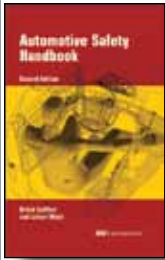


# Interiors, Cabins and Cockpits



## Automotive Safety Handbook, Second Edition

By Lothar Wech, Ulrich W. Seiffert

The book features thorough discussion of the interrelationships among the occupant, the vehicle, and the restraint system (in frontal, lateral, and rear impacts and rollover), and provides updated information on many topics, including accident avoidance, pedestrian protection, and compatibility.

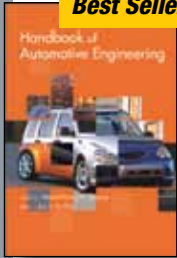
978-0-7680-1798-4, 306 pp., Hardbound 2007.

**\$89.99 List**

Product Code: R-377

ebook available

**Best Seller**



## Handbook of Automotive Engineering

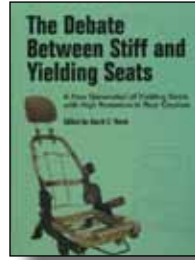
By Ulrich W. Seiffert, Hans Hermann Braess

One of the most comprehensive encyclopedias of vehicle systems and design, this book features 1600 pages packed with information on automotive design and applications from over 40 subject matter experts.

978-0-7680-0783-1, 638 pp., Hardbound 2005.

**\$139.95 List**

Product Code: R-312



## The Debate Between Stiff and Yielding Seats

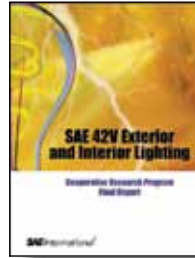
By David C. Viano

The 32 technical papers this publication analyzes the effects of stiff and yielding seats on various crash scenarios, followed by an exploration of high retention seats.

978-0-7680-1258-3, 648 pp., Hardbound 2004.

**\$9.99 List**

Product Code: PT-106



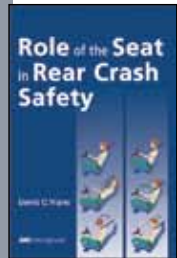
## SAE 42V Exterior and Interior Lighting Cooperative Research Program Final Report

This research report documents the findings, the effects, and limitations of 42 volt electrical system architecture on vehicle exterior and interior lighting systems.

978-0-7680-1216-3, 122 pp., Paperbound 2003.

**\$999.99 List**

Product Code: RR-018



## Role of the Seat in Rear Crash Safety

By David C. Viano

This book addresses the historic debate over seatback stiffness, energy absorbing yielding, occupant retention, and whiplash prevention, while providing a scientific foundation for the direction GM pursued in developing and validating future seat designs. It also describes the multi-year research study into the role of the seat in rear crash safety.

978-0-7680-0847-0, 514 pp., 16 Hardbound 2002.

**\$69.99 List**

Product Code: R-317

ebook available



## Global Market for Heating, Ventilation and Air Conditioning Systems

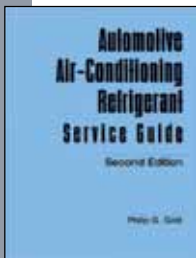
This report highlights the findings of research conducted throughout 2009 by ABOUT Automotive in the automotive air conditioning market. The study identifies the market leaders for automotive HVAC systems in Europe, North America and Japan.

60 pp., PDF Only 2010.

**\$767.00 List**

Product Code: MR-AB-002

ebook only



## Automotive Air-Conditioning Refrigerant Service Guide

By Philip G. Gott

The second edition was written to provide the latest information to automotive air-conditioning service professionals in order to help them comply with federal certification requirements and prevent damage to the environment.

978-0-7680-6847-4, 44 pp., Paperbound 1996.

**\$19.99 List**

Product Code: R-141A

ebook available



## Advanced Lighting Systems Report

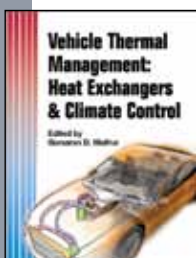
This new report provides analysis of the automotive lighting sector, including its key drivers, and the regulatory environment. It also provides a detailed look at the latest lighting technologies.

80 pp., PDF Only 2011.

**\$2110.00 List**

Product Code: MR-SB-109

ebook only



## Vehicle Thermal Management Heat Exchangers and Climate Control

By Gursaran D. Mathur

To provide customers the level of comfort that they demand in an energy-efficient manner, innovative approaches must be developed. This book is an essential resource for engineers and designers working on thermal systems, presenting 45 of the most relevant technical papers focusing on this important vehicle component.

978-0-7680-1445-7, 420 pp., Paperbound 2004.

**\$99.95 List**

Product Code: PT-97



## Automotive Applications of Thermoelectric Systems

This new Briefing introduces thermoelectric technology gives an automotive industry overview of TE applications, looking at examples of current R&D and real-world applications, including the latest developments from GM, Faurecia, Purdue University, BMW and Ford.

21 pp., PDF Only 2011.

**\$740.00 List**

Product Code: MR-SB-111

ebook only

**NEW**



## Cockpits & Dashboards Report

This report looks at future trends and innovations in the cockpit of tomorrow, including the design and styling influences from concept cars, innovations in HMI technology, and the change in direction for Telematics services, among others.

115 pp., PDF Only 2011.  
**\$1830.00 List**  
 Product Code: MR-SB-082

ebook  
only



## Heating, Ventilation and Air Conditioning in EVs

This Briefing looks at the challenges associated with heating and air conditioning in EVs and discusses some practical solutions to the issues raised.

16 pp., PDF Only 2010.  
**\$740.00 List**  
 Product Code: MR-SB-115

ebook  
only



## Seating Systems Report

This new report takes an in-depth look at the global seating market, including the key changes currently underway in the industry and what the future holds for this important sector. This research is complemented by case studies, along with profiles of all the major industry players.

153 pp., PDF Only 2010.  
**\$1830.00 List**  
 Product Code: MR-SB-090

ebook  
only



## The Headliners, Soft Trim and Acoustics Report

This report covers trends in two related areas of the car, namely: headliners and related trim parts which increasing play an acoustic function in the car and the wider issue of vehicle acoustics and NVH materials.

111 pp., PDF Only 2009.  
**\$1830.00 List**  
 Product Code: MR-SB-023

ebook  
only

# SAE International's Scholarly Journals

Our scholarly journals serve as your ideal collection of comprehensive engineering research – saving you time, increasing your productivity, and keeping you competitive in your field.

They are collected into eight content-specific titles covering:

- Aerospace
- Commercial Vehicles
- Passenger Cars – Electronic and Electrical Systems
- Passenger Cars – Mechanical Systems
- Engines
- Fuels and Lubricants
- Materials and Manufacturing
- Alternative Powertrains



[www.saejournals.org](http://www.saejournals.org)

**SAE International**

P120342