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THE OFFICIAL MAGAZINE OF TRACKROD MOTOR CLUB LTD.

No. 222

AUG. 1989

EDITOR

I know you've all missed me but have no fear I have been released from the clutches of the Leeds General Infirmary Nurses - they let me out on good behaviour. I won't bore you with all the gorey details suffice to say there are some, especially during my stay in intensive care. If you want to know more you can quiz me on a clubnight - any pints bought in sympathy will not be refused - purely for medical reasons of course!

Thank you for all the visits and cards you were all kind enough to give me and also thanks to Peter Stanhope, Suzanne Brown, Chris Sharpe and Heidie for producing the last magazine.

Unfortunately this looks like this will be my last magazine as Editor as the new committee will be taking over next month after the AGM. I know there must be someone cut there who thinks they can do a better job than I have these last two years so let's be having your name(s). I will have some articles for the new editor's first magazine ready to give them (aswell as any helpful hints they may want) so it will give the next Ed a chance to settle in.

So for all you budding Editors, here is a brief summary of the job:

- (i) Pester all of the committee to give you their contributions.
- (ii) Pester everyone else in the club to write about their own exploits anything vaguely connected with cars (like the last time Peter Green washed his car).
- (111) Since only the Social Calendar has materialised, pester the committee again.
- (iv) Put together a few editorials about anything really if your desperate.
- (v) Panic cos you've only got 3 minutes to photocopy 7 million sheets of paper and the photocopier has decided to join the dock strike!
- (vi) Collate the thing (most boring bit of all) ie. staple 120 piles of paper together.
- (vii) Finally you have to post out the magazines that have not been collected.

Having said all of that I can guarantee that you will enjoy being Editor as it is not only very fulfilling but it is sure to get you more involved with and aware of the workings of Trackrod Motor Club.

See you soon

Rat~Ed

SECRETARY'S SCRIBINGS

As this is my last chance as secretary to write an article I thought I should put pen to paper.

The state of the s

In the past year I have been very happy with the way in which I was helped along with the secretarial aspect of Trackrod.

Unfortunately due to increasing work duties, a daughter, the involvement of Richard Simpson and myself in the rally and some ill-feeling!! I am not going to re-stand. Hooray I hear you all say.

Recently I was involved in the Mobil 1 Challenge. This was a very slow rally (only one car was used all day) but the company of the top drivers more than made up for it.

On a future note the Talkland Stages is progressing well and hopefully the next one should be a multi-venue.

The Costa Stages crew once more put on an excellent day: the only problem being the weather.

Finally good luck to my successor - ! hope you enjoy it as much as ! did.

Richard Anderson Selterery

COMMITTEE NOMINATIONS As on 7th Aug 1989

All names printed are nominations and as such are not proof of acceptance of nomination.

Further nominations may be put forward at the AGM even in positions where there is already a person standing. If this occurs a vote will result, after each nominee has had a chance to speak.

If there is only one nomination in any post then that person is elected unopposed.

Chairman

Peter Stanhope

Secretary

Treasurer

John Renny

Committee Members

Editor

Susanne Brown,

Rebecca Kemp Barry Dove

Competition Secretary

•

Social Secretary

Anne Moffat

Trophy Points Secretary

Cheif Marshal

Membership Secretary

Equipment Officer

Paul Telford

Please make your name known to Richard Anderson at the AGM if you want to stand for any of the above posts. Remember elections for all or one of the posts can only show that Trackrod is alive and kicking.

THE ADVENTURES OF NICK 'YELLOW-SHED' PULLAN - or one man's attempt to bury a Honda Civic in mud up to the axles (that's if Honda Civic's have axles!)

Welcome to the first of a six part story of the pursuit of the 1989 B.T.R.D.A. All Rounders Same Car Trophy (Davigon Trophy)

The Rules - 3 different types of BTRDA events have to be tackled with 6 rounds to count. (ie stage or road rallies, autotests or PCT's etc). For the same car award the contender must drive the same car except on rallies where he/she can navigate in the same car. Points are awarded for class finishing positions.

The History (Past Successes) Won the Davigon Trophy in 1987 and was the 1st person to win it in a r.w.d. car - a rather unusual 21 Escort Estate (some like 'em big!). Did 3 PCT's, 2 Autotests and a road rally - when rallies were rallies.

Won again in 88 and was the ist person to win the Davigon Trophy 2 years running but this time only in a 875cc Imp. Qualifying in 3 PCT's, 2 Autotests and a pear tree (which turned out to be an autocross - this turned out to be a great laugh especially when you have a mud flying 3.61 ford Anglia in the same class).

The Attempt The 1989 plan was to get the qualifying rounds in early with 3 PCT's, 2 autotests and a pear tree (autocross). A change to f.w.d. was decided using a yellow 1238cc Handa Civic (1978) in pretty well cream crackers to condition.

Round 1. The V.T. Fellows PCT at Sheanstone

The 1st major BTRDA PCT of the season had a

dry and fine start with an entry of 57 competitors. Having driven the car 120 miles to Sheanstone in what could be classed as a howling gale (due to illifitting doors) we were greeted by an RAC Scrutineer who insisted on checking everything apart from the doors!

With 12 competitors all driving f.w.d. in my class I was hopeful of starting at No.12, to "see how it's done". But par for the course I was No.1. So bacon buttie in hand off we set for the morning's 20 hills. All I can say Is that it is very different in f.w.d. compared to an Imp which I have been piloting up hills for the past 3 years. Dinner came and went as did 3 more bacon butties and then back to another 20 hills for the afternoon session (and not a drink in sight). By this time I had got the hang of keeping the engine infront of me unlike the Imp. So after the 40 hills off came the ballest (technical name for weight) and we howled our way back to Yorkshire.

N.Morkay was 1st O/A with a very low score in but I was well pleased to finish 2nd in class, . 11th O/A and gain 19 valuable all rounders points.

Comment of the day by RAC Triple Committee Chairman (God in the PCT World) Mike Hinde to myself reserving to the Hondu Civic. "I saw a car lest night which was in better condition than that the the it was used for growing plants in"!!

Thanks alot Mike (Sir).

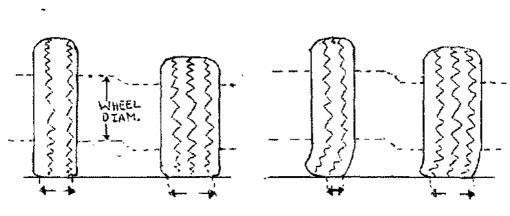
Part two of this trilogy next month. Can you stand the boredom i ask myself?

Nick 'Yellow-Shed' Pullan

WW4 WHEEL STEERING- is it worth the bother.

In order to discuss this subject let me first xplain the basic physics of what happens when you urn your steering wheel.

Let us assume you are driving a front wheel teering (FWS) vehicle at constant engine—torque, noe you have turned your wheels into a corner the yres are initially distorted, bending—underneath he car—so to speak. This delays the actual urning of the car itself until the tyres—can—no onger flex and then they "pull" the car around ith them. (This is presuming that the vehicle—is of travelling fast enough for understeer to cour, when the tyres actually slide over the road urface). This delay depends on the nature of the articular tyre. Thus a tall narrow tyre will bend one than a low wide tyre and so low profile tyres no more reponsive to steering movements (as—wall s preventing understeer, see fig(i) & (ii).



Standard Low Profile

Standard Low Profite

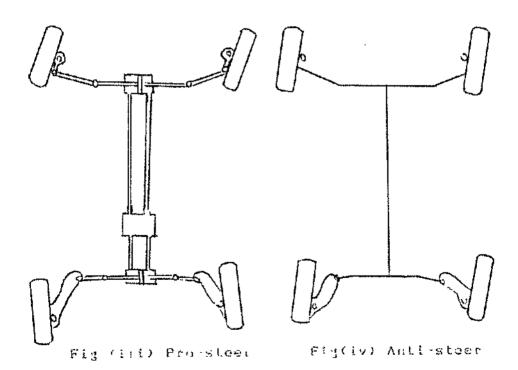
Fig(i)Tyros when not Fig(li)Tyros when out turning turning

Mow the ear will begin to follow the path not or in by the tyron and only new do the rear twice

become relevant as the car starts to change the nature of its movement. It is no longer moving in a straight line but it is now rotating and the front of the car is moving in the direction of the front wheels.

The delay between turning the wheel and the action of the vehicle is also dependant on the mass distribution of the car itself. An ice dancer with arms outstretched spins much slower than one with his/her arms flat against the body. Similarily a mid-engined vehicle with most of its mass at its centre will have a much smaller turning delay than a front engined family saloon.

Hence the idea of 4WS was designed to help family saloons which are mostly not mid-engined and not equipped with low profile tyres. There are two ways of doing this.Pro-steerandanti-steer See Fig (iii) & (iv).



Provideer makes the car much more maneuverable at low speeds as the car will turn

through greater angles for the same amount of steering wheel turn - similar to a fork lift truck. At higher speeds however this would make the car dangerously twitchy and so what is wanted at high speeds is anti-steer so that the car "crabs" sideways across the road.

Motor manufacturers have combined ways. Mitsubishi use methods in different anti-steer which comes into operation above 31mph using a valve to control the rear hydraulic pump under instruction from the normally operating system. The rear pump then drives centrally mounted power cylinder which operates the rear steering arms which in turn act on the suspension trailing arms. This produces a maximum resulting turn in the rear wheels of i In the event of a rear system failure the rear wheels return to the straight ahead position. In terms of road behaviour this means that you have to apply more lock than you would actually with a FWS car. However because the resuting response is instantaneous the feel is actually the opposite. Hondause pro-steer for low speeds only very useful for tight parking, azdacombines both; the pro-steering switching to anti-steering as speed increases.

Finally it should be emphasised that 4WS only improves the response to steering and does not enhance the roadholding. Once the car has been turned into a corner and is sottled there, there is no advantage in 4WS. It may not represent the came tehniacl advances as 4 wheel drive but for the enthusiast driver 4WS may promote in you a taste for the beautifully sharp turn-in.

Rat-Ed

COMPETITION CALENDAR

JULY 16 Single Venue Beverly & District
JULY 23 Multi Venue Alnwick & District DMC
JULY 28/29 Multi Venue Ulster NIMC
JULY 30 Single Venue Manby Airfield TMC ANCC Stage Championship
AUG 2/3 Multi Venue International Rally TMC
AUG 5/6 Road Rally Clitheronian district MC
AUG 6 Single Vanue Leconfield NHMC
AUG 12 Multi Venue Litheon & District MC
AUG 12/13 Road Rally Devils own? Kirby Lonsdale MC
AUG 20 Multi Venue 3 Swans Selby & District MC
AUG 27 Single Venue Manby Ø61 Car Club
AUG 26/27 Road Rally Illuminations Morcombe car club
SEPT 2 Multi Venue Cumbria Cumberland sporting Car club
SEPT 2/3 Road Rally Coleman Tyres? Otley MC
SEPT 3 Single venue Rotheram MC
SEPT 10 Road Rally Dry Stone Rally Sheffield & Hallamshire

SEPT 12/15 Multi venue Manx International Hanx AC.

SEPT 17 Multi Venue Norking Gilders Stages Lindholme MC

SEPT 23 Multi Venue Trackrod Forest Sages Rally TMC

PCT'S AUTOTESTS AND HILLCLIMBS

JOEA A	A.I Grimsby no
JULY 23	A.T Alwoodley MC
JULY 23	H.C Scammonden Dam
JULY 3Ø	P.C.T Sheli League Round. [ikley & District MC
AUG 6	P.C.T Malten & District MC
AUG 6	A.T York MC
AUG 6	A.T Spring Hill MC
AUG 6	H.C Baitings Dam Knowdale
AUG 13	H.C Scanonden Longton & District MC

AUG 27 H.C Batings dam Triumph sporting MC

SOCIAL CALENDAR

Aug Tues 8th Crown, Boston Spa. AGM 8.30pm

Tues 15th Wharfedale PCT. Venue TBA

Tues 22nd Beehive, Thorner

Tues 29th Roundhegians, Chelwood Drive

Sep Tues 5th Crown, Boston Spa

Tues 12th Roundhegians, Chelwood Drive

Tues 19th Beehive, Thorner. Marshal's Meeting for Trackrod Forest Rally.

Tues 26th Roundhegians, Chelwood Drive.

Future Club Night Venues

It is proposed that at least once a month the members might prefer a different pub. If you know of a suitable venue please let Pam, Christine or Anne know. We have already had a couple of suggestions - fortunately they were'nt rude.

The Social Committee

Christine Goodall Anne Moffat 8 The Crescent. Leeds 17 Tel Lds 673491

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7 The Orchard, 201 Potovens Ossett Wkfd 262938

Pamela White Wrenthorpe Wkfd 829395

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29th September 1989

This week-long motor extravaganza is being resurrected this year by the BRSCC (British Racing and Sports Car Club) and comes to our area on the above date.

Basically the "Tour" takes in special stages (gravel and tarmac), race circuits and a number of autotests throughout the country and Northern (reland (tarmac stages). The event is for group 'N' vehicles and all must run on unleaded fuel. They will also be restricted to a certain number of pre-marked tyres. Additional ones can be marked in exchange for a time penalty!

The whole thing is being masterminded by Jim Porter and co-ordinated from Brands Hatch by Chris Belton, formerly of the RACMSA.

You may be wondering how all this affects Trackrod. Well it's like this. Russ Swift (he of the two wheel driving Montego fame) is organising the autorest side of things and has requested our services to run a series of 3 autotests - one pair in tandem and a single test. Also we will be running an "In" and an"Out" time control at Temple Newsum on the friday night between 8.30pm and 10.30pm approximately. Yes it will be dark and it will be floodlit with commentary!! - or so we are led to believe.

So make a note of the date as we will be needing a fair supply of time-keepers, marshals aswell as two test commanders to man the tests and for crowd control!!

The cars will arrive at Temple Newsum having tackled Harewood Hillclimb and afterwards will depart to Parc Ferme in Central Leeds. There they will have an overnight halt with a 7am restart Saturday morning from the Town Hall.

For the last two days the competitors are sent through Lincolnshire and Norfolk with another overnight halt in Cambridge before they finally finish at Brands Hatch on Sunday.

So let me have your names as I am sure you will not want to miss this classic event.

Richard Ineson

Motoring News Snatches - just a couple of things I thought you might find of 'interest'.

- * The danger of rally cars falling off trailers was highlighted after the Tobermory 200 Rally last weekend (MN 6.7.89). Robert Laidlaw's Escort, which finished 7th overall fell off its trailer on its way to the Mull Ferry. Luckily neither the car nor any people were harmed, although the lady whose garden the car landed in was none too pleased. (!!)
- The FISA Technical Commission has recommended that steel roll cages should be compulsory on rally cars from January 1, 1992.
- for all of you who are planning to do the RAC next year.

The Costa Stages Rally 30th July 1989

As secretary of the Costa Stages Rally I would like to thank all those who made the journey down to Manby to help out one way or another. We did order sunshine but!!

The event was a total success and was well received by all the competitors however car No.1 was excluded before the last stage for using illegally wide tyres.

Thanks to Roland (Shirt and Tie) Cross and the Leeds University Union motor Club Results Service for producing

up-to-the-minute results throughout the day. Just to show you can produce results and stay sober!!

I would especially like to thank Vince Fletcher and John and Margaret Smallwood who helped set the airfield out and clear up again a week later.

Results

1. Graham hawkridge/Shela Wadsworth Escort RS

2. Ken Hall/D.Riddiough	Escort KH4
3. Chris Lewis/John Richardson	Renault 5 Turbo
10.Alan Powell/Andrew Hobman	Escort RS RWD
23.Darren Moon/Jackie Smyth	Escort RS
26.Jon Fairweather/Bob Pearson	MG Maestro
33. Nicholas Dixon/P.Bewsher	Dolomite Sprint
39.George Cook/Lawrence Fowler	Austin
40.Mark Ryan/Slap Hall	Metro Escort RS
48.Steve Sanderson/Stuart Bell	Astra GTE

Last O/A. Shaun Hanlon/Mark Appleyard Escort

Thanks again to all concerned.

The Organisers

Note from the Clerks of Course

Thanks to all especially to a very supportive committee for splendid work and encouragement which resulted in an excellent event.

Hope to see you all next year.

Barry Dove and Beccy Kemp

Lord Mexborough's private car collection 18th July 1989

On Tuesday 18th July, 20 members from the Club met by the cross in Helmsley to visit Lord Mexborough's private car collection. We arrived at his "House" at exactly 7:00pm as he requested.

There were three garages for us to visit. In them there was:-

Garage 1

ACE Aceca Bristol
MGB GT Special Edition
Porsche 914/6
Porsche 924 Carrera '72 RHD
Porsche 911 Carrera German Rally Spec
Maserati Bora
Lamborghini Uracco (For Sale!)

Garage 2

Ferrari Mondial Convertable

- " 308 GTB (Reg No 308 GTB!!!)
- " 365 Daytona Spyder
- " 365 Daytona Coupe
- " 512 Boxer
- " 288 GTO (Reg No GTO 30)

All in RED. Beautiful sight.

Garage 3

Ferrari 246 Dino Spyder Lancia Stratus Chequered Flag (Reg No LOV 1) Porsche 959 (Reg No 959 MOT!!!)

- 911 Carrera RSR
- " 911 Carrera RSR Lightweight

They were all beautiful!! We were allowed to sit in some of the cars and take pictures. I propose to have an evening in the near future when everybody who went, and took pictures, will show them.

After we had looked round we were provided with light refreshments.

Lord Mexborough commented that it was nice to see a group of people so interested in his collection.

Look out for the photo evening and there might be another visit next year, I hope so!!

Peter Stanhope.

Club Membership

Dear All.

The membership still stands at 84 renewed and 13 new members.

Please let me know if you have moved house so that I can keep my records up to date, my address is at the rear of the mag. This will result in the mag being delivered quicker.

Application/renewal forms are available from most committee members or see myself, I am at most clubnights.

Enclosed this month is an application form, incase anybody has a friend who might wont to join.

Cheers for now and see you all at the AGM.

Peter Stanhope Membership Secretary.

I hereby apply for membership of Trackrod Motor Club Ltd and if accepted agree to abide by the rules of the club and the decisions of the Committee.
Name(s)
Address
Telephone No
Date Signed
Proposed Seconded
Please delete as appropriate.
Single membership £7.00 Joint/Family £9.00
Enclosed is Cash/Cheque for the correct amount.
Please fill in the page overleaf and return to the membership secretary. If this form is returned by post the membership card will be sent with the first magazine, unless a stamped addressed envelope is enclosed.
Please notify us of a change of your address.
Thank you.
For official use.
Membership No Comp
Membershin card

TRACKROD MOTOR CLUB MEMBERSHIP APPLICATION

Please complete the following section to give us as much detail as possible about your interest in Motorsport.

This information will be held on a computer, and will only be available to the Committee and organisers of Club events.

Please tick as appropriate,

experience you have had: -

I am interested in: -

		competing	marshaling	organising
a	Road Rallies		* * * * * * * * *	
b	Stage Rallies			
C	Autotests			• • • • • • •
đ	Production car trials	* * * * * * * *		
е	Hill Climbs			
f	Sportonoggins	• • • • • • •		
g	Treasure Hunts	3		
P.	lease give de	tails of a	ny previous	Motorsport

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D.	Sanderson Unsworth Powell	10 10 10	S. Bell D. Smith B. Dove	10 10 10
D. A.	Unsworth	10	D. Smith	10

Hunters Trophy (Navigational Scatters)

J.	Westmoreland/
_	A- 1

S. Sanderson 15

Well folks at last there are some Trophy points that are worth publishing, although I know for a fact that there are a lot of you out there that haven't claimed any yet, so come on and get them claimed before the 3 month time limit is up, and yet again let me remind you it is your responsibility to get a claim form filled in and passed onto to me, 'cos unless there is a form correctly filled out with results etc. then you won't get any points!!!! OK

It was decided at the last committee meeting that a points system would be introduced for anyone attending any Clubnight, and so from the lst Tuesday of June there will be a book for you to sign and for every clubnight you attend and sign in at you will be awarded 2 points per night which will count towards your points tally for the Trackrod Trophy, and it will be up to you to locate the book and sign yourself in.

Chris Sharpe Trophy Points Secretary

COMMITTEE MEMBERS

Cornedinator

Chairman Richard Simpson

69 Eastleigh Drive, Tingley Nr. Wakefield, Leeds 527031

Secretary Richard Anderson

28 Ash Tree Grove, Whinmoor

LS14 5LT, Leeds 608044

Treasurer John Renny

Scotland Villa, Scotland Lane

LS18 5SE, Leeds 582334

Editor & Roland Cross

Communications 41 Thornville Street, LS6 1JL. Leeds 754121

Competition Barry Dove

Secretary 5 Kenilworth Gdns, Gildersome

LS27 7EW. Leeds 536985

Trophy Points Chris Sharpe

Socretary 28 Lee Lane East. Horsforth

LS18 SRE. Leeds 580364

Chief Malcomn Jagger

Marshal 19 Springfield Close, Horsforth

Leeds 589683

Membership Peter Staphope

Secretary. 21 Woodhill Gdam, Leods

LS16 70D. Leeds 675685

betilpment Paul Telford

Diffire 9 Beechcroft Close, Cottingley

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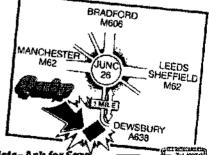
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