecture, Japan.

The [hydrogen ICE motorcycle](#) was designed and built as part of Kawasaki's research that began in March 2023, with test runs starting this year, culminating in this public demonstration run during the Suzuka 8 Hours FIM World Endurance race. Powering the machine is a hydrogen engine based on the 998 cc In-Line Four Supercharged Engine found in Kawasaki's Ninja H2® motorcycle, with modifications made to allow direct injection of hydrogen fuel into the cylinders. The motorcycle's chassis was designed to accommodate hydrogen fuel canisters and a hydrogen fuel supply system on-board.



Hydrogen ICE motorcycles operate on hydrogen combustion, delivering the rumble and pulsating sensation that riders love when twisting the throttle, while emitting mainly water and a very small amount of CO₂.

As part of their carbon-neutral initiative, Kawasaki Motors is currently conducting research and development with the aim of achieving a functioning hydrogen ICE motorcycle as one carbon-neutral option for riders beginning in the early 2030s. Timing and availability may vary depending on the hydrogen fuel supply infrastructure and the status of legal regulations in each country.

Kawasaki Motors is a full member of HySE ([Hydrogen Small mobility & Engine technology](#)), a research association focused on hydrogen technology that is actively conducting basic research on hydrogen engines, hydrogen filling systems, and fuel supply systems in order to produce hydrogen-powered small mobility vehicles, including motorcycles.

To further strengthen the Kawasaki brand, Kawasaki Motors will provide products and services that meet the needs of our customers and society, including efforts toward achieving carbon neutrality, as we challenge ourselves to examine all possibilities in the pursuit of happiness and joy of all those whose lives Kawasaki touches.

To download high-resolution images, log on or register for the Kawasaki media site at <http://kawasakimedia.com>.

ABOUT KAWASAKI

Kawasaki started full-scale production of motorcycles over a half century ago. The first Kawasaki motorcycle engine was designed based on technical know-how garnered from the development and production of aircraft engines, and Kawasaki's entry into the motorcycle industry was driven by the company's constant effort to develop new technologies. Numerous new Kawasaki models introduced over the years have helped shape the market, and in the process have created enduring legends based on their unique engineering, power, design and riding pleasure. In the future, Kawasaki Motors, Ltd. is committed to maintaining and furthering these strengths which will surely give birth to new legends.

Kawasaki Motors Corp., U.S.A. markets and distributes Kawasaki motorcycles, ATVs, side x sides, and JET SKI® watercraft through a network of approximately 1,100 independent retailers, with close to an additional 7,700 retailers specializing in general purpose engines. Kawasaki and its affiliates employ nearly 3,100 people in the United States, with approximately 260 of them located at Kawasaki's Foothill Ranch, California headquarters.

Kawasaki's tagline, "Let the Good Times Roll.®", is recognized worldwide. The Kawasaki brand is synonymous with powerful, stylish and category-leading vehicles. Information about Kawasaki's complete line of powersports products and Kawasaki affiliates can be found on the Internet at www.kawasaki.com.