



Automotive Pathfinder

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Introduction

This pathfinder outlines information about materials at the Library and on the Web that support the automotive curriculums at Blue Ridge. The listings are intended to provide a jump-off point for research and quick access to commonly used materials. **This list is not exhaustive**, so if the materials listed do not meet your needs, please contact the Library for further help. To check for books on a specific model vehicle, [search the Library Catalog](#) by using the make as a keyword (i.e., Chevrolet, Ford, BMW). Keep your terms simple: adding things like model names or years can cause your search to fail altogether. Remember that most automobile books cover numerous models.

Library of Congress Subject Headings

Library of Congress, Office for Subject Cataloging Policy. *Library of Congress Subject Headings*. 20th ed. Washington: Cataloging Distributing Service, Library of Congress, 1997.

Although keyword searching is extremely popular in electronic catalogs and databases, it can be inexact. When searching for resources on a topic, subject headings can be extremely useful in locating relevant material and even for developing a vocabulary for more effective keyword searching. LCSH is the most widely used set of subject headings. **The subject headings listed here are just a sample.** Refer to a copy of LCSH in print for complete listings. After

looking over the Subject Headings you may want to search the Library Catalog for relevant material.

Listing Key

Bold term = Main entry for a Subject Heading, these are the terms used by library catalogs.

Example: **Automobiles**

— **Bold** = Subject Heading subdivision.

term Example: **Automobiles — Motors**

UF = "Used For" terms are unused terms that the Subject Heading describes.

BT = "Broader Terms" are other Subject Headings that are more general.

RT = "Related Terms" are other Subject Headings that are somehow related, but not more general or specific.

NT = "Narrower Terms" are other Subject Headings that are more specific.

Subject Headings for Automobiles

Automobiles (*May Subdivide Geographically*)

UF Autos (Automobiles)

Cars (Automobiles)

Gasoline automobiles

Motorcars (Automobiles)

BT Motor vehicles

Transportation, Automotive

SA *headings beginning with the word*

Automobile

NT "*Manufacturer*" Automobile

examples: Chrysler automobile

Saab automobile

Volkswagen automobile

Selected subdivisions *See LCSH in print for complete listings*

— **Bodies** (*May Subdivide Geographically*)

UF Auto bodies

Auto bodies

Automobile bodies

BT Automobiles - Design and Construction

NT Automobiles - Customizing

Automobiles - Doors

— **Chassis**

UF Automobiles - Frames

BT Automobiles - Design and Construction

— **Maintenance and repair**

UF Automobile maintenance

- Automobile repair
- Automobile repair services
- Automobiles - Repairing
- Automobiles - Servicing
- RT Automobile repair shops
- NT Automobile detailing
- Automobile repair fraud
- **Motors**
- UF Automobile engines
- BT Automobiles - Fuel systems
- NT Automotive gas turbines
- Fuel pumps

Library of Congress Call Numbers

The BRCC Library uses the Library of Congress Classification system to determine call numbers for most materials. Knowing these call number areas may be helpful should you decide to browse the shelves for interesting material about your subject.

Class T - Technology (General)

TL 1-484 Motor vehicles. Cycles

A more complete outline of the LCCS is available from:

Cataloging Policy and Support Office. [Library of Congress Classification Outline](#). Available [Online] : <<http://lcweb.loc.gov/catdir/cpsolcco/lcco.html>>. [7 August 2000].

Bibliographies

Z 5173 .M3 S33

Schipf, Robert G. *Automotive Repair and Maintenance*. Littleton, CO: Libraries Unlimited, 1973.

Although this bibliography would seem to be out of date, it is still a valuable source of recommended resources for repair and maintenance of classic cars. In addition, many of the periodicals listed are still in publication.

Directories

TL 15 M57 1992

Morlan, Michael. *American Automobile Collections and Museums: A Guide to U.S. Exhibits*. Shawnee, KS: Bon A Tiner Publishing, 1992.

This directory is laid out by state. Under each listing expect to find basic info about the museum's collection, contact info, directions, typical hours & calendars, rates as of 1992, and a list of the autos on display.

Internet Directories

[Carlynx - The Auto Web Authority](http://www.carlynx.com/dir/index.htm). Available [Online] :
<<http://www.carlynx.com/dir/index.htm>>. [25 October 2000].

This directory has more links than the average person could ever visit, but be cautious. Carlynx does not review the sites they list for content, so you could get anything.

Librarians' Index to the Internet. [LII - Automobiles](http://www.lii.org). Available [Online] :
<<http://www.lii.org>>. [5 September 2000].

LII "is a searchable, annotated subject directory of more than 6,600 Internet resources selected and evaluated by librarians for their usefulness to users." Use the links at LII to find a car to buy, see if it's safe, learn to repair it, and find the best places to sell it, look for parts, find out which are the safest cars, which are the lemons, and get advice.

About.com, Inc. [About - Autos](http://home.about.com/autos/index.htm). Available [Online] :
<<http://home.about.com/autos/index.htm>>. [25 October 2000].

About provides a simple, clean interface with a minimal number of choices, as well as an interface with *cars.com*. Bear in mind that *About.com* is a very commercially oriented site. You will get a mix of pages, including advertisements.

Dictionaries & Thesauri

Ref TL 9 E33 1993

Edwards, John. *Auto Dictionary: A Complete Glossary of Terms for Automotive Enthusiasts, Racers, & Engineers*. Los Angeles: HP Books, 1993.

From the Cover: "A Comprehensive Reference Guide to Automotive Engineering Terms, Hot Rodders' Lingo, Racing Jargon, Equipment, Components and

Technology." Most definitions are brief and to the point. There are numerous illustrations, but many do not support the text very well.

Ref TL 9 A72 1980

Lima, Robert F. *Arco motor vehicle dictionary = Diccionario Arco del automotor*. New York: Arco, 1980.

An English-Spanish: Spanish-English Dictionary.

Encyclopedias

Ref TL 15 .G39

Georgano, G.N., Ed. *The Complete Encyclopedia of Motorcars 1885 to the Present*. New York: E.P. Dutton, 1973.

Arranged alphabetically by manufacturer. Provides production facts, statistics, and highlights for all manufacturers up through 1973. Little info is actually provided on specific models.

GV 1029.9 .S74 M67 1998

Moriarty, Frank. *The Encyclopedia of Stock Car Racing*. New York: Friedman-Fairfax Publishers, 1998.

Part one of the *Encyclopedia* provides a brief history of the sport, while Part Two covers alphabetically arranged listings including numerous biographical sketches.

Ref TL 151 .M658

Toboldt, William K., and Jud Purvis. *Motor Service's Automotive Encyclopedia: Fundamental Principles, Construction, Operation, Service, Repairs*. Homewood, IL: Goodheart-Willcox, 1965.

This encyclopedia is arranged conceptually; by systems such as "Fuel Supply Systems" and "Transmission Fundamentals", or by related topics such as "Fastening Devices" or "Auto Shop Safety". This makes it difficult to zero in on specifics, but does provide a good overview of related concepts together. The appendices include tune-up specs for most American models from 1951-1962.

Biographical Dictionaries

GV 1032 .A1 H86

Engel, Lyle Kenyon. *Stock Car Racing U.S.A.* New York: Dodd, Mead & Co., 1973.

This Biographical Dictionary is arranged by automobile manufacturers, with each chapter covering the drivers of that make ("The Ford Drivers," "The Plymouth

Drivers," etc.). Individual drivers can be referenced using the index, which provides fairly comprehensive coverage.

GV 1032 .A1 H85 1997

Hunter, Don, and Ben White. *American Stock Car Racers*. Osceola, WI: Motorbooks International Publishers, 1997.

Full page portraits, many in color, and a host of other photographs accompany the biographical sketches of forty of the "legends" of stock car racing.

Handbooks

TL 152 .H387

Hendrix, T.G. and C.S. La Fevor. *Mathematics for Auto Mechanics*. Albany, NY: Delmar, 1978.

Although, strictly speaking, this is a textbook, it serves as a handbook as well. All of the principles are illustrated using examples a mechanic might encounter on the job.

TI 152 .J293 1993

Jacobs, David H., Jr. *Automotive Tools Handbook*. (Motorbooks International Powerpro Series) Osceola, WI: Motorbooks International, 1993.

This handbook is structured much as you would expect a catalog to be, with the various tools covered sorted by function. Brand name, state of the art (1993) tools are presented and described, but not much endorsement is given.

Repair Manuals - Auto body

TL 255 .P49 1989

Pfeil, Don, Curt Choate, and John H. Haynes. *The Haynes Automotive Body Repair & Painting Manual*. Newbury Park, CA: Haynes Pubs., 1989.

Covers the basics quickly with lots of illustrations, including step-by-step color photos of pulling, patching, and painting small dents.

TL 255 .R48 1983

Rhone, L.C., and H. David Yates. *Total Auto Body Repair*. Encino, CA: Bennett & McKnight, 1983.

An older textbook, but the information and techniques presented are still valid.

Ref TL 255 .M647 1992

Scharff, Robert. *MOTOR Auto Body Repair, 2nd Edition*. Albany, NY: Delmar, 1992.

Standard textbook. Covers, safety, automobile construction basics, tools, diagnosing damage, body alignment, working with metal, plastics, glass, fiberglass, paint, and finishing.

TL 154 .S33 1990

Scharff, Robert, and Richard J. Paquette. *Complete Automotive Painting*. Albany, NY: Delmar, 1990.

Safety, tools and equipment, materials, surface prep, choosing and matching paint, application and finishing methods.

TL 255 .T58 1993

Toboldt, Kenneth and Terry L. Richardson. *autoBODY Repairing and Refinishing*. South Holland, IL: Goodheart-Willcox, 1993.

Textbook, with numerous color photos and color illustrations. Recounts all the traditional methods as well as introducing methods for coping with later innovations such as unibody and space-frame construction, SMC plastics, and high strength steels.

TL 255 .W52

Wills, John A. *Glass Fiber Auto Body Construction Simplified*. Arcadia, CA: Dan R. Post Pubs., 1965.

The title says it all! Covers design methods, male and female molding techniques, and finishing. Numerous photos and illustrations.

Repair Manuals - Restoration**TL 152.2 .B76 1984**

Brownwell, Tom. *How to Restore Your Collector Car*. Osceola, WI: Motorbooks Int., 1984.

Brownwell touches on all aspects of restoration including searching for the right collector car, researching a vehicle, setting up your shop, disassembly, degreasing, sandblasting, welding, metalwork, wiring, upholstery, convertibles, and more.

TL 152.2 .J67 1992

Joseph, Matt. *Standard Guide to Automotive Restoration*. Iola, WI: Krause, 1992.

Twenty-seven chapters in 375 pages. Thorough but concise, would be an accurate description of Joseph's compilation of material from a series of his lectures and articles written for *Skinned Knuckles* automotive magazine.

TL 152.2 .M5414 1990

Mills, Burt. *Budget Auto Restoration: Low cost, step-by-step tricks for rejuvenating your '50s and '60s cars*. Osceola, WI: Motorbooks Int., 1990.

Mills provides truly step-by-step directions for a restoration project from choosing and buying the car through the systems and engine rebuild right on through the bodywork. Numerous B/W photos illustrate the points made by the text.

TL 255 .N48

Neubecker, William. *Antique Auto Body Metal Work for the Restorer*. Arcadia, CA: Post Motor Books, 1969.

An illustrated guide to auto body design and construction techniques in the days of before assembly lines and mass manufacturing. Covers the techniques necessary to reproduce "authentic" body parts by hand, with common patterns and layouts.

TL 152 .P67 1994

Porter, Lindsay. *Classic Car Restoration Guide: the Complete Illustrated Step-by-step Manual*. Sparkford, Somerset, England: Haynes, 1994.

As is typical of Haynes' books, this manual is bare bones and to the point. The opening chapter covers "buying & Getting Started" including a buying checklist with instructions for inspecting. Chapter 2 covers "The Workshop," while the balance of the book is dedicated to the hands-on work.

TL 152.2 .S34 1991

Schild, Jim. *Restorer's Classic Car Shop Manual*. Osceola, WI: Motorbooks Int., 1991.

The subtitle on the cover, which says it all, is: "Complete Restoration and Maintenance Guide for all 1925-48 CCCA Classic Cars including Cadillac, Packard, Duisenberg, and many more."

Repair Manuals - Systems

Ref TL 152 .C5226 (1970, ['71], '78, '94)

Chilton's Auto Repair Manual. Radnor, PA: Chilton Book Co., Annual.

Each volume covers multiple makes and model years.

Ref TL 152 .C529 (1994)

Chilton's Import Car Manual, 1990-1994. Radnor, PA: Chilton Book Co., Annual.

Covers most of the primary imports.

Ref TL 152 .M6 (1935-53, 1953-61)

MOTOR Auto Repair Manual: Vintage Car Edition (&) Second Vintage Car Edition. New York: MOTOR, 1981.

These two volumes cover all of the basics of repair for the various early US makes.

Ref TL 152 .M7127 1990 v.1-2

MOTOR Auto Engine Tune Up & Electronics Manual, 1990. Troy, MI: MOTOR, 1989.

Vol. 1 covers GM 1985-90 and Vol. 2 covers Chrysler and Ford 1985-90.

Ref TL 205 .M5

Mitchell Service Manual Series. San Diego, CA: Mitchell Repair Information Co., Annual.

These manuals run in three basic series which Blue Ridge has: Domestic Vehicles (1977-1998), Domestic Light Trucks (1981-1995), and Imported Vehicles (1979-1998).

TL 210 .T46 1992

Thiessen, Frank J. *Automotive Engine Repair and Rebuilding*. Englewood Cliffs, NJ: Prentice Hall, 1992.

Thiessen begins with the basics of engine identification, accessing service manuals, and finding and ordering parts. The book is divided into nineteen chapters, each of which covers a particular aspect of the service and rebuilding process.

TL 214 .P6 S78 1992

Stubbenfield, Mike and John H. Haynes. *The Haynes Emissions Control Manual*. Newbury Park, CA: Haynes North America, 1992.

Covers aspects of maintenance, troubleshooting, and repair. The text is supported by numerous charts, tables, photos, and detailed illustrations. Much of the information is arranged by make.

TL 240 .S84 1982

Stockel, Martin W. and Martin T. Stockel. *Auto Mechanics Fundamentals: HOW and WHY of the Design, Construction, and Operation of Automotive Units*. South Holland, IL: Goodheart-Willcox, 1982.

A good, solid introduction to the basics of automobile systems. Lots of color illustrations, photographs, and exploded views support the text.

TL 252 .E75 1994

Erjavec, Jack. *Manual Transmissions and Transaxles*. Albany, NY: Delmar, 1994.

V.1 - Classroom Manual, provides insight into the theory behind the mechanics while V.2 - Shop Manual, gives guidelines for practical shop experiences.

TL 259 .A2 1982

Abbott, Sheldon L. and Ivan D. Hinerman. *Automotive Suspension and Steering: A Text-Lab Manual*. 2nd ed. Encino, CA: Glencoe, 1982.

Designed for instructional use. Presents concepts and follows through with step-by-step exercises and written tests.

TL 260 .C37 1983

Carley, Lawrence W. *The Mechanic's Guide to Front-Wheel Drive*. Englewood Cliffs, NJ: Prentice-Hall, 1983.

Carley breaks down each system involved in FWD into a chapter. Provides detailed descriptions on diagnosis and repair. Also looks at rear suspensions in FWD vehicles and how they differ.

TL 263 .B74 1993

Brejcha, Mathais F. *Automatic Transmissions and Transaxles: Fundamentals of Operation*. 3rd ed. Englewood Cliffs, NJ: Prentice Hall, 1993.

Tons of compact information. This textbook uses a good balance of text and illustrations, which include relevant photographs, diagrams, and exploded views.

Each chapter includes review questions. There are three glossaries and two indexes.

TL 269 .C66 1989

Scharff, Robert. *Complete Brake Systems*. (Delmar Automotive Series) Albany, NY: Delmar, 1989.

Covers all aspects of brake systems AS OF 1989 (before ABS!!).

TL 271 .S78 1993

Stubbenfield, Mike and John H. Haynes. *The Haynes Automotive Heating & Air Conditioning Systems Manual*. Newbury Park, CA: Haynes North America, 1993.

Covers the basic theory of heat and air conditioning, the various system components, troubleshooting, diagnosis, and service.

TL 271.5 .D9 1993

Dwiggins, Boyce H. *Automotive Air Conditioning: Special Update to the 6th edition*. Albany, NY: Delmar, c1988, 1993.

Covers the changes in regulations and procedures since the EPA crack-down on CFCs.

TL 272 .S346 1992

Santini, Al. *Automotive Electricity and Electronics*. 2nd ed. Albany, NY: Delmar, 1992.

Covers both traditional and the newer distributorless ignition systems, high-output charging systems, computerized ignition systems, digital technology, etc.

TL 272 .H223 1991

Halderman, James D. *Diagnosis and Troubleshooting of Automotive Electrical, Electronic, and Computer Systems*. Englewood Cliffs, NJ: Prentice-Hall, 1991.

Although much in this field has changed, the practical knowledge this manual covers would still be relevant to numerous models on the road today.

Books & Anthologies

GV 1033 .B53 1995

Bledsoe, Jerry. *The World's Number One, Flat-Out, All-Time Great, Stock Car racing Book*. Asheoro, NC: Down Home Press, 1995.

This is a unique look at the history of Stock Car Racing. Bledsoe's approach is as readable as a fine novel, but tells the facts, warts and all.

HD 8073 .H26 A3 1991

Hamper, Ben. *Rivthead: Tales from the Assembly Line*. New York: Warner Books, 1991.

Raised in an automobile assembly-line working family, and a former rivthead himself, Hamper gives a true insider's look at the automotive industry from the bottom up.

GV 1029.9 .S74 P37 1996

Parsons, Benny. *Inside Track: A Photo Documentary of NASCAR Stock Car Racing*. New York: Workman Publishing, 1996.

George Bennett's photographs give a true look at this sport from the inside. From the infield, to the pit, to the winner's circle, to the bus-ride to the next track; it's all here in gritty, grainy, photojournalistic black and white.

Consumer Information**Current issue with current periodicals**

1996-current year in AV/Magazine Room

1967-1995 Microfilm

Consumer Reports. Yonkers, NY: Consumers Union, 1942- . Monthly.

At circulation desk (1989-current year)

Consumer Reports Buying Guide. Yonkers, NY: Consumers Union, 1942- . Annual.

Current year at circulation desk

NADA Official Used Car Guide. McLean, VA: NADA Official Used Car Guide, [1933-]. Monthly.

TL 151.5 C66 (1987-1996)

The Complete Car Cost Guide. San Jose, CA; Campbell, CA: Intellichoice, 1987- . Annual. (1987 ed. covers models from 1983-1987)

TL 152 .S523 1983

Sikorsky, Robert. *Drive it Forever: Your Key to Long Automobile Life*. New York: McGraw-Hill, 1983.

TI 152 .S745 1990

Stevenson, Chris Harold. *Auto Repair Shams and Scams: How to Avoid Getting Ripped Off*. Los Angeles: Price Stern Sloan, 1990.

TL 152 .W448 1988

Wesner, James and Joe Ettwein. *100,000 Miles... 200,000 Miles... Or More: Practical Car Care*. Blue Ridge Summit, PA: TAB Books, 1988.

TL 152 .Z88

Zwick, George. *Everyman's Guide to Auto Maintenance*. Blue Ridge Summit, PA: TAB Books, 1973.

Ref TL 162 .B47 1997**TL 162 .B47 1994**

Berliant, Adam. *The Used Car Reliability and Safety Guide*. Cincinnati, OH: Betterway Books, 1994 (1st ed.); 1997 (2nd ed.).

Ref TL 162 .C647 1998**TL 162 .C647 (1989-1996)**

The Complete Small Truck Cost Guide. San Jose, CA; Campbell, CA: Intellichoice, 1989-. Annual.

TL 162 .N28 1990

Nader, Ralph and Clarence Ditlow. *The Lemon Book: [Auto Rights]*. 3rd ed. Mount Kisco, NY: Moyer Bell Ltd., 1990.

Autoweb.com - Buying, selling, research and product information for new and used cars. Available [Online] : <<http://www.autoweb.com/default.htm>>. [25 October 2000].

The IntelliChoice CarCenter. Available [Online] : <<http://www.intellichoice.com/ic2/>>. [23 October 2000].

Kelley Blue Book - New Car Prices, Used Car Bluebook Values. Available [Online] : <<http://www.kbb.com/>>. [23 October 2000].

[nadaguides.com]. Available [Online] : <<http://www.nadaguides.com/>>. [23 October 2000].

Identification Catalogs**TL 15 .F62 1989**

Flammang, James M. *Standard Catalog of American Cars, 1976-1986*. 2nd ed. Iola, WI: Krause, 1989.

TL 15 .S7 1992

Gunnell, John, ed. *Standard Catalog of American Cars, 1946-1975*. 3rd ed. Iola, WI: Krause, 1992.

TL 23 .C37 1993

Cars & Parts Magazine. *Catalog of American Car ID Numbers, 1950-59*. Sidney, OH: Amos Press, 1993.

TL 23 .C38 1991

Cars & Parts Magazine. *Catalog of American Car ID Numbers, 1960-69*. Rev. ed. Sidney, OH: Amos Press, 1991.

Web Sites

[The Auto Channel's MAIN STUDIO](http://www.theautochannel.com/). Available [Online] : <<http://www.theautochannel.com/>>. [25 October 2000].

[Autoweb.com - Buying, selling, research and product information for new and used cars](http://www.autoweb.com/default.htm). Available [Online] : <<http://www.autoweb.com/default.htm>>. [25 October 2000].

Magliozzi, Tom and Ray. [Car Talk](http://cartalk.cars.com/). Available [Online] : <<http://cartalk.cars.com/>>. [25 October 2000].

Journals, Magazines, & Trade Publications

- [Auto & Truck International Magazine](#)
- *Autoweek
- Car and Driver
- [Car and Driver Online](#)
- Car Collector
- [Car Collector Magazine -- Web Edition](#)
- *Car Craft
- *Car Life
- Car Stereo
- Cars & Parts
- *Corvette News
- *Corvette Quarterly News
- Hemmings Motor News
- Hot Rod
- *Machanix Illustrated
- Motor
- Motor Trend
- [Motor Trend Online](#)
- [MotorService Magazine](#)
- [Motorweek Online](#)
- NADA Official Used Car Guide
- Popular Mechanics
- [Popular Mechanics Homepage](#)
- [Repair Shop Product News Magazine](#)
- *Road & Track
- [Road & Track Online](#)
- Rod & Custom
- Skinned Knuckles
- *Sports Car
- *Sports Car Graphic
- *Sports Car International
- *Sports Cars Illustrated

* Not current, back issues only

Print Indexes

Index Tables

Reader's Guide to Periodical Literature. New York: H.W. Wilson; 1900- . Monthly with quarterly and annual accumulations.

The Reader's Guide provides both author and subject indexing to over 250 of the most popular general interest periodicals published in the United States and Canada. Blue Ridge has v. 28, March 1968 to present.

Databases

[Kelly Blue Book](#) via the Internet

Provides information about new and used vehicle values, as well as retail services and an online store.

[MasterFile Premier](#) via EBSCO *host*

Covers a wide variety of topics from about 3,100 magazines and journals from 1984 to present. Includes many complete articles from more than 1500 periodicals from 1990 to present.

[NADA Guides](#) via the Internet

Online version of the popular N.A.D.A. used car pricing guide.