

HUSTLER

Journal of the kit car élite

no. 18



LEES

TAKE-AWAYS

T.B. & I.E. Faithfull

30 GEORGE STREET, WARMINSTER, WILTS. , BA12 8QB Tel: (0985) 218826

Here comes Summer. Get your buckets and spades! Lets hope its a scorcher. Although on second thoughts not to hot as my car tends to overheat a bit in the summer when its fully laden and towing the camper.

Also I am going to have to take the roof off this year and reseal it as it is now leaking quite badly, and I am sure we are bound to have a couple of wet days at least.

I am ashamed to say that the money I was saving towards my new Highlander has been frittered away on another house. I will have to postpone the Highlander for another year at least. Never mind one day!

Details further on in the newsletter about this years Hustler at Home. Don't miss it. I hope to see you all there.

HUSTLER AT HOME THE FIRST WEEKEND IN JULY

Please try to remember Your subscriptions Nos. 1 to 100 are now due. If you have not already renewed please do it today!

Articles for the newsletter are always welcome and always keenly read by other Club members.

GRUNTS



Next newsletter July 1988

As promised in the last newsletter, I wrote to Footman James & Co. reference Martin Polley 's exhorbitant insurance quote. I am afraid I never got a written reply, just a phone call saying that Martin 's application must have been quite some time ago and that they are sure they could come up with something comparable to his Norwich Union premium.

I suppose it all boils down to shopping around when it comes to insurance. If you know someone with reasonable insurance try their company, but I personally don't think the so called Specialist insurance companies are any better at providing insurance than any other company.

I have been with Norwich Union for about twenty years. I have always found them reasonable. When I had to make a claim a few years ago they paid out £700 for repairs without a quibble for my car which I am sure was not worth much more than £400. But having said that I have heard some real horror stories about Norwich Union from other people.

NATIONAL KIT CARS & SPECIALS SHOW MAY 1st - 2nd 1988

I have not received any more details of the stonleigh show other than those I published in the last newsletter.

So, I telephoned them last week and they said that nobody else has had any more details yet , as they had not sent any out yet!

I did confirm however that we have got a Club area. So I will see you all there .

I will try and make it for the Sunday & monday this year.

To hell with the Burgers and Pizza ,

CAR FOR SALE

Eric Weston has his car up for sale.

Hustler Huntsman I think its got a 1300 metro engine
Its a superb car, really well made and in excellent condition
At £2000 its got to be a bargain.

Telephone Eric on Shepperton 0932 241166

ANNUAL HUSTLER AT HOME 1988

Welcome to Park Farm. Once again Mr and Mrs Towns have kindly invited us all to attend the annual Hustler at Home on the weekend of 2nd & 3rd July 1988 (come Friday night if you wish.)

A map is attached showing the extent of the farm, which you are welcome to explore. Please avoid H, where pheasant chicks are being reared. If you want to walk round the lake(there is a bit of a clamber over the weir wall, but no worsethan getting into a Hustler) please do not linger on J, which is a private garden belonging to Combroke House, although there is a bridle path through to the village. Be kind enough to shut all gates, sheep have a nasty habit of escaping.

We will camp in the area marked A & B on the map, by the tennis court , which you are welcome to use.

You may swim from the landing stage, but please avoid the fishermen.. Water and toilets are at the back of the main house.

The barbecue will start at 7.00pm on Saturday in the Dutch barn. Bring your food and booze.

On Sunday morning the Combroke Festival will take place again at Park Farm . Those who attended last year will know how enjoyable this event was. Plenty to do and see for all the family. Traction engines, vintage cars, rural crafts and Hustlers.

Looking forward to seeing lots of you on ^{5th}20th July even if your Hustler is not yet finished or started please come and join us for a very enjoyable weekend or just come for the day if you wish either Saturday or Sunday.

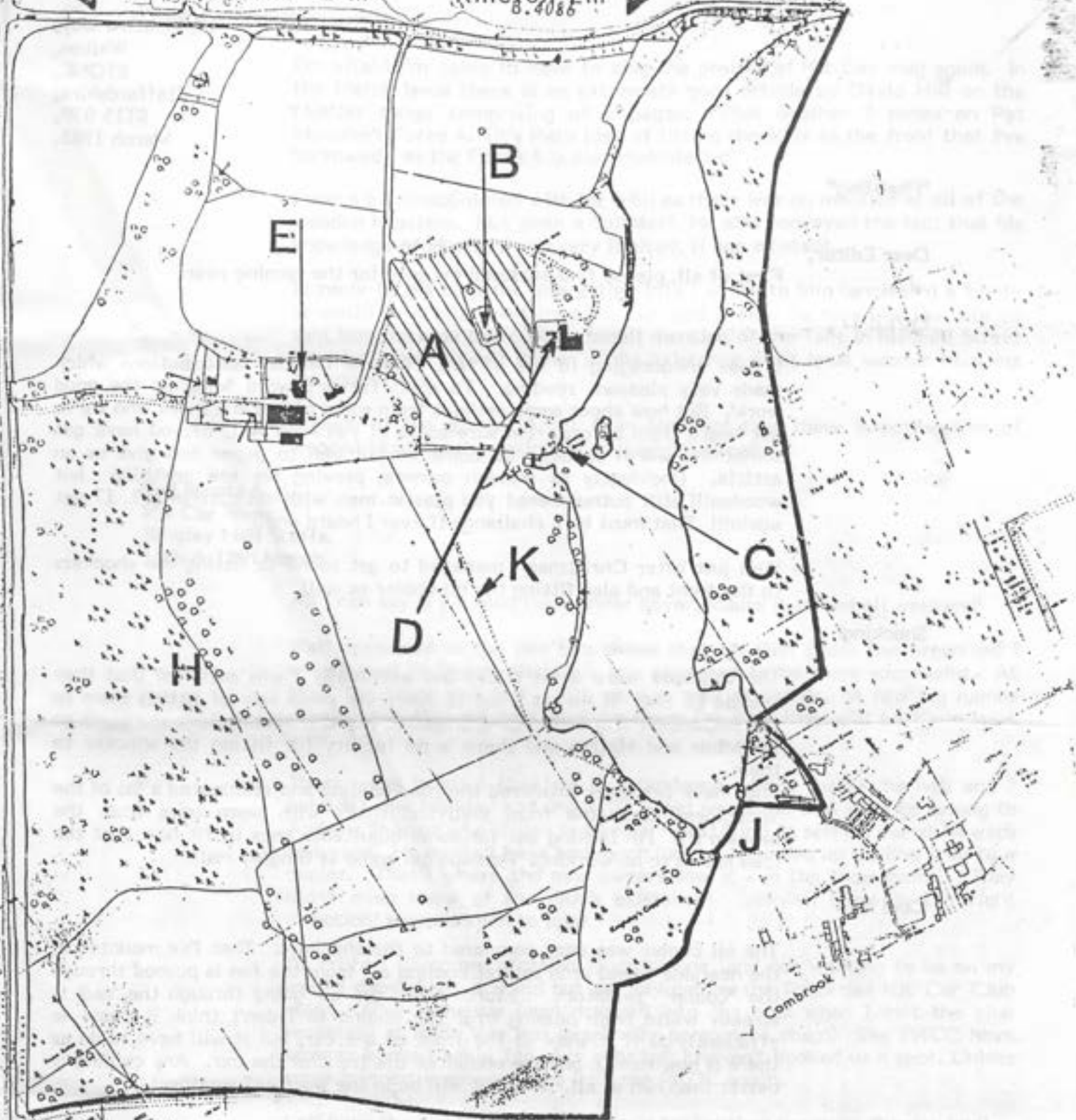
Let us hope the weather is fine.

Best regards,

Fewell

Wellesbourne 2 m

Kineton 2m
8.4086



A Camping Area

E Barbecue

J Private land

B Tennis Court

K Public bridleyway

C Swimming

H No go-pheasant chicks

D Toilets Water hose

48, Meadow way,
Walton,
STONE,
Staffordshire,
ST15 0JP.
March 1988.

"Post Bag"

Dear Editor,

First of all, please find enclosed my subs for the coming year.

En/Ell 17

It was encouraging to see in N/L 17 some healthy contributions which made very pleasant reading. To echo Trevor's word 'keep up the good work'. But how about some articles from some of you out there who we've not heard from before. I'm sure some of you - no ALL of you have got something worth saying. So come on put pen to paper and give us an article. (Incidentally us wooden owners, proving we are anything but wooden!!! still outnumbered you plastic men with articles in N/L 17 yet again!!! That must be a challenge if ever I heard one!)

Well just after Christmas I managed to get round to fitting the shockers to the front and also fitting the oil cooler as well.

Shocking!

The shockers were a bit tricky but eventually I was satisfied that they would be OK. It meant I had to fabricate some way of fitting them to the suspension arm as being Hydrolastic the arm casting isn't the same as for Minis and Metros and there is no facility for fitting the shocker to them.

They have certainly improved the road holding and eliminated a lot of the 'sponginess' from the front end, and that's with worn ones from the breaker's!!! I'm looking out for some adjustable ones to fit now that the idea seems to be working. Perhaps get some at Bingley Hall.

Cool It!

The oil cooler was easy compared to the shockers. That I've mounted in the nearside wheel arch so that cooling air from the fan is pushed through the "cooler" 'radiator'. Unfortunately the air going through the 'rad' is already warm from passing over the engine so I don't think it cools as efficiently as if it were at the front of the car, but it will have to do as there is nowhere to put the cooler at the front of the car. Any cooling is better than non at all. The test will be in the warmer? weather!

Wheel meet again

Aren't the price of wheel hubs expensive especially when you need an extra two!!!!
I went to a place in Manchester, when visiting relations, and for the wheels I fancied I wasn't prepared to pay £319 + VAT, and, I also need a couple of tyres as well! The money can be put to better use - like two new tyres, oil, exhaust (which I've just had to change also after 2½ years), etc.. The wheels I've got on will have to do until I come across someone selling a set. Unfortunately they tend to be sold 4 or in 5's not 6's!!

Towns' Counsel

I'm afraid I'm going to have to sing the praises of Kit Car mag again. In the March issue there is an extremely good article by David Hill on the Hustler range comprising of 4 pages. Plus another 3 pages on Pat Moulder's Force 4. (It's Pat's idea of fitting shockers to the front that I've borrowed, as the Force 4 is also Hydrolastic)

I was a bit disappointed with Mr Hill as there was no mention at all of the wooden Hustlers. Not even a Splinter! He also conveyed the fact that his knowledge of Hustlers was very limited, if non existant.

In reply to his plea for interesting info I wrote to him (enclosing a 'photo as well!) soon after he joined 'kit car' and I know he received the info I'd sent him because there was a small mention of the fact in his 'Hill Street News' column. So he's known of the existance of at least wooden Hustlers for some time.

Enough of the gripes. Apart from the fact that there is no mention of wooden Hustlers the article is well worth a read.

2nd Sports &
Kit Car Show
Bingley Hall Staffs.
12th & 12th March

All I can say is I'm glad I was under cover, 'cause it rained all weekend!

Well compared to the last two shows that Mr Ron Clark has organised I am pleased to report that this one appeared to be more successful. At least the place was full - with cars as well as people. A few big names missing but if word gets back to them I'm sure they will be there next year.

There were in all 3 Hustlers in attendance. Mine inside the hall and 2 outside - one Holiday and one 1100 based wooden 6 that used to belong to Andrew Spolton who if you remember was trying to sell his car at Newark last year. He mustn't have had much luck as he ended up trading it in to a dealer. That's where the new owners saw it - in the show room. They didn't even know of the club's existance! (pointed them in the right direction! seemed keen to join)

As I'd had no communication from anyone (and not wanting to be on my own) I didn't book a stand but put my car on the Potteries Kit Car Club stand. (I've somehow been dragged into the club when I met the club secretary at Belle Vue last year! very persausive chap!) The PKCC have already booked again for next year but I haven't booked us a spot. Unless some interest is shown I'll go with the PKCC again.

Let' hope the weather at Stoneleigh is better than it was at Bingley Hall. I'm hoping to go down on the Saturday afternoon. See you there!

Keep Hustlin'

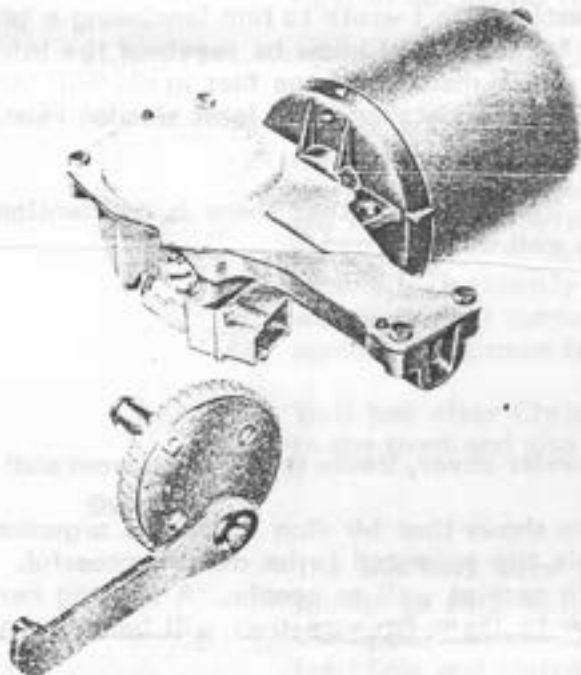
KSSS (Keith Sharp-Stone-Staffs!!!)

KS³

24 Montrose Park
Brislington
BRISTOL
BS4 4JF

18 March 1988

WINDSCREENWIPERS



The windscreen wiper assembly fitted to most Hustler Donor Cars consists of a Lucas single or two speed permanent magnet electric motor with an integral gearbox. The drive is transmitted through a gear and connecting rod assembly to a flexible rack running through formed tubing to one or two wheelboxes.

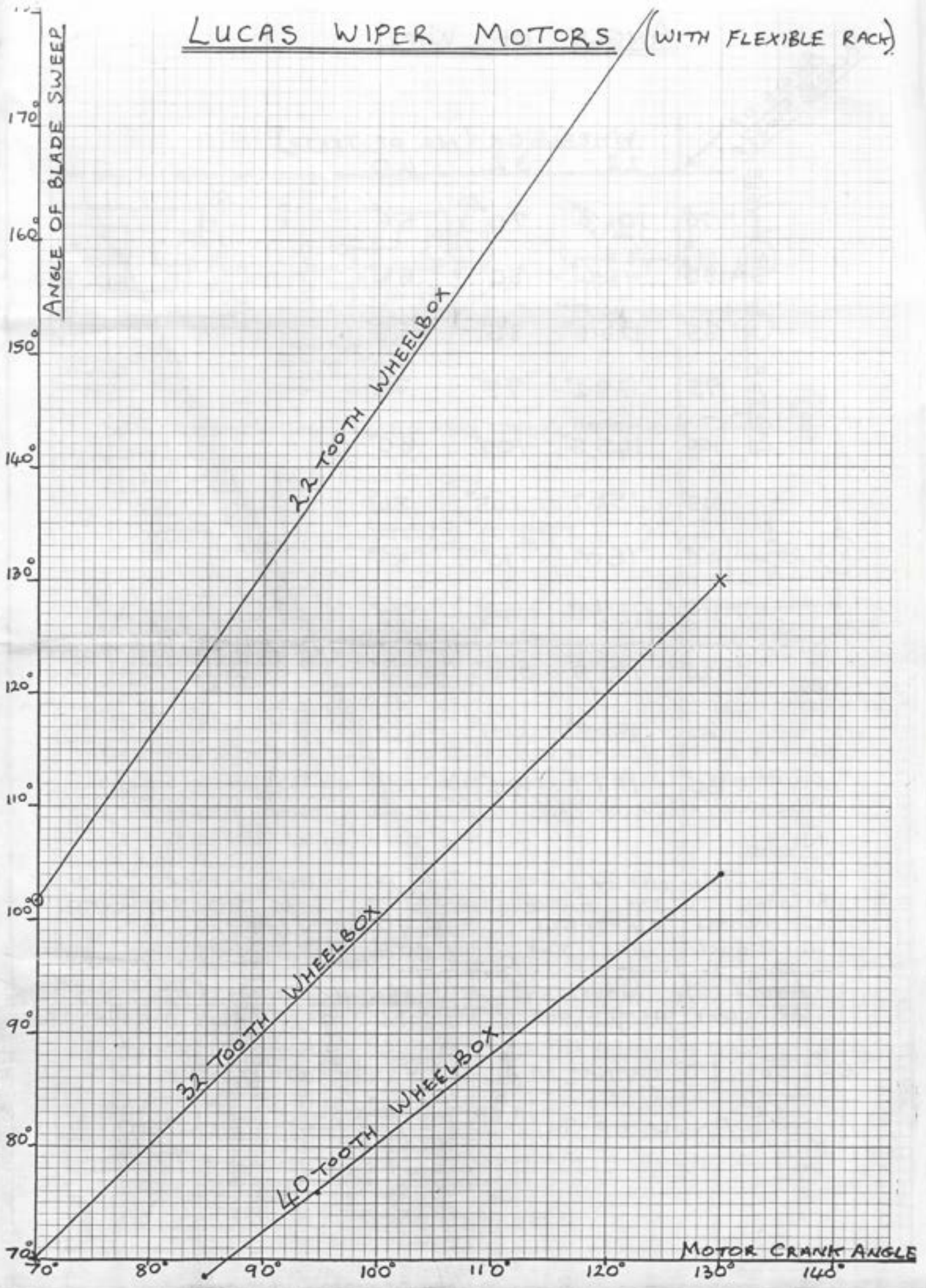
In order to obtain the required sweep, a suitable combination of crank and wheelbox is required. Crank assemblies are now produced and marked with angles of 70° ; 80° , 85° , 95° , 100° , 105° , 110° , 115° , 120° , 125° , and 130° .

Wheelboxes are produced with 32 teeth and 40 teeth and you may

be lucky to obtain one of the older 22 teeth variety (Has anyone come across any others?). The angle marked on the crank assembly refers to the sweep obtained with the standard 32 tooth wheelbox, and therefore by using other wheelboxes a whole new set of angles of sweep can be obtained. By referring to the graph or the chart that follows you can select the correct combination to suit your particular requirements.

Typical wiring diagrams are shown below. NOTE in order to convert from single to two speed you need to buy a two speed brush assembly and modify your wiring as shown below.

LUCAS WIPER MOTORS (WITH FLEXIBLE RACK)



ANGLE OF WIPE

ANGLE OF SWEEP BLADE	<u>WHEELBOX (NO. OF TEETH)</u>		
	22	32	40
70°	101.8°	70°	56°
80°	116.4°	80°	64°
85°	123.6°	85°	68°
95°	138.2°	95°	76°
100°	145.5°	100°	80°
105°	152.7°	105°	84°
110°	160°	110°	88°
115°	167.3°	115°	92°
120°	174.5°	120°	96°
125°	181.8°	125°	100°
130°	189.1°	130°	104°

NOTE

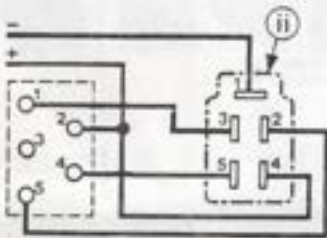
THE ANGLE MARKED ON THE WIPER MOTOR CRANK RELATES TO THE ANGLE OF WIPE USING THE STANDARD 32 TOOTH WHEELBOX. FOR 40 TOOTH OR 22 TOOTH WHEELBOXES USE THE FORMULA :-

$$\text{ANGLE OF MOVEMENT OF WIPER ARM/BLADE} = \frac{\text{MOTOR CRANK ANGLE} \times 32}{\text{NO. OF TEETH ON WHEELBOX.}}$$

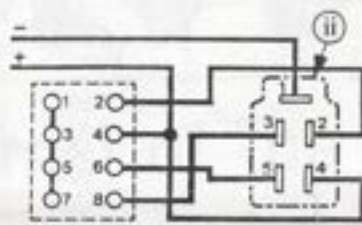
e.g. For 110° CRANK AND 22 TOOTH WHEELBOX

$$\text{ANGLE OF SWEEP} = \frac{110^\circ \times 32}{22} = \underline{\underline{160^\circ}}$$

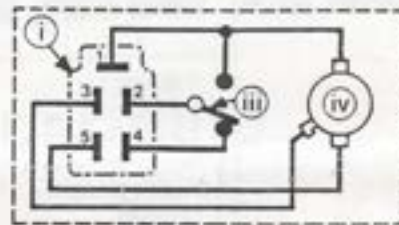
Two speed, Deux vitesses, Zwei Drehzahlen, Dos velocidades



Switch Model 159SA
Commutateur modèle 159SA
Schalter Modell 159SA
Interruptor modelo 159SA

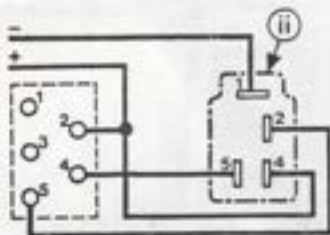


Switch Model 57SA
Commutateur modèle 57SA
Schalter Model 57SA
Interruptor modelo 57SA

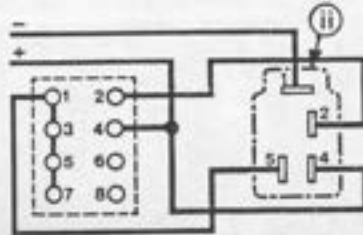


Typical Wiring diagrams, Schémas typiques de câblage, Schaltpläne, Diagramas típicos de cableado

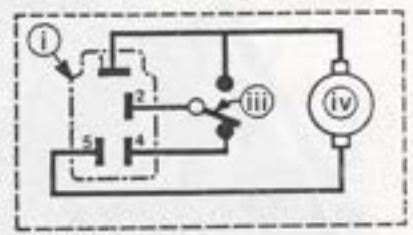
Single speed, Une vitesse, Eine Drehzahl, Una velocidad



Switch Model 159SA
Commutateur modèle 159SA
Schalter Modell 159SA
Interruptor modelo 159SA



Switch Model 57SA
Commutateur modèle 57SA
Schalter Model 57SA
Interruptor modelo 57SA



The parking position of the arm and blade can be altered by prising the crank from the gearwheel and re-positioning it through 180° or at the wheelbox end by rotating the wheelbox through 180° so that the flexible rack passes below the pivot instead of above or vice versa.

Some of this information and diagrams is reproduced with the kind permission of Lucas Electrical Ltd., Birmingham.

JOHN E. BRAZIER.

12
TEE - SHIRTS

1. **SIZES** Chest or bust size in inches, 2" size steps

1. Inches	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50
2. Ladies' Bust						10	12	14	16	18	20	22	24	26	28
3. Men's Collar						13½	14	14½	15	15½	16	16½	17	17½	18
4. Children's Ages	2	4	6	8	10										

A. LOOK AT THE PRICE GUIDE

Item	Price Guide	
	From	Average
T Shirts	1.95	4.95
Sweatshirts	4.95	8.95
Sports Shirts	6.95	12.95
Men's Shirts	6.95	10.95
Ladies' Blouses	6.95	10.95
Overalls	19.95	24.95
Jogsuits	19.95	24.95
Tracksuits	24.95	29.95

04868 7068



04868 7068

The address for those who wish to visit the shop is:

3 New Road, MILFORD, Surrey.

On the A3 next to the 'White Lion Pub'

Club Badges as on the right.

Cloth, Black & White.

£1.20 each.

Club Keyrings as on the

left. 30. pence each.

Cheques made payable to 'Hustler Owners Club.'

Send to :

Trevor Faithfull
 30 George Street.
 WARMINSTER
 Wilts.

