

Automotive



Design & supply of magnetic assemblies for automotive applications

Eclipse Magnetics designs, produces and supplies magnets and magnetic assembly solutions to meet and exceed the stringent requirements for a huge range of automotive applications.

Automotive Design Solutions

Design, improve, optimise, supply, support.

Eclipse Magnetics understands the needs of automotive customers to design commercially viable product solutions that have reduced weight, reliable long term performance, lower emissions, reduced cost and higher efficiency.

Whether the application is for sensing a crankshaft position, through to magnets to hold a headliner in place, through to magnets for use in linear actuators, Eclipse Magnetics can design, specify, produce samples, send for customer approval and then mass produce to meet your automotive requirements.

We like to use mutual NDA. We design to meet requirements for pull forces, torques, field strengths, shielding, temperature, sensor specifications, etc. Our magnetic solutions include weight reduction, miniaturisation, higher efficiency, greater holding force, improved pull versus distance, cost reduction and even reduction of rare earth material use.

We have 3D FEA software to model magnetic systems to meet customer requirements eliminating the need for trial and error testing.

Our China Joint Venture also allows us to supply our solutions to TS16949 with PPAP and PSW available.

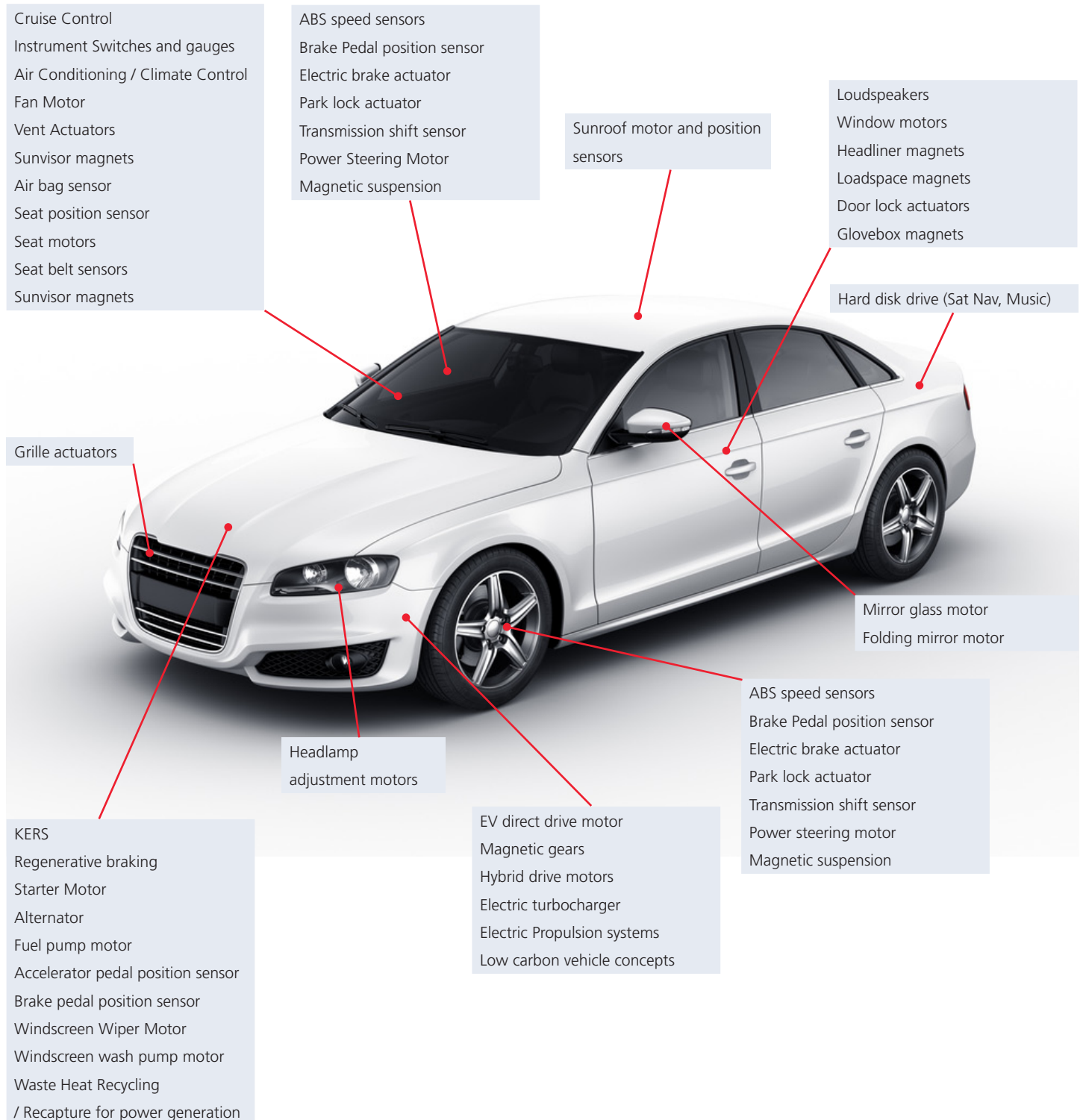
Carbon reduction and increased fuel efficiency by miniaturisation with the possibility of better recyclability is what we will help you achieve.

With an unrivalled expertise in designing value adding magnetic solutions Eclipse Magnetics is a trusted partner for reliable long-term contract manufacturing supply. This includes holding stock in UK for guaranteed fast call off supply.

Application examples include:-

- Hybrid drives
- Direct drives
- Linear actuators
- PM Generator rotor assemblies
- Position sensors
- Rotational angle sensors
- Speed sensors
- Power steering
- Electric vehicles
- Loadspace magnets
- Headliner magnets
- Sunvisor magnets
- Glovebox magnets
- Loudspeakers
- Motors
- Generators, alternators

We design and supply into automotive applications:-



Please contact us to arrange a visit, request a quotation or to get technical support.

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While every effort has been made to ensure the accuracy of the information in this publication please note that specifications may change without notice.



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A world leader in magnetic technology



A Spear & Jackson Company