

Automotive Information Guide

E-books

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Alternatively fuelled vehicles, John Wiley & Sons, 2000
Biodiesel – A realistic alternative for diesel engines, 2008
Electric vehicle technology explained, 2003
Fuel Cell Systems Explained, Larminie J & Dicks A (2nd Edition), 2003

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A practical approach to motor vehicle engineering, Butterworth-Heinemann, 2005
Advanced automotive fault diagnosis, Butterworth-Heinemann, 2006
Automotive control systems: for engine, driveline, Springer, 2005
Automotive quality systems handbook, Butterworth-Heinemann, 2005
Propulsion systems for hybrid vehicles, IET, 2004
The electric car: development, IET, 2001
Understanding Automotive Electronics. (6th edition), Newnes, 2003

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E-journals

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Recent IMechE automotive conferences and seminars

These are shelved alphabetically by year in the Conference/Seminar section of the library.

[Braking 2009](#)

York, 9-10 June 2009

[Bus 2009](#)

Leicestershire, 18 March 2009

[Low-carbon vehicles 2009](#)

London, 20-21 May 2009

[Commercial vehicles 2009](#)

Leicestershire, 17 March 2009

[Integrating technologies for low carbon](#)

Norfolk, 29 September 2009

Useful Books

Blair GP, Design and simulation of two-stroke engines
Bosch, Automotive electrics, automotive electronics
Bosch, Automotive handbook
Bosch, Diesel engine management
Bosch, Driving safety systems
Bosch, Gasoline engine management
Challen B, Diesel engine reference book
Davies G, Materials for automobile bodies
Fenton J, Handbook of automotive body construction and design analysis
Fenton J, Handbook of automotive body and systems design
Fenton J, Handbook of automotive powertrain and chassis design
Gillespie T D, Fundamentals of vehicle dynamics
Haycock R F, Automotive lubricants reference book
Marek J, Sensors for automotive technology
Matschinsky W, Road vehicle suspensions
Norbye JP, An historical who's who of the automotive industry in Europe
Kiencke U and Nielson L, Automotive control systems
Probst CO, Bosch fuel injection and engine management
(Oversize)
Reimpell J, The automotive chassis: engineering principles
SAE Handbook
Oversize shelved on the bottom two shelves

Racing Car Engineering

Glimmerveen JH, Hands-on race car engineer
Hammill D, How to build and modify sportcar and kitcar
suspension and brakes for road and track
Holt D, Design of racing and high performance engines
Katz J, Race car aerodynamics: designing for speed
Smith C, Racing chassis and suspension design
Staniforth A, Competition car suspension: design construction, tuning
Staniforth A, Race and rally car source book: the guide to building or
modifying a competition car

Harralson J, Design of racing and high performance engines
Valkenburgh P, Race car engineering and mechanics
Wright P, Formula 1 technology
Milliken, W F, Race car vehicle dynamics

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Useful Journals

Please check the library catalogue to see if the library subscribes to your required journal. Current issues of key journals are held on the journal display rack. The back copies of these journals are stored in the basement. Please ask a member of staff if you wish to view any and they will be retrieved for you. This generally takes 10-15 minutes.

Autocar	1896-	Institution of Automobile Engineers	
Automotive engineer	1975-	1906-47	
Automotive engineering international		IVT international: industrial vehicle	2002-
1970-		technology	1999-
Automotive testing technology	2002-	International journal of automotive	2001-
international		technology	
Autotechnology	2007-	International journal of vehicle design	1981-
ATZ	1939-	Journal of automotive engineering	
Commercial motor	1905-	(SAE)1922-69	
2002		Ricardo quarterly review	2003-
European automotive design	2003-	Transport engineer	1970-
Freight	1 year	Vehicle system dynamics	1987-
IMechE Proceedings part D	1984-		
Journal of automobile engineering	1989-		

Directories

The following titles are useful for those researching automotive companies. Most are shelved in the Directory Section of the Library.

European Automotive Design top suppliers for Europe 2006
SMMT, The UK motor industry directory 2006
Plunkett's automobile industry almanac 2003
Worldwide automotive supplier directory 2005/2006
The Beaulieu encyclopaedia of the automobile (non directory shelves)

Databases

The library subscribes to the following databases.

EBSCO Business Source Corporate

This business database contains full-text articles from industry, trade and academic journals and is fully searchable for Members of the IMechE through the Virtual Library. It also contains substantial UK and global automotive industry and market reports from Datamonitor, as well as company profiles and economic reports for the largest companies in the automotive industry.

IMechE Library Catalogue

This contains details of all the books available in the library and title and abstract information for papers and articles published in IMechE conference, seminar, proceedings and journal publications.

MIRA (Motor Industry Research Association)

This internet database is compiled by the Automotive Centre at MIRA and covers all the journals, reports and technical papers in their collection. In addition it covers automotive statistics, conferences, and automotive company information.

SAE (Society of Automotive Engineers)

This CD ROM database covers all SAE papers, special publications and reports. It covers all aspects of automotive engineering. The library holds a large collection of SAE papers which are shelved in the basement. Please ask a member of staff if you require a paper.