

These Haynes Manuals deal with systems or techniques rather than specific vehicles; they go into greater detail than is possible in a normal Service and Repair Manual.

Each manual starts off by looking at the underlying theory before progressing to the practical aspects, drawing on Haynes' unique database of step-by-step procedures to provide information relevant to the majority of vehicles on UK roads. Where appropriate, coloured fault finding flow charts provide easy diagnosis of commonly-occurring problems.

Ideal for the DIY-er and the professional technician alike, as well as for anyone who simply wants to understand more about how cars work.



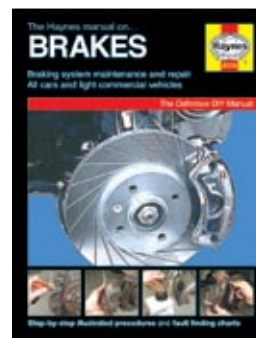
The Haynes Manual on Bodywork

The definitive DIY manual on car bodywork repair. Topics range from simple dent and scratch repair to fitting complete body panels, with some useful advice on assessing the severity of accident damage. Whether you're just starting out with some filler and a can of touch-up paint or want to become an expert with a spray gun, this book is for you.

Hardback, 270 x 210mm, 240pp
500 b&w, 50 colour illustrations



HAYNES NO: 4198 RRP: £19.99



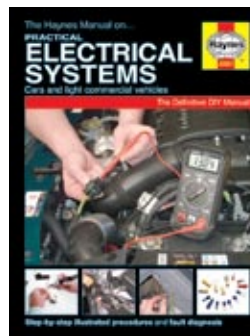
The Haynes Manual on Brakes

The definitive DIY manual on automotive braking systems. Covers pad and shoe replacement on all common systems, component overhaul and ABS. Includes unique colour section showing drum brake layouts, and fault finding charts.

Hardback, 270 x 210mm, 208pp
300 b&w, 80 colour illustrations



HAYNES NO: 4178 RRP: £19.99



The Haynes Manual on Practical Electrical Systems

With an absolute minimum of theory and the maximum of diagnostic and repair information this manual covers how to read wiring diagrams, use test equipment, fault finding, engine starting and charging systems, alternator and starter overhaul, lighting systems, auxiliary gauges and towbar wiring.

Hardback, 270 x 210mm, 160pp
500 b&w, 50 colour illustrations



HAYNES NO: 4267 RRP: £19.99



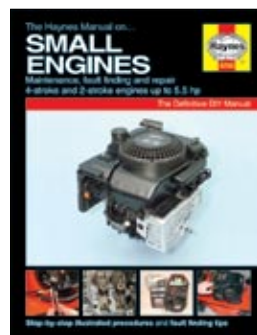
Haynes Air Conditioning Manual

Covers theory of operation, maintenance, fault finding and repair for automotive air conditioning applications. Ideal for the apprentice or student who needs to understand how air conditioning works, what servicing equipment is needed and what precautions and regulations apply. Removal and refitting procedures for common components are included. Also covers climate control systems.

Hardback, 270 x 210mm, 160pp
400 b&w, 50 colour illustrations



HAYNES NO: 4192 RRP: £19.99



The Haynes Manual on Small Engines

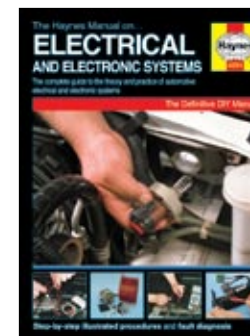
The definitive DIY manual on small petrol engines (up to 5.5 hp) used in lawn mowers, rotavators, generators, compressors, pumps, mini-bikes, karts, etc. General chapters on maintenance, fault finding and repair apply to all single-cylinder air-cooled engines. Detailed chapters cover the following:

- Briggs & Stratton MAX 4hp 4-stroke
- Briggs & Stratton Intek/Europa OHV
- Briggs & Stratton Quantum 55 'L' head
- Briggs & Stratton 1/C 'L' head 5 hp
- Briggs & Stratton 35 Sprint/Classic 2.6 kW
- Honda GXV 120 OHV
- Honda GCV 135 OHC
- Tecumseh 3.5 hp/Vantage 35 4-stroke
- Tecumseh MV100S 2-stroke

Hardback, 270 x 210mm, 240pp
500 b&w, 30 colour illustrations



HAYNES NO: 4250 RRP: £19.99



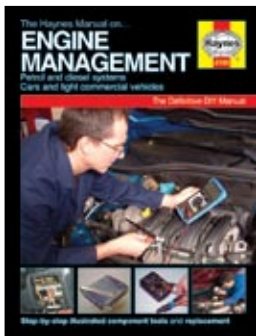
The Haynes Car Electrical Systems Manual

A guide to essential theory and practice for all car electrical and electronic systems. Covers charging and starting systems, batteries, instrument displays, lighting and signalling systems. Also includes engine management and emission control systems, dynamic safety systems such as traction control and ABS, and emerging technologies such as multiplex wiring.

Hardback, 270 x 210mm, 256pp
800 b&w, 50 colour illustrations



HAYNES NO: 4251 RRP: £19.99



The Haynes Manual on Engine Management

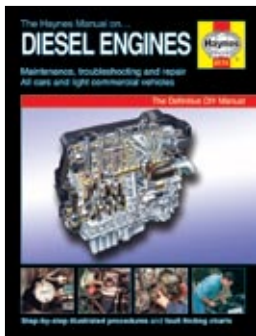
The definitive DIY manual on modern petrol and diesel engine management systems. Includes detailed descriptions, fault finding procedures and step-by-step test routines using simple equipment, applicable to all systems. Also contains detailed coverage of the most popular UK models.

Hardback, 270 x 210mm, 336pp
400 b&w, 20 colour illustrations



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HAYNES NO: 4199 RRP: £19.99



The Haynes Manual on Diesel Engines

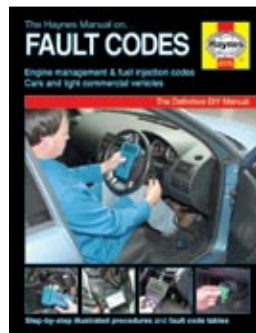
The definitive DIY manual on automotive diesel engines and injection systems. Covers indirect and direct injection, including common rail and pump injector (Pumpe Düse) systems. Includes maintenance procedures, component testing and replacement, and fault finding charts.

Hardback, 270 x 210mm, 208pp
500 b&w, 20 colour illustrations



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HAYNES NO: 4174 RRP: £19.99



The Haynes Manual on Fault Codes

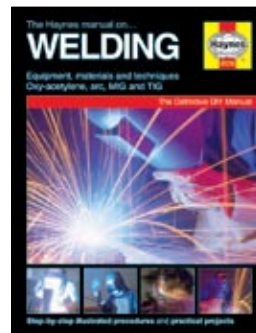
The definitive DIY manual on automotive diagnostic fault codes. Covers code retrieval with and without a fault code reader. Includes fault code tables (including EOBD systems), sensor and actuator tests, maker-specific chapters and code clearing procedures. Unique colour section shows location of EOBD diagnostic plugs.

Hardback, 270 x 210mm, 304pp
400 b&w, 20 colour illustrations



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HAYNES NO: 4175 RRP: £19.99



The Haynes Manual on Welding

The definitive DIY manual on welding. Covers gas, arc, MIG, TIG and plasma welding and cutting techniques. Includes theory, practical techniques, safety procedures and advice on choosing equipment. A practical project chapter shows how to use welding equipment to build a trailer.

Hardback, 270 x 210mm, 176pp
200 b&w, 80 colour illustrations



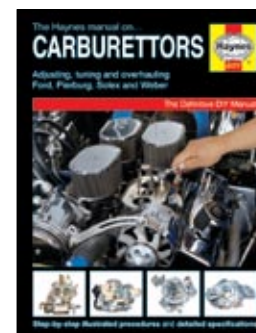
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HAYNES NO: 4176 RRP: £19.99

The Haynes Manual on Carburettors

The definitive DIY manual on automotive carburettors. Covers theory, specifications, fault diagnosis, repairs and service adjustments on the following carburettors:

- Ford Motorcraft 1V and Variable Venturi (VV)
- Pierburg 1B1, 1B3, 2B5, 2B6, 2B7, 2BE, 2E2 and 2E3
- Pierburg (Solex) PDSI and PIC-7
- Solex BIS, EEIT, PBISA, SEIA, Z1, Z10 and Z11
- Weber DARA, DFT, DFTH, DFTM, DGAV, DIR, DMTE, DMTL, DRT, DRTC, IBSH, ICEV, ICH, ICT, TL, TLA, TLDE, TLDR, TLDM, TLF, TLM and TLP



Hardback, 270 x 210mm, 416pp
1000 b&w illustrations



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HAYNES NO: 4177 RRP: £19.99

