

Ford and Argo AI's fourth-generation self-driving test vehicle



Gen 4

The systems we're incorporating into our newest test vehicles are "launch-intent" in terms of the components we believe will be needed to support commercialization.



Gen 1



Gen 2



Gen 3



Upgraded Tiara Sensing Suite

- All-new long-range LiDAR with higher resolution 128-beam sensing to help provide a 360-degree view

Attention to Detail Sensor Cleaning

- Hidden, forced-air cleaning chambers – 360 degree coverage
- Increased spray nozzles and coverage areas for improved cleaning
- Increased air pressure to aid cleaning speed

Upgraded Sensing Suite

- The addition of new near-field cameras and short-range LiDAR to help improve detection of fixed and moving objects closer to the vehicle
- Near-field cameras and short-range LiDAR looking ahead and to the side of the vehicle. Rear-facing sensing suite that keeps track of what's going on behind the vehicle

Increased Electrification Capabilities

- Next-gen efficient hybrid powertrain with an underfloor liquid-cooled battery design
- Modified high voltage battery with additional battery cells, which helps support the total power requirements required by the self-driving system while helping to reduce gasoline consumption