

# *A Ford Script*



February 2022

# Official Newsletter of THE MODEL "A" FORD CLUB OF AMERICA

Canterbury New Zealand Chapter. PO Box 4212 Christchurch

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Did you know our club has its own Website, type 'Model A Ford club Canterbury' into google. There are a number of pages of interest including all the Scripts from 2014 (able to be downloaded and/or printed), notes on future events as well as market place where free adds for members can be posted. Any questions or suggestions please contact Graeme Scott (webmaster) at [scotts.belfast.nz@gmail.com](mailto:scotts.belfast.nz@gmail.com)

COVER: Motukarara, Era Picnic

## CLUB CAPTAIN'S REPORT

Happy New Year to everyone. We would like to think that we are able to continue with our activities as the majority are outside and less than 100 attending.

29 members had a very pleasant Christmas lunch at the Horny Workingmen's club just before the festive season really kicked in. The small presents for everyone came with an interesting "game" and all participated in the usual spirit of cheerfulness that we always see with our club.

The report on the Era picnic follows, and 22 of us enjoyed the opportunity for the alternative to our advertised venue – which was unfortunately cancelled.

Our next event is the gymkhana and this will be a very interesting day with the venue being one that I know you will want to visit. Let's see if we can get a good number participating as good numbers always make this event a lot more interesting and challenging.

Once again I have included in this edition an "Earlybird" registration form for the 2023 National Rally which is on your back doorstep. We had a good response from including this in The Script and now have 100 cars pre registered. This early form will mean that you are able to receive the newsletters and the programme is looking more exciting each week as we add to our ideas.

Kind regards.

**Lyn**

# NATIONAL RALLY 2023



I would like to record an “Earlybird” registration for the Ford Model A Rally in Methven on 4 – 10 March 2023.

Name	
Address	
Email	
Cellphone	
Model A	

Please bank \$20 into the account number 06 0805 0018320 23 (ANZ).

The email address for this Rally is [2023modelarally@gmail.com](mailto:2023modelarally@gmail.com)

We look forward to seeing you.

Lyn Miles

Secretary 027 228 6292

## COMING EVENTS

### 2022

- February** - **Southland Tour**
- March 13<sup>th</sup>** - **Gymkhana in Methven**
- April** - **High Country Run**

Further events for the year will be decided at our committee meeting on 21 February. If anyone would like to add any interesting ideas that they would like to see us offer to our members for this year, please contact Lyn or Brent

## PAST EVENTS - Children's Christmas Picnic

### December 1<sup>st</sup> 2021 — VCC Grounds

This event was an enjoyable outing with location and weather helping to add to the occasion.

We had 6 families with 5 grandchildren in attendance and it was great that Peter Bayler brought out his electric Model A Pickup pedal car. This became a hit with the children and it was a pleasure to see the enjoyment that they had, they all gave each other a fair go at being in the driver's seat.

Father Christmas made his annual appearance with presents for the children.



This was a very enjoyable evening.





## PAST EVENTS - Christmas Lunch

### December 19<sup>th</sup> 2021 — Hornby Working Mens Club

We met in the new part of the Hornby Working Mens Club, in a nice bright room for our lunch.



Lunch was a buffet with lots of fine choices of hot and cold food which we all dug into. Some of us went for seconds. There were so many dessert choices that I had to go twice just to have a try of everything that was on offer.

Suddenly Lyn was walking around with a big bag and everyone got a little present out of it, which we were not allowed to open. We received an instruction sheet and a big pair of dice was produced. At first the instructions were a bit confusing but it all became very clear as we started playing. Each person had a turn to roll the dice, then everyone else had to follow the instruction on the

sheet that matched the number rolled. The presents moved 3 people to the right and suddenly we had new presents in front of us. Next was 2 left and then another 2 left and our original presents moved back past us again. Then we had to go and swap with someone else's present so we all got up and looked for the most interesting looking one. Happy with our choices we sat down again, just for the next roll of the dice to move it on once more. It was agonising how this present kept on moving past us, and with every roll of the dice we hoped we would get it back again. Once everybody had rolled the dice, we were finally allowed to open the present we ended up with. I got a candle. It was so cleverly wrapped, I would have never guessed.



All in all we had many laughs and lots of fun. Great food and great company.



## PAST EVENTS - The Era Picnic

### January 30<sup>th</sup> 2022 — Waihora Domain, Motukarara

After the cancellation of the “Statues at Louden Farm Teddington” for 30 January, where we were to have music, food to buy, statues, and a display of our cars with our era gear and tables set up, Brent and I in consultation with John Olliver, who had done a great job in organising Louden Farm, decided that we still needed to have our era picnic.

Motukarara and the Waihora Domain was selected. 11 cars and 22 people arrived to engage in catch up discussions as our first outing for the 2022 year. It was a very pleasant 3 hours with the weather playing ball too.

The fancy table cloths and even fancier teapots, cups, saucers and plates all reminded us of what our previous relations owned and took for granted. We are so lucky to be able to replicate the 1920's and 30's.

A most enjoyable day.





# AUTHENTICALLY SPEAKING

## Technically Speaking.

### The Model 'A' Water Pump.

This piece of vital equipment is often overlooked. The radiator capacity is 1 ½ gallons and the pump pumps 38 gallons of water per minute, which seems hard to believe. (I have never measured this to see whether this fact is correct. If the radiator alone does not hold close to 1 ½ gallons then it is plugged up. The entire cooling system will hold 3 gallons. (US Gallons). The cooling surface is 374 sq. in. Rotational speed of the pump is 1.2 times engine RPM.

### Water Pump specifications you need to know.

Shaft: 5/8" diameter. Shaft end play: .006"-.010". The front bearing takes standard multipurpose grease, but the rear bushing takes a very special grease which is a calcium-based moderate-duty grease for automotive water. Penrite make this grease and it is only applied to the rear bushing. It is applied through the grease nipple by removing the brass cap, or by filling the cap and winding the cap in place. It is very important not to over grease or clogging problems will occur. It is made for operating temperatures of 20 to 130 °C.

Parts required for a complete pump are pictured below. For parts requirements it is best to contact your friendly Model 'A' parts supplier for what-ever parts you need. Pumps can be purchased as a complete working

pump, a leakless pump (which come in many varieties), or as a water pump kit, or parts as you require them. There are 18 parts to any standard original pump including the casting which come as a small bottom hole for 1928 and part of 1929, and the larger bottom hole to the end of production in 1932.

The front roller bearing has a grease distribution channel in the casting as pictured at right to allow grease to enter right around the bearing.

If replacing the rear bushing it is important to align the bushing grease inlet hole with the grease nipple as

pictured. Likewise with the front bearing shell. The grease hole must align with the nipple,

right.

The rear bushing A-8520-A has to be pressed into place. It has to be very secure in the casting to stop leakage and to hold the gland nut A-8523-A.



pictured extreme



# AUTHENTICALLY SPEAKING



A-8520-A

### Water Pump Gland Packing.

There are many forms of gland packing from graphited twine (which I use) to modern day plastic stuff which I never use, but can be used with a stainless shaft. The graphited twine I leave unaltered and cut to a length of around 120mm (or 5" in the old money.) The trick to this is to always add grease to the twine before installing. This is vital. I once forgot the grease and my pump shaft went blue and was nearly at the point of seizing. Gland packing pictured at right. I have found that the graphite twine is getting hard to obtain and I had to bribe a local 'steam society' member for some. They had yards of the stuff. Install the gland packing in say 60mm lengths. Wind around the shaft in the direction of rotation and wind in the gland nut. If you have a brass gland nut, go easy on the nut, they mark easily. There are gland



nut tools available. Wind it in and the packing will compress a lot, where a second length will most likely have to be added. You must have at least 4 to 5 turns plus on the nut to be effective to stop water leakage, and preferably more. The rear bushing A-8520-A has a thread of 20tpi NF and is a bronze composition.



The rear of the bronze bush A-8520-A acts as a thrust surface for the pump impeller teardrop washer.



The other end of A-8520-A is chamfered to aid in the compression of the gland packing to the shaft.



A-8520-A rear bush with gland nut.



## AUTHENTICALLY SPEAKING

### The fit of the fan blade to the pump shaft.

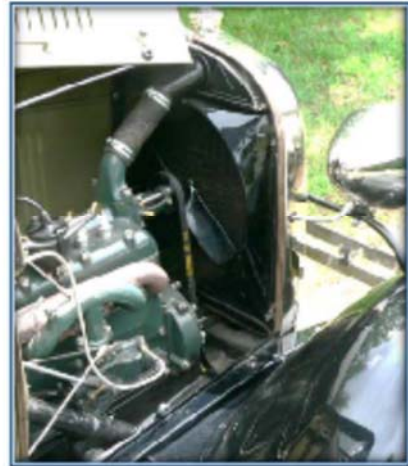
It is vital that both tapers (shaft and fan blade) are perfectly dry. Never install tapers with any trace of grease. (This also goes for the rear axle fit to the drum).



Carefully turn the fan blade over until the woodruff key fits into the keyway in the fan blade. By winding the shaft castellated nut down to the cotter pin hole, the fan blade should be soundly locked in place. If there is any movement look at the wear on your tapers. New water pump shafts are freely available and so are very good aluminium fan blades. Never use a cracked or damaged fan blade. Always use a pinned castellated nut, never use a split washer and a non castellated nut to secure the fan blade.

The original fan blade was a two bladed fan and there is no need to fit a later four bladed fan unless you are having cooling problems which usually indicates a partially blocked radiator core.

Headnut.



## FOR SALE

**1931 Ford Model A Victoria LHD** imported 2013.

Early Leatherback built in October 1930. Engine sleeved to standard, counterbalanced crank etc, gearbox and rear end rebuilt. An authentic restoration with correct colours, upholstery etc. Added indicators, halogen lights and cast iron brake drums for safety. Winner of several awards. Reluctant sale but I need the garage space.

Garth Moore 0274 726 025





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## **Wanted.**

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Model A Ford Shock Absorbers rebuilt as exchange \$210 each, or \$240 outright.

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Set of four Hood Woods (New). Suitable for tourer or Roadster. \$400.00.

Set of tyres and tubes, suitable for Rolling chassis, 19" \$ 200.00 for set or \$50.00 each.

Phone Terry 03 434 3199

## WANTED

1930 Headlight Bar

Phone or Text David Coakley 027 354 0307

## CLUB CAR REPORT

The Club Car was motored in December; it was used for the wedding of a member's granddaughter. Tim Eagle was the driver for this occasion.

A WOF is required this month and will be carried out

We have purchased a battery charger to retain the battery voltage while not in use.

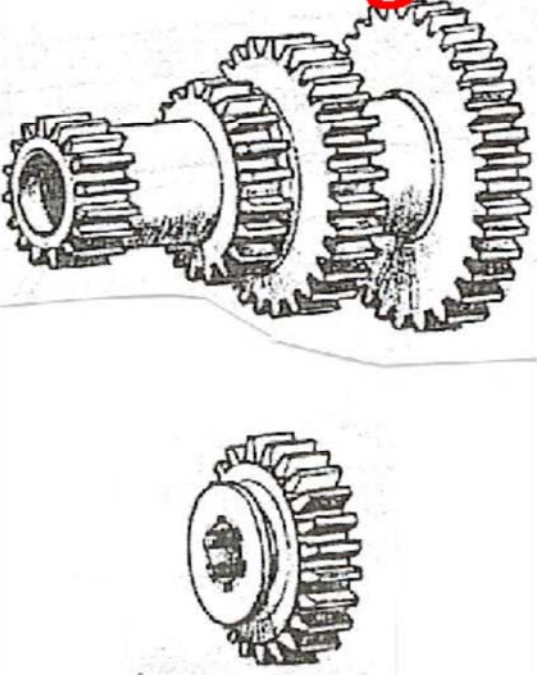
## SCRIPT CLOSING DATE

Help us make The Script a success. We would be grateful for any material you feel could be appropriate to include in our Club's newsletter.

CLOSING DATE for copy for the next Script is **20<sup>th</sup> February 2022**. Please send to the Editor, Andre Kraenzlin [afordscript@gmail.com](mailto:afordscript@gmail.com).

The views expressed in this magazine are personal opinions of those who contribute and do not necessarily represent the views or methodology of the Canterbury Chapter of the Model A Ford Club of America. Thanks goes to MAFC member magazines and web sites as well as other sources who supply material to our club which we reprint in the magazine.

# Model-A-gearbox upgrade.



Improved 2nd gear ratio by 15% to increase overall road speed in 2nd gear and hill climb ability without stress revving your engine.  
With the installation of this new cluster and 2nd gear, this is all that is needed to achieve the effect desired i.e.: higher speeds in 2<sup>nd</sup> gear, making traffic driving and hill climbing not a problem.

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Auckland 0614  
New Zealand

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MOBILE (0274) 543 983  
EMAIL: [vet.vin@xtra.co.nz](mailto:vet.vin@xtra.co.nz)  
Web; [www.veteranvintagecars.co.nz](http://www.veteranvintagecars.co.nz)



## **CLUB CAR:**

Remember that the Club Phaeton is available for members to use. If your Model A is not mobile, give some thought to borrowing the Club car to join in one of our runs.

Guidelines for its use are printed inside the back of the membership list.

Graham Evans (ph. 03 351 5919) is the custodian of the car and looks forward to your call requesting the use of the car.

## **CANCELLATIONS:**

In the event of unsuitable or doubtful weather, cancellations or postponements will be emailed to you.

We have printed the annual run organiser for the coming events in this script.

## **ANTIQUUE FORD PARTS**

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