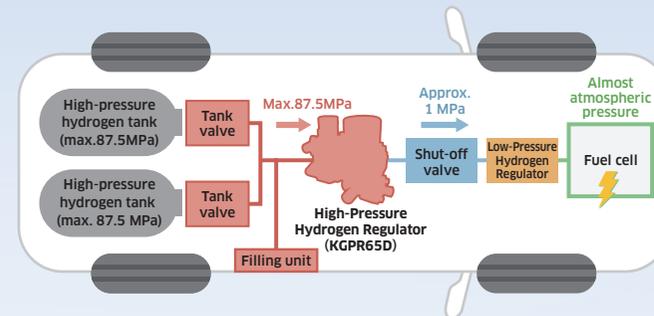


High-Pressure Hydrogen Regulator (KGPR65D)

A key component helping to bring CO₂-free fuel cell vehicles (FCVs) to the road

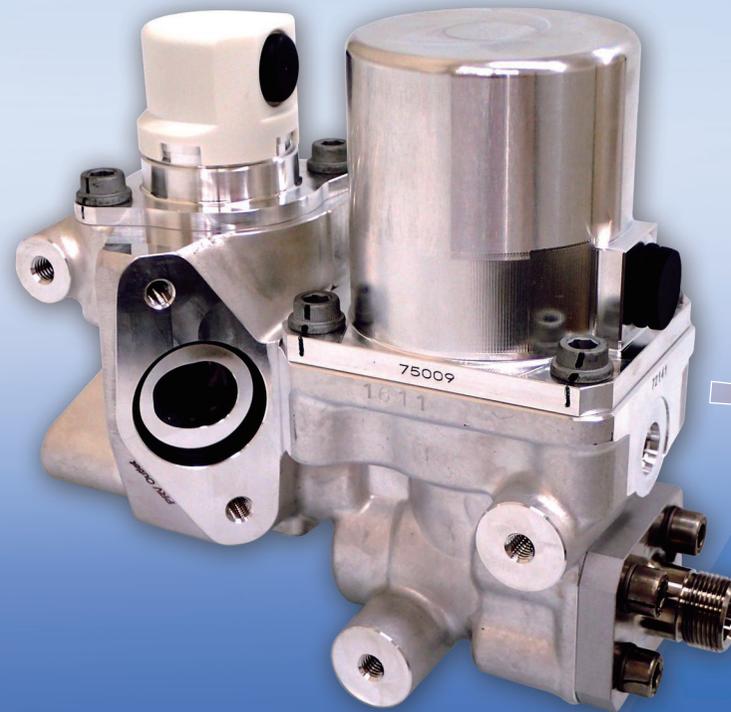
The valve reduces the pressure of the hydrogen gas flow from the high-pressure storage tank for supply to the fuel cells that power FCVs.

High-precision gas control technology achieves efficient depressurization and stable hydrogen gas pressure during power generation.



2019

**Kawasaki
SUPER Green Product**



Source: Daimler

Product Description

A valve that reduces the pressure of hydrogen gas supplied from FCV hydrogen tanks (at about 700 atm) to a level close to that usable by the fuel cell stack*

* Fuel cell stack: An apparatus that uses a chemical reaction between hydrogen and oxygen to generate electricity

Features

- Compliant with the EU's REACH Regulation on chemical substances and ELV Directive on vehicle disposability
- Improved compactness and energy efficiency help improve FCV cruising range
- High reliability: Clears a durability test simulating 20 years of use