

**DOCKETED**

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***CLARITY***  
***FUEL CELL***

# Honda Fuel Cell Vehicle History



**CLARITY**  
FUEL CELL

## 2002

- World's first FCV for commercial use (U.S.-certified)

2003 FCX



- Operation (starts) in sub-zero temperatures

- World's first FCV leased to individual customers.

2005 FCX



## 2008

- Leased to individual customers (U.S. and Japan)

FCX Clarity



Scott Niedermayer



Jamie Lee Curtis

## 2016

**CLARITY**  
FUEL CELL



Assist with deployment of H2 infrastructure

## Vehicle attributes required to popularize electrified vehicles

- **Size (Large comfortable interior)**
- **5-Passenger**
- **Great Performance**
- **Handling (Fun to drive)**
- **Value to Customers**
  - **3 ~ 5 minute refueling**
  - **360 mile range**



# Advancing Fuel Cell Technology – GM / Honda Joint Venture



**Jan 30, 2017 - DETROIT** — General Motors Co. (NYSE: GM) and Honda (NYSE: HMC) today announced establishment of the auto industry's first manufacturing joint venture to mass produce an advanced hydrogen fuel cell system that will be used in future products from each company. Fuel Cell System Manufacturing, LLC will operate within GM's existing battery pack facility site in Brownstown, Michigan, south of Detroit.

**Jun 7, 2018 - Detroit and Tokyo** General Motors Co. (NYSE: GM) and Honda (NYSE: HMC) announced an agreement for new advanced chemistry battery components, including the cell and module, to accelerate both companies' plans for all-electric vehicles.

**NEW JOINT VENTURE FUEL CELL SYSTEMS MANUFACTURING, LLC**  
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The Power of Dreams