

# BCHAC

A0049447S



**Newsletter Volume 14 Number 3  
February - March 2024**

## **Bass Coast Historical Automobile Club**

Was established in 2005 and offers members friendship, restoration advice and access to a continually expanding library. Our mid-week, weekend and annual events offer something of interest for all the family. Meetings 1st Tuesday of every month except January.  
BCHAC Inc, PO Box 687, Wonthaggi, 3995

Email - [bchaclub@yahoo.com](mailto:bchaclub@yahoo.com) Website - [www.bchac.com.au](http://www.bchac.com.au)

**Visitors are always welcome.**

### **PRESIDENT**

Keith Tonkin

Mob 0438577367, Email [s-tonks@live.com.au](mailto:s-tonks@live.com.au)

### **VICE PRESIDENT**

Pat Kennedy

. Mob 0438230422. [patkennedy1969@gmail.com](mailto:patkennedy1969@gmail.com)

### **SECRETARY**

Brian Asbury

**Mob** 0411237840 **Email** [theseecretarybchac@gmail.com](mailto:theseecretarybchac@gmail.com)

### **CLUB REGISTRAR**

Daryl Minter

**0418 133 161: Email - [boatshed2000@live.com.au](mailto:boatshed2000@live.com.au)**

### **TREASURER**

Dianne Adams

0408504828: Email - [erikekemail@gmail.com](mailto:erikekemail@gmail.com)

### **EDITOR**

Ray Watson

**0408 107 914: Email - [bchaclub@yahoo.com](mailto:bchaclub@yahoo.com)**

### **CLUB PERMIT SCHEME**

Daryl Minter – 0418133161 email as above

Graham McBain - 56724232 - 0457158760

Brian Davidson - 56722002 - 0429722002

Keith Tonkin - 0438577367

**DISCLAIMER**

The Bass Coast Historical Automobile Club Inc., its Officers and Committee cannot be held liable for any errors and/or omissions in articles, reports, notices, advertisements, comment and advice of events that are published in this Newsletter in good faith.

**PRESIDENT'S REPORT****January Report**

2023 has come and gone, and we are now in the 2nd month of 2024. The first meeting for the year was a Clayton's meeting at the State Coal Mine in Wonthaggi. It was well attended and everyone enjoyed themselves.

Another event was the Bass Coast Annual show, it was a little disappointing that as we are the Bass Coast Car Club we were only able to display 7 cars. But after learning the history of our attendance at the show let's hope we can put the past behind and have a few more cars next year.

With regards to the social events for the year Yvonne Irene and Judy are busy organising different rallies. I hope when you receive the news letter, which will be after we have our Club Car display at the Australia Day celebrations at Dalyston Football ground that we are able to report a good attendance.

Even at this early stage of the year we have made a start on preparations for this years Show and Shine. The suggested date is the 17th of November which will need to be approved at the next committee meeting.

Our secretary Brian is busy putting our application together for a Shire grant to help with costs for the event.

Let's hope that 2024 will be a happy and successful year for the club.

Regards Keith Tonkin (President)

**Front Cover** Something different at our Show and Shine

**Bass Coast Historical Automobile Club Inc.  
A0049447S  
General Meeting at Wonthaggi Workmen's Club  
5th December 2023**

**Meeting opened** at 7:30

Keith acknowledged the custodians of our land.

**Attendance** and **apologies** as recorded

**New Member / Visitors** Nil

Keith reported on our very successful Show and Shine event and provided 'insights' into next years event.

**Minutes of the previous meeting**

Published in the Newsletter

Move Brian Asbury                      2nd                      Eddy Jackson

Carried

**Business arising from the previous minutes**

Brian advised the new Term Deposit Account with \$8000.00 now opened at the Cowes Community Bendigo Bank.

**Correspondence**

29/11/23 Letters of appreciation to RACV, AOMC & Sentinel Times

27/11/23 To Bass Coast Shire details of expenditure for show and shine grants.

17/11/23 To and From Bass Coast Shire invitation to attend

show and shine.

Moved Brian 2nd Jack Moyle Carried

**Treasures Report.**

Dianne Adams presented the financial report for #1 Account, Term Deposit, Petty Cash, Show N Shine and the Tours and Events account Note copy of details attached to the minutes.

Dianne advised a breakdown of the Show N Shine event expenditure and income will be provided after all accounts have been finalised.

Moved Dianne Adams 2nd. Lyn Ashman Carried

**Reports –**

**Events**

In Judy's absence Yvonne advised on upcoming events including the following;

2 Jan Claytons Meeting at the State Coal Mine

6 Jan Wonthaggi Show

21 Cruden Farm

26 Jan Australia Day at Dalyston Football grounds

27 Jan Twilight Cruise & Dinner

28 Jan Power Show & Shine

Details in the Newsletter

Wags reported he led the recent ride of 4 members wearing wet weather gear around the 120k journey through Loch, Korumburra, Ruby, Leongatha and back to Wonthaggi.

Dave Trotter advised it had been a big year of visits to members open shed days proving very popular. Dave requested more members to open their sheds allowing others to see what work is

being done and how the work is being carried out.

Brian Asbury spoke of the conversation with Shirley Eagan Council's Grants Officer who had nothing but glowing reports fed into council of our Show and Shine event.

**AOMC /AMOC** Daryl nothing to report

**Editor** Next newsletter closing date **Ray** 23 January 24

**General Business**

The first meeting to be held on 6th February 2024.

A golf day at the Par 3 was suggested.

Keith thanked Ray, Brian and Tony for their work during the year.

**Buy, sell or give away**

Brian Davidson spoke of a Vauxhall for \$1200 motor starts 1st time, upholstery in good nick, work required at the back end.

**Next Meeting** 6/2/2024

**Meeting Closed** 8:15pm

A fool and his money are soon parting.

Plan to be spontaneous tomorrow.

Black holes are where God divides by zero.

All those who believe in psycho kinesis raise my hand.

Early bird gets the worm, but the second mouse gets the cheese.

I almost had a psychic girlfriend but she left me before we met.

OK, so what's the speed of dark?

# It's on again

## Motorcycle Run

Last Sunday of each month (weather permitting) commencing February 2024

**Time: Meet at Fincher Street @ 9.30am for a 10.00am start**

**Where: To be advised ?????**

To ensure that you are covered by our Club Insurance please make sure that you sign in at each run.

Expressions of Interest, questions or comments to;



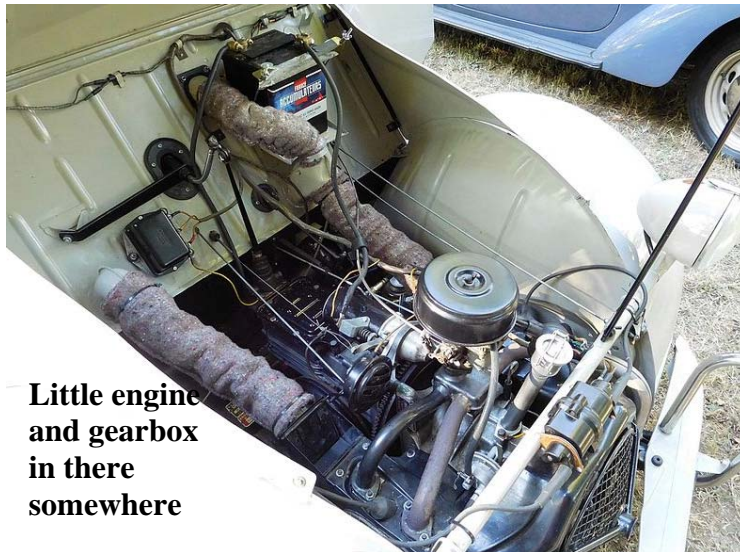
**PETER MATTEA, 0421832858.**

## **Two-cylinder “Boxer” Engine**

While researching for the article on “Why the Chevron” some interesting facts about the Citroen 2CV engine came up. It was a rather small engine – under 400 ccs. It is a horizontally opposed 2 cylinder “boxer” engine. Of necessity the pistons move in opposite directions which does cause one problem. If they moved in the same direction it might introduce some “rock and roll” but if we look at the 4-stroke cycle – Input, compression, power and exhaust things are more clear-cut. Let us look at what would happen if the pistons moved in the same direction. Starting with the left hand side on the input stroke. . The right would be either compression or exhaust. Lets look at the two possibilities.

Left                    I C P E I C P E I ....  
Right(A)            C P E I C P E I ...  
Right(B)            E I C P E I C P ...

In both possibilities there are two power strokes in a row – unworkable. Even more rock and roll.



**Little engine  
and gearbox  
in there  
somewhere**

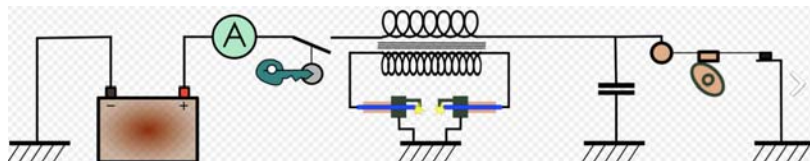




So what does pistons moving in opposite directions do?  
In a “normal” engine some pistons are moving up, some down.

Air can move from below one piston to below another.  
In a two cylinder boxer engine this cannot happen so the crankcase volume changes a lot with implications for pressure. High pressure in a crankcase is a big no-no, as it puts strain on oil seals and gaskets. The 2CV had a valve system to allow gases to escape – toward the engine air intake.

Interestingly the 2CV did not have a distributor – one less thing to go wrong. Timing was off the crankshaft and voltage was sent to both cylinder plugs at the same time when the pistons were near TDC, igniting fuel in the compression stroke and doing nothing in the exhaust stroke. This is known “wasted spark”. See Below



## **MEMBERSHIP REPORT**

### **February – March 2024**

Festivities over and the new year begins!

With an invigorated membership and recently installed committee what could possibly go wrong?

Several membership enquiries have been received over the holiday season which should come to fruition in the next month or so.

The Events committee has been busy making various visitation and destination arrangements and is researching our October annual tour which I am reliably informed will be in the Wimmera/Mallee area.

Peter Mattea is building his nucleus of motor cycle enthusiasts which is steadily increasing in number.

The organisation of the 2024 ‘Show and Shine’ event at Dalyston Football and Netball Ground is progressing under the auspices of President Keith and Secretary Brian.

#### **MODEL RULES:**

Page 22 of our previous newsletter informed members of the introduction of the “**Associations Incorporation Reform Regulations 2023**”, the Act may be read by downloading the current regulations which came into effect on 19 November 2023.

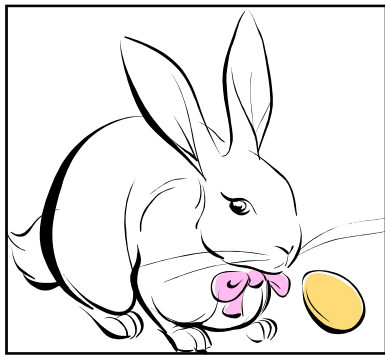
The section of those regulations which affects our club is **Part 3 - Model Rules - Schedule 4**.

The Model Rules as set out in Schedule 4 do not stray too far from the version our club currently uses, and to this end the committee will compare the current with the new version and report its findings to the club in the next

newsletter. From first reading it appears there is little content requiring change.

The committee will investigate ways by which a copy of the newly regulated rules may be distributed to all members.

Daryl Minter, Club Registrar, 0418133161.



## Easter Display Day. (BCHAC Cars only)

Apex Park Wonthaggi.  
Cars to be in situ no later than  
8.30am. Follow parking  
attendant's instructions on  
arrival. Food will be available  
from Lions and there will be a  
coffee cart on site.

## Calendar

### February 2024

4th & 5th February	Heritage Truck & Vehicle Display Lardner Park, Burnt Store Road, Lardner 10am to 4pm Cost \$15 per person	FYI
6th February	General Meeting Wonthaggi Workmen's Club 7.30pm	
11th February	Lang Lang Show & Shine Lang Lang Show Ground, Lang Lang	FYI
14th February	Valentine's Day – Sunset Saunter Meet at Rainbow Park, Inverloch 5pm Bring Chairs, table & drinks BYO food or buy	Yvonne 0414590632 or Judy 0419371441
18th February	Inverloch Classic Wooden Dinghy Regatta "The Glades" Inverloch 10am – 2pm BYO Picnic or purchase from local shops	Yvonne 0414590632 or Judy 0419371441
27th February	Committee Meeting Wonthaggi Workmen's Club 7pm	

**March 2024**

5th March	General Meeting Wonthaggi Workmen’s Club 7.30pm	
20th March	Korumburra Working Horse & Tractor Rally—Nyora. Meet at Venue 10am. 5875 South Gippsland Highway, Nyora. Metro Quarry Group Site (opposite Lang Lang Golf Course) Admission \$15 Exhibitors FREE	Yvonne 0414590632 Judy 0419371441
30th March	Display Day. Apex Park Wonthaggi. Cars to be in situ no later than 8.30am. Follow parking attendant’s instructions on arrival. Food will be available from Lions and there will be a coffee cart on site.	Yvonne 0414590632 Judy 0419371441

**WANTED**

Leftover WOOL is wanted to be used  
in activities at the nursing home where  
I volunteer.

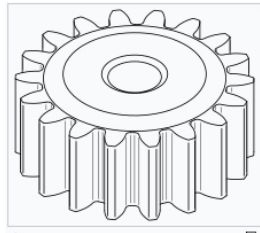
Any amount appreciated and can be  
collected at club meetings.

Lyn Ashman.  
0359823227

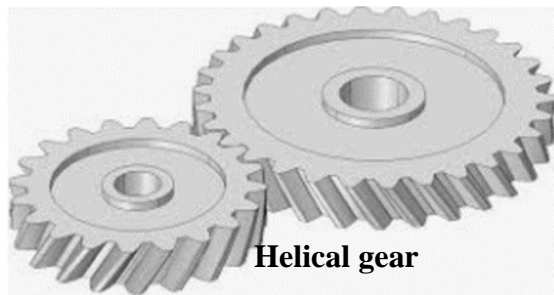
## Citroen – Why the Chevron(s)? Part 3



This time we reveal the answer which is **gears**  
Earliest gears were straight cut spur gears which are simple to make but are very noisy. Changing gears in a car is also more difficult although in common use in race cars. Helical or spiral gears were invented and reduced noise but a new problem – axial or sideways load arose. In large situations like flour milling or ships this load is very hard to control.



**Spur gear**



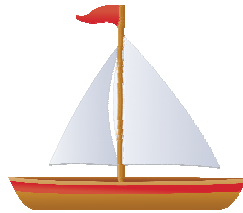
**Helical gear**

In a visit to Poland in 1900 Andre Citroën visited a small mechanical company that had developed a machine for cutting gears with herringbone teeth in wood. These could then be used in sand moulds. Normally very difficult to make. These gears were mainly used by flour and spinning mills, these overcome the axial load problem because one half pushes left, the other right.. Citroen had the rights to manufacture them in France and when his company branched out into cars he used two herringbone teeth as his car symbol - still used today even if a bit stylised.



Note man standing bottom right

## Wooden Boat Regatta



**Sunday 18th February 2024 at**  
**The Glade**  
**Inverloch**

Gates will be open from 10am – 2pm  
Please provide your own lunch or purchase from the Local Shops  
Come along on show off your car or bike  
and enjoy the day.







At our Show and Shine

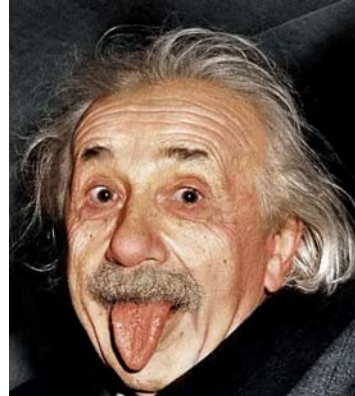


## Brain teasers

### Answers to last issue's puzzle

The death potion is not 1 or 2 (blue) and has two after it (Green and Yellow), so it must be Number 3.

So the order is Red, Blue, Death Green and Yellow.



### This month's puzzles

#### Puzzle 1

Three Paley brothers and three Thomson brothers operate a company that manufactures lie detectors. Three of these six men always tell the truth, and three always tell lies; neither set of brothers consists exclusively of liars. Some recent statements from the six men are recorded below. Can you find the six men's full names, and tell which men tell the truth and which tell lies?

1. Alan: "Both my brothers tell lies."
2. Boris: "Both my brothers tell the truth."
3. Chuck: "Alan and Boris are both liars."
4. David: "Chuck and I are brothers."
5. Edwin: "Boris and I are brothers."
6. Finney: "Edwin tells the truth."
7. Finney: "Boris is one of the Paleys."

#### Puzzle 2

Abigail is arranging 9 of 10 volumes of encyclopaedia in the following unusual order.

8,5,4,9,1,7,6,3,2 Where does volume 10 go?

♥ happy ♥  
Valentine's  
♥ day ♥

Wednesday 14<sup>th</sup> February 2024

Valentine's Day – Sunset Saunter  
Meet at Rainbow Park, Inverloch 5pm  
Bring Chairs, table & drinks  
BYO food or buy






# ANNUAL VINTAGE RALLY 16 & 17 MARCH 2024

5875 South Gippsland HWY, Nyora Metro Quarry Group Site (opposite Lang Lang Golf Course)

<b>Rally</b>	<b>Annual Tractor Pull</b>	<b>Vintage Tractors</b>	<b>Traction Engines</b>
<b>Features:</b>	Clydesdale Horses	Vintage Engines	Army Tanks
	Blacksmith Shop	Tractor Trek	Sheep Shearing
	Woodchop	Earthmoving Displays	Classic Cars
	Harvest Working Displays	Vintage Trucks	Children's Activities

For more information, please see our Facebook Page: Korumburra Working Horse & Tractor Rally

Or contact the secretary Viv Carfrae by telephone (0487 286 250) or email at [korumburrawhtr@gmail.com](mailto:korumburrawhtr@gmail.com)

For Stall Site enquiries please contact the secretary

<b>Enquiries:</b>	<b>Horses:</b> Merv Allen - 0408 595 015 or Heritage Draught Horse Club <b>Engines:</b> Greg Trease - 0417 534 385 <b>Tractors:</b> Vyn Harris - 0419 315 423	<b>Admission: Adults \$15.00 Under 16 Free</b> Exhibitors Free Entry Onsite Camping available for Exhibitors Saturday Night Meal NHMA Rules Apply
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**Wanted**

**Articles for the newsletter.**  
If you have time to put pen to paper or rather fingers to the keyboard, articles would be appreciated. Suggestions could be details of your car/bike and its history/quirks. Perhaps a reminiscence of a vehicle you wish you still had or thoughts of an event you attended. Submissions are best in Word and need not be fancy edited as they may need to be tweaked to suit the space and software. Pictures are most welcome, preferably as separate attachments in reasonably high definition. Email to Club's address preferred.

**FOR SALE 1952 “FX Holden” Timber Box-Trailer**

Family heirloom built in Grafton NSW for my father. 2 owners.  
Box size is 1200mmW x 1900mmL x 350mmH. Excellent condition.  
Removable folding timber frame with PVC canopy. Mattress. Detachable awning. Hinge-down half tailgate. White paintwork. All lights work. Spare FX tyre & hubcap. Has jockey wheel & 2 rear wind-down-jacks. Axle, 50mm hitch, hubs & bearings renewed 4 years ago. Always garaged. Not registered (not required in Vic).

New owner can re-paint to match an FX/FJ Holden making a perfect Concours-winning classic rig. I can email photos/send to your phone.

\$1250—ONO

Warwick Spinaze Tootgarook

0407 016 719



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# Calendar

## February - July 2024

**Feb**

Mo	Tu	We	Th	Fr	Sa	Su
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

**Mar**

Mo	Tu	We	Th	Fr	Sa	Su
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

**Apr**

Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

**May**

Mo	Tu	We	Th	Fr	Sa	Su
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	17	19
20	21	22	23	24	25	26
27	28	29	30	31		

**Jun**

Mo	Tu	We	Th	Fr	Sa	Su
				1	2	
3	4	5	6	7	8	9
10	11	12	12	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

**Jul**

Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				



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Valid only at Autopro Cowes & Wonthaggi for Members of the Bass Coast Historical Automotive Club. Not redeemable for cash, maximum discount \$50. Expires Wednesday 1 December 2021.

\*% Off regular ticketed price. Store stock only. Excludes gift cards, navigation, GoPro, installation, advertised lines, in store specials.

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