

Dunlop Systems and Components designs and manufactures advanced electronic control systems and air suspension components for the automotive and ancillary industries.

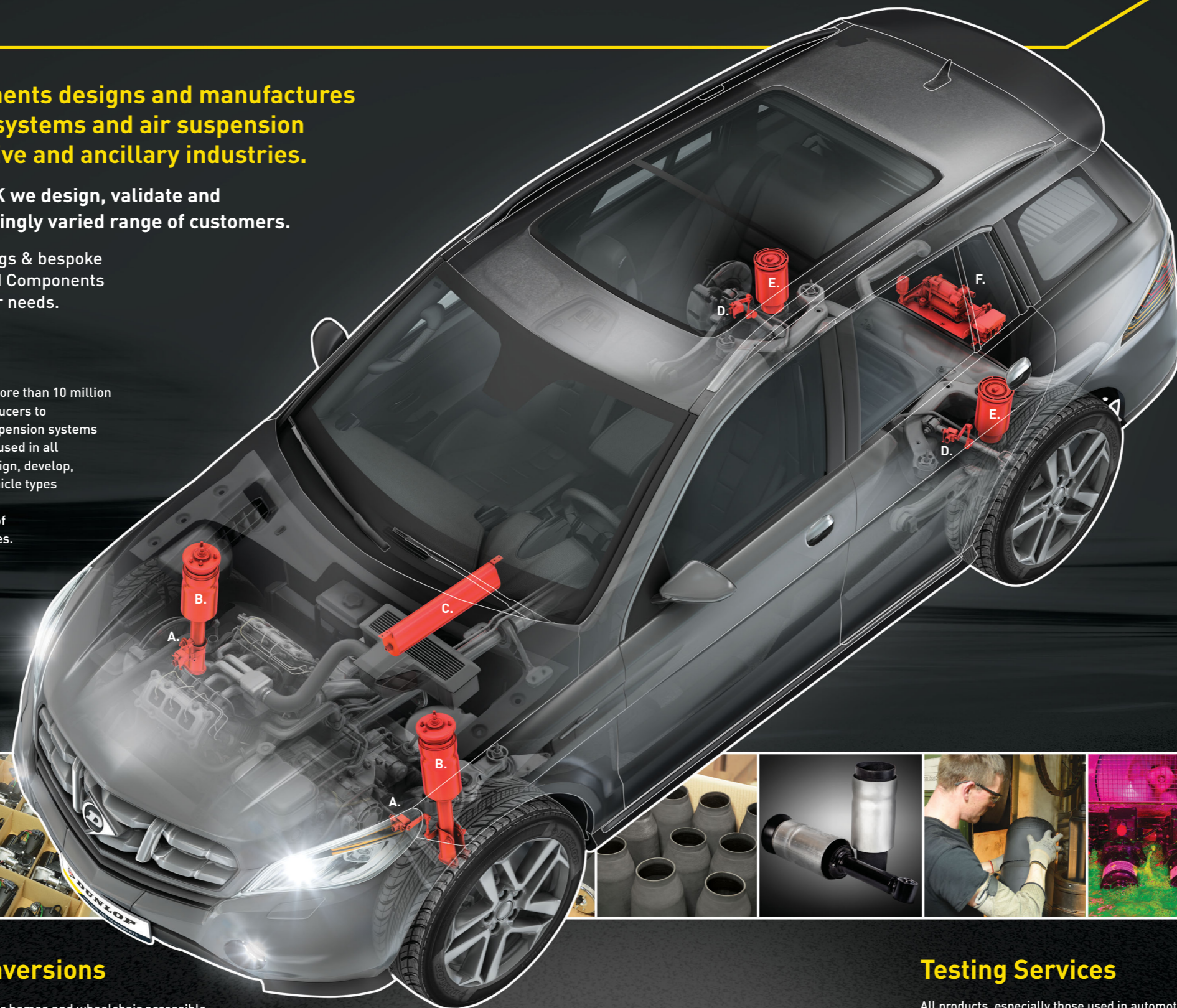
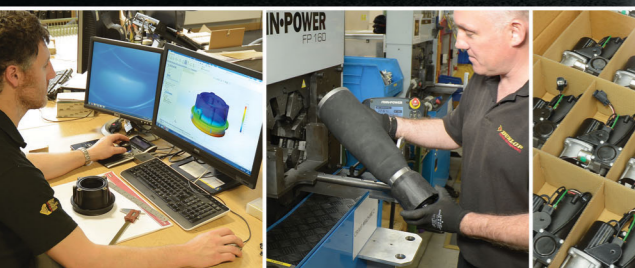
From our new facility in Coventry UK we design, validate and manufacture systems for an increasingly varied range of customers.

Specialists in the manufacture of airsprings & bespoke ECAS system design, Dunlop Systems and Components can deliver the right solution to meet your needs.

Air Springs

With over 50 years of manufacturing experience and more than 10 million parts sold, we were among the earliest European producers to manufacture air springs. Used to replace the steel suspension systems with a cushion of air, our air springs have been widely used in all conceivable applications. We have the capability to design, develop, manufacture and specify air springs to suit various vehicle types including LCV, Buses & Trucks for high to low volume applications. We also provide a comprehensive range of replacement air springs for the bus and truck industries.

In recent years there has been developments in sleeve-type air springs for use in passenger car and sport utility vehicle (SUV) applications. Dunlop Systems and Components has the capability to design, develop, manufacture and specify air sleeves to suit various applications. These sleeves can be assembled into stand-alone air springs or shock absorber assemblies.



Vehicle Air Suspension Components:

- A. Front Height Sensors
- B. Front Air Spring Shock Absorber Assemblies
- C. Air Reservoir
- D. Rear Height Sensors
- E. Rear Air Springs
- F. Air Supply Unit (Compressor, Solenoid Valves & ECU)

ECAS

ECAS is our trade name for Electronically Controlled Air Suspension. It is the control system for air suspension that allows automatic vehicle levelling and selectable suspension height, thereby providing numerous performance benefits. Working closely with major vehicle manufacturers, we have successfully supplied and integrated systems all over the world.

We now offer ECAS systems to smaller customers in the vehicle conversion market. These comprise of a modular system based on standard parts, engineered to automotive quality standards for performance and reliability.

Air Suspension Vehicle Conversions

Converting steel suspension to full electronically controlled air suspension (ECAS) provides maximum functionality and benefits. In addition to the improved ride comfort, the full air suspension system offers load levelling and vehicle lowering capabilities suitable for ambulances, goods vehicles, mini buses, coaches, emergency service vehicles,

motor homes and wheelchair accessible vehicles. Load Assist Air Suspension provides a load levelling capability for the infrequent heavy load popular on motor homes. This system provides an air bellow between the leaf spring and the chassis of the vehicle.



Testing Services

All products, especially those used in automotive applications, are subject to wear and tear imposed upon them by the environment in which they operate. Discovering how products will behave within these environments over time, or simulating operating modes to assess conformance to a specification, are specialities of Dunlop Systems and Components. Our test facility has been performing environmental validation and performance tests for over 50 years.

Our experienced team of qualified Test Technicians and Engineers continuously strives towards meeting the ever-changing and increasingly demanding requirements of our customers through the implementation of new test equipment and technology. We are able to capture and recreate virtually any environment to simulate accelerated real-world conditions of corrosion, humidity, temperature, thermal shock, vibration and vehicle load inputs to name but a few.