

TECH-NUGGETS – Fuel Cell System Integration

TOYOTA MIRAI 2 – BENCHMARKING PROGRAM

Interested in further details?

Contact benchmarking@fev.com!

INSIGHTS

- Main components of the Toyota Mirai 2 fuel cell system are installed at front compartment of the vehicle above the front axle
- The fuel cell stack and the FC boost DC/DC converter are stacked on top of each other
- The FC boost converter contains
 - DC/DC converter to boost FC voltage to 650V
 - Other power electronics components like inverter stages of e.g. coolant pumps
- Media supply components for the FC stack are mounted onto a carrier plate

