

DEVELOPING THE ELECTRIC TAXI OF THE FUTURE

2k | ENGINEERED COMPONENTS BESPOKE TO PROJECT

Redesigning an icon from the ground up demands a consistent approach to fasteners. With a new, electric version of the London Black Taxi on the drawing board, Optimas Solutions was asked to support with the design and sourcing of fasteners for the project.

PROBLEM

The revolutionary new taxi needed to reach **tight development deadlines**, but in a cost-effective manner. **An efficient approach to fasteners** was therefore required that would **offer standardized components on reduced lead times**.

Achieved through delivering standardized components on reduced lead times. With **over 2000 components exclusive to the new TX5**, LEVC needed to **utilize budget to maximum effect during a capital-intensive project**.

SOLUTION

Our engineers worked with the manufacturer's in-house team from the outset, incorporating standardized fastener choices from the design stage to minimize costs and expedite schedules. Weekly fastener implementation meetings were conducted, allowing Optimas to keep pace with the evolving requirements of the project.

RESULT

The initial prototyping deadlines were met whilst achieving a reduced Bill of Materials. Our engineers helped to design and source 2,000 fastener components which were bespoke to the new vehicle.