

A The TVR Car Club

Without the support of the TVR Car Club (TVRCC) and its members, this book would simply not have been possible. If you own a TVR or are interested in them, joining the Club puts you in touch with many other like-minded people. The following Club description was written by Ralph Dodds and is also on the TVRCC web site (<http://www.tvrcc.com>), courtesy of Steve Powell.

Formed in London in 1962 by a small band of enthusiasts, the TVRCC is now one of the premier one make car clubs in the country with a membership of over 4,500, catering for owners of all TVRs, from the earliest TVR Coupe No 1 right up to the latest Cerbera and Tuscan, and also for enthusiasts of the marque, whether an owner or not.

TVR was formed in 1947 by Trevor Wilkinson (who gave his name to the make — TreVoR) in Blackpool as Trevecar Motors. He built his first car in 1949 using a multi-tubular chassis, Morris 8 mechanicals and a Ford 100E engine to which he added his own design metal bodyshell. Soon he realised that the bodyshell would be much more cost-effective if it was made in GRP and in 1953 started fitting RGS Atlanta bodies to his chassis before the first real production TVR with an in-house produced GRP body, the Grantura, appeared in 1958.

The years since have seen the company pass through tumultuous times and a variety of different models — Grantura, Griffith 200 and 400, Vixen, Tuscan V6 and V8, 2500 and 3000M, Taimar, 3000S, Tasmin, 280i, 350i, 390SE, 420 and 450SEAC, 400 and 450SE, S1, S2, S3 and S4, V8S, Griffith, Chimaera, Griffith 500 and Cerbera and a selection of engines from Ford 1100 to Rover 5.0 litre and TVR's own AJP8 4.2 and 4.5 litre — but Trevor's basic concept of fitting a GRP body to a multi-tubular chassis with front engine and rear wheel drive remains true today.

One of the most rewarding ways to enjoy the Club is to get out and meet other owners/enthusiasts. This is made easy by going along to one of over 40 regional meetings nationwide from Dorset to North East Scotland and from Northern Ireland to Suffolk. Many meetings have their own private rooms in pubs or hotels and arrange guest speakers to talk on a variety of TVR-related topics. The Regional Organisers also plan regular social gatherings and visits to classic car shows and events where they can spread the word of TVR. Many regions organise their own track days at local circuits around the country where you can learn to use the power of your TVR in safety. There are often professional TVR Tuscan racing drivers on hand to advise and help you to improve your skills.

National and international events

The national programme consists of a variety of events both social and sporting with the emphasis on enjoying your TVR. There is an annual spring visit to Blackpool where you can tour the TVR factory and see where your car was constructed. In the summer, a National Weekend is organised, centred on one of the country's premier motor racing circuits such as Brands Hatch, Donnington Park or Silverstone, where again you can explore your car's full potential with expert tuition available, if required.

Additionally, there is an international meeting every year at Zolder in Holland, where enthusiasts from all over Europe meet to test their cars on one of Europe's most famous circuits. Finally, the TVRCC is always represented at the major national classic car shows, such as the Classic and Sportscar Show at the NEC.



The Sprint magazine. This magazine is published every month and includes information on the regional and national activities, technical tips and many colour photographs.



TVRs gathered on Blackpool Promenade during the April '96 Back Home event. This weekend is organised every year and includes a factory tour and an informal concours competition on the promenade.

Sprint

As a member you will receive a copy of the full colour magazine *Sprint* every month. With an average of 96 pages per month this has recently been recognised as one of the top car club magazines in the UK. Each month it contains technical information, TVR road test reprints, reports of the TVR motorsport competitions, regional reports, up to eight pages of classified TVR sales and wanted, letters to the Editor, future events diary and trade advertisements from some of the best companies in TVR after-sales support.

Helplines

No matter what job you need to do on your TVR or what you are concerned about on your potential TVR, old or new, chances are someone has been there before. And that's where Helplines come in. Free, over the telephone technical assistance from a recognised specialist in each type of TVR is available to members. The details are published every month in *Sprint*.

Motor sport

For members who are interested in taking part in motor sport, the TVRCC is RACMSA recognised and has members who regularly sprint, hillclimb, race and even rally their TVRs. Some members compete in the prestigious TVR Tuscan Challenge, which offers some of the most exciting racing in the country and many members follow and support this series. The Club is often able to negotiate reduced rates for entry plus special parking areas and even parade laps of the circuit for members at the Tuscan Challenge meetings. Wherever possible, members will have a hospitality area in the infield.

Regalia

Through its Club Office, the TVRCC offers members over 100 items of regalia, ranging from leisure wear, such as sweatshirts and lambswool sweaters, to exclusive TVR wristwatches, umbrellas and parts manuals for most types of TVR.

Club Office

A Club Office is maintained in Telford, which is available to offer advice on any aspect of buying, maintaining or insuring a TVR. It can also answer any queries you may have regarding membership of the TVR Car Club.

The Club Office (telephone number 01952 770635) can be contacted between 9am and 5.30 pm Monday to Thursday and from 9am to 5pm on Fridays. Faxes may also be sent to this number. Please leave a message on the answerphone if unmanned.

Some questions answered

- I don't own a TVR but am an enthusiast of the marque. Can I join the TVRCC?
The Club is open to anybody who has an interest in these great British sportscars.
- I am looking for a TVR. How can you help?
In many ways. First, join the Club. Second, go along to your local meeting, meet like minded enthusiasts and talk to owners of the type of TVR in which you are interested. Find out what to look for and what to avoid! Third, you may well find a pristine example of the car you are looking for in the Market Place pages of *Sprint*. There are more TVRs for sale each month in *Sprint* than any other car magazine.
- But I live abroad?
The TVR Car Club is well represented abroad with some six international regions and members as far afield as California and New Zealand. *Sprint* magazine can be sent via airmail to keep you up to speed with all matters TVR.
- I'd like a TVR but they are all group 20 insurance. Can I get it any cheaper?
Yes! Extremely competitive rates are available to club members through the dedicated club scheme at A. Manning U.K.

B TVRCC Internet support

For those of you on the Internet, either with an email account or with full access, several services are provided by the TVRCC. These include email, web pages and user groups.

Email list

This list was started several years ago as a way of communicating electronically with the worldwide TVR community. This is now done automatically through an email reflector service at www.yahogroups.com. For details of how to subscribe, please visit the TVRCC's web pages or go direct to www.yahogroups.com and search for TVR. This will then display a variety of email groups. The main TVR one is 'tvrccmaillist', although there are others for the Tasmin racing, Tuscans, and US TVRs. Membership can be configured to send individual emails, a daily digest or none at all, as well as direct access via the website.

The contents range from mainly technical issues to information about new models, exhibitions, and so on. Typically, fifty or so messages are posted

each day but this can vary widely. If the subscribers are interested, it can be that many in an hour!

Newsgroup

There is a newsgroup specifically for TVRs called uk.rec.cars.tvr which is available from most service providers, including CompuServe. A newsgroup called uk.rec.cars.classic occasionally has material on TVRs.

Web pages

The TVRCC web pages located at <http://www.tvrcc.com> are very popular, currently averaging over 5,000 visits every month. This site contains a wide range of information and often has pictures of the latest event or model. It has links to many other sites of TVR interest in Europe and the US.

For the latest news on this series of technical books for TVRs, visit the author's website at: <http://www.tvrbooks.co.uk>

C UK TVR dealers and other contacts

This appendix contains several lists of useful contacts: the first is the current factory approved dealer list for TVRs in the UK. The second is a list of non-approved dealers that specialise in TVRs. The approved dealers can supply spares and many provide mail order services.

If you are calling of these companies, it is a good idea to have the car's details handy, including the chassis number.

UK Factory approved dealers

Bauer Millett
297 Deansgate
Manchester M3 4LQ
Tel: 0161 831 7447 Fax: 0161 832 7744

The Brandon Motor Company
1 Old Dalkeith Road
Midlothian
Scotland EH22 1PJ
Tel: 0131 654 0033 Fax: 0131 654 0044

Brooklands (Exeter) Limited
Hennock Road
Marsh Barton
Exeter
Devon EX2 8RU
Tel: 01392 823823 Fax: 01392 824033

Brundle
Brundle House
Tottenham
King's Lynn
Norfolk PE33 OSR
Tel: 01553 811 881 Fax: 01533 811 518

Harrogate Horseless Carriages
284/286 Skipton Road
Harrogate
North Yorkshire
Tel: 01423 521 074 Fax: 01423 500 830

Christopher Neil
Manchester Road
Northwich
Cheshire CW9 7NA
Tel: 01606 41481 Fax: 01606 41642

David Hendry Cars
Kingfisher Mill
Park Road
Malmesbury
Wiltshire SN16 0BX
Tel: 01666 824 369 Fax: 01666 822 090

Fernhurst Motor Company
Midhurst Road
Fernhurst
Haslemere
West Sussex GU27 3EE
Tel: 01428 653 924
Fax: 01428 653 343

Hawthorns
Roman Business Park
East Street
Farnham
Surrey GU9 7SX
Tel: 01252 735 185
Fax: 01252 735 920

Henley Heritage
18-20 Reading Road
Henley on Thames
Oxfordshire RG9 1AG
Tel: 01491 411 177
Fax: 01491 578 574

Hexham Horseless Carriages
Haugh Lane
Hexham
Northumberland NE46 4HF
Tel: 01434 601 666
Fax: 01434 601 777

H.R. Owen
49/51 Cheval Place
Knightsbridge
London SW7 1EW
Tel: 0207 225 2007
Fax: 0207 225 2977

Kerridges
The Hall Garage
Needham Market
Ipswich
Suffolk IP6 8EG
Tel: 01449 720 222 Fax: 01449 720 953

Mole Valley Motor Group
Zoo Garage
360-366 Leatherhead Road
Chessington
Surrey
Tel: 0208 394 1114 Fax: 01327 274 0838

Mole Valley Motor Group
Orchard Business Park
Bonehurst Road
Salfords
Redhill
Surrey RH1 5EL
Tel: 01293 822 911

Newtown Motors Cwmbran
12 Somerset Road
Cwmbran
Gwent
NP44 1QX
Tel: 01633 485 251
Fax: 01633 871873

Oxleys of Douglas
Isle of Man Business Park
Cooil Road
Braddan
Isle of Man IM2 2SA
Tel: 01624 613 603
Fax: 01624 613 604

Prentice Limited
Armagh Road
Portadown
County Armagh
Northern Ireland BT62 3DS
Tel: 01762 333 377
Fax: 01762 391 471

Stephen Palmer Ltd
90/100 Tamworth Road
Longeaton
Nottingham NG10 3NA
Tel: 01159 722 321
Fax: 01159 463 770

TMS Performance Vehicles Ltd
Beler Way
Leicester Road
Melton Mowbary
Leicestershire LE13 0DG
Tel: 01664 481 065
Fax: 01664 482 065

The TVR Centre
Barnet Road
Arkley
Barnet
Hertfordshire EN5 3LJ
Tel: 0208 440 6666 Fax: 0208 440 7364

TVR Engineering Ltd (factory address and dealer)
Bristol Avenue
Blackpool
Lancashire FY2 0JF
Tel: 01253 509 000 Fax: 01253 357 105

TVR Military and Diplomatic Sales Ltd
Albion House
Rope Walk
Otley Street
Skipton BD23 1ED
Tel: 01756 798 172 Fax: 01756 701 596

Westover Sportscars
Salisbury Road
Blandford
Dorset DT11 8UB
Tel: 01258 451 211 Fax: 01258 451 143

WLA Specialist Cars
736 London Road
Larkfield
Kent ME20 6BG
Tel: 01732 870 386 Fax: 01732 871 143

Yarnolds of Stratford
Birmingham Road
Stratford Upon Avon CV37 0HR
Tel: 01789 205 990/414 696 Fax: 01789 268 932

Other specialists

Ackrill Automotive
High Street
Littlebourne
Canterbury
Kent CT3 1SX
Tel: 01227 720 644
Fax: 01227 721 248

Boreham Developments
Unit 2
The Old Pig Farm
Langford Lane
Kidlington
Tel: 01865 374058
Mobile: 07867 837337

The Chequered Flag
548-560 High Road
Chiswick
London
Tel: 0208 995 0022
Sunday phone 0831 502 187

David Gerald
The Green
Inkberrow
Worcestershire WR7 4JF
Tel: 01386 793 237

Exactly TVR (Adrian Venn)
14a Dugdale Road
Radford
Coventry CV6 1PB
Tel: 01203 596883

Tower View Race Services (formerly Coupes)
London TVR Centre
Blackpool House
65/67 Waterloo Road
London NW2
Tel: 0208 452 6922

Offord Motor Company Ltd
99 High Street
Offord D'Arcy
Cambridgeshire PE18 9RH
Tel: 01480 811 484

PR Wood Motor Bodies
Oaklands
Lark Hill Road
Canewdon
Rochford
Essex SS4 3RZ
Tel: 01702 25880

Randles (Garages) Ltd
Higherland
Newcastle
Staffordshire
Tel: 01782 717 170
Fax: 01782 717 174

Reeds Motor Company
Stratford Road
Roade
Northampton
Tel: 01604 864 444

The Sports and Specialist Car Company
North Road Garage
Horsefair
Boroughbridge
York YO5 9AH
Tel: 01423 324 787

The Sports Car Centre
Drakes Broughton
Pershore
Worcestershire WR10 2AG
Tel: 01905 840 288

Wedge Automotive
337 Eccleshall Road South
Parkhead
Sheffield S11 9RS
Tel 0114 281 7507 or 0976 205 666

Photography

Clique Photographic
Hergiswil
Bersham Road
Wrexham LL14 4HD
Tel: 01978 364 058

Stuart Norris Photography
83 Cottenham Park Road
Wimbledon
London SW20 0DR
Tel: 0208 241 0269

Motor racing accessories

Demon Tweaks
75 Ash Road South
Wrexham Industrial Estate
Wrexham LL13 9UG
Tel: 01978 664 466

Grand Prix Raceware
Power Road
Chiswick
London W4 5PY
Tel: 0208 742 8000

Europa
Fauld Industrial Park
Tutbury
Burton on Trent
Staffordshire DE13 9HR
Tel: 01283 815 609

Regalia franchise sales

TVR Personal Possessions
451 Clifton Drive North
Lytham St. Annes
Lancashire FY8 2PS
Tel: 01253 727211
Fax: 01253 714210

TVR Car Club
PO Box 36
Telford TF6 6WF
Tel: 01952 770635

Bibliography

Here is the list of books and other sources of information that were used as reference material within this book. They make further reading for anyone interested in more detail about the mechanics of the car.

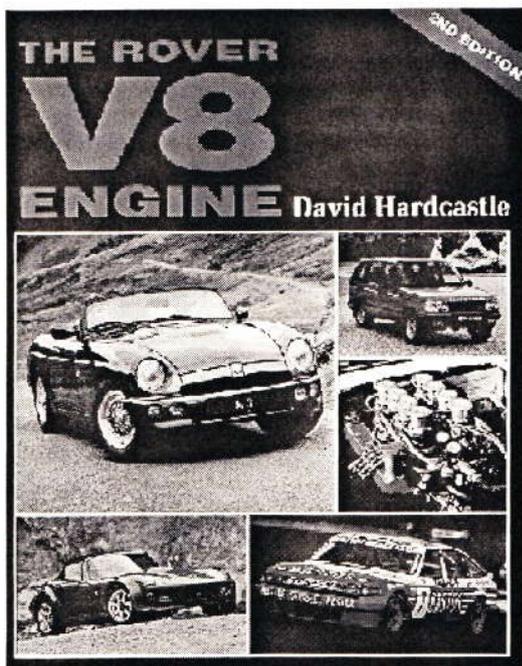
In terms of further mechanical information, then out of the various Haynes workshops manuals that I have used, I would recommend the Sierra V6 for all S users with the addition of the Rover SD1 manual for those with a V8S.

These books, with the exception of the Peter Filby book "Success against the odds" are all readily available from many book sellers. Another good place to find the Haynes manuals is second hand book stores and charity shops where you can often find them for a £1 or less!

V8 engines and gearboxes

Rover 3500 V8 1987 to 1990
Haynes Owners Workshop Manual
ISBN 1-85010-363-1

Range Rover 1970 to 1992
Haynes Owners Workshop Manual
ISBN 1-85010-579-0



The Rover V8 engine
David Hardcastle
G.T Foulis (Haynes)
ISBN 0-85429-961-0

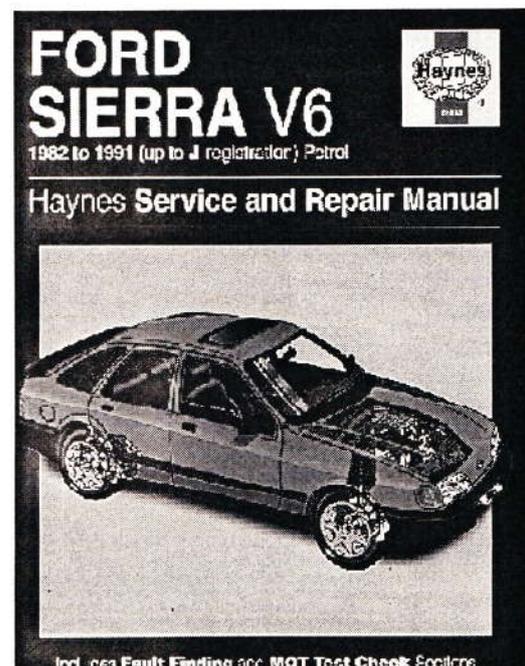
Tuning Rover V8 engines
David Hardcastle
G.T Foulis (Haynes)
ISBN 0-85429-933-5

V6 engines and gearboxes

Ford Sierra V6 1982 to 1991
Haynes Owners Workshop Manual
ISBN 1-85960-176-6

Ford Capri II/III 2.8 & 3.0
Haynes Owners Workshop Manual
ISBN 1-85010-309-7

Ford Granada and Scorpio 1985 to 1993
Haynes Owners Workshop Manual
ISBN 1-85010-902-8



Ford Sierra inc Sapphire
Haynes Owners Workshop Manual
ISBN 1-85960-441-7



Steve Heath Engineering Ltd



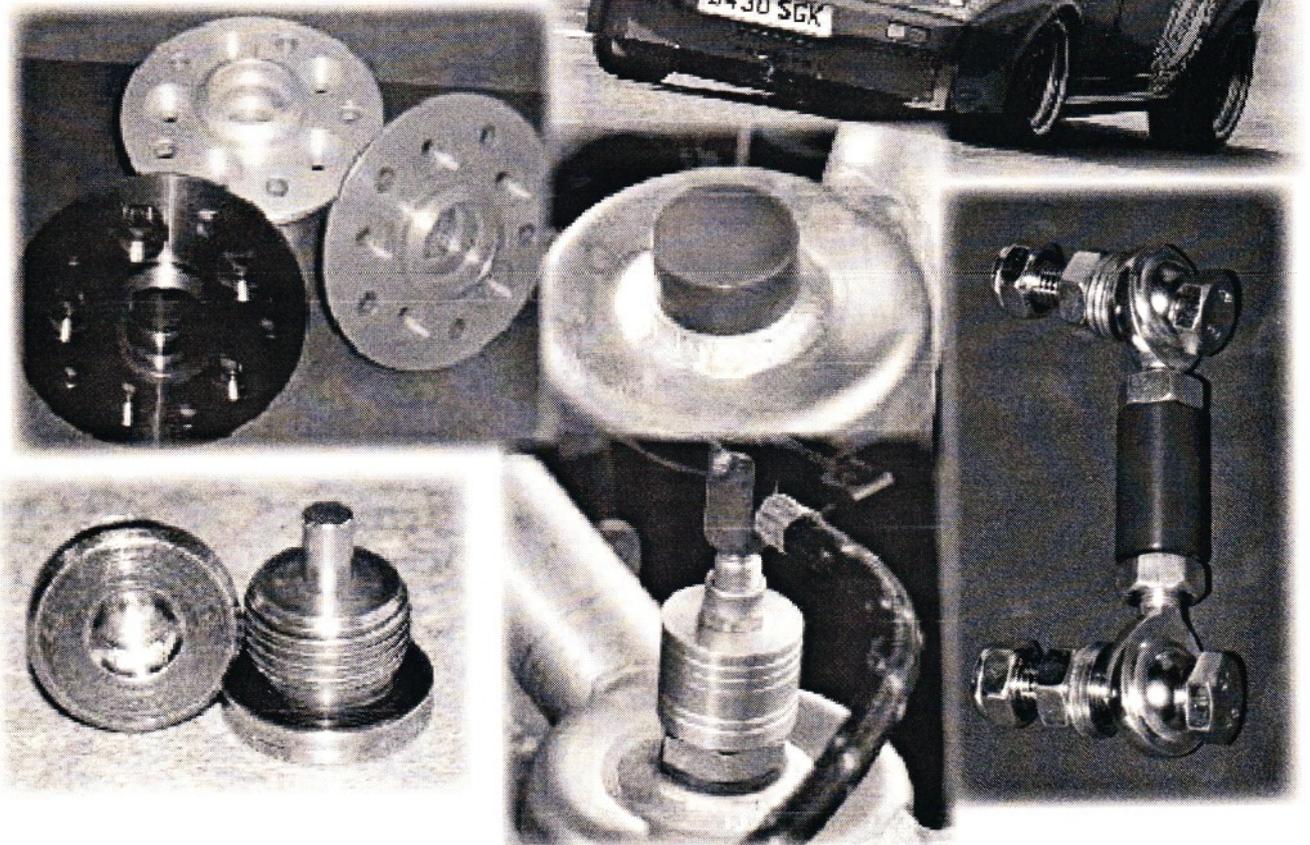
Widgets for your **TVR**

Welcome to www.tvrextras.co.uk

There is now a place for those extra items that make life with your TVR even more fun!

Having spent many thousands of hours with these wonderful cars, both through ownership of 11 cars over the past few years and the research for the different Steve Heath "bibles", I have identified several areas where I have improved the car to help with its enjoyment. In some cases, I have manufactured my own replacement or worked with other companies to create these parts. These have been extensively used on my own cars including my 520SE competition car - the infamous "Purple Shed". This has provided me with a wealth of experience which has inspired these TVR extras. After many requests from owners who have seen these extras, I have decided to put them into production.

Now these items are available for any TVR owner to enjoy and benefit from.



**Available online from
www.tvrextras.co.uk and www.shpub.co.uk**



Struggling to undo that sump plug?

Want to stop any debris flowing round the engine, gearbox or differential?

Make it easier with an SHPUB magnetic sump plug

The sump plug on Rover V8s can be difficult to undo unless you have the right size spanner and the space to use it. The standard plug can also be damaged by sleeping policeman and other low obstacles due to the hexagonal shape. The edge can catch and be moved. While rare, it has been known for the plug to be loosened enough to come undone and cause a massive oil leak and possible a big engine repair bill.

The SHPUB plug uses a different design with a 10mm Allen recessed socket that makes removal easier. The circular profile reduces the risk of the plug being caught, moved and causing an oil leak.

Finally, the plug comes with a magnetic tip to trap any iron or steel debris that might be contained in the oil. This debris can be removed from the plug during routine oil changes.

Uses a standard 10mm hex key for removal...
Hydraulic quality plug...
Round profile to reduce accidental movement...
Magnetic tip to trap any steel or iron debris...

An easier and neater alternative.

The plug is available in different sizes to fit engines, gearboxes and differentials.



2005/02



Fed up with replacing the front and rear anti-roll bar bushes?

Worried about the anti-roll not working correctly?

Enhance your TVR with a Rose jointed drop link

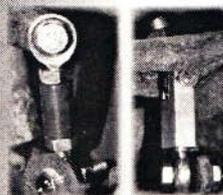
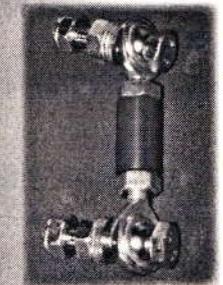
The anti-roll bars on the TVRs can require constant maintenance to ensure that its bushes are not damaged and that the connection between the roll bar and the wishbone is maintained. Due to the angles and movement involved, the drop link can quickly destroy these bushes. The result is an anti-roll bar that makes a noise and fails to operate smoothly as it moves the droplink instead of the wishbone.

These replacement parts were derived a set of drop-links made for Steve Heath's competition Wedge and uses rose joints to fully articulate the drop link and remove the need for any bushes. The anti-roll bar is always in direct contact with the wishbone leading to its smooth application and improved handling. The rose joints are adjustable in height which makes fitting extremely easy.

Uses rose joints for better articulation...
No bushes to replace or maintain...
Choice of blue and red anodised yokes...
Front and rear droplinks available for TVR Griffiths, Chimaeras, Cerberas, S Series and Tuscans.

An easier and neater alternative.

The drop links come with full fitting kit and illustrated instructions.



www.tvrextras.co.uk

2005/01



Can't find where your TVR's cooling system is leaking?

Want to check for leaks without running the engine?

Find it quickly and easily with a CoolTester...

You know the problem... a pool of coolant appears underneath the car everytime you move it but you can't see where it is coming from. The problem often needs the cooling system to be at pressure to show the leak and normally the only way of doing this is with the engine running. Probing and looking around an engine bay while the engine is running with the risk of moving parts and scolding liquid is not a safe environment. So what do you do?

The CoolTester from SHPUB screws into the swirl tank or radiator of your TVR and allows a simple tyre pump to be used to pressurise the system to normal conditions without running the engine. This means that any investigation can be made without the engine running and with the coolant at ambient temperature.

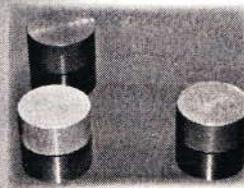
No moving parts...
No hot exhaust or pipes...
No spray of scolding liquids...

A safer and easier way to track down leaks.

The CoolTester body is machined from aluminium billet for strength and durability with a steel hydraulic quality fitting. The CoolTester comes with full instructions and tips on finding those elusive leaks.



2005/02



Struggling to undo that expansion tank plug?

Worried about damaging your TVR or yourself?

Make it easier with a SHPUB plug and cover

The swirl tank plug on TVRs is difficult to undo at the best of times. The normal technique is to use a pry bar or screwdriver as a lever - which is not really what they are designed for. These can slip and potentially damage you and the car. This method can also lead to the plug cracking and allowing coolant leaks.

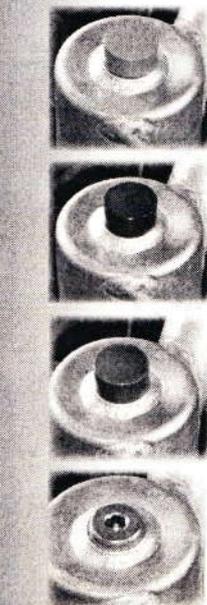
The SHPUB plug and cover consists of a steel hydraulic quality plug with a 10mm recessed Allen socket and an anodised aluminium cover that fits over the top. The plug can be undone using a 10mm hex key or socket without the risk of slipping or damage.

The cover prevents dirt from getting into the recess and provides that extra bit of style when showing off that V8 engine.

Uses a standard 10mm hex key for removal...
Hydraulic quality plug...
Choice of cover colours...

An easier and neater alternative.

The cover and plug comes with full fitting instructions.



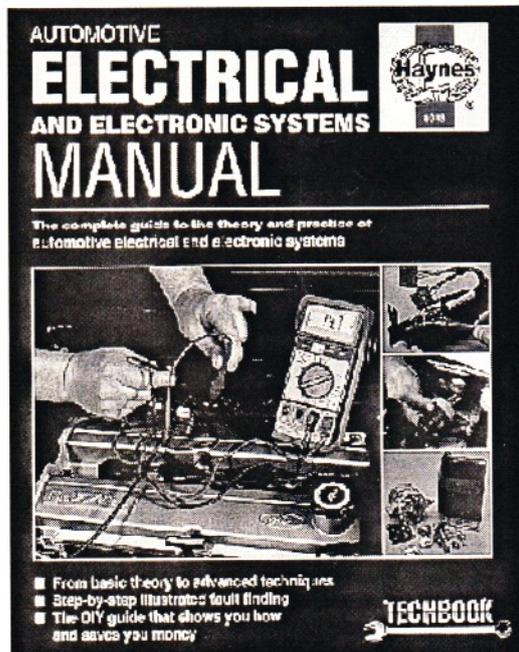
2005/02

Suspension, transmission and brakes

Ford Sierra V6 1982 to 1991
Haynes Owners Workshop Manual
 ISBN 1-85960-176-6

Automotive Brake manual
Haynes Techbook series
 ISBN 1-85960-202-9

Electrical systems



Automotive Electrical manual
Haynes Techbook series
 ISBN 1-85960-049-2

General interest

AA Book of the Car
AA publications

Sprint magazine
 Available from the TVR Car Club.

The S series parts catalogue
TVR Engineering
 Reprints available from the TVR Car Club.

The S1, S2, S3, V8S Owner's handbooks
TVR Engineering
 Reprints available from the TVR Car Club.

GRP repairs

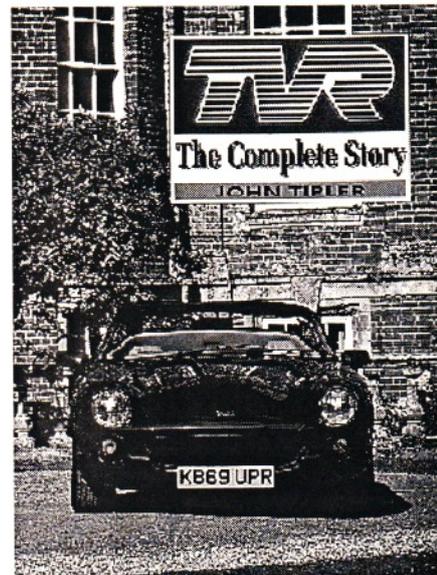
The Car Bodywork Repair Manual
 Lindsay Porter
Foulis Motoring Books (Haynes)
 ISBN 0-85429-864-9

TVR history

Success against the odds
 Peter Filby
Mitchell Filby Limited
 Out of Print

Muscles and Curves
 Iain Ayre
Mitchell Filby Limited
 ISBN 1-899369-00-7 (becoming scarce!)

The TVRs volumes 1 and 2
 Graham Robson
Motor Racing Productions
 ISBN 0-947981-80-2 (vol 1)
 ISBN 0-947981-81-0 (vol 2)



TVR - the complete story
 John Tipler
Crowood Auto Classic
 ISBN 1-85223-796-1

TVR Performance Portfolio 1986-1994
Brooklands Road Test
 ISBN 1-85520-2603

TVR Gold Portfolio 1959-1990
Brooklands Road Test
 ISBN 1-85520-0759



The TVR S series

For many people, the TVR S series is their first introduction to the world of hand-built specialist sports cars. The retro looks of the S, coupled with its relatively inexpensive price tag has meant that it is particularly attractive to those who want a convertible sports car that has real performance, at a reasonable price.

This extensively revised second edition is written for S owners, TVR enthusiasts and anyone else interested in TVRs. It provides a source of material derived from the author's own experiences of owning three S models, the TVR Car Club archives and information from TVR and includes material on these cars not previously published. It covers the gap between the owner's handbook and a full blown workshop manual and is designed to help any owner or prospective owner enjoy the cars at their best.

It covers all the production models ranging from the 2.8 litre S1 through the 2.9 litre S2, S3 and S4 models and the 4 litre V8S. Each chapter covers a particular aspect of the car and combines explanations and descriptions, along with hints and tips on how to enjoy and maintain the cars at their best. The practical text is extensively illustrated with photographs and drawings, from the archives of TVR, the TVR Car Club, the author's own collection and other sources.

Contents include:

- History of the S series
- V6 and V8 engines
- Exhaust systems
- Ignition systems
- Fuel injection systems
- Electrical systems and schematics
- Cooling systems
- Suspension and transmission
- Track day preparation
- Identifying the models
- Clutch and gearbox
- Chassis
- Interior
- Exterior
- Braking systems
- Tyres
- Buying an S
- Enhancing your S