

## Postal Address

CITROËN CLASSIC OWNERS CLUB of AUSTRALIA Inc.
The address of the Club and this magazine is:
PO Box 52, Balwyn,Victoria, 3103.
The Club's website is:
www.citroenclassic.org.au
Citroën Classic Owners' Club of Australia Inc. is a member of the Association of Motoring Clubs.
The views expressed in this publication are not necessarily those of CCOCA or its Committee Neither CCOCA nor its Committee can accept any responsibility for any mechanical advice printed in, or adopted from, this publication.
The Club cannot accept any responsibility for, or involvement in, any business relationship that may occur between an advertiser and a member of the Club.

## Cover Image

The cover image is from a French brochure for the Xsara Picasso from 2006.

## Membership

Annual Membership is \$35 and printed editions of 'Front Drive' are posted to Australian addresses for an additional \$45 per year.

## Meetings

Club meetings are held on the fourth Wednesday of every month [except December] at 7:30pm. The venue is the Frog Hollow Reserve Rooms, Fordham Ave., Camberwell.

## committee

President ~
Ted Cross
[03] 98।9 $2208[\mathrm{H}$
president@citroenclassic.org.au Secretary ~ Sue Bryan $0412518849[\mathrm{M}]$
secretary@citroenclassic.org.au
Treasurer ~ Ian Macdermott
0419362375 [M]
treasurer@citroenclassic.org.au Activity Coordinator ~ Lee Dennes 0438286 I8। [M] activities@citroenclassic.org.au Spare Parts Officer ~ Max Lewis 0458993771 [M] spareparts@citroenclassic.org.au Publication Editor ~ Leigh Miles editor@citroenclassic.org.au
Web Site Manager ~ Bruce Stringer 0412342706 [M]
websitemanager@citroenclassic.org.au Committee Persons ~

$$
\begin{array}{lll}
\text { Marg Towt } & 0408373181 \\
\text { Russell Wade } & 0401859704 \text { [M] }
\end{array}
$$

## Contributors

Contributors to this edition of 'démarreur' include Ali Azeez, Chris Bailey, Christophe Bonnaud, Eóin Doyle, Greg Feinberg, Jim Forrest, Max Lewis, Gerry Propsting, Rita Robinson, Tom Stewart, Roger Thiedeman

## Deadline

The deadline for the next edition of 'Front Drive' is Sunday, 19 November and for the next 'démarreur' it is Sunday, 24 December.

## fitroenning

Club Permit applications to VicRoads must be accompanied by a RWC [pre 1949 cars can be inspected by a Club Safety Officer], ownership validation and VicRoads forms endorsed by
the Club including financial validation.
New Permit holders must supply the Club with approved photos, club permit number and expiry date.
While Club permit renewals
can be done via the post CCOCA encourages you to do this via the internet and email. It is faster, simpler and safer than the post. Payment can also be completed via yourVicRoads on-line account

## support

Membership Secretary ~
Ian Macdermott 0419362375 [M]
treasuren@citroenclassic.org.au
Asset Custodians ~ Ted Cross Max Lewis
AOMC Liaison Officers ~
Max Lewis 0458993 771 [M]
Russell Wade [03] 95703486 [H]
Club Permit \& Safety Officers ~
$\begin{array}{lll}\text { Ted Cross } & {[03] 98192208[\mathrm{H}]} \\ \text { Philip Rogers } & {[03] 59443091[\mathrm{H}]} \\ \text { Russell Wade } & {[03] 95703486[\mathrm{H}]}\end{array}$
0458993 77। [M]
librarian@citroenclassic.org.au
Club Shop ~ Vacant
clubshop@citroenclassic.org.au
CCCR Representative ~
Ted Cross [03] 9819 $2208[\mathrm{H}]$
Facebook Administrator ~
Rita Robinson 0435530780 [M]
acebook@citroenclassic.org.au

## Lfe Members

The committee awards life membership to Club members in recognition of their contribution o, and support of, the Club. Life memberships have been awarded to Arthur and Nance Clarke 198
ack Weaver 1991
Peter Boyle 2003

Ted Cross 2012
Rob Little 2012
Sue Bryant 2017
Brian Wade 2017
Leigh Miles 2022
Lance Wearne 2023

## contents

ED SED PAGE 4
PREZ SEZ
PAGE 5
A-TRACTIONS PAGE 6
HELLO DOLLY PAGE 20
TALKING TECHNICAL:
HOOD LINING PAGE 20
RECENT DOINGS: QUIZ
BINGO
PAGE 23
RECENT DOING: ALL
FRENCH DAY PAGE 26
TRACTION 90: FRANCE
PAGE 30
VOISINS VENDÉENS PAGE 32
ALL SEEING EYE PAGE 34
IN DEPTH WITH DAN
ABRAMSON PAGE 39
THE XANAE STORY PAGE 50
TWO FROM DE GAULLE
PAGE 61
3,749 CUBBY LOCKERS
PAGE 66
YOU SED PAGE 8I
RACING TRACTIONS IN
CEYLON
PAGE 83
MEMBER'S MODEL: 1937
I| B FAMILIALE PAGE 86
TOTALLY TRACTION
PAGE 92

SPARE PARTS \& TOOLS
Contact Max Lewis. Phone: 0458993 771 [if you do phone, please do so at a reasonable hour] or spareparts@citroenclassic.org. au

CLUB SHOP
Club Shop is presently not operating. For further information please contact the Club's President

OTHER CLUBS
Vic www.citcarclubvic.org.au NSWmuw.citroencarclub.org.au QLD www.citroenclubqld.ore SA www.clubcitroensa.com WA www.citroenwa.org.au

$\sqrt{7}$he first thing I have to do this month is apologize [again] for poor proofing of last month's magazine. Yes, Bruce Stringer proofs the magazine before it goes to the printer or onto the website, but in the final analysis, all the faults are mine. Thank you however to those who responded so generously to my 'mea culpa' email. A fully corrected version of the edition is available on the website which you can download at any time.
THE PICASSO IS DEAD. LONG LIVE THE PICASSO.
Back in 2018 Citroën stopped using the Picasso name in association with their MPVs. The name first saw the light of day with the launch of the Xsara Picasso back $25 y e a r s$ ago. It subsequently appeared on two series of the C4 Picasso and the C3 Picasso.
They sold I,316,000 of these in Europe, plus sales in South


America and China. A further 891,000 Series I C4 Picassos and another 732,000 of the Series II were sold. Add to that the 658,000 C3 Picassos and that famous name appeared on a lot of cars.
Not all the Picasso family thought the licensing of the name was a good idea. Picasso's granddaughter, Marina, even sued her uncle Claude over the license in 1999.
Actually, as you will read in this edition Citroën was successfully sued by a Greek designer who claimed that PSA had stolen his design when they created the Xsara Picasso.
We have lots of features about the X sara Picasso includ ing two major articles by the car's real designer and a comparative road test from 2000 No, the Picasso does not come out on top!
OUR PICASSO IS DEAD. LONG LIVE THE C5 $\times$.
While we on the subject of the Picasso, some members may recall that in the UK we own a Series II C4 Picasso diesel. Post-Covid, after the car sat in the garage unused and unloved for a couple of years, this car has cost us a good deal of money with significant amounts being spent on the gearbox, clutch, fuel injectors [for a second time]... Over 2022 and 2023 we spent almost $£ 10,000$

Continued on page 6

Apecial welcome to Please enjoy reading this edition of 'Front Drive'. Leigh has some more history of a model that was not sold in Australia, but did well in Europe and created a new niche in a crowded market place. It is a bit scary to note that all the Xsara Picasso excitement happened last century! Now read on and enjoy.
Recently CCOCA has been busy upgrading our communications and services to our members. In addition to our already great website, which should be your first point of call for official club news and future events, our Facebook page has been busy interacting with other Citroën enthusiasts.
Rita Robinson has been busy recently promoting the 2023 French Car Festival [FCF]which we ran on October 22 with our sister club, CCCV. I wish to thank the many members from both clubs who gave up their time to help run this important event. I was thrilled to see that our member Richard Homersham won the best Citroen prize with his 1954 Traction Avant II BN. This is a well-deserved award $\sim$ congratulations!
I am pleased to report the event was very successful, even though the weather was not very kind to us. One of the sponsors for the event was

Shannon's Insurance ~ they are now an advertiser in Front Drive and we encourage you to try them for a quote when your next insurance policy is due.
We also had Melbourne City Peugeot/Citroën dealers supporting us, together with Elena from Ateco Group representing the Renault dealers around Melbourne. Electric models from Europe are in the ascendancy at the moment, and we were treated to several new models at our event. The clubs all work together at these events, and the FCF has become a popular event for all.
This all means that CCOCA has recently broadened its reach and influence in Victoria and beyond. I see the Peugeot/ Citroën partnership selling cars in Australia as a unifying arrangement. Let us all hope that Citroën new cars continue to sell. Their electric models are coming soon.
Ted Cross ~ President


## Continued from page 4

keeping it on the road. This year the gearbox went to God for a second time and we baulked at spending another [estimated] $£ 5,000$. So when we arrive in the UK next year we hope to be greeted by a new C5 $\times$.
All French Day was just a couple of weeks ago and we have a report on the Club's Quiz Bingo night in September which by all accounts was a huge success.

Over the years many members have written technical articles based on their own experience of working on their cars. I am sure everyone is aware
of Graeme Dennes excellent work on technical matters for 2CVs. But old editions of 'Front Drive' from the days before the website are full of technical articles. This month I am republishing one of the oldest of these. Written by Gerry Propsting it tells how to re-trim the hood of your Traction. There will be more of these old features in coming issues.
Chris Bailey is here with Tractions tales from the UK, of course.
Something for everyone? I hope so.
Enjoy.
Leigh F Miles ~ Editor

## A-Tractions

Please note: To book or RSVP for a CCOCA organised event you must register on line at the club's website. Do not contact the organiser
to register your attendance.
The Club strongly recommends wearing a mask in areas where you cannot maintain social distancing.

## - November

11th Gateway to
Cippsland Rally
WHEN: Friday, 3 to Monday 6,
November
TIME: $\quad$ From 16:00
WHERE: Warragul and district COST: $\quad \$ 80$ per vehicle, plus \$142per person [under 12 $\$ 69.50$, excl Dinner Dance]

BOOKINGS: Essential MORE INFO: Eric Bishop, 0409452170
events@wgvrcinc.com.au
DO NOT CALL ERIC TO REGISTER! You can download the booking form via the CCOCA website https://citroenclassic. org.au
GIPPSLAND GATEWAY BOOKING
West Gippsland Vehicle Restor-
ers Club Inc invites you to the 'Gateway to Gippsland Rally'. Melbourne Cup Weekend! Join us and enjoy the 2023 event in your Veteran, Vintage, Classic or Post-Classic Vehicle.

- Friday, 3 November

16:00 to 19:00: Registration at Masonic Hall Korumburra Rd. Warragul. Tea/coffee/snack food.

- Saturday, 4 November

08:30: Completion of Registration. Morning tea provided
09:30: Official opening of the Rally and scenic drive to


Noojee. Lunch at the Noojee Pub. The evening will be free for participants to do as they wish.

- Sunday, 5 November

09:00: Morning tea/coffee at the Masonic Hall.
10:00: A briefing prior to the Show and Shine event at the Masonic Hall.
12:30: Short run to visit and have lunch at the Holden Museum in Trafalgar. Alternatives include Old Gippstown at Moe or Yarragon. 18:30 for 19:00: Pizza/Movie Night at the Masonic Hall.

- Monday, 6 November

09:30: Masonic Hall for morning tea/coffee
10:00: Drive to the BryantPark Hill Climb venue often described as the best Hill Climb track in Australia! Participants will be able to drive around the track for a bit of fun, but there will be NO RACING! Tea coffee and lunch will be available. Return to Warragul about 15:00, and you can make your own way back having a look around the area possibly including a stop off in Yarragon 19:00: Dinner Dance at the Drouin Golf Club [Cash bar]. Tea/ coffee provided. Dress Code: 'Dress for the era of your car'. There will also be an Auction of Motoring Memorabilia. A bus will be

## A-Tractions

provided to pick up/drop off participants for this event from Warragul and Drouin ~ please advise whether you wish to take up this offer. Exact time and location will be confirmed at registration.

- Tuesday, 7 November 08:00 to 09:30: BIG BREKKY ~ Say farewell to all your mates.


## Yea Open Gardens

Weekend
WHEN: Friday, 10 to Sunday, 12 November WHERE: Yea, Victoria COST: Weekend pass to all gardens \$40pp BOOKINGS: Essential BRING: Everything for a weekend away MORE INFO: Marg Towt, marg.towt@bigpond.net.au DO NOT CALL MARG TO REGISTER! You must register/ book via the CCOCA website https://citroenclassic.org.au YEA WEEKEND BOOKING
The Yea Rotary Open Gardens is an annual event, which has
been happening for the past II years. It showcases both town and country gardens found in the Yea and surrounding areas Eight gardens are available to visit. Visitors to any garden will have the opportunity to speak to the garden owners, experience a wide range of individual and inspiring garden designs and enjoy the environs of Yea and its surrounds. Rotary volunteers man each of the gardens providing assistance and local information to visitors. In addition, the local Yea Garden Club holds its annual plant sale which has gained the reputation of providing many varied and unusual plants at very reasonable prices.

- Accommodation [2night stay] Alexandra Motel \& Motor Inn 76 Downey Street Alexandra 3714.

Friday 10 \& Saturday $|\mid$ November. [03] 57722077 Bade or Cassie. Telephone book only. DO NOT book on line!



This Motel was being held exclusively for our Citroën group until IO October 2023.
There are limited rooms, so book early! It is a 20 minute drive from Yea, and has local pubs and shops within a five minute walk.

## Shannons American <br> Motoring Show

WHEN: Sunday, 19 November TIME: 09:00 to I5:00 WHERE: Caribbean Park,

Ferntree Gully Rd., Scoresby COST: Display cars: $\$ 15$, inc passengers
Spectators: Adult \$8. Children
Free.
BOOKINGS: Not required
BRING: A Picnic lunch
MORE INFO: AOMC,
www.aomc.asn.au 0473832277
Food and refreshments will be

available. There will be children's entertainment and trade stalls.
Dogs are allowed into the display area, subject to them being on a lead at all times and in the knowledge that it is the dog owner's responsibility to ensure droppings are deposited in the rubbish receptacles provided
Proudly promoted and organised by the Association of Motoring Clubs representing the interests of the classic and historic motoring movement since 1976.
November Monthly Meeting
WHEN: Wednesday, 22 Nov'r
$\qquad$
WHERE: Frog Hollow Reserve Rooms, Fordham Ave., Camberwell

## COST: Free

BOOKINGS: Essential for cater-
ing by Monday, 20 November

## A-Tractions

BRING:
MORE INFO: Lee Dennes, 1.dennes@bigpond.net.au DO NOT CALL LEE TO REGISTER! You must register/book via the CCOCA website https:// citroenclassic.org.au
NOVEMBER BOOKING
Come along and say 'farewell' to Frog Hollow! With the overdue refurbishment about to begin we do not know when [if ever] we will be back.

## - December

Combined CCOCA \& ccCV Christmas Spit Roast


WHEN: Sunday, 10 December
TIME: From 12:00
WHERE: Frog Hollow Reserve Rooms, Fordham Ave.

Camberwell
COST: - $\$ 20$ per person BOOKINGS: Essential by Friday

I December
BRING: Tables, chairs, glasses and refreshments
MORE INFO:

## Lee Dennes,

I.dennes@bigpond.net.au

DO NOT CALL LEE TO REGISTER! You must register/book via the CCOCA website https:// citroenclassic.org.au
CHRISTMAS ROAST BOOKING
This year your Club will be subsidising a spit roast lunch for you to enjoy at our end of year gathering.
There will be a selection of roast meats and salads including those Christmas favourites, honey glazed ham and freerange pork with crispy crackling. For dessert there will be plum pudding with brandy custard along with other decadent festive dishes.
Special Dietary Requirements will be catered for. [See Registration Form].

Please note that the \$20pp price is for Club members and their immediate families. The price for others is \$40pp.


## A-Tractions



Learn about the traditiona lifestyle of Tasmanian Aborigina people at the Tiagarra Aboriginal Culture Centre and Museum, which displays petroglyphs and designs in rock. Along the

## A-Tractions


boasting an unrivalled location in the heart of the city. With city, park and water views, it is perfectly positioned within easy reach of shops, restaurants and the Spirit of Tasmania terminal. Relaxed, family friendly and welcoming. Home to the Spirit of Tasmania and known for its reserves, cycling, walking tracks, recreational facilities, beaches and rivers Devonport makes a great base for your holiday to Tasmania with ease of access to explore the North Coast and neighbouring towns.

- Novotel Devonport Contact details
2 Best St., corner of Rooke and Best Sts., Devonport, Tasmania, Australia 7310.
You can book your accommodation by going to www.idem.events/r/citroen-car-club
NOVOTEL BOOKING
* Securing accommodation is your responsibility
ALTERNATIVE ACCOMMODATION
A selection of alternative accommodation options, including motels, B and Bs and caravan parks, will be publicised on our

Website www.citroentas.org shortly.
REACH ONE'S DESTINATION.
Come on board.
Spirit of Tasmania
www.spiritoftasmania.com.au

* Securing travel is your responsibility, sailing bookings are limited so don't miss out on this great adventure. Book now !!!!!
Florence Thomson Tour
WHEN: Friday, 26 to Sunday, 28


WHERE: Based around Wangaratta
BOOKING: Essential by 24 November
MORE INFO:
florencethomsontour@gmail.
com
In February 1905, Florence Thomson was the sole female entrant in the Dunlop Reliability Motor contest from Sydney to Melbourne. Mrs Thomson was one of the 16 entrants who suc cessfully completed the five-day trial, driving a six horsepower Wolseley, over what was then nothing more than 562miles of dirt track between the capital cities.


Tasmania



Shannons are giving motoring enthusiasts the chance to win a trip for two to the 2024 Monaco Historics, one of the world's most nostalgic motorsport events.
he II-day trip includes premium economy airfares, luxury accommodation in Paris, Nice and Monaco, first class high speed train tickets to Nice, exclusive Monaco Historic Race hospitality tickets and $\$ 10,000$ spending money for eligible Shannons lub Members.' Plus, win an all-new Indian Motorcycle FTR Sport in White and Indy Red! Including up to 12 months Shannons Comprehensive Bike Insurance and Shannons Roadside Assist. ${ }^{2}$ You could win over $\$ 90,000$ in prizes!
Existing Shannons Customers. One entry for each Car, Bike
or Home Insured
To view conditions and take out an eligible motor or home insurance go to shannons.com.au/monaco or call 1346 46. Competition closes 13 December 2023. NSURANCE FOR MOTORING ENTHUSIASTS | CALL 134646 FOR A QUOTE | SHANNONS.COM.AU
ne'uos'uoptubiczl'mмm Nand

 ins comperamon:

## A-lractions



To celebrate the pioneer ing spirit and contribution of women to Australian motoring, The Florence Thomson Tour was created as an annual event in April 2017 by the RACV.
The Florence Thomson Tour is proudly brought to you by the Association of Motoring Clubs [AOMC] on behalf of the RACV. The Tour celebrates the pioneering spirit and contribution of Women to Australian motoring. So, ladies, please put the date in your diary so you don't miss out.


| Chit Chat Tuesday |  |
| :---: | :---: |
| WHEN: | Ist Tuesday |
|  | 7 November |
|  | 5 December |
|  | 2 January '24 |
| TIME: | 10:00 |

WHERE: Laneway Espresso Café, Dromana

COST:
BOOKING: Cheap Eats BOOKING: Not required CONTACT: Warwick Spinaze 0407016719.

Laneway Espresso Café next door to the Dromana Hotel, 167 Nepean H'way, Dromana. Easy to find, plenty of parking, under-cover seating if weather wet. This is a low key 'DIY' event for like minded Citroën owners to
meet and chat.

## SPECIALISTS IN SUPPLY OF UNIQUE AND HARD TO FIND TYRES



STUCKEY
TYRE
SERVICE


828 Sydney Road Brunswick Victoria 3056 Phone(03) 93865331 wwwstuckey.com.au

## Talking Technical: Hood Lining

Restoring a car should be a hobby. Many people pay for work to be done to their cars. Perhaps this is because they either haven't the time, or maybe they just lack the confidence to tackle the work themselves. It is a' far more rewarding experience to have 'done it' oneself, and I hope this article will encourage people to tackle at least one part of their restoration themselves.
Firstly I must say, I am no motor trimmer. The following information was given to me by Robert Bonner, a member of the VDC. I tried it and it works. Anyone who has any further tips could also help by sending their comments to 'Front Drive'. Or conversely, anyone who disagrees with these methods please write and correct me before everyone louses up their material. In any case, I wish you luck, and go to it!
The principal details of this article apply to Citroën Light Fifteens 1946-52, but can be adapted to other models.

Divide car front to rear with piece of string looped around the hood bows.


2 Use stiff brown paper to trace an exact pattern of each hoodbow to string segment on the left [or right] of the car.You only need to make one half of the hood sections as a pattern. To make the pattern, place the paper behind the bows and string and do each pattern separately.
3 When you have cut each pattern segment, number it and chalk the corresponding number to the roof of the car [to keep the pattern in order]. Also mark each piece with FRONT and REAR


4 You now have to decide on your material. English cars to 1954 used cloth, and this is best reproduced in hoodlining felt. This material will stretch under tension, and allowances must be made now by reducing the hood bow edge of your pattern by $1 / 2$ inch either side.
5 Lay your material out and double it end to end. Pin each pattern segment to the material so that the centre edge aligns with the fold of the material. Separate each pattern by approximately 3-4". Mark the edge of the patterns corresponding with the hood bows exactly. This will be your stitching line. Now allow I $1 / 2^{\prime \prime}$ outside the edge of the pattern, mark and cut along this line. This will become the pocket for the hood bow.


Allow extra material to the edge of the pattern corresponding with the outside of the car. This will be cut off later when the lining is in position.
6 Carefully join each section to the next and sew. Your domestic sewing machine will cope if the stitch is set at $1 / 8^{\prime \prime}$ to $3 / 16^{\prime \prime}$, and button thread [available to match the felt] is used. Make the hood bow pocket as in the diagram.


7 IMPORTANT. As the roof lining goes into a car after the draught excluder has been fitted to the door, make sure it fits well NOW. You can't adjust it later. Probably the seats are out [it will be easier if they are] so clean the car thoroughly and lay some old sheets to protect the lining from dirt.
8 Starting at the back, take down each hood bow in turn, and insert it in the corresponding hood lining pocket Now put it in position. See where the centre clip for the bow will fit and cut the lining 2 " either side of this and lock over the clip with a hammer. See diagram. Now proceed for each bow in turn


9 Attach the hood lining to the centre of the rear nailing strip [staple gun or cut tacks] pulling the lining fairly tight. Do the same at the front nailing strip. Work out from the centre, front and rear, left and

## Tralking Technical: Hood Lining

right alternately to even the tension. DO NOT CUT THE REAR WINDOWYET!
I 0 Now, starting at the centre pillar on either side, work both to front and rear, pulling out the slack as you go. You may have to cut back each pocket as you go to prevent a square appearance at the sides of the lining. On some cars the sides are attached using blind tacking. This can be done with $2^{\prime \prime}$ brads with the heads cut off. See diagram.

|| The corners of the car are done last as this allows wrinkles to be removed.
12 Put the rear window frame in and tighten. Now cut out excess material. You will notice more wrinkles come out
13 Make rear quarter panel boards as below. The board must extend past the tacking rail to put tension on hood lining when it is fixed.
14 Cover and attach quarter panel trim boards, and fit into place using blind tacking to the trim rail with $3 / 4$ " brads The hood lining should now

pull tight and have no wrinkles. Cover and attach front trim board
I 5 Congratulations, you just saved yourself a fortune at the motor trimmers, and you have a job you can be proud of.
This article, by Gerry Propsting, first appeared in 'Front Drive' Volume 2, No 4 and is the first in a planned series where we will reprint technical articles written by members in years past. We hope they may be of interest and of use to newer members of the Club.
 night would be so well patronised?
Not me... bingo means something else to me


Well, what a turn up.
I didn't count the number of people but must have been close to 20 perhaps a few more CCCV was invited and Dave Peter and Brian rolled up.
When I got there right on the dot of the 19:30 start time [taking my time from Moonee Ponds to Camberwell was fraught with traffic], I saw that a lot of preparation had been done.
All the tables [other than my well-stocked library table] had seats, pens, bingo papers set for the off.
And sure enough, the starting gates were flung open and away we galloped.
Helen and Rita led the call of the questions... which by the way were all Citroën related.

There had been a goodly amount of research here [Ted I think may have been an additional culprit and Helen as well I suspect] and the questions were really good and probing.
As usual with bingo, it isn't what you necessarily know but the fall of the dice so to speak.
There was so much laughter and interjections from the row-

Top to bottom: The tension in the room before Bingo got underway was palpable Helen Cross was in fine form as the Quiz Master.
Mid-way through the round, pens at the ready, but Peter Maloney looks resigned to not being the winner.

## Recent Doings: Quiz Bingo

dy mobs next door to our table [we were well behaved!!] that at times we could not hear the clues.

Rita led the charge and had us
in stitches with her ad libbing
with Helen close by as Helen read out the questions and after a suitable pause gave us the answers.

Pandemonium was not too

strong a word as the game was nearing a conclusion.
The advice from Helen and Rita was that when a contestant got to within 3 questions, they were to announce it.
Then two questions.
Then one.
The winner was I think Simon Marshall who had a good bingo card... followed very closely by Mark Robinson and I think Dave Rogers.
You still had to shout BINGO as you would do in a real game!! Well, folks, more pandemonium followed with the call cards turned into paper aeroplanes. My attempt was pathetic but I think Simon crafted a beauty which flew like a real glider.
Clever lad is this Simon.. gotta be clever as he has the epitome of sado-masochism as owner of an SM.
Supper followed with Helen at the kitchen delegating delivery of party pies, cheeses and bickies, a round whatchamacallit, fruit coffee and tea.


And it was a teetotal evening which I reckon is a good thing.
I caught sight of Marg, looking pensive as if to say to herself 'Where have all the party pies gone?'
This evening was perhaps one of the best we have had for a looooooong time... pre-COVID included.
Thanks to all those who got together to make this evening a memorable one Salut.
Max Lewis,
Images from Rita Robinson and Max Lewis.

I Marg Towt looking pensive. Either that or she is wondering where the party pies have gone.
2 Examples of the Bingo Quiz cards.
3 Max Lewis and Ian Macdermott looking perplexed and bemused.
4 Around one of the 'boys' tables we have at the head of the table Graeme Dennes, then on his right Brian James, Dave Rogers, Peter Maloney, Nick Hutton and Mark Robinson.
5 Helen Cross at her tireless best organising supper.
6 This table of ladies look as though they know what is going on. Closest to the camera, with her back to us is Marg Towt, on her left is Sue Bryant, then, Rosemary Hutton, Lee Dennes, Marita Nyhuis, Kate Maloney and Barb Towt.
Max Lewis's Library Table was, as always, well-stocked.

## Recent Doings: All French Day

$\angle$
ocal members may recall $\longrightarrow$ that when the Club hosted the Citroën Concours on behalf of ourselves and CCCV at the Rippon Lea Estate the weather was dire. Cold, wet... and it was not as well-attended as we would have liked.

After all, it was held in May: perhaps tempting the weather Gods.
But for the All French Day, where we are supported by the Renault and Peugeot Club
as well as CCCV the date was more propitious. By late October the weather [even in Melbourne] should be good. The week leading up the event was brilliant. Friday reached $29^{\circ}$ and Saturday was similarly warm.
The forecast for Sunday was $13^{\circ}$ ! And wet. And windy. Despite the maximum being recalculated at 15 the rest of the forecast remained unaltered.

Your Editor arrived about 9 am with expectations of finding a damp, empty paddock.

Wrong. Sue Bryant, who was supervising the gate and collecting the money with Stephen Gercovich, said the first of the Renaults had arrived at 8am.
In the end we had over 100 vehicles there and the most common, sorry populous, was Renault, followed by Citroën with Peugeot a very close third.

Of course the event is called 'All French' and so we had representation from Solex, Simca, Delage and two Amilcars. One of the Amilcars belongs to Ted

Cross and the other to Len Jenkins. Both were featured in 'démarreur' Volume 3, No 2. Len's car made it to the podium for the finest cars of the day. Ted called it a Panhard!
Presentations were due about 2 pm , but as the threat of rain become stronger the prime organisers, Ted from CCOCA, and Peter Maloney from CCCV wisely decided to bring the judging forward to midday.
The podium comprised the 'best' car of cars of each


## Recent Doings: All French Day

marque plus the best of the 'other' marques.

The top Renault was a very lovely bright blue Alpine GTA owned by Peter Rasmussen. The runner-up was a highly specified Renault 8. As is often the case many of the Renaults on show were 'go-fast/go-faster' examples of the 8,10 , Megane and Clio. There was a sole Renault 12 but the non-sporting model with the highest representation was the 16. A particular favourite of mine!

The top Citroën was decreed
to be Richard Homersham's 1954 || BN Traction. The other car on the podium will probably come as no surprise to longterm members of either Club was Ferdi Saliba's Melbournebuilt D.

The top Peugeot was a Phase 2605 owned by Mia Pavlov. The 'Other Marque' winner was Andrew Green with his 1929 Delage, bodied by Martin and King.
The overall best car of the day is owned by the President of the Peugeot Car Club of

Victoria, Rob Cherry, with his beautifully presented 203. I say 'beautifully presented' rather than 'lovely' as not everyone will regard its interesting shade of brown as 'lovely'.
After it all finished | had a thought. In France Alpine is a separate brand from Renault. It's owned by Renault, but is not Renault.
So should the winning Alpine GTA have been judged with the Renaults or with the 'Other Marques'? Was the fiercely brand loyal Alpine owner happy
with the outcome?
Would the owner of a DS 5 be happy to win as 'Best Citroën'? Would the owner of Lexus be happy to win the prize for the 'Best Toyota'? Or the Bentley owner getting awarded with 'Best VW'?
So, was the best 'Other Marque' an Alpine or a Delage? An interesting conundrum for next year when the event is hosted by Renault. Leigh F Miles ~ Editor


David Gries was there in his well-patinaed 2 CV ,

## another Ploué C4, this time the coupé and a



## Traction 90: France

WHEN:Thursday, 9 to Saturday II May 2024
WHERE: Puy de Dome, France

COST:
See below BOOKINGS: Essential BRING: Your passport! MORE INFO:
contact@90ansdelatraction.fr
If you have not been keeping up to date, you might not be aware that registrations for the celebrations associated with the 90th Anniversary of the Traction Avant, in France, are now open
You can register here:
https://www.payasso.fr/la-trac-tion-universelle/inscriptions
TRACTION 90 REGISTRATION Cost of the Event
A For Australians who will not be in a Traction the special price is $€ 30$ per person. The Gala Dinner is extra.
^ Gala Dinner: €67. Limited to 1,200 guests.
A Children under 14 years old: FREE
What is Included?
Registration includes unlimited access to the Charade site
and circuit, as well as entertainment during the three days of the event. A cocktail reception for the evening of Thursday, May 9, 2024 is also included in the registration fee. Only Traction Avant cars from 1934 to 1957 will be allowed access to the Charade site.
The Saturday Gala dinner is an additional cost of €67pp. This must be booked separately.
What to Expect
A major festive event, open to the general public on Saturday
今 l,000 Traction Avants expected
A Exhibitions, games, presentations..
A temporary museum dedicated to the Traction Avant
A A Concours d'élégance
A Conferences on the Traction and Citroën
A Magnificent walks in the lush Auvergne countryside
A Stands for tasting/selling regional products
An aperitif dinner on Thursday evening and a gala dinner

on Saturday evening
A... and plenty of surprises in store!
The Programme
A Thursday, 9 May

- Reception and registration
- Laps of the circuit, lots of beautiful things in the day In the evening... Cocktail reception on site
A Friday, 10 May
- Games, meetings, conferences and of course always laps of the circuit!
A Saturday, I| May
- It will be 'THE day' of the 90th anniversary! This day will be open to the public free of charge
- A parade, games, baptisms
in Traction
But also, competitions, a raffle
- And of course, in the evening, a Gala dinner open to those already registered There is a limit of 1,200 guests for this dinner.

|  |  | The gala dimer is at Zenith in Clermont-Ferrand. Imagin |
| :---: | :---: | :---: |
| MICHELI |  | ar |



## Voisins Vendéens!

// thought 'Neighbours' as rial mélange had a nice ring to it, but Shirley told me it had al ready been used Downunder for a number of years.
As promised via last month's Visa tale, I'm sending you a series of pictures of René and his bicylindre LNA

His widow Alberte drove down the lane yesterday, under the golden ash trees for an autumnal late Sunday afternoon fireside chat.
She is remarkably spry for an 88 year-old who spent much o her life building up a farm with her husband and raising three kids.
Over our customary glass of rosé, we recalled René's send off at Sainte-Cécile church in February 2019, when 'distancia tion sociale' and 'confinement were unknown concepts

Alberte also reminded us that the LNA still slumbers in René's garage, just next to the wine cellar; no doubt an echo of his presence for her.
I hope that our fellow members enjoy the pictures Alan Brown ~ October, 2023


## All Seeing Eye

sillizys I094 monospace concept whill no masterpiece was perhaps the best of an uninspired bunch

1990s, the future was looking decidedly MPV-shaped. Particu-? larly amongst European manu-facturers, who were falling over themselves to get something vaguely monospace to market, following the creative and commercial success of the innovative Renault Espace.
The MPV concept' appeared to particularly chime with the French motorist, who was gen= erally characterised by pre* ferring prägmatism over
ipretension. In 1991,
Renault again set the?

elapsed before Art Blakeslee's Citroën studios presented Xanae.
Star of that year's Paris motor show, Xanae offered a vision for a new type of Citroën, aimed very much at this burgeoning sector. Sized between C and D-segments with a clear stylistic reference to the Xantia model, Xanae appeared to many observers as a distinct and distinctive hint to what customers could expect from the chevron within a comparatively short space of time $\sim$ a Citroën spokesperson telling reporters, 'we wanted to create
something that was totally new a cross between a saloon and a people carrier.
Styling was the work of Dan Abramson, who was recruited in 1984, remaining at Citroën's Vélizy studios for another twenty one years, penning a staggering amount of chevron-badged models over that period, includ ing the C6. The narrative behind Xanae, as recounted by Blakeslee at the time, was that of an eye
The Xanae, he said, was really a giant eye, looking out for and protecting its occupants in an increasingly hostile and dan-

## All Seeing Eye

gerous driving environment Hence the shape of the headlights, daylight openings, even the side rubbing strips. Which was a fine line in design-speak, and illustrates how little is new in the World.

With any creative endeavour the end-result is usually predicated on the brief that initiates it. In this case, Abramson appears to have been hamstrung by an edict of, 'make sure it vaguely resembles a Xantia'. Hemmed-in to by the leadership of a man Citroën's Claude Santinet later damned in the following terms; ' ...inside Citroën, I don't think we had the man with the ability to lead the design team.'
In his defence, Blakeslee had not only Xavier Karcher to contend with, but a hidebound PSA

board, led by ultra-conservative Jacques Calvet, so there was plenty of responsibility to go around.
There were some nice touches to the Xanae concept, but what appeared vaguely progressive then, now looks slightly timid, not merely due to the passage of time, nor indeed the watered-down production cars which were inspired by it, but because it embodied a rather thin vision from which to draw an entire generation of production cars. Certainly, it seems counter-intuitive to base a concept on styling cues of a model already two years on the market, if the idea was to prefigure the future.
Xanae [which does suggest some kind of domestic cleaning product], was the direct in-


Image lignesautiontr

## Tmage autongydopectiewm

## A// Seeing Eve

spiration for the underwhelming 1999 Xsara Picasso and the lumpen 2000 C5 models, neither of which will be remembered with much affection for their stylistic execution. Because frankly, from 1996's woeful Saxo until the 2004 C4, there really isn't a production Citroën design worth mentioning in anything but derogatory terms
On balance, the Blakeslee era at Citroën was not a creative high-point. A cogent argument could be made to suggest it was in fact, its nadir. The production designs created under his leadership probably did more to banish the idea of Citroën as design leader, ceding one of the marque's pillars to its rivals. That Patrick le Quément was overseeing concepts and production cars of superior quality and visual appeal at Billancourt should really be all the illustration required.
Ploué and his successors may have laboured to recalibrate the
direction of travel in Blakeslee's wake but Citroën's visual identity had probably drifted too far. Today, management appear content to see the marque fragment still further; satisfied with Citroën's USP to consist of the twin pillars of Airbumps and Fun ~ [Funbumps?]. It's not much of a foundation for a marque $\sim$ especially one with such a rich history.
Of course it's hardly fair to heap opprobrium on the Xanae's shoulders ~ by the standards of the time, it's quite good. Its sin, [if any] is one of omission, but frankly, a term which could usefully sum up the entire Blakeslee era.
This article, written by Eóin Doyle, first appeared on the website driventowrite.com in April 20I7. It is reproduced here with the author's permission and may not be reproduced elsewhere without the author's specific permission.



D
an Abramson is one of the great designers of the Citroën era from 1983 [advanced design] to 2007. He is known for his work on the two concept cars Activa and Activa 2 ~ from 1988 and 1990. But he has worked on many other works as we will discover. At the time of writing this article he was design director of RCD Except, he takes a look back at his work for the French manufacturer.
LIGNES/auto: You arrived at PSA through the advanced style office located in Car-rières-sous-Poissy?
Dan Abramson: 'Yes, I came there in 1984, after PSA acquired Chrysler Europe. The French group set up this advanced styling studio and Arthur Blakeslee took over. [Ed: If some of these names


## In Depth with Dan Abramson

mean nothing to you, faces and titles are put to most of them at the end of this article, with assistance from CCCUK and their Editor Anna Burmajster.] He had just followed the genesis of the Talbot Tagora at Withley in England.
Prior to this programme, Blakeslee is said to have worked on the project for a Chrysler compact van that would have inspired the designers of the Renault Espace? DA: 'Yes, I seem to remember the project was called Super Van, and there were Curtis Gwin and Geoff Matthews on that program which was managed by Arthur Blakeslee. He showed me a lot of pictures of the vehicle that was an early Espace.'
At PSA, what is the relationship

between your Carrières-sous-Poissy studio and the two Citroën and Peugeot styling centres ?
DA: ‘There was none with Gérard Welter... Arthur Blakeslee's intention was to form an advanced design
centre. So we competed on current projects. At the time, we worked on the Peugeot 405, in competition with Peugeot and Pininfarina, and on the 309 .
'The only time we met ~ in the elevator! ~ was when we present our models on the terrace of La Garenne. Arthur Blakeslee doesn't speak French very well and it seemed to me that he was not treated with the respect that we owed him. I've always found that damaging, because he's a brilliant designer, but it took him a long time to impose his ideas. At the same time, I understand that Carl Olsen [head of Citroën styling from 1982 to 1987, below in the middle between Geoff Matthews and Jean Giret]
was fired precisely because as head of styling, he imposed his ideas, which didn't please Luc Epron, marketing manager. Citroën's marketing at the time was very strong.
When did you get to Citroën design?
DA: 'In 1987, at the same time as Arthur Blakeslee took over as head of the Citroën style There was already Donato Coco, Michel Albertus, Jean Claude Quinet and even Jean Giret!'
What was your relationship with Jean Giret, a man of the Robert Opron era?
DA: 'Jean Giret was then an expert in plaster modelling. He was working on the Axel when I arrived at Citroën. He seemed like an old man hanging around the studio. He


## In Depth with Dan Abramson

didn't have many projects on the go. I remember showing him a foam model of the early days of my work on Activa because I had a good relationship with him. Jean Giret's last work was his model for the XM program.
So you knew about plaster at Citroën?
DA: 'Yes, but Arthur Blakeslee felt that this material was old, admittedly rather noble, and he wanted to impose the clay that is part of American culture..'
In 1987 when you arrived, you discovered the competition with Bertone's studio in Turin?
DA: 'Philippe Couvreur managed relations with outside suppliers. PSA had signed a sort of annual contract with Bertone which required the Italian to do work for Citroën programmes. I didn't see any problem with that. But I think that, in front of Bertone, we were trapped by our clay models..
Trapped? In what way ?
DA: 'Jacques Calvet and some decision-makers didn't find the clay precise enough. One hot day, Calvet stuck his thumb into a clay model of one of our proposals for the XM, with a grin. He preferred plaster models! Bertone made his own with a rather exceptional finish, made in chromeplated brass and the joints

were superbly engraved. We could touch the model without fear, our decision-makers found it 'solid'! Ours were just as expressive, but we worked on them all the time, and sometimes they were full of tape, we made them evolve every day!'
For this XM project, there were an unbelievable number of PSA models?!
DA: 'Yes, we did too many! We didn't manage to concentrate

on a single design, unlike Marc Deschamps at Bertone who stayed focused on a single proposal. Blakeslee's idea was always to make many proposals, sometimes up to eight models. It's a very AngloSaxon method!'
Before this work on the XM , you designed the Activa for the 1988 Paris Motor Show DA: 'Citroën had the idea of doing something very top-end on the platform of the XM
in gestation. was leading the team dedicated to the top of the range and Blakeslee came to see me to tell me that there was a proposal for a show car on the ' $Y$ ' platform.

That's how it started.'
Almost eveyone was working on it at first, even Donato Coco, but I drew a lot of sketches, one of which was chosen by Blakeslee. After the small $1 / 5$ scale model I made in foam, at home I was lucky enough to have Ray Downes, the 'feasibility' manager for phase advances, by my side.'
This guy was amazing, he was tracing sections of the pillars or the rocker panels by hand,


## In Depth with Dan Abramson



## In Depth with Dan Abramson

 wanted to present a show car in Paris in 1990. He was surprised! We said to ourselves that he wouldn't choose a project like that because we obviously thought it was prettier than the XM in gestation! But he validated it. He preferred the soft lines of the Activa 2 to the slightly choppy lines of the XM . So he gave the goahead, but for a concept, not for a production coupe. We had to soften the lines that were a little far away from the future $X M$, especially the belt line, which had a more pronounced upward bend in the rear, like on the XM .
It seems to me that Xavier Karcher, when in charge of the product, had envisaged the production in small series of the Activa 2?
DA: 'Karcher started the rumor that Bertone would produce
it. It's true that the Activa 2 is one of the most beautiful cars we've ever made. But the only reason Bertone was actually mentioned was to make the concept car run. Bertone molded the car and hit the whole body in sheet metal on an XM chassis. That's when I became friends with Marc Deschamps. He stayed in his role, never changing anything in style and guaranteeing Bertone quality on the rolling prototype.'
In 1995, you managed the Xanae concept car, the MPV sedan..
DA: 'Citroën knew that Renault was preparing the launch of its Scénic compact MPV and the management wanted to show that the brand was alive! As the chassis was with hydraulic suspension, the project fell in my team. Mark Lloyd was working on the ex-
terior styling, Marc Pinson on the interior. We made a lot of drawings, a $1 / 5$ scale model and then a l:l scale model. All the work was almost finished when, at the presentation of our concept car, we learnt that Luc Epron's team has asked Antoine Volanis [ex-Matra designer] to make his own proposal. We are extremely surprised because for a concept car, we didn't usually consult outside...'
That's what's going to bring Citroën to trial.
DA: 'In fact, Antoine Volanis had presented a project to La Garenne for a compact-MPV. Each of his designs was numbered and protected, but we never saw them! The worst thing was that the person in Luc Epron's team in charge of liaising with Volanis informed him of the progress of our own work! The problem at
the time was that we didn't protect our drawings. Philippe Couvreur, who managed the external collaborations, was trapped by Volanis who considered that his project had been plagiarized by Citroën! What's incredible is that we only saw Volanis' model during the final presentation, and it was ours that was chosen. Furthermore, it should be noted that when a consult ant presented a model at the time, it became the property of the group... but with Volanis, PSA had obviously not protected the deal. So the group put together a file with us, with all our sketches, and thus demonstrated that Citroën's drawings and mod els had all been created six months or even a year before Volanis' proposals. But since our drawings had not been registered, Volanis won his case.'
You were in charge of the project that gave birth to the first generation of C5 A disappointment, you say?! DA: 'For the project of the first C5, Luc Epron wanted the largest possible interior

## In Depth with Dan Abramson

volume on
the platform.
We made
a very aes-
thetic model,

without | a |
| :--- |
| distinct boot. |
| A hatchback |
| made by Mark |
| Lloyd, almost |
| a four-door |
| coupé with |
| a window in |
| front of the |
| front door | l

and a very forward C-pillar. It was dynamic. But everything went wrong.
'First Luc Epron asked for a boot to be added, then the aerodynamics guys moved the rear higher, Epron wanted even more space at the rear, then they removed the front window, for cost reasons. So the windscreen pillar was moved back... All the chrome decoration disappeared, and
cations that upset the balance of the car. What's more, the project director didn't defend it! But it still sold better than the current C5.
In 1999, when Jean-Pierre Ploué took over from Arthur Blakeslee, what was your state of mind ?
DA: 'Blakeslee gave my name for his replacement, but we knew that PSA wasn't going to choose another Anglo-Saxon!
at the time of the preproduction runs, they raised the ride height by 25 mm and I think there were even versions with 14-inch wheels.
short, a thousand modifi-


Three years earlier, the group had contacted Victor Nacif But three years before, it was much too long ago and Victor was finally not chosen, to his great disappointment. Claude Satinet, Citroèn's boss at the time, said he didn't believe that someone from inside the company could take the job. But then again, it's normal that the group chose some one from the outside. And it was also at that time that Robert Peugeot became head of the desigh offices. He liked Gerard Welter, minus Arthur Blakeslee...
You leave Citroen in 2007 , after managing the C6 program... DA: When Blakeslee left, 1

knew I wasn't going to stay. 1 was a very good friend of Arthur's, and his wife often looked after my children. The E6 was almost finished before Ploué arrived, because before 1 left, I was still moni toring pre-production at the Rennes plant, and working on the renewal of the Berlingo. lean-Pierre let me present the C6 and Berlinge B9 projects. He was even satisfied with the work my team had done on the restyling of the C5. But it was only natural that he wanted to invest in a project of his own, with his new team: that was the new C5, which he entrusted to Alexandre Malval. So lm leaving Citroen just as the C6 is being launched, after 24 years:
This interview was conducted by Christophe Bonnaud in 2000 and it was first published on his website httips//ilignesautoifr It is reprinted here with the author's permission and may not be reproduced elsewhere without his express permis sion.


This story starts with Jean Yve Helmer, who was head of engineering and quite high up in PSA. A nice guy, but we saw very little of him; he seemed 'out of it', or, at least, didn't seem that interested in our work at Citroën Vélizy. His 'office' was at La Garenne and he was involved with the DRIA, or the advanced concept department. It was here, in this old converted Peugeot assembly plant [built from German WWI reparation money], that all work was done on new chassis, suspension, packaging, crash testing [with real dead people] and so on, for Peugeot and Cit-
roën.
Helmer was approached by the designer Antonis Volanis with a proposal called the 'Blue Car' ~ a sort of minivan concept. The idea was shown to the advanced group at La Garenne and under Helmer, some studies were done with an exchange of drawings, ideas, etc.
Of course, no contracts were signed ~ it was just a sort of 'lets look at it together' deal. [This was typical of PSA, as they were very poor with regard to any type of industrial property protection at this time ~ something that would later come back to bite them]. Any-
way, sometime later, our 'brilliant' Citroën marketing group suddenly discovered what we already knew: Renault was going to use the next Paris Motor Show to present a concept car called the Scenic.
Project Placement
All of a sudden it was catchup time and we got an urgent request to do a 'show car' for Paris based on a minivan type of package that one day [in the form of a folded up print] just appeared in the hands of Ray Downs. The $1 / 5$ scale reference drawing obviously came from La Garenne ~ as they all did ~ and the brilliant Ray, who was head of Design engineering at Citroën Vélizy, laughed as he recalled the 'Supervan' they had done at Chrysler UK [which later became the Renault Espace after the Talbot/Simca/Matra/Renault industrial messingabout].
The projected size of this Paris Citroën concept vehicle placed it into my department and onto
the hydraulic Xantia platform. was in charge of Citroën's highline and middle-line cars at that point, so my designers set to work on concept sketches.
l'd already done the two Activa show cars and so, since it was to be on my platform, I got the job. Designer Donato Coco, who ran the other half of the studio for small and medium size cars, was very unhappy about this, as the car was supposed to be 'small' and he wanted to do a show car. [Donato went on to oversee the design of the Xsara Picasso, C2, C3 and C4 before moving to Ferrari]. Bob Mathews was at that point in charge of interiors and with this little group we did everything at Citroën.

## Taking Shape

Computer modelling for design was just starting and we had bought one of the first systems called Evans and Sutherland CDRS. [I even did a promotional video with them during the Activa days]. Head of Cit-

roën design, Arthur Blakeslee, was great, under-estimated and very interested in advanced methods. He authorised the purchase of several CDRS licenses. A designer in my group, Mark Lloyd, got heavily involved in the system and produced the general Xanae shape.
Mark Pinson did the interior which I recall was a wonderful, full-size model done by hand.
A Rival Camp
We were hastily getting on with the project, when suddenly we discovered that our Citroën marketing group was pitching us in competition with an 'outside' design agency for this show car project. I was very upset. Blakeslee too, was not happy and argued that show cars
represent the [Citroën] studio and not ideas from some outside company. Nobody would tell us who this mysterious design entity was, only that it was not Bertone.
We still felt confident that we would win and started a milled-out, full-size ep/wood model [epoxy wood resin]. My favourite outside 'helper' was MBPM run by Bernard Penn. This outfit was installed in part of the old Solex factory in Bois de Colombes. This entire area just outside of Paris was the old heart of the French automobile industry with huge abandoned, dead or dying factories everywhere, including the 'just next door' and still active Hispano Suiza factory making aero parts.


They even had a wind tunnel on their site!
PSA owned the Sogam works in Stains north of Paris, and here they installed one of $\sim$ if not the first ~ the milling machines capable of doing full-size vehicles, without having to do lots of separate parts, with the associated pain in the $a^{* * *}$ of moving about supports to mill and re-mill. PSA Sogam was really a very advanced group ~ it occupied a big old factory with a mystery basement, full of prototypes and who knows what. [They also babysat my just born little girl at the time]

## Things Hot Up

Sogam were, however, not prepared to take on the milling of the full-size Xanae model
for us [even though they were part of PSA!], so MBPM took on the job in a dark corner of their installation in the old Solex factory, where they had a vertical table and miller that could do half cars at a time $\sim$ split down the centre line. Then the two halves were glued together to produce a full-size car model.
This was kind of neat, and with confidence, we left the half-car milling machine running over the weekend $\sim$ and of course it caught fire... If it were not for the bullet proof construction of the old Solex factory, the place would have burnt to the ground. Immediate panic over, they found another company outside of Paris who could quickly mill out the halves, and


## The Xanae Story

once this was done, we set up the full-size half cars in the studio and decided on the width before gluing.
[Incidentally, MBPM spent a long time following the fire cleaning up the black soot, which had got everywhere in the old Solex building. But it gave them an excuse to clean

up the place, which was always very dirty. This old building had two levels of basements, and the very lowest one had no lights, and nobody ever went there. The first level basement had the moulding and fibreglass shop and a horrible paint cabin.] A Bolt From The 'Blue Car'

Prior to assembly we decided to add material and so make the car a bit wider. The model was then refined with Vélizy's modellers, followed by Mark Lloyd. The 'epoxy wood' resin was very hard, and it was actually a good thing, since ma-

The Xanae is ideally sized With a 4.20m, the Xanae is mid-way between the $Z X$ and the Xantia, while in terms of height [ 1.55 m ], it is between the Xantia and the Evasion. In terms of length, it is equivalent to the XM. The Citroën designers used these parameters to create an interior with a single aim: to give occupants optimum rior with a single a
comfort and space.'
jor modifications were hard to do and the 'thing' was just cleaned up and painted solid silver. [There was a $1 / 5$ scale done at some time, although I cannot remember, if it was before or after the full-size milling.]
Anyway, we found out about a presentation date and that the other 'outside' design person/team would be presenting too. And we heard it was Volanis. From what I understood, since they had done this 'Blue Car' concept for Helmer at La Garenne, they were asked/invited to be in competition with us.

What we didn't
know is that head of Citroën marketing Luc Epron's second-in-command, Constant Violini was following the Volanis proposal and had either showed photos of what we were doing or at least told him about several workout areas like the chevrons and front bumper treatment. Violini really was awful, had no sense of humour, hated Blakeslee and
never had anything good to say about anything. Luc Epron was not easy either, but at least he did smile and had a funny side In fact, he did at least respect us and liked Blakeslee [well, sort of].
So, we put our full-size model in the showroom [maybe sketches of the interior too? the interior was not done yet] for presenting to the management team. We noticed that Volanis had set up presentation drawings off to the side ~ and all these drawings were numbered.
The presentation took place separately, with each showing their respective stuff, and, when it was all done, we were declared the winner. Later in the day we finally saw 'their' model and I remember Blakeslee saying some thing like 'what a *****ing pig... They wasted their money on that dog', or words to that effect. Of course, we were surprised to see that the rival design had our front bumper and chevron solution and some light details were also very similar, but the remainder of the car was a bread box with no character and surprisingly very boring. This was the first time we saw anything from Volanis ~ and it was the last. We then knew that Violini had been directing or telling Volanis what to do and was trying to get him to do what we had been doing

## The Xanae Story

on our model and the development work. This was typical of the guy; Violini did the same with Marc Deschamps. He hated working with us and wanted control of a rival winning design, knowing that, if ours was chosen, we would ignore him completely.

## Work Steps Up a Gear

It was decided the Xanae was to be a fully-running prototype, but PSA would not take on the build, so it was outsourced to our friend Marc Deschamps, who had left Bertone and set up a design studio, Heuliez Torino. So everything was shipped to Italy, moulds taken of the solid full-size to make formers to make the metal work, the interior was duplicated, etc. Marc did his usual great job. The headlights were actually made by Valeo to our design and incorporated some sort of LED wizardry and gold film. We flew down every now and then to check it all out and added our cast wheels [I cannot remember who cast them, but they had a funky plastic centre that was suppose to glow]. Eric Ball [who had designed the lettering for Xantia, XM, Activa and others] did the logo ~ and that was it.

## It's Show Time

The finished vehicle was presented at the Paris Motor Show 1994, and immediately PSA
were sued by Volanis. He said we had stolen his design features [front chevrons/bumper and lights].
Of course this was impossible, since we had not seen his work before the day it was presented, his proposition eliminated, and our winning car was already milled, done and ready to be built. However, Volanis had meticulously numbered and registered all of his drawings with the French INPI and, as usual then, we never did that; so PSA lost
They should have fired two people at that time: Constant Violini, who had been freely showing Volanis our work, and Philippe Couvreur, who was responsible for contracts to outside suppliers' design work for PSA. What made it worse was that Philippe was a real nice guy, considered a La Garenne 'icon' and was also in charge of all design presentations to the DG/ CEO. So he put together all the presentations that had been put to Jacques Calvet [boss of PSA, 1984-1997] for everything from Peugeot, Carrierres sous Poissy from Kurt Gwin, and from us at Citroën. Phillipe, who spoke perfect English, was a great ally to non-French speaking Art Blakeslee, who, in turn, exerted considerable influence upon him. I remember Philippe came by one day in a total panic saying that he was going to be fired
and that was his fault, etc. etc. and could we help him put together a 'dossier' of drawings, screen shots, whatever we had of the Xanae to show all of it was done by us and well before the 'dumb' numbered drawings from Volanis? Well, at the time, computer data and dates taken off print outs was not considered as admissible proof ~ unlike it is today $\sim$ the sketches were all dated months and maybe a year before any of the Volanis work, but since PSA and Citroën did not register their drawings as industrial property, our design work was not even considered, and PSA lost the case. I remember seeing the dossier ~ it was about $1 / 4$ inch thick, and once again Philippe Couvruer was stressed out, saying that Calvet will fire him, etc. Try Again
The second time round, the dossier was much bigger and, even though it proved that we had never seen any of the Volanis work, it did not matter because of the technical detail of not registering our work with the INPI: PSA lost the appeal Philippe did not lose his job, but Blakeslee had his daughter come over from the US to lecture and help PSA set up the correct methods of intellectual property protection [she was an industrial property lawyer].
Of course the real problem went back to the lack of
any contract or agreement between Helmer and Volanis for the 'Blue Car', and that Volanis knew how to take advantage of PSA's sloppiness.

## The Price of Success

In the end, the Xanae concept car was considered a success and served as the basis of the later Xsara Picasso.
However, again, when the Picasso was officially presented to the press, Volanis sued PSA saying that this 'type of car' was his idea dating from his [still dumb] 'Blue car' project. He got his lawyers to insist that PSA would have to pay thousands of francs per car in royalties [I think the amount was $\mathrm{Fl} 0,000$ ~ or it could've been 100,000 but whatever ~ it was a ridiculous sum].
Later, I asked Philippe Couvreur how much Volanis settled for and he said 'about the price of a nice Chateau'
This very frank article was written by Phil Chidlow and first appeared in 'The Citroënian' the magazine of the Citroën Car Club UK in June, 202I. Neither The Citroënian Magazine nor 'démarreur' assumes any responsibility or liability for any errors or inaccuracies that may appear in the content of this feature. Opinions herein do not necessarily represent the views of the Citroën Car Club, the Citroën Classic Owners' Club of Australia or either Magazine.

## The Xanae Story

Dramatis Personă


ART BLAKESLEE
Head of Citroën Design Centre, 1987-1999. During Blakeslee's tenure, Citroën produced several creditable concepts, but there seemed no enthusiasm, either from Citroën MD, Xavier Karcher, or PSA's somewhat conservative board for much in the way of flair or experimentation and the models produced reflected this. Art retired in 1999, and Jean-Pierre Ploué took his place soon after. JACQUES CALVERT


Jacques Calvet, initially a banker at the BNP, was called upon by Peugeot to clear the waters when the socialists dismissed him in 1982. At that time the car manufacturer was doing badly. In a short time, the man managed to balance the books and boost sales. These two factors over time led him to become the true patron of the car. In 1997, he left Peugeot to retire He has always admitted that he did this reluctantly because he felt deprived of the 'decision drug' when he left work. He made the opposition of importing from Japan his main credo. He died, aged 88, in 2020
DONATO COCO
Citroën-sponsored RCA student Donato joined American Carl Olsen and his styling team at Citroën's Vélizy studio in 1984. He went on to work on the $Z X, X$ sara [including the Picasso] and the subsequent Cseries models.



MARC DESCHAMPS
One of the most influential car designers of the period, Marc was responsible for the original Xantia and xm , as well as many iconic Carrozzeria Bertone creations, including the Zabrus Ramarro, Lamborghin Athon, Mazda mx-8। Aria etc. He initially worked with Marcello Gandini ~ he then succeeded him. Deschamps left ot establish the Heuliez Torino design studio in 1992. When Heuliez closed its Turin operations in 2000, he opened his own design studio.
LUC EPRON
In 1992 Luc Epron, Head of the Market Product Department at Citroën's Marketing, Plan and Programs Department, was appointed Director of Marketing, Plan and Programs. He is an enginee who worked for twenty years at the Peugeot La Garenne design centre as a test engineer in assembly, aerodynamics and the

structure department. In 1976 he became responsible for the assembly workshops and the testing activity. In 1982 he was appointed Head of the Body Shop Sector and in 1984 of the Equipment Department. In 1987, he joined the Marketing Planning department of Automobiles Citroën. [Ed: Engineering... it does not resonate as a sound background before going into Marketing.
XAVIER KARCHER
Another engineer! Karcher joined Peugeot in 1956 as an engineer in the plant at Socheaux


## The Xanae Story

and retired from the positions of Vice-Chairman [since 1988] and Chief Executive Officer [since 1979] of Citroën in 1997. He had held the post since 1988. He died in 2009.


MARK LLOYD
Mark joined Citroën in 1989 and successfully worked on many projects at this time, becoming lead designer of Concept Cars in 1999. As programme director of Citroën's Centre de Creation in Paris, his credits include both the DS3 and C4 Cactus. His most recent position has been Head of Design Strategy at Citroën. GEOFFREY MATTHEWS
Matthews worked in succession for Chrylser, Talbot and Citroën.
He worked on the exterior design of numerous vehicles, including: the Chrysler Alpine, Chrysler Sunbeam, Talbot Tagora, Matra Rancho and the car that would become the Renault Espace.


During the 1980s Matthews moved to France where he was promoted to Chief Exterior Designer at Citroën, where he oversaw the development of the exterior designs for production cars, refreshes and concepts. This involved working on the $A X, B X$, Series $2 C X$ and the $X M$.
During his time at Citroën, Matthews also spearheaded the EOLE project,which was displayed at the 1986 Geneva Motor Show, and pioneered developments in aerodynamics and design.

Matthews died in 2015 .
MARC PINSON
From 1992 Marc worked on interiors before exteriors: his

contributions to the Xsara Picasso and C6 being notable milestones. As VP Program Style Citroën, he has been heavily involved in the new C4 range. He is now Design Project Manager at Citroën.


ANTONIS VOLANIS
Thessaloniki-born Volanis, is credited with the Bagheera, Rancho and Murena, as well as being heavily involved in the Espace. Following the events covered in this edition, he moved away from the automotive sector and went into sports goods, developing the KGI96 racing bicycle.


GÉRARD WELTER
Gérard joined Peugeot at the age of 18 , and achieved an exemplary career within the brand. He created the Peugeot 205 and its sporty versions, the legendary Peugeot 205 TI6 and Peugeot 205 GTi, he became Director of the Peugeot Design Centre from 1998 to 2007.
He was the instigator of many concept cars designed to promote the brand image Proxima, Oxia, Asphalte, Touareg, RC Pique and RC Carreau, Féline, $907 . .$. He was also the architect of a line of quirky specials that raced at Le Mans 24 Hours through five decades. He died in 2018 aged 75 .

## Two from de Gaulle

$\sqrt{7}$reat yourself to one of Charles de Gaulle's Citroën DS... or his wife Yvonne's GS

As usual, the next l'Aventure Peugeot Citroën DS auction will include a few nuggets. These include one of the Citroën DS used by General de Gaulle dur-

## Two from de caulle

ing his presidency, as well as a GS that belonged to his wife Yvonne until the end of her life. A veritable icon of the French motor car, the Citroën DS made its mark not only with its avantgarde styling and its various technical originalities. Its status as a 'presidential car' has also helped it to remain firmly rooted in people's memories. Particularly since it is said to have enabled General de Gaulle to escape an assassination attempt at Petit-Clamart, by maintaining controllable roadholding despite two punctured tyres. But the founding father of the Fifth Republic also used other Citroën DS cars. One of them was even offered at auction on 15 October 2023, as part of the Aventure Peugeot Citroën DS sale, organised by Aguttes. Its price is estimated at between $€ 45,000$ and $€ 55,000$, which may seem rather reasonable at first glance.
This relatively low estimate is
due to the car's poor state of preservation. Purchased by Mr B , manager of the Colombey-les-deux-Eglises dairy cooperative and a close friend of the de Gaulle family, the road car with the chevrons has not been driven for many years. Its mechanics therefore need to be overhauled. A 'cosmetic restoration' was carried out some time ago, but the auction house specifies that the quality is not optimal. The value of this DS 21 , which was registered on 2 October 1965 in the name of the President of the Republic, lies above all in its status as the former car of General de Gaulle.
A number of special features are typical of the automotive requirements of 'le Grand Charles': side sun visors for the rear seats, front banner holders hidden in the bumper, briefcase holder on the dashboard and document holder. But discretion was the watchword for this black car, which was used by the

This Citroën DS was used by Charles de



The sun visor at the rear was one of General de Gaulle's favourite features. This historically significant Citroën has just over $30,000 \mathrm{~km}$ on the clock. Banner holders on the front bumper confirm the presidential status of this DS.

## Two from de caulle

President to travel between the Élysée Palace and his residence at Colombey-les-deux-Églises, according to Mr B's son. This use lasted just over two years, since the DS 21 was sold to Mr B. on 7 November 1967. It remained in the same family until 2021.
This friend of the de Gaulle couple also acquired, at a later date, another presidential Citroën. . . or almost. It was a more humble GS, which this time belonged to Yvonne de Gaulle, the General's wife. After the death of her husband in April 1969, she didn't want to keep her DS 21, which she considered too big and too expensive to run. With the help of her personal chauffeur, she set out to find another vehicle, but one that would remain a Citroën. The choice fell on the compact GS saloon, launched in 1970. But the GS had an unfortunate defect in the eyes of its future owner: the absence of black in the catalogue. Madame de Gaulle was adamant that this colour was
synonymous with discretion. So she placed a special order for her car to be repainted as soon as it left the factory.
The GS remained in her possession until her death in November 1979, when it was immobilised for many years. It was Mr B's purchase that saved it from breaking down. But the mechanics hadn't been started for forty years, and perforating corrosion was visible on the rocker panels and platform. Only the interior seems to have been rebuilt, but it's not clear exactly when. Expensive restoration work is therefore required to restore the lustre of this very special GS, which will also be offered at the Aventure Peugeot Citroën DS sale. With no registration document, it is estimated at between $€ 15,000$ and $€ 25,000$. For this distant ancestor of the Citroën $C 4$, that's a rather high price: unlike the DS, its value hasn't really taken off yet.
Aguttes
This Citroën GS was bought by Yvonne de Gaulle, the General's wiffe, after the death of


The GS still belongs to that period when Citroen had developed the habit of doing nothing like the others, particularly on board. The four-cylinder flat engine hasn't had a chance to start for nearly forty years. So it's going to need some attention.
Yvonne de Gaulle's GS has not given up on rear sun visors.


### 3.749 Cubby Lockers



Vauxhall's Zafira's worth a look too, not least because with clever fold-flat third-row seats it can seat up to seven ~ a unique feature for a car of this size.
Also on the shortist is Citroën's ultra-new $X$ sara Picasso. Renault might have got there first with the Scenic but the Picasso now follows a similar path with what Citroën claims is better still.

But it didn't seem right for me alone to choose, so | brought the family along, plus a few friends and rellies... so thanks to Andy, Carol, Fiona, Hayley and Jim, plus juniors Gus, India, Lily, Mimi, Ned and Rory and Monty, our faithful four-legged friend.

## Citroën Xsara Picasso

One of Citroën's major claims for the Picasso is that it has the most spacious interior and the largest boot 'some 25\% bigger than its key rivals'. It also has the longest wheelbase in the class and, if you check-out the spec panel, you'll see the Picasso's load-space literage is greater than the others.
But without those figures to hand, you'd never know it because in the passenger area it seems about equal to the Scenic and Zafira and considerably less spacious than the Multipla. Which isn't to say this is a shortcoming, far from it. Inside the Picasso, it's light and airy, especial-
ly with its glorious but optional full-length $2 C V$-style sunroof open. Plus there's comfortable seating and plenty of head, elbow and legroom.
In the rear loadspace, with all the seats in situ it certainly appears larger than the Multipla, on a par with the Scenic and smaller than the Zafira. How else could I lie Rory's roller hockey stick flat on the floor in the Zafira and close the rear door, but wasn't able to do likewise in the Picasso?
According to Citroën, the three equal-size foldable rear seats are also removable. But we didn't take them out during the group test or even for


## 3,749 Cubby Lockers

the photos because, unlike the Scenic and Multipla, there was no obvious method of removal. And believe me, we looked. I'm sure the secrets of this procedure are detailed in the owner's handbook, but then I'm from the school which says that if you can't work it out for yourself then it either isn't good enough or it isn't worth the effort in the first place.
Also according to Citroën there are 18 different types of storage area creating a total of 30 [that's right, three zero] compartments, pockets or holders. There are document clips, curry hooks, aircraft-style fold-down trays, pen-, coin, ticket, sun glasses- and cupholders, door bins which hold I.5-litre bottles, a collapsible shopping trolley on wheels [called a Modubox], rear
underfloor compartments and more besides. This is all impressive, but Lord help you should you lose something.
As for the Picasso driving experience, well, we're ambivalent Frankly neither I nor Carol [my intended] either need or expect an exciting drive from this purchase, so a Picasso would be fine. It has ample torque [a little more than the others according to the spec] plus quite adequate steering, braking and handling. Sure, there's some body roll if you rush at a mini-roundabout, but Monty [the dog] isn't the only one in the clan who doesn't appreciate fast cornering much No, more important is the colour, which we like, the exterior styling which I like but Carol doesn't particularly, and the huge sunshine roof which we


also like, assuming you're doing no more than 45-50mph [when the noise becomes obtrusive], and that it won't perish and leak after a few years' use.
Fiat Multipla
I'm standing beside the Multipla which is parked outside my
I retort
$\qquad$
'The looks do grow on you,
'Hmmm' is her final say and, after a moment of contemplation, she's gone. Yes, I know


## 3,749 Cubby Lockers

many thought we were bonkers to make it our Car of the Year, but I don't give a monkey's. And more importantly in this context, neither does Carol. We like it, it's individual, purposeful, unusual and has character and, dare I say, a touch of humour

An adult can all but walk around inside it, and to a little 'un the interior is a veritable adventure playground. In addition, it's externally the shortest car here, 4 cm shorter than threedoor Bravo and 20 cm shorter than a five-door Brava, which is a] remarkable and b] handy if you live in London and like to park near your house. Which we do.
And let's not forget, it seats
six which is also handy because, with three children between us, the Picasso and Scenic fill up fast. The Fiat's two middle seats are also more accommodating than the centre position in row two of the Picasso, Scenic and Zafira. But at weekends Granny sometimes comes along too, which meant that neither the Picasso nor Scenic saw weekend service with us during this test, whereas the Multipla and Zafira both did.
That aside, what else? Having said that we're ambivalent about the Picasso from behind the wheel, the same can't be said of the Fiat which, for reasons hard to explain, seems less anodyne from the driver's point


of view. On paper there's nothing to say its engine is more willing than the Scenic's, so it's not that. More likely that the Multipla's steering feels a bit more lithe and agile
It could also be that there's a greater novelty aspect in driv-


## 3,749 Cubby Lockers

enough for a mammoth Sainsbury session. With the three rear seats folded or removed [both straightforward procedures] you could just about signwrite 'Pickfords' on the side and get away with it.

As an added bonus, Monty can't hop over the rear seatback into the child's lap. Significantly, this also means that piled-high luggage is less likely to find its way forward during heavy braking.
This leaves me no space to tell you about its pleasing seat fabric, oddments stowage or other design cleverness which the Multipla has in abundance. Renault Scenic
Straight after this photo shoot
ended, Carol had to dash off to Guilford for an appointment. I handed her the Scenic keys and asked that she make a mental note of what she liked and disliked about the car on the journey there and back. Upon her return that evening, I sought some feedback, whereupon she replied: ‘Oh I don’t know, Tom I wasn't thinking about that at all, I was only thinking about meeting Shirley on time. Sorry.
And that says it all really because, although no paid-up member of the Top Gear road test department, she genuinely does enjoy driving and had previously commented that she liked the Multipla, didn't like the Zafira much and also made no


comment regarding the Picasso. This, driving-wise, places the Scenic into the same category as the Picasso. That is, we're both ambivalent about it ~ not thrilling, not disappointing, so nothing really to say. This is fine because only a fool or a sales-


## 3,740 Cubby Lockers

ambience and flexibility. The patterned seat upholstery is pretty tasteless and there's an uncalled-for expanse of unstimulating greyness about the dash console and elsewhere.
Like the others, the Scenic's seating is at a good height for wrestling small ones in and out of their child seats, but like the Picasso, there are only five seats in total, so it isn't really a people carrier though the rear seats are removable [something easiy achieved without resorting to the owner's handbook]
There is stowage aplently in the Scenic, with a drawer beneath the driver's seat, underfloor stowage under the rear seats and a front-mounted air-
conditioned drinks box; big enough for three cans or most useful in the prevention of chocolate meltdown.
The new 1.9 dCi engine is $5 \%$ more powerful than the dTi it has replaced. It also produces the same peak torque at low er revs. Interestingly for me, though not for Carol, its peak power and torque and the revs at which they are produced [see spec panel] are also identical to the Multipla's. Which is something of a coincidence
The Scenic, on paper, also has the keenest acceleration, highest top speed and, at $5.9 \mathrm{~L} / 100 \mathrm{~km}$ combined, Renault has in theory managed to squeeze extra economy from


its dCi, which isn't to be sniffed at. With an on-the-road price of $£ 15,700$ it's the cheapest, it has the lowest insurance grouping and the lowest cost in terms of pence per mile ~not to be sniffed at either
Vauxhall Zatra


In this company the Zafira has just one USP; it's the only seven-seater in the class. This could certainly have its uses but unfortunately this extra passenger capacity doesn't come without penalty.
Firstly, the two third-row seats are for children only. I sat in one, but briefly because the eg and headroom is tight.
Secondly, any children way back there are cut-off from the Zafira's other occupants. If


## 3．749 Cubby Lockers

there＇s any silent mischief go－ ing on then parents up front are unlikely to spot it．Conversely，a younger child might not appre－ ciate being out of sight of the rest of the party．
There＇s no doubting that the way the seats fold flat and dis－ appear to form the loadspace floor is clever；it does neces－ sitate sliding the centre bench fully forward to bring＇em out or fold＇em away again．Which s easy enough assuming you don＇t have a child seat belted into position，in which case the procedure becomes a chore But at least it＇s a chore not re－ quiring the handbook．．
And while we＇re on this sub－ ect，the second－row centre seat is only equipped with a two－point lap belt while eve－ ry other of the 22 seats in this test have a three－point shoulder harness．

With the third－row seats tucked away，there＇s useful load－ space，especially length－wise， but with those seats up you＇d better keep your baggage to a minimum because there are roadsters with as much boot－ space～well almost．
The Zafira＇s exterior is the most dreary looking～colour－ match the rear windows and you could be looking at a van ～while the interior and dash are the least adventurous and utilitarian．That said，there is a front passenger under－seat
storage tray，a rear underfloor storage facility，storage lockers at each side of the rear，a sec－ ond－row centre armrest with load－through access and 10 cu － pholders［on the Comfort spec version，at least，but you＇ll only find eight on entry level mod－ els！］which actually hold cups while on the move，rather than the use－only－while－stationary cup－sized recesses found in abundance in one or two of the others．［Why Tom fails to tell us which cupholders are so useless is beyond my imagining．Ed．］
As for the engine，perfor－ mance and driving pleasure，well let＇s just say the Zafira hasn＇t curried much favour．It has the least horsepower and torque of the group，the lowest top speed and what Quentin might term glacial acceleration．Probably not coincidentally，the unladen Zafira is the heaviest vehicle here by at least a 135 kg margin．
Sure，the 2．0Di will drone down the M4 with six aboard at a speed sufficient to render the inattentive nicked，which for many is more than enough，but don＇t expect to be first away from the lights $\sim$ you haven＇t got the hardware．The Zafira＇s motor is the noisiest and most diesel－sounding while its noise level seems more intrusive too Conversation was frequently punctuated with，＇Sorry，I didn＇t catch that．．．．

| 4 CaRS， 20 DOORS， 23 SEATS，3，479 CUBBY LOCKERS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Citroën Xsara Picasso HDi sX | $\underset{\text { Fiat Multipla JTD }}{\substack{\text { Jid }}}$ | Renault New Scenic Alize 1．9dCi | Vauxhall Lafira 2．0Di Comfort |
| Performance［claimed］ 0－100kph <br> Maximum speed［kph］ | 12.6 175 | 12.4 171 | 11.9 180 | 16.0 159 |
| Costs |  |  |  |  |
| On－the－road price | £15，715 | £16，080 | £15，700 | 15，995 |
| Pence per mile | 38.3 | 4.1 | 37.9 | 39.3 |
| Test L／lookm | 6.7 | 8.6 | 8.1 | 7.5 |
| EU combined L／I00km | 5.5 | 6.4 | 5.9 | 5.2 |
| Insurance group | 7 F | 10 | 6 | 6 e |
| Service interval［km］ | 20，000 | 20，000 | 16，000 | 16，000 |
| Warranty | lyr／unlimited km | lyr／unlimited km | lyr／unlimited km | lyr／unlimmited km |
| Equipment |  |  |  |  |
| Airbags［dr／pas／side］ | $\square$ | － | অ／V／V | অ／V／opt |
| Front pass airbag cut－off | $\checkmark$ |  |  |  |
| Alarm／immobiliser | opt／『 | V／V | 圂／マ | 図／V |
| Alloy wheels | option | $\square$ | V | 区 |
| Anti－lock brakes | $\square$ | $\checkmark$ | V | option |
| Air conditioning | $\checkmark$ | $\checkmark$ | V | $\square$ |
| Electric windows［fr／rr］ | $\checkmark / ?$ | V／opt | － | V／opt |
| Max no of seats | five | six | five | seven |
| Power steering | $\checkmark$ | $\checkmark$ | V | option |
| Power sunroof | option［full length］ | $\checkmark[f r$ \＆rr］ | V［fr \＆rr］ | 区 |
| Radio／cassette／CD | 『／®］／『 | V／V／opt | 『／区／『 | 『／圆／V |
| Remote central locking | $\checkmark$ | $\checkmark$ | $\square$ | V |
| Satnav | option | option | 匃 | 図 |
| Trip computer | V | 区 | V | 区 |
| Technical |  |  |  |  |
| Engine | 4cyl，turbodiesel | 4cyl，turbodiesel | 4cyl，diesel | 4cyl，diesel |
| Capacity［cc］ | 1，997 | 1，910 | 1，870 | 1，995 |
| Max power［kW＠rpm］ | 67．1＠4，000 | 78．3＠4，000 | 78．3＠4，000 | 60．4＠4，300 |
| Max torque［Nm＠rpm］ | 204．1＠1，900 | 199．3＠1，500 | 199．3＠1，500 | 188．5＠1，800 |
| Transmission | 5sp man，fwd | 5sp man，fwd | 5sp man，fwd | 5sp man，fwd |

## Verdict

So，not the Zafira then．Not because it＇s totally outclassed by the others，but because for us，it doesn＇t hold any appeal．If
we had four or more children ［please God，NO！］then from this group the Zafira could be－ come essential，but that would be a choice made out of neces－

### 3.749 Cubby Lockers

sity rather than preference.
Then there's the New Scenic and Xsara Picasso. Both French, both five-seaters, both offering virtually the same content. Were it a choice between just these two, it would boil down to which dealership is more convenient, colour choice and who's doing the best deal. But if I must split them then l'll have the Picasso despite Renault's slight cost advantage. Not because it shatters the Scenic mould or anything radical, but because we think it looks better and we like that full-length sunroof!
So, the Multipla remains our first choice. The British public may not be ready for the Multipla's appearance, but we are. The six seats suits us, it's easier

Seen by your Editor in a Na tional Trust carpark in the UK in 2000 in the back window of a Fiat Multipla. What more is there to say?
than the two Frenchies to get in and out of, generally roomier inside, has a more sophisticated, funkier interior design and we both prefer driving it.
Yes, it's a tad wider, which we hardly noticed in parking, and it may prove to be a little costlier to run. Don't care. The Multipla is the cleverest thing on four wheels. Car of the Year? Damn right. I'm only miffed that both diesel versions cost a grand more than the equivalent petrol ones. Oh, and Carol wants black, I want blue..
This article was written by Tom Stewart with photographs by Jim Forrest. It first appeared in 'Top Gear' magazine in August 2000. It is taken from the Editor's archive.

minime

// hile I have already said thank you to the many members who wrote to me after I advised you all of the poor state of the quality control in last month's magazine there was one rather longer letter, prompted by my email, but not totally related to proofing. Here is most of what Greg Feinberg wrote to me...

/eigh,
$\longrightarrow l$ shows your normal. well nearly normal?

> ROFLOL.

Regarding the last edition and the Visa and 'Wheels' magazine test drive; I had forgotten all about it. It was our car they used!
We were sort of friends with Peter Robinson, from 'Wheels', as we were doing the Birotor, and he had an NSU Ro80
We also organised a comparison between a Light 15, and ID 19? and a CX2500. I went with them on the test drives, and honestly, they drove the Light 15 and the ID like proper wankers. [I think I have that article in my archive as well. Ed.]
On the previous story on the Birotor, there is a couple of things that one of your English writer from Citroënët got completely wrong:
He said that the factory tried to buy back all the Birotor's so they didn't have to carry spare
parts. True, but the buy back failed completely, and its not hard to get evidence that it failed, as there are so many Birotor's still in existence.
He also stated that the buybacks were crushed when they were repurchased,? As far as I know, they had the VIN nos ground off the body, and the factory plates removed, and were given to Citroën dealers to scavenge any parts that were comparable with the GS Although the Birotor was very unique, most panels and lamps were all GS.


This is how we purchased our Birotor... My thought was that it was a pre-production car? It was painted white, and was very early. The car in the workshop manual was white, and had I,OI5 rear vision mirrors, as did the car we bought.
It was easy to tell '74 year model and ' 75 year model Birotor's, the ' 74 has early GS seat mounts, but the seat was smaller in width than the normal GS to allow for the wider Birotor console. The GS seats for the Birotor also had a change to the backrest, and was tombstone in shape $\ln 1975$ all GSs had the new narrower seats, and new mountings, as a wider console was fitted to all cars.

The Birotor also received the new seats, and were also tombstone, but these type of seat now could be fitted into GSX2 and 3, so the cost of the Birotor front seat could be spread over more GS models
As a consequence of Citroën being unable to buy back all the cars, they still had to sell spare parts. We purchased a complete new rotary engine in 1982. So while at that time there were certainly lots of trim parts that had gone NFP, there were no shortage of mechanical parts.
Hope this hands on story sheds a bit more light on the Birotor Story?
Best regards,
Greg Feinberg


In May of this year, out of the blue, I received an email from Roger Thiedeman, from Keysborough in Victoria. Roger hails from Sri Lanka [Ceylon when he was growing up there]. He forwarded on to me a scan from a photocopy of a page from the 25th anniversary edition of the journal of the Ceylon Motor Sports Club. Over to Roger...
 / am not a Citroën owner, I have been fascinated by those quirky Gallic 'lemon-namesakes' since I was knee-high to a hubcap as a young lad in Ceylon [now Sri Lanka].
Speaking of Ceylon, reading about racing Traction Dis in recent issues of 'Front Drive' reminded me of the attached item. With apologies for the poor quality of reproduction from a sub-standard photocopy, it is an extract from the 25th anniversary souvenir of the Ceylon Motor Sports Club published in 1959. Perhaps not surprisingly, Colonial Motors Ltd, sponsors of the advertisement page, were local agents for Citroën, Fiat and Rover/Land Rover.
The cars, drivers and events depicted and referred to here are flashbacks to motor racing meets, for four wheels and two, held during the immediate post-war years at the Colom-bo-Ratmalana aerodrome, and
at Mahagastota, the venue for a hillclimb staged on a rough and winding tea plantation track in the up-country hill resort town of Nuwara Eliya.

While Mahagastota remains a popular annual event on Sri Lanka's motor sporting calendar, in the late 1940s or early 1950s circuit racing moved to a more permanent home, uninterrupted by occasional comings and goings of aeroplanes, at the disused Katukurunda World War II vintage airstrip 35km south of Ratmalana.

For the benefit of Citroënistes into the minutiae of chronology, the CE-series registration number on the Traction in the upper photo denotes that it was first registered in Ceylon around 1946/47, while the Z-series number plate on the second car suggests an earlier registration date in the mid-to-late 1930s.

Best wishes to you and all your readers - and keep up the great work with Front Drive. Roger Thiedeman
I had the temerity to query Roger's assertion that the Zregistered car was in fact preWar. Roger replied with the following.

I note your doubts about the vintage of the Rajaratnam Traction in Ceylon based on its 'Z' 4000-series registration number. I would be interested to know what your reference books reveal about the pos-

## Racing Tractions in Ceylon

Right: Brilliant Performance by Cedric de Soysa in the Citroën resulted in a convincing win for cars up to $2,200 \mathrm{cc}$ at Rarmalana in December 1948.
Below: My Road, Sir, says Edward Mason, as he goes on to win in his Fiat 500 cc . For many years this familiar combination was unbeatable in the 750 cc class and earned for this brilliant driver and sportsman the nickname of 'Bugs'. Bottom: Triumphant! DC Rajaratnam with the Citroën in which he won his class at Mahagastota. Winning became something of a habit with Raja.

sibility, or not, of that being a pre-War car. Having just taken a quick look at my Ceylon registration material, I can confirm that several cars on that randomly compiled list, with reg. nos. ranging from Z-4705 [an Austin 'Big' Seven] through to Z-9825 [Chevrolet Fleetmaster sedan], were all registered between 1937 and 1939. Which ties in with my suggestion that Z-4790 is a 'mid-to-late 1930s' registration.
Ah well, such conundrums are sent to try, perplex and, hopefully, satisfy us ~ if and when the answer or reason is finally revealed. I've 'been there, done that' many times, especially during my ongoing research project into the histories of Rolls-Royce cars delivered to Ceylon/Sri Lanka over the years [I mean real Rolls-Royces, not those latter-day Teutonic impostors from Bavaria via a detour to Goodwood].
Now that I am back in Melbourne with my reference books I think I can confirm this is a 1938 model year car.
For the '38 model year the grille received polished rather than part-painted chevrons and gained a circular badge set to the left [as you face the car].
That circular badge is visible on Raja's car, despite the poor photocopy from Roger.
For the 1939 model year the
chevrons were deleted from the grille. So, the grille points to the car having been built at some time between August 1937 and August 1938.
But, that might not be the end of the story as Roger returned with more information regarding another Sri Lankan pre-War Traction. Here's what he said...
Further to your question about the vintage of DC 'Raja' Rajaratnam's Traction registered $Z-4790$, I remembered a recent article written by a friend in Sri Lanka, Ali Azeez, about his Traction II B Familiale, registered Z-5615 in 1937. Mindful of the fact that motor vehicle registrations in Ceylon/Sri Lanka were [and almost certainly still are] issued in strict numerical order, is that sufficient to conclude that the Rajaratnam car was indeed of pre-War vintage.
The records indicate the Familiale was built in August 1937 and registered in October of that year.
If we allow that Raja's car was built about the same time as this II B, allow a month for shipping to Colombo then it could have been registered a month or six weeks prior to the II B.
With that knowledge, I think we can agree that Z-4790 was built in mid- 1937 and registered in late-September or early October that year.
Roger Thiedeman and Leigh F Miles.

## Not Quite a Member's Model

In the previous article I made reference to Roger Thiedeman's knowledge of an II B Familiale that resides in Sri Lanka and with which he is very familiar. What follows is an article written by the car's owner, Ali Azeez.

## 1937 Cltroên 11 B <br> Familale 7-seater与ā00n

History and Ownership

- Date of First Registration: 31 October, 1937 [manufactured in France around 15 August, 1937]
- First owner: JB de Bonnetot
of 690 Palmyrah Lodge, Colpetty [Kollupitiya], Colombo 3
- Second owner: Henry de Jonk of 22 Pamankada Road, Wellawatte; from 3I July, I969
- Third owner: Mohamed Al Azeez; from IO June, 1999 [current owner]
The Vintage Car Owners' Club [VCOC] organized the Oberoi Vintage Motor Show which was held from Ilth to 14th March, 1999. My nephew Yakoob Bin Ahamed, a member [like me] of the VCOC, was very active at the show. A visitor
who had observed Yakoob approached him and said that he had an old Citroën he wanted to sell. Then man gave his name and address as Randal de Jonk, of 24I/A Galhitiyawa, Ganemulla. Yakoob mentioned this to me when we went home that evening. I was interested but not sure what model/type Citroën it was
A few days later Yakoob and our driver David went to Ganemulla to see the car. They weren't able to locate the house easily, wasting several hours looking for it. Finally they asked
a boutique-keeper, who said that the house was only two or three doors away. Yakoob then met the owner and saw the car, which was in need of restoration. The price quoted was Rs 700,000 [about A\$3,500], and as usual the owner said that he had an offer close to it. Yakoob offered Rs I00,000 [A\$500] and returned.
I was curious to know more about the type of car, so Yakoob opened my copy of the book Cars of the Thirties and Forties by Michael Sedgwick and showed me a picture of a



## Not Quite a Member's Model

1930s Traction Avant model. He said that the car he'd seen was longer than the one in the book. This sug gested that it was the II B Familiale model, with three windows on each side [ie six-light saloon].
A few weeks later the owner contacted Far ih Fauz, anoth er member of the VCOC, and told him about the car, now quoting a price of Rs 300,000 [A\$1, 500 ] Knowing of my interest in the car, Farih nego tiated with the owner on my behalf and suc ceeded in hav ing the asking price reduced to Rs 165,000 [A\$825] and
agreed upon by both parties.
To transport the car to my property I contacted my friend Susantha Welgama of SA Welgama \& Sons. He said that they only had lorries for transport.

but he would provide a large one free of charge. However, this type of vehicle was not suitable as it meant having to manually lift the car onto the lorry. So I next spoke to VCOC member

Lasantha Senaratne of Jayalath Transport at Baseline Road. He seemed more interested in the Citroën, and offered the use of a boom truck at a price of Rs 7,000 [A\$350] ~ a reduction
from the nor mal hire cost of Rs 12,000 [A\$600] ~ to which I agreed. I went to Ganemulla with Yakoob and David, folowed by the boom truck on 10 June, 1999. I met the owner, Randal de Jonk, and asked whether he was related to Randolph H de Jonk, a classmate of mine at Royal College who travelled to schoo by train from Ganemulla. He said that Ran dolph was his elder brother who had mi grated to England many years ago. Randal was an English teacher.
We tried to take the boom truck up to the garage, which was behind the house. Unfortu nately, the gate posts were not wide enough. So the car was pushed out of the garage to the road where the truck was

## Not Quite a Member's Model

parked. While the car was being loaded onto the truck, many curious villagers turned up and said that this was 'Jonk mahaththaya's' car, and asked where it had been all these years. Ran dal was too embarrassed to answer them. Eventually the car was loaded, covered, and trans ported to my home at Bolgoda Piliyandala.

On inspecting the car the next day, Yakoob discovered that not only was the cylinder head not bolted onto the engine block, but vital components such as pistons were missing, along with other parts. So Randal was con tacted and another trip made to Ganemulla to collect all the missing parts, which were lying around in sacks at the de Jonk property. Apparently after the death of Randal's father the car hadn't run since 1972, despite attempts made to restore it As the Citroën had been last licensed in 1972, I obtained a li cence for it in 1999
Yakoob began putting the parts together and started the engine. The electrical system was converted to 12 volts from 6 volts. Tinkering was done on the body, which was painted in red primer. When the gearbox was dismantled it was noticed that there was damage and wear to vital parts, which needed replacement as repairs were not feasible. At this time of writing [March 2023] several
parts have yet to be located and fitted to the Citroën.
The Certificate of Registration was available but in poor physical condition. It was in the name of the second owner Henry de Jonk who had passed away. Therefore, a procedure had to be followed for the vehicle to be transferred to my name by the Registrar of Motor Vehicles. Randal had signed some documents, but a few more were needed. We spoke to him, but he never responded. He could not be contacted again, and we later learned that he had moved to Kandy.
Technical and Other Features

- Citroën II B Familiale Trac tion Avant six-light saloon
- Type of Body: 4-Door 7-Seat er Saloon [including 2 folding seats]. All-steel monocoque, unitary construction
- Chassis No.: 123999
- Engine No.: DMO2402
- Engine: 4-cylinders, ohv with push rods; wet liners; bore 78 mm, stroke 100 mm , capac ity I,9IIcc; compression ratio 6.1 to I. Develops 56bhp @ 4,200rpm; RAC rating of I5hp. The complete power unit is flexibly mounted
- Crankshaft with three main bearings; cast iron detachable engine head and block
- Single downdraught Solex carburettor; AC mechanica fuel pump; fan cooling; coil and distributor ignition; firing
order 1-3-4-2
Electrics: 6volts
- Steering: Rack and pinion type
- Transmission: Front-wheel drive; three forward speeds and reverse through helical toothed gears, and synchromesh engagement for top and middle ratios; single dry plate

from dashboard; drive is taken from clutch to a gearbox just behind the radiator
- Suspension: The engine, gearbox and final drive form a compact unit housed in the scuttle structure of the body, and the front wheels [which are individually supported by transverse radius arms] are also sprung by torsion bars: hydraulic telescopic-type shock absorbers front and rear
- Brakes: hydraulic type on all 4 wheels Wheels: Steel; Tyres: $5.50 \times 16$
Weight: 22 cwt 3qtrs 0lb [1,160kg] Overall length: $1^{\prime}$ II $1 / 2^{\prime \prime}$ : Width: 6' 2" Ground clearance: 7'; Height: 5'
Wheelbase: $10^{\prime} 9^{\prime \prime}$
Track: 4' 8" [front and rear]; Turning circle: 45'
Capacities: Petro tank: IOgallons; Oil sump: 8pints; Radiator: I4pints.
Top Speed: 80 mph
Original Colour: Black
his article was written by the car's current owner, Ali Azeez.


## Totally Traction



La
suspension Gregoire pour Traction Avant.
second
hatchback cars.


Imost the whole range of Tractions came on Uthis rally ~ from a [actually the] 1934 Slough-built Coupe, four [yes count them four] Slough built Roadsters, as well as examples of Light I5, Big I5, Légère, Normale, Commerciale and a Big 6. Notably absent was a Familiale [which we would have had, if it hadn't been taken ill with big end problems
on the way] and a 6 H . One of the Normales was even fitted with Gregoire rear suspension.
It was a very pleasing array of cars which we displayed in various places around the island including the front garden of the Seigneur's rather splendid manor.
This collection of cars contained a few points of interest [to me at least] that represented new information

## Torsion Bars

I had assumed that the rear torsion bars on a car with Gregoire suspension were the standard item ~ but James Geddes [for it was his car that was so equipped] told me the Gregoire kit includes springs with a lower spring rate. This means soft springing most of the time becoming stiffer as the deflection increases. Actually | should have known this because

rary book describes it exactly.

## Steering Locks

And then there was Eric Pennington's steering lock. In the UK it became mandatory for new cars to have steering or transmission locks from 1971 which meant most cars adopted combined ignition switch and steering lock. My 197I Triumph Herald has such a thing which makes it a rare and prized thing amongst those who like Triumphs. Eric's car was made in

1952 and looks like it was fitted with a steering lock/ignition switch from new.
But what happened to the hole in the dashboard for the

original switch? There is no hole in the dashboard $\sim$ and no evidence it has been filled in. Such switches were advertised as aftermarket items but did Tractions ever come out of the factory that way? Eric's car suggests they did.
Boot Scrapers
And then I discovered boot scrapers! You will have seen the aluminium trim pieces at the bottom of the front and rear wings. In the accessories catalogue they are called Sabots d'ailes which Google transate says mean wing hooves rather like that. [Ed: I did translation using DeepL and came up with wing tips, wing pads, wingshoes or fender clogs... which has to be my personal favourite. LM]

In France they were supplied by Robri or Axo. I had not realised that Slough cars would be fitted with items made by Radwar. In each case those for the front are available as long or short version and may feature slots to which I had paid no attention at all. I had to go all the way to Jersey to learn that the slots are boot scrapers. My car does not have such slots which may explain the state of the inside.
Before we left for Jersey I did a little maintenance in the form of greasing. I also got around to a couple of electrical jobs.

For some time, my headlight switch had been getting rather temperamental needing to be set in just the right position to give dipped beam and not working at all on main beam. It was also getting rather hot. All this pointed to oxidation on the contacts ~ or worse. So I took it apart and cleaned the contacts and tweaked the springs to give a bit more contact pressure. It now works as it should and does not get hot at all. I last did this in 2015 so I guess I can look forward to doing it again in 2030.
I also, finally, fitted the new indicator switch with the hazard warning feature. This replaced both the older column switch I had fitted in 2014 and the relay that failed a few months ago. What do I think of this switch?
On the whole I am pleased. It's easy to fit but it's not discrete, being shiny chrome effect with a big red knob on the end. It is secured on the column using a jubilee clip which holds it firmly in place. I find the shiny finish reflected in the windscreen so I may be adding some black tape or paint to the top surface, or even the whole body. The stalk is the right length for the Traction steering wheel and the switch operates with a solid feel. The stalk itself is a little rough on its rear edge but l'm the only person who knows that $\sim$ except l've told you now.

The switch body has tell-tale lamps for left and right which with my two-spoke wheel, are obscured when going straight on. A car with a three-spoke wheel would not have this problem. Is it even a problem? Well, the point of the tell tale is to stop oneself being that person who drives along a straight road for mile upon mile with the blinker flashing. One can always wire in separate tell-tales somewhere more visible.
The relay that comes with the switch is solid state for use with LEDs and I expected it to be silent $\sim$ not so, it has a proper click. Thinking there would be no sound, I fitted mine under the bonnet where it is accessible rather than inside the car under the dash. Even so, I can hear it clicking so I'm not really bothered about not seeing the tell-tale. There is a big red light for the hazard function which is operated by a red pull knob with a separate red light. This is quite bright and visible even behind the steering wheel spoke. I was surprised that the red light flashes once every time you turn the indicator off. I don't know why this is but it does not flash the indicators themselves.
Happily, in Jersey my car did not require the use of the hazards, although another car's misfortune did when all the smoke escaped from its clutch leaving it stranded and blocking

## Totally Traction

Right: The CV joint boot as was in 2018. Below: The boot as looked in 2023 when Chris removed it.

## the road.

Now with Jersey behind us and Devon approaching I decided to tackle another long-put-off job. I don't mean changing the oil ~ although I did do that and was pleased to see less metallic debris attached to the sump plug magnet. At a minimum this means the magnet is cleaning up the engine faster than the engine is wearing out and that's a good thing.
CV Joint Boot Replacement
My long-put-off job was replacing the torn CV joint boot. I replaced the original drive shafts sometime around 2016 choosing to dispense with all the UJs and have both inner and outer CV joints. I'm not sure this was a good idea. If I did this again, I would probably retain the splines and the inner UJs and just have CVs on the outer joints. This is the second time the boot on the nearside inner joint has failed. The first time was in 2018 after about only two years. When I replaced it the first time I discovered the inner surfaces were already damaged ~ probably due to a blanking cap having become trapped inside the joint causing side loading. This was the case with the other side too. Notwithstanding that I put it back


together [without the cap] to see what would happen. Eight years later it was interesting to compare the condition.
I had been driving the car with the torn boot for the last two years. 'That's terrible', I hear you say and, had it been subject to an MoT it would of course have failed. The boot is there to keep the road grit and water out and

I was expecting to see some really grubby, crunchy grease and rust inside ~ but not a bit of it. The grease was perfectly clean and there was not a spot of rust. The damage seen in 2018 had got slightly worse ~ but I have put it back together again ~ again.
There is often a slight single audible click when starting off but that's the only symptom and it has not changed over the last five years. It's not doing any good as the damage must be impeding the sliding action ~ which must be adding to the axial load on either the outer joint or the gearbox bearing ~ or both. Why did this boot ~ and only this boot fail twice? None of the other three have failed at all. I don't know why the first one failed but I wonder if the second one suffered from some kind of memory of
the stress from being stretched over the CV joint. At some point I will have to replace both shafts. My options are to buy new shafts with either CV joints at both ends or just at the outer ends, or to rebuild my original shafts with new UJs. I am tempted to do the latter but am willing to be talked out of it. Meanwhile it's time to give the car a clean.

## One Month Later.

## Promises, promises

Last month I left you with the promise that I was going to give my Normale a clean before the TOC Rally in Devon. Did you believe me? Well, that's what I did ~ T-Cut and polish were involved and, whilst the rusty bits would not take a shine, the black paint did and the car ooked quite respectable.
One of the rally participants suggested I am someone who keeps saying what he's going to do to the car, and then never does it. I admit there is some truth in that and yet the car made it there and back in one piece. Some of that is due to the car being in regular use I had a think about this and have covered about $65,000 \mathrm{~km}$ since acquiring the car in 1997. I hardly used the car for about the first loyears which means it has done on average about $4,000 \mathrm{~km}$ per year in the last 16 . That's not exactly taxi or sales rep mileage but it's enough to

## Totally Traction

keep things from seizing up It was a good trip ~ up and down the hills, nice weather, great scenery and good company and good food. The car did well. No discernible engine oil or water was used, although some discernible patches of gearbox oil were left in the hotel car park. [They all do that, Sir, and they all did. Apologies to the hotel]. Actually we were all highly impressed by the quality of the Imperial Hotel Barnstaple ~ highly recommended if you are in the area. We put on a good display of Tractions at the Lyn Valley Classic where the cars were all parked together [and on grass so no embarrassing stains were left behind].

## 6-volt Battery

 speaking of water, one of the cars on the trip had a problem starting which was diagnosed by our crack team of experts to be a lack of water in theTraction at IIfracombe, parked in front of art by Damian Hurst
a 6-volt car and so it had an old fashioned style, but not that old, 6 -volt battery. The significance of it being old fashioned is that it is not sealed and therefore requires maintenance in the form keeping the electrolyte topped up. A significant amount of distilled water restored the battery to some form of life, if not rude health.
As regular readers will know, I turned my back on the 6 -volt system years ago and I have not regretted it for an instant. I am not suggesting that 6volts cannot be made to work properly since they obviously do on many cars. But they do need work and that's not for me. As well as maintaining the battery all the connections need to be tight and clean or the few volts you have just disappear. Not only that, the ignition and fuel system need to be in tip top condition to reduce the amount of churning needed to get the engine to fire. A 6-volt battery has less capacity for continued cranking than a 12 -volter.

One of the cars due to join the Devon rally failed to arrive. It was a very hot day and the car had difficulty restarting after a stop, quite likely due to fuel vapourisation. If you recall, I had this problem last year, solved by emptying a couple of litres of water over the fuel pump and pipe. I said would reroute or insulate my fuel pipe to prevent recurrence. Of course, haven't yet got around to that but my car, being I2volts [did I mention that?] is quite resilient but the car in question only had the 6volts it had when it left the Paris factory and it gave up.


Now we're back my next thing to do, which I really will do soon, is adjust the brakes because there is more pedal trave than there used to be
I am very grateful to Tony Stokoe who read about my sticky steering wheel and donated me the cast-off whee from his Big 6. It also needs work, but my plan is to spend a little time tidying up Tony's wheel and then fit it to my car $\sim$ and then spend more time cleaning and painting mine.
When we were in Jersey my wife had the opportunity to ride in a couple of other Trac tions. One was a Slough car and one was another Normale. Ap parently, they were quieter and smoother than mine. I have very little experience of other Trac tions as I tend to drive mine. recently had the opportunity to have a little drive of a very nice lowish mileage Normale


## Totally Traction

that was for sale. It was located near here which is a long way from the prospective buyer who asked me to have a look at. Names withheld to protect the innocent. This was a very nice car and, although I didn't take it on the open road, it certainly seemed smooth and quiet. I can understand what my wife means.
First of all, I know my gearbox whines a bit. A few years ago I planned to rebuild my broken one $\sim$ I have the parts and four of us got together to build our respective boxes. We built three ~ mine is yet to be built. That will help quieten the car a bit. All I need to do is build the 'box.


But the real difference will come from replacing the silentbloc bushes in the front suspension. That is where most of the rattling and clonking is coming from. Is it 'Silentbloc' or 'silent block' I wonder? I suspect it is both ~ 'Silentbloc' being a trade name of a manufacturer who no longer makes the things No matter the exact name, the parts are available, but the job is not something to be taken on lightly. These bushes are pressed into the 'cradle' and need a very heavy press to remove them. I do not have such a press so this may be a job I will ask a specialist to do. Alternatively, an exchange cradle may be the route to follow. Either way, the cradle will have to come out, which means the engine must come out too. And while that is out, that may be the opportunity to tidy a few other things up ~ like repair the corrosion in the bulk-
head under the battery box. recently saw someone posting a picture on Facebook of their DS with the whole front end stripped down. That job started as 'I'll just replace the hydraulic pump' am worried that, if I send my cradle away it will be gone for a while, during which time will get distracted, and the job will get out of hand. My alternative is to get hold of a press and do the whole thing myself. It may take just as long but I will have some control and will be motivated, once I start to get it done quickly. The sensible thing would be to have a rebuilt gearbox ready to go in when the rebuilt cradle is back in place.
Before I get to work on any of this, I need to sort out a couple of things on my DS and tidy the garage.
I'm not sure | have actually said I am going to do any of this ~ except adjust the brakes but eventually I will have to do all these things.
All this trouble is the result of my wife and I experiencing other cars. There's a lesson there. Chris Bailey

等会

## Dincuritiale Dlantande

Dury de Deime（ $6, B$ ） ）． 16 ल 11 mai 20 ィ


