

About

We partner at all Design, Prototype, Engineering and Technology development levels. From design programmes to prototype vehicles and engineering deployment, VITAL works discreetly with OEMs and Start-ups to develop new vehicles.

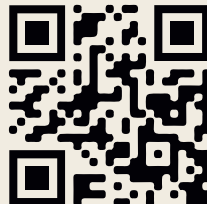
Formed in Coventry 2015, Vital Auto has a traditional garage origin story. From humble beginnings, our founders, driven by a love for design and engineering, have consistently fostered a spirit of creativity and an unwavering commitment to improving our practices.

By nurturing our process alongside cutting-edge technologies, we've ventured into uncharted territory, creating new and novel approaches within the design landscape. We've succeeded in 3D printing entire vehicle models using compostable materials, optimised manufacturing processes for faster and more efficient sub-assemblies, and even developed in-house ergonomic software to speed up design and engineering reviews for our world class OEM clients.

Contact

+44 2476 689277
info@vital-auto.com
vital-auto.com

Vital Auto Ltd
Unit 3A
Lythalls Lane Industrial Estate
Coventry, UK
CV6 6FL

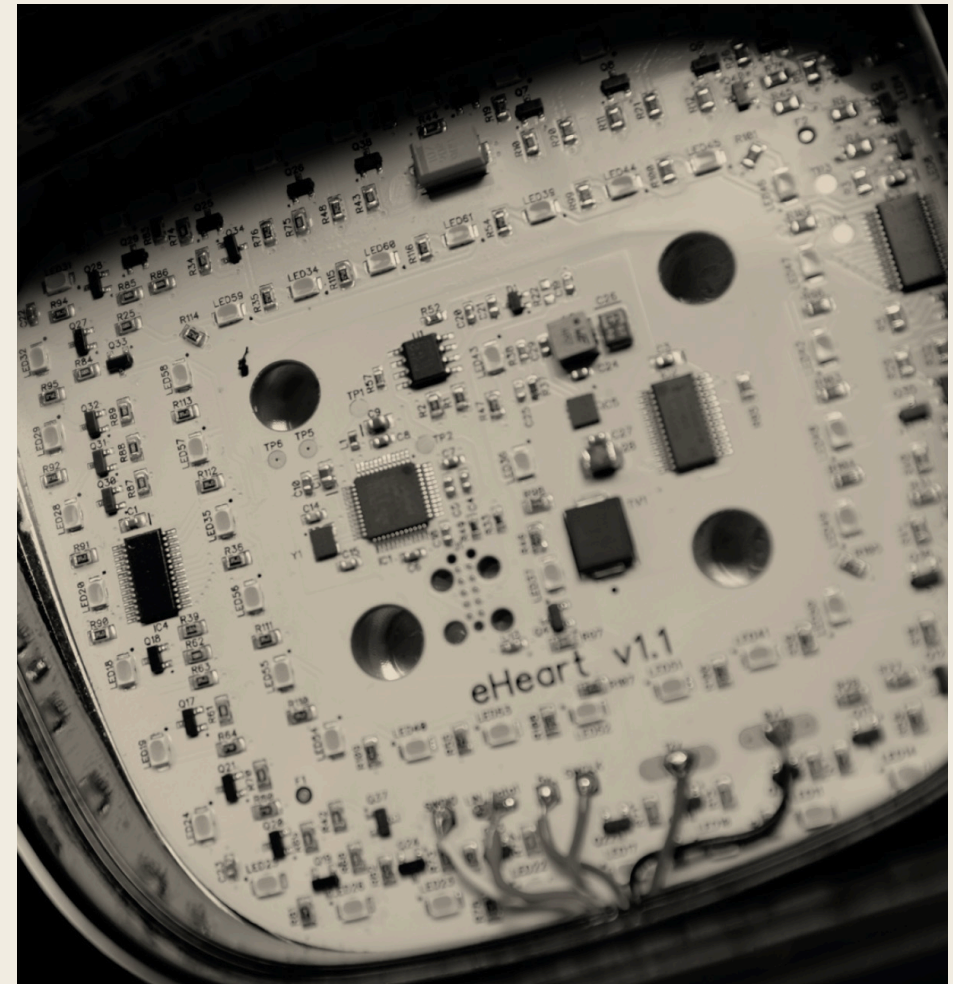


Vital

ELECTRICAL
Service Manual

COLLECTION NUMBER
05 - 06

ISSUED BY
Vital Auto



Electrical Capability

Since our inception in 2015, Vital has consistently led the way in developing prototype systems for advanced vehicle concepts and facilitating low volume manufacturing.

For Designers, Vital offers unparalleled expertise in electrical integration and creative electronics services, breathing life into our models. Our capabilities enable the creation of groundbreaking features such as intelligent gestural interaction, advanced lighting systems, onboard systems, and experiential touch points, all aimed at enhancing the overall user experience.

In Automotive development programs, Vital excels in designing low voltage harnesses and seamlessly integrating them into customer properties.

We have the expertise to create state-of-the-art HMI (Human-Machine Interface) systems that seamlessly integrate with CANBUS and adhere to production standards.

Additionally, our proficiency extends to the development and deployment of PCBs and intricate circuits into low volume builds, all conducted within our ISO level 7 temperature controlled clean room.

Electrical Services

- Circuit design for vehicle electronics
- Custom lighting solutions for vehicles
- Hardware prototyping of automotive components
- Low voltage loom manufacture
- Onboard system design & integration
- Physical integration in automotive prototypes
- Sensor integration for advanced driver assistance systems
- Software development for in-vehicle systems
- Wiring diagrams & schematics

