

DECEMBER 1980

# RUST 'N PIECES



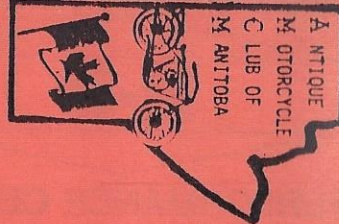
Merry Christmas

AND BEST WISHES FOR A

Happy New Year

VOL. 3

NO. 12



P.O. BOX 1074  
WINNIPEG, MANITOBA  
R3C 2X4

A NTIQUE  
M OTORCYCLE  
C LUB OF  
M ANITOBA

TO:

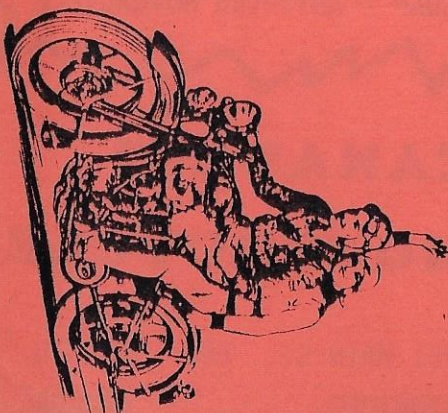
Ross Metcalfe

716 Mainline Rd

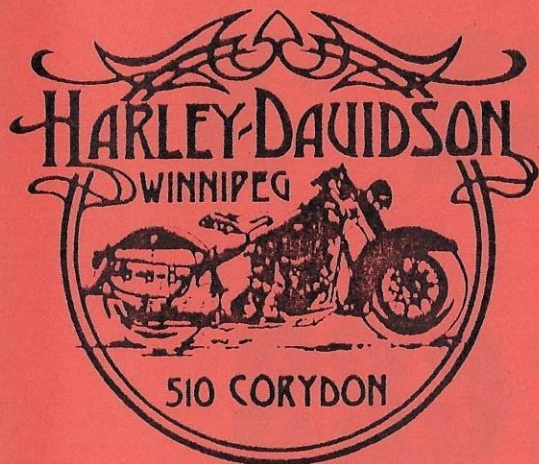
1000 Mos

R3R14

PRINTED MATTER







PEMBINA HWY  
& CORYDON

- SALES & SERVICE
- CUSTOM PARTS & ACCESSORIES
- SPEED EQUIPMENT
- ENGINE & TRANS REBUILDING
- WHEEL BUILDING
- AUTO-PAC WORK

**475-7055**

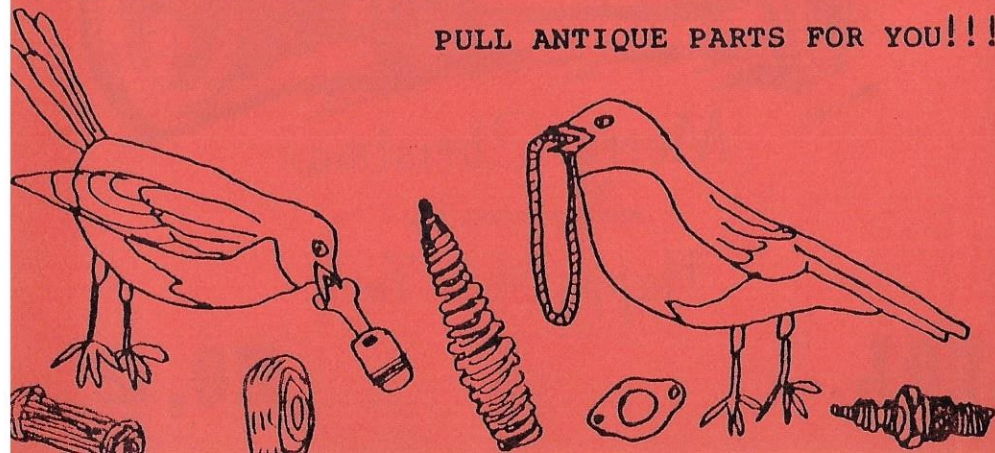
## ROBINS MOTORCYCLE SALES

16 KEEWATIN STREET  
WINNIPEG, MANITOBA  
R3B 3B9

G. E. (TINY) ROBINS  
PH. (204) 633-5690

ROBINS DOING THEIR BEST TO

PULL ANTIQUE PARTS FOR YOU!!!



**H-D**

## PERFORMANCE CENTER

93 STADACONA STREET  
WINNIPEG, MANITOBA  
667-8068

ENGINE & TRANSMISSION REBUILDERS

HARLEY DAVIDSON SPECIALISTS

COMPLETE MACHINE SHOP SERVICES,

ALUMINUM WELDING

CUSTOM PARTS

BIG BORE KITS

& ACCESSORIES

SPEED EQUIPMENT

DISC DRILLING

GLASS BEAD BLASTING

OBSOLETE PARTS

OPEN DAILY - 10:00 a. m. to 6:00 p. m.



**GATEWAY  
POWER  
PRODUCTS**

990 NAIRN AVE., WINNIPEG, MAN.  
R2L 0Y2

(MAIL ORDER SERVICE)



**SALES**

**SERVICE**

**PARTS**

**ACCESSORIES**

**667-3327**

## LAWRENCE BIRD MOTORCYCLES



SALES - SERVICE  
PARTS and ACCESSORIES

PH. (204) 727-3808

18 - 6th Street P.O. Box 151  
BRANDON, MANITOBA

**OPEN SUNDAY**

GIGANTIC USED PARTS STOCK  
FOR MOST MAKES

WE BUY - SELL - TRADE -  
SWAP - ANYTHING MOTORCYCLE

**CANADIAN  
MOTORCYCLE**

981 MAIN ST. PH: 582-4130  
WINNIPEG, CANADA



## SHORT NOTICES

The club will have these articles for sale.

Extra copies of Rust and Pieces .85 each  
Club Crests \$13 each  
Corn Roast Plaques 1979 \$1.05 each  
Spring Run Plaques 1980 \$1.15 each

February 7, 1980 House party for AMCM members at Ray Houdes

## TRADING POST

### WANTED

BMW motorcycles or parts 1969 or earlier  
BMW manuals and sales Literature 1972 or earlier

### CONTACT

Jim Simmons, 15 Finestone St. Wpg. Man. 633-5010

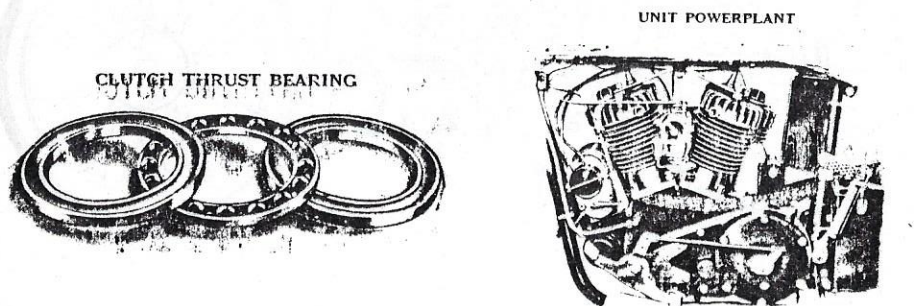
### WANTED

FOR A 1937-39 R51 BMW  
Headlamp assembly, Teardrop taillight, spark advance  
lever, exhaust pipes and mufflers, manual and sales  
brochure, kickstart and foot shift levers.

### CONTACT

Bob Hatton, 10-1730 Taylor Ave. Wpg Man. 489-2608

OTHER CLUBS PLEASE COPY



ADVERTISING: Bob Hatton, THE ANTIQUE MOTORCYCLE CLUB of MANITOBA, P. O. BOX 1074,  
WINNIPEG, MANITOBA, R3C 2X4, (204) 257-4894  
489-2608

# Contents

CLUB MINUTES .....	1
PRESIDENTS NOTE .....	6
EDITORS NOTE .....	6
MEMBER IN THE NEWS .....	7
DECEMBER QUIZ .....	8
VINCENT TECH. TIPS .....	9
MORE MOTORCYCLES ON DISPLAY .....	14
CDN. CUSTOMS: DUTIES ON M/C PARTS .....	15
ALBERT CHAMPION .....	15
IDENTIFY THAT OLD BIKE .....	17
MEMBERSHIP & REGISTRATION FORM .....	18
CLUBS, SHOPS, PRODUCTS, INFO. ....	21
SHORT NOTICES .....	22
TRADING POST .....	22

EDITOR..... Bob Hatton  
PHOTOGRAPHY..... Brian Nazarko  
ARTWORK & LAYOUT..... Graeme Smith

RUST'N PIECES is the official monthly publication of THE ANTIQUE MOTORCYCLE CLUB  
of MANITOBA (est. 1977) P. O. Box 1074 Winnipeg, Manitoba, R3C 2X4

Advertisements, editorial submissions and other correspondence should be sent to  
this address. We welcome art, photographs and manuscripts. Sufficient postage and  
a self addressed envelope will guarantee review and/or return of submissions. The  
staff of RUST'N PIECES will make every effort to take care of unsolicited mater-  
ials, but cannot be responsible for damage in the mails, nor do they assume any  
responsibility for return or safety of same.

CLUB PRESIDENT..... Jim Simmons (204) 633-5010  
PAST PRESIDENT..... Jim Harrison LIBRARIAN..... John Choquette  
SECRETARY..... Pat Choquette ACTIVITIES MANAGER..... Ray Houde  
TREASURER..... Siggie Klann PUBLIC RELATIONS..... Graeme Smith

The membership of the A.M.C.M. extends their thanks and appreciation to our  
sponsors: ROTHMANS of PALL MALL CANADA LTD. and MOLSON BREWERY MANITOBA LTD.  
for their support and thoughtful considerations.

Printed in Wpg. Man. by: TOTAL PRINTING and REPRODUCTION SERVICES LIMITED



## CLUB MINUTES

A good crowd turned out for the November meeting that was held on the evening of Nov. 21 at the Rothmans Center.

In the executive report Siggi Klann reported that it looks like we (AMCM) will make it through the year in the black and John Choquette brought it to the clubs attention that we now have a bearing exchange manual in our library which was donated by Brian Nazarko. Jim Simmons has written the Black Hawk Chapter about a joint rally in June and we hope to hear from them before our next meeting. Bob Hatton reported that the new constitution is ready and will be sent out in the March newsletter. The November Quiz was reviewed and Al Johnson was the winner.

A house party for AMCM members will be held at Ray Houde's house on the evening of Feb. 7, 1981. The club will purchase mix and ice but club members will have to supply their refreshments of their choice.

Jim Simmons has researched the cost of putting on a social and made a report to the membership. It was decided that the costs were too high so the idea of a social was dropped.

Tiny Robins suggested we could have a joint social event with the Manitoba Motorcycle Club and the Old Timers Club. The MMC would bankroll this event so they would get the profits and they also would like a guarantee of ticket sales and attendance. The club was in favour of this and a motion of intent was passed. A date of Oct 17 or 24 was suggested and the location possibly being the Southwood Super Club.

Dates for the 1981 meetings were announced and they are as listed: Jan 19, Feb 16, Mar 30, Apr 20, May 18, June 22, July 20, Aug 17, Sept 21, Oct 26, Nov 23, and December 14th.

## CLUBS, SHOPS PRODUCTS INFO

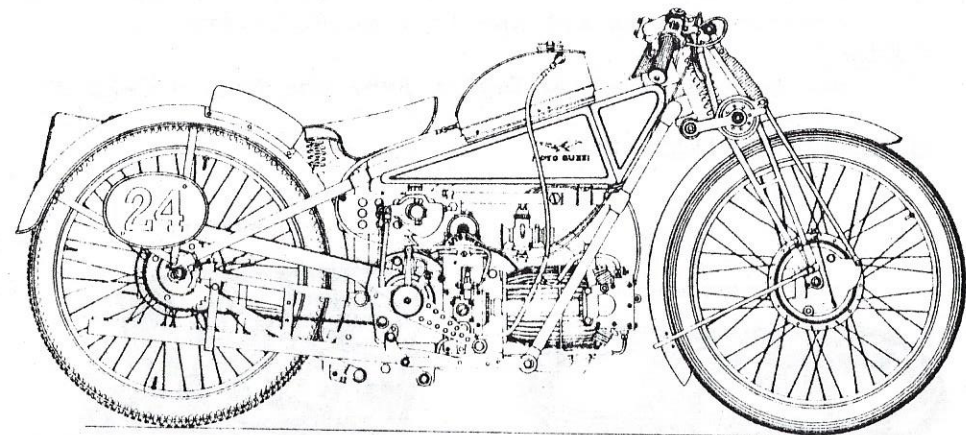
Please note the change of address of Riders Junction, Phil has moved to a larger shop just down the street so go over and check it out. Also Canadian Motorcycle has done some renovations so drop around and see what Joe can do for you.

As mentioned earlier in the newsletter check this new club out if you are a sidecar fan.

Canadian Sidecar Owners Club  
651 Trafford Crescent  
Oakville, Ontario  
L6L 3T4

Also check out these shops and services  
Walneck's Vintage M/C Sales  
Also publisher of Classicfieds (Subscription \$5 per yr)  
7923 Janes Ave, Woodridge, IL 60515

James Gaskets (Indian)  
4432 Enterprise St.  
Fremont, CA 94538



500cc Moto Guzzi motorcycle, 1929





May I extend my best wishes to everyone in the New Year. The past summer has been terrific with a bit of something for everyone, but I hope everyone is looking forward to something even better next year.

I am looking forward to giving a harder kick at the cat to stir up some more fun and excitement for the future for everyone.

More shows, more runs, more outings, more meetings with other clubs etc. With a little more effort from everyone we cannot miss and will definitely be expecting a heck of a good time in the months to come.

May good weather be with you.

See you all soon,

*Smitty*

"Smitty"

The names of the people that are willing to let their names stand for the 1981 executive were announced and are as listed as below.

President Ed Pauch  
Past President Jim Simmons  
Newsletter staff  
Editor Jim Harrison  
Layout Keith Freeman  
Treasurer Siggi Klann  
Publicity Manager Graeme Smith  
Librarian Bob Hatton  
Activities Chairman Ray Houde  
Property Manager Barry Sieb

As of yet we do not have a secretary so give Jim Harrison a call if you could help the club out by letting your name stand for this position.

Our club received a newsletter from the Atlantic Vintage Motorcycle Society. They have a good newsletter and we will be exchanging newsletters with them. Ask our librarian to see a copy of their newsletter.

A collection was taken up (\$25) to give to Gerry Chapman to help him out on his trip to Toronto for the Annual NAAACCC meeting. This group is a great help to vintage vehicle fans. They were a fundamental factor in getting the government to change the importing laws on vintage vehicles and parts.

The meeting was adjourned and members sat around for quite some time talking about our common interests. The next meeting will be held on Dec 15th at the Rothmans center, 1645 Inkster Blvd.





## PRESIDENTS NOTE

Well I guess this is the last one of these notes I'll be writing for my term. The bike is put away for the winter and I'm thinking about things that have to be done before spring. It seems like its been a very short time since this executive took office and a few of the things I would have liked to have seen, never got done for one reason or another. To me the highlite of the year would have to be the outstanding results we obtained in our opposition to the proposed turn signal legislation. Your incoming executive will be taking over following the next meeting and I hope they find their positions as enjoyable as I've found mine.

I hope to see a good turn out at the house party Feb 7 for an evening of chewing the fat. This will be the second time the Houde's have hosted us so let's show our appreciation with a good turn out.

Else where in this issue you will find the Address of the Canadian Sidecar Owners Club. I have just received the first issue of this club's newsletter. They seem to be a very enthusiastic crew of people and their effort at a newsletter is most impressive. Well thats all for now and we'll see you all at the next meeting.

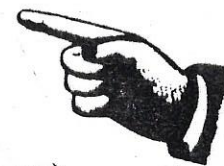
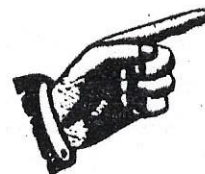
## EDITORS NOTE

It seems just like yesterday that I was wondering what I was going to put in my first newsletter and now I am working on the December newsletter. Doing this newsletter has been interesting and I have learned a lot about different bikes, met many interesting people and learned a bit about printing processes.

I would like to thank the many people who contributed to the newsletter and helped me out. Without your help this job would have been a lot harder. Also thanks to Total Printing for doing such a good job on the printing of the newsletter. A special thanks to our sponsors and I hope your adds were benefical to you as your support was helpful to us.

I would like to wish the new executive the best of success in their term and urge the membership to help and support them as much as possible so the club can continue and prosper.

# The Antique Motorcycle Club of Manitoba (est. 1977)



1981 ROSTER FORM

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

Please include postal code

PHONE NUMBER \_\_\_\_\_

Condition of motorcycles listed

- |                  |                               |
|------------------|-------------------------------|
| A Restored       | D Original                    |
| B Being restored | E Parts bike                  |
| C Restorable     | F Looking for particular bike |

YEAR	MAKE	DISPLACEMENT	NO. of CYL	CONDITION
------	------	--------------	------------	-----------


Manuals, books or tools that could be loaned to fellow club members. \_\_\_\_\_

I \_\_\_\_\_ will abide by the By laws and Constitution of the Antique Motorcycle Club of Manitoba.



The year coding is as follows

1920 - P	1930 - W
21 - N	31 - H
22 - E	32 - Y
23 - U	33 - Z
24 - M	34 - D
25 - A	35 - R
26 - T	36 - V
27-- I	37 - F
28 - C	38 - O
29 - S	39 - G

Special feature suffixes are;

- S or \* - Customers specs, specially tuned
- A - High lift cams
- D - Flat top iron pistons
- E - Dome topped iron pistons
- f - Dome topped alloy piston



#### MEMBERSHIP DUES

Membership dues for 1981 are \$10 and the deadline is on our February meeting. If you can not attend the meeting, you may mail a cheque or money order, payable to The Antique Motorcycle Club of Manitoba and mail it to our mailing address.

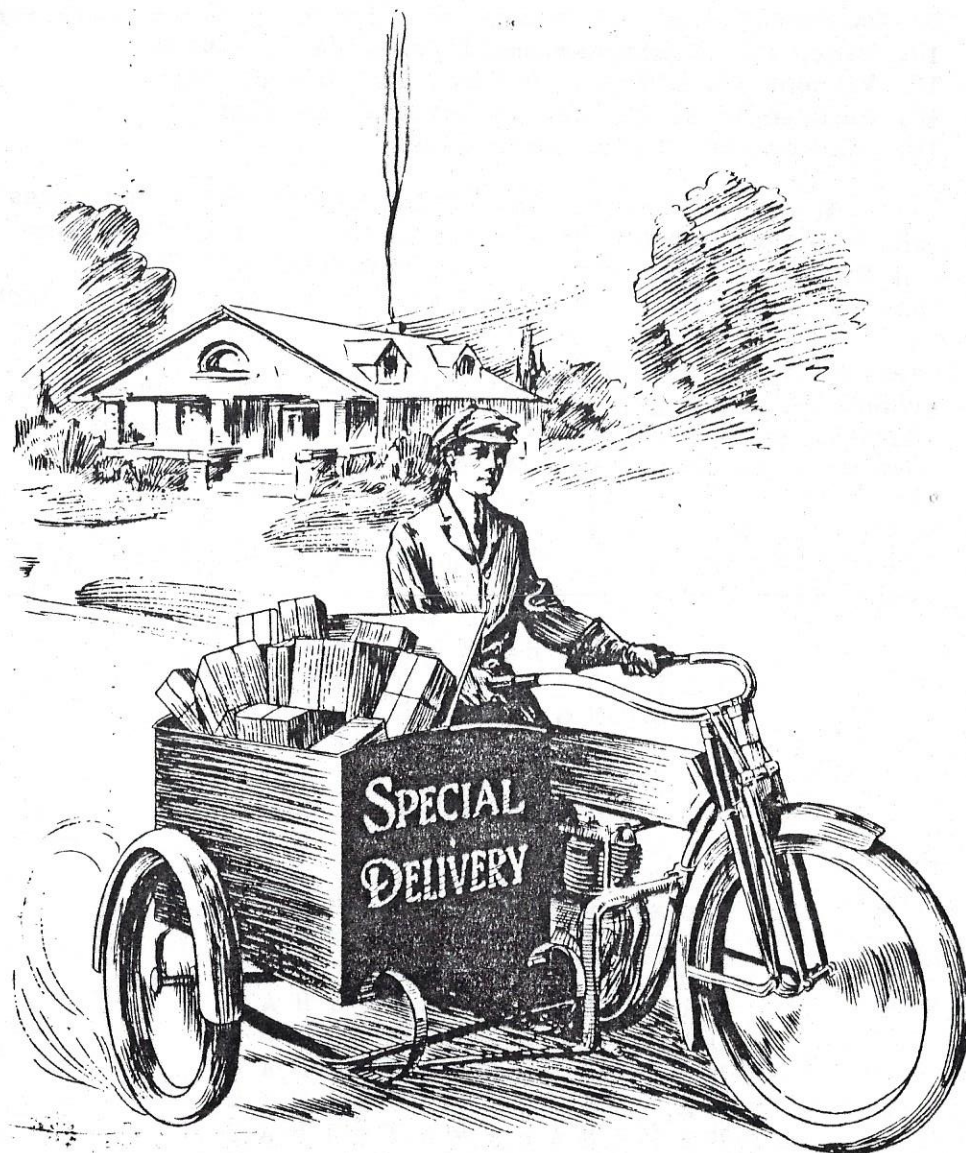
There will be one more newsletter mailed out after this one, so get your dues in. Enclosed you will find our club roster form. Each member should fill out the roster form. Any member wishing to list his/her motorcycle should do so on his/her roster sheet. This way we will have the club roster ready before spring.

Siggi Klann

#### MEMBER IN THE NEWS

Rod-A-Rama 80 was held in the Winnipeg Convention Centre on Oct. 31, and Nov. 1 and 2nd. Fletcher Reid displayed his 1945 Indian Chief and won a trophy for Outstanding Cycle in the show and a cheque for \$25.

Siggi Klann





## DECEMBER QUIZ

As you know from reading the minutes Al Johnson won the November quiz. He came up with so many answers for the bike trade names it seems that he must be an encyclopedia of info. Here is the answers for a few of the harder letters and the tie breakers.

- Q. Quadrant, W. Wanderer, X. Xl-all  
1. Ariel 4, Triumph Twins 2 Isle of Man TT Norton  
3. Ariel, 4. Soichiro, 5. Yamaha 6. BMW, 7. Royal Enfield  
8. You meet the nicest people on a Honda, 9 Harley Davidson  
10. Manx, 11. Birmingham Small Arms, JA Prestwich  
12. Vincent 13. GOV132, 14 Ossa, 15. Dream(Honda)  
16. Aero engines, 17. Pa, 18 Gottlieb Damiler  
19. Indian, 20 Armand Bombardier

On with the next quiz. Below are listed a few names and words associated with motorcycles. Try to find them in the mess of letters that are shown below. They are all in there and can be found at all angles and directions.

Aermacchi, Agusta, AMA, Ariel, Bell, Benelli, BMW, Bonneville, Brough, BSA, Cam, Chopper, Custom, Dice, Dot, Ducati, Egli, Elsinor, Enfield, Fork, Gilers, Greeves, Harley, Hog, Honda, Husqvarna, Indian, Jawa, Kawasaki, Laverda, Long, Lucas, Manx, Monteas, Nimbus, Nixon, Norton, NSU, Oil, Ossa, Panther, Port, Puch, Rennsport, Roadrace, Sachs, Sidecar, Solax, Triumph, Twingle, Ural, Vincent, Velocette, Yamaha Zundapp

Z G U X D I H C C A M R E A Z I  
U Z I J Z U Z H U S Q V A R N A  
N S A C H S C I P H G E B E E B  
D W S A C U L A A M A N E L G R  
A E E E P T O R T U U F L I Z O  
P C T T V N L I N I X I L G E U  
P A N T H E R B L A V E R D A G  
Z R O E Y C E E O E I L L T G H  
R D M C I N P R N G N D U O U S  
A A A O E I P N G N L O N N S U  
D O C L C V O O Z A S E T I T B  
N R L E I B H S R B Z P I R A M  
O I B V D K C U S T O M O R O I  
H M X I R I K A S A W A K R A N  
W E R O N I S L E L G N I W T G  
U Z F Z N A H A M A Y X I N A Z

The answer to this quiz will be in next months newsletter but try it out and see how you do.

## IDENTIFY THAT OLD BIKE

Deciphering the Engine numbers on J.A.P. engines

Engines made by the J.A. Prestwitch Co. of Tottenham England were used in a great many makes of English and European motorcycles in the 20's and 30's. The system of coding for type and year of manufacture is a little unusual in that letters are used for the year and type of engine, or to denote special features.

The engine no. is written in this form.

LT2/Z33105/SD

ie Eng type & special features/ year, eng #/ special featur

The engine type and special features are;

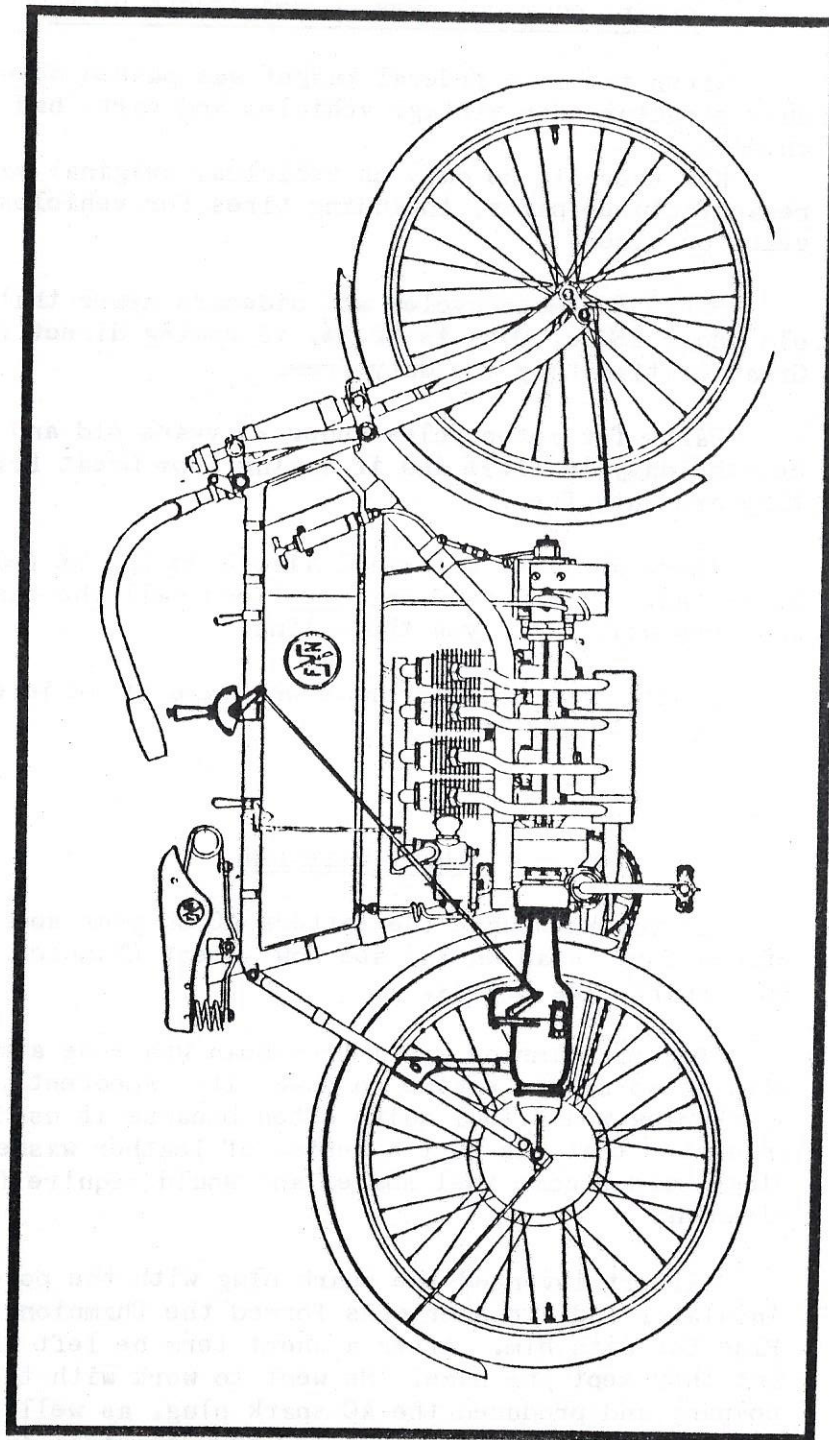
O-overhead valve, T-twin cylinder, R-racing, S-sports (short stroke), C-sports, W-water cooled, Z-dry sump lubrication, Y-twin port exhaust, V-175cc SV 60x62 mm, Z-175cc SV 55x73mm, N-200cc SV 55x83mm, B-250cc SV 64.5x76mm, A-300cc SV 70x78 mm, I-350cc SV 70x90mm, K-500cc SV 85.7x85mm, L-550cc SV 85.7x95mm, U-600cc SV 85.7x104mm, GT-680cc SV 50 degree V twin 70x88mm  
MT-750cc SV 50 degree V twin 70x97mm  
KT-980cc SV 50 degree V twin 85.7x85mm  
KTcy-980cc SV 59 degree V twin (8/30) 85.7x85mm  
LT-1100cc SV 60 degree V twin 85.7x 85 mm  
DT-1323cc,SV 60 degree V twin 90x104mm

Overhead valve;

HO- 175cc 53x78 mm, TO- 200cc 57x78 mm  
PO- 250cc 62.5x80mm, YTO- 500cc twin 60x88mm, .  
POR- 250cc racing, pre '34 62.5x80mm  
NOR- 250cc racing, post '50 65.5x74 mm  
BOR- 250 TT racing, '34 & '35 64.5x76mm  
SOC- 350cc sports 74x80, SOR- 350cc racing 74x80mm  
IOR- 350cc racing 70x90, KOC- 500cc sports 85.7x85mm  
KOR- 500cc racing 85.7x85mm, JOR- 500cc racing 80x99mm,  
PTOR- 500cc twin racing 62.5x80 mm  
KTOR- 980cc racing V twin (8/45) 85.7x85mm  
JTOR 998cc racing V twin (8/50) 80x99mm  
GTO- 680cc V twin 70x88mm, JTO- 980cc V twin (8/45) 85.7x85  
SOS- 350cc grass track 74x80mm, JOS 500cc 80x99mm,  
JTOS- 998cc V twin 80hp sprint racer,  
W/W- 1100cc Mark I racing (8/80) 80x99mm



FIRST two-speed gear for FN was designed by Sydney Horstmann of England. It was a complete two-speed transmission, which took place of FN shaft drive as shown. Later, FN supplied a similar one.



## VINCENT TECH TIPS

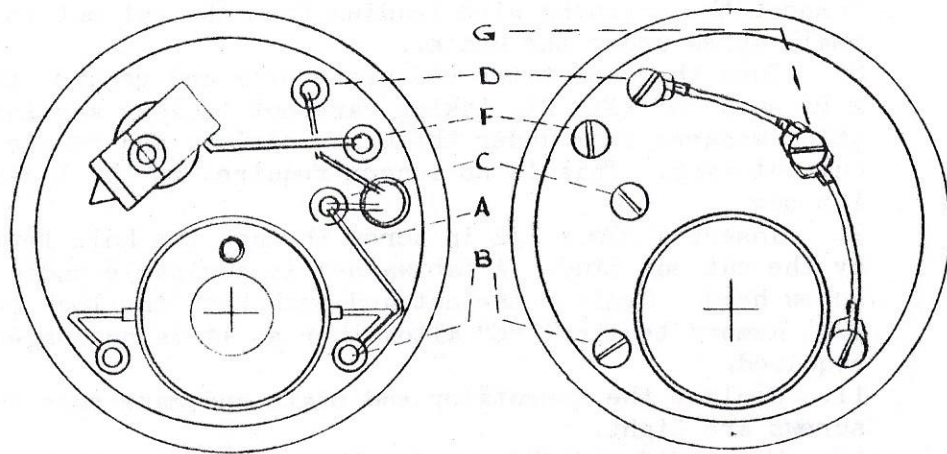
### Conversion of Miller Dynamo to Lucas AVC

1. Remove Millar dynamo and clean it externally
2. Remove end cover
3. Refer to fig. 24. There are four wires issuing from within the dynamo. One is connected to terminal "D", two to terminal "C" and the fourth (marked "A" on fig 24) is connected to terminal "B". Mark wire "A" in any convenient way, then disconnect all four wires. (They are in fact colour coded but to avoid possible errors we will ignore this)
4. Remove brushes
5. Remove the locating screw and the two through bolts from the drive end of the dynamo. The commutator end plate can now be pulled away.
6. The field coil consists of two windings; one incorporates a resistance and is not needed with the Lucas unit. The other is required. Wire "A" is one end of the field winding. Take a flashlight battery, a bulb, and then connect up to wire "A" and try the other three ends in turn until the bulbs light determines which wire is the other end of the main field coil. Mark this wire "E". Just to check that there is no mistake, try the circuit through the other two (unmarked) wires. The bulb should light but less brilliantly than before. Having ascertained this point, cut off these wires close up to the coil, leaving you with "A" and "E" only.
7. On the commutator end plate remove the wire going from the cut out to terminal "F" (fig 24) and also disconnect the earthing wire leading from the cut out to a small screw under the plate.
8. Turn the commutator end plate over and remove the 2 BA nuts "G" (Fig 25, taking care not to lose any insulating washers from under the brass strips, and remove the cut out assy. This is no longer required as the Lucas has its own.
9. Insert a 2BA x 1/2 in screw through the hole left by the cut out stud. A tab washer is advisable under the screw head. Replace the nut and push back the lock tabs.
10. Remove terminal "C" altogether as it is no longer required.
11. Replace the commutator end plate and make sure the screws are tight.
12. Wires "A" and "E" are fed through the Pasolin plate. Wire "A" is reconnected to terminal "B", wire "E" is connected to terminal "F".
13. Replace brushes, renewing if necessary



14. Make up an extension pillar from a piece of Brass rod tapped 4BA at one end and drilled to take a plug connector at the other end, and fit this extension to terminal "D".
15. Drill an extra hole in the commutator cover to allow the new pillar to pass through
16. Replace the cover, with insulation to protect the new extension pillar, and refit the Dynamo.
17. Fit the 60 watt lucas regulator (MCRZ or RB107) A convenient and unobstructive way of fitting the regulator is to make up a bracket to fit to the dynamo cradle by the screw which used to hold the Millar cartedge. Get the regulator the right way round, with the "back" to the left for ease of adjustment later. The petrol pipes may need bending about to make room for the regulator.
18. Wire terminal "F" on the regulator to "F" on the dynamo (the other original dynamo output terminal) and "D" on the regulator to "D" on the dynamo (the new extension you have fitted). "E" on the regulator goes to earth-the set screw on the oil tank. The wire which originally was plugged into the Millar dynamo output terminal is now connected to "A" on the regulator.

As the lucas regulator is not adjusted to the characteristics of the Millar dynamo it may require adjustment to avoid the risk of over loading the dynamo. At 30 to 35 mph with the 36 watt headlamp on and with a fully charged battery the ammeter should indicate zero.



THE COMMUTATOR END  
OF THE MILLER DYNAMO  
BEFORE MODIFICATION  
FIG. 24

THE BACK OF THE  
MILLER DYNAMO  
END PLATE  
FIG. 25

## CANADA CUSTOMS: DUTY ON MOTORCYCLE PARTS

After the last federal budget was passed down the duty structure for vintage vehicles and parts had been changed.

Now there is no duty on vehicles, original parts, remanufactured parts, including tires for vehicles 25 years or older.

Parts for motorcycles and sidecars newer than 25 years old under 250cc, Duty is 12.5%, if coming direct from Great Britain they are duty free.

Parts for motorcycles under 25 years old and over 250 cc, the duty is 11.9% and if coming from Great Britain they are duty free.

These articles are still liable to the 9% federal sales tax. If you have any questions call the custom boys and they will quote you the ruling.

Insure that you can prove what age of vehicle the parts are for and value.

## ALBERT CHAMPION

Do you know what the letters AC on your spark plugs stands for? Read on and see how Albert Champion started both spark plug brands.

Albert Champion was a frenchman who rode a motorcycle with a two stroke engine to power it. Apparently the spark plug would foul quite often because it used an insulator that was just a series of leather washers. This plug would become fuel soaked and would require frequent cleaning.

Albert invented the spark plug with the porcelain insulator and two Americans formed the Champion Spark Plug Co. with him. After a short term he left the company but they kept the name. He went to work with the Buick company and produced the AC spark plug, as well as inventing other things such as the mechanical fuel pump.



## MORE MOTORCYCLES ON DISPLAY

Recently Kathy and I were in Ottawa for the weekend and we were touring the museums in the area. There are quite a few good ones. We always find The Air Museum interesting and in the War Museum there is a Corgi, a paratroopers motorcycle amidall the other war related articles and vehicles. The highlight is The Museum of Science and Technology.

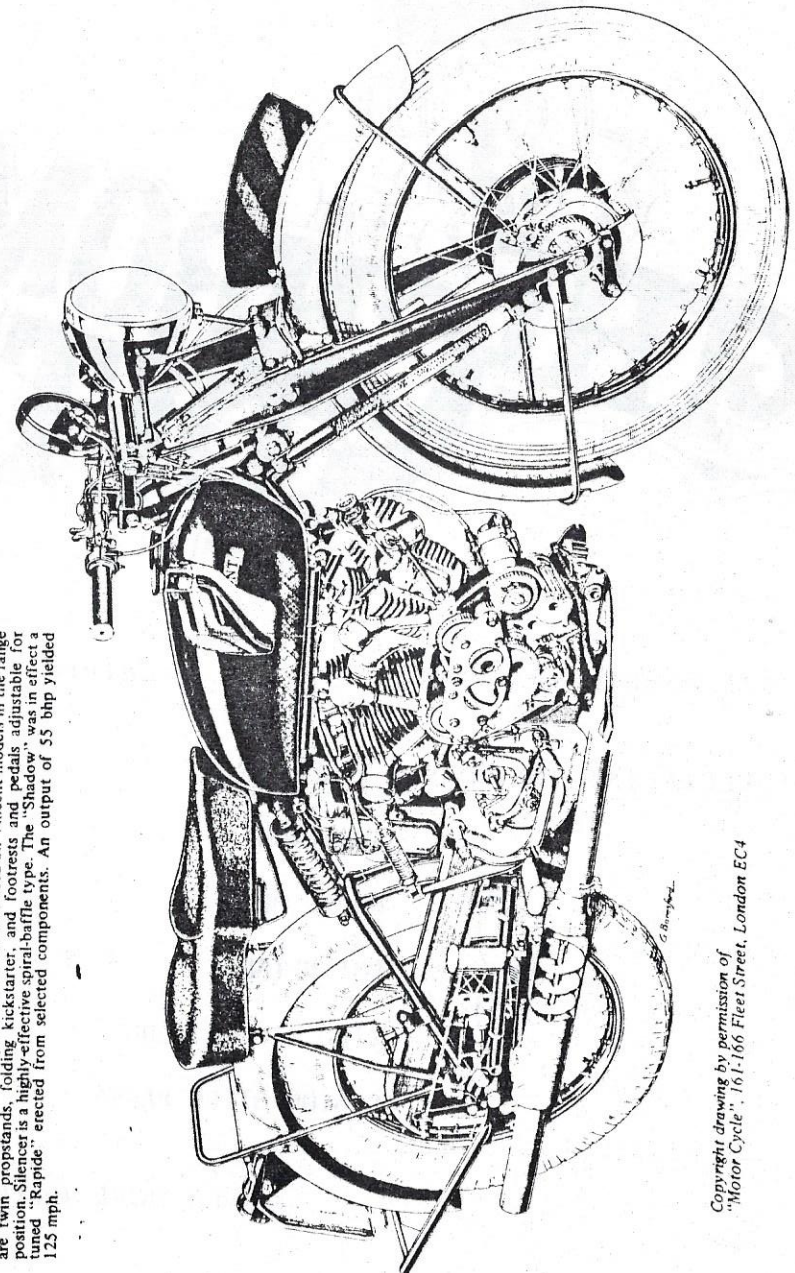
At The Museum of Science and Technology they have many displays set up from trains to an Apollo space capsule. They have a very nice vintage car and motorcycle display. There are approximately 25 on display, some are in original condition and others have been restored. In talking with the fellow that restores these bikes we learned that they make 90% of their needed parts on the site. A Ner-A-Car is being restored at the present with some Indian fours in the warehouse. They also have a 500cc Jawa and a 1911 Cleveland in storage. If you are in the area it is worth your while to go around and see their display. The motorcycles on display are as listed.

1928 Indian Scout, 1928 Harley Davidson single,  
1924 Henderson, 1912 Harley Davidson belt drive,  
1950 Whizzer, 1953 Velocette Le200  
1929 Henderson, 1960 BMW R60, 1949 Ariel Sq 4 Mk1  
1942 Harley Davidson, 1962 NSU Super Max,  
1953 Triumph, 1971 Harley Davidson with sidecar,  
Bultaco Trials bike, Suzuki GT250, Ariel 3,  
1974 Hercules wankel, 1975 Suzuki rotary, 1972 Suzuki  
water cooled,

In further discussion with the machanic, he told us they would like an older (1920s) Harley with sidecar or an Indian of the same configuration. If you could help them out drop the museum a line.

Bob Hatton

This "Motor Cycle" sectioned line-drawing shows the Series C "Black Shadow" introduced during 1949 and featuring hydraulic rear damping and the new "Girdraulic". These forks, the blades of which were forged from high-tensile light-alloy, provided the lateral stiffness necessary for sidecar work, with constant wheelbase plus a soft action inhere to missing from conventional girder forks. The trail and spring poundage were quickly adjustable between solo and sidecar needs by rotation of an eccentric in the bottom rear pivot. Other features used on Vincent models in the range are twin propstands, folding kickstarter, and footrests and pedals adjustable for position. Silencer is a highly-effective spiral-baffle type. The "Shadow" was in effect a tuned "Rapid" erected from selected components. An output of 55 bhp yielded 125 mph.



Copyright drawing by permission of  
"Motor Cycle", 161-166 Fleet Street, London EC4





424 KENSINGTON STREET — WINNIPEG R3J 1J7

### SPECIALIST IN CHROME PLATING

- ON {
- \* — ALUMINUM
  - \* — WHITE METAL
  - \* — POT METAL
  - \* — ZINC DIE CASTING
  - \* — CUSTOM STEEL PARTS

— All Work Guaranteed

\*CHROME \*GOLD \*COPPER \*NICKEL \*BRASS

Phone  
(204) 837-7440

## TOURING ACCESSORIES

CLASSIC STYLING!  
VINTAGE QUALITY!  
ANTIQUE PRICES!

Tires - Batteries - Chains

VETTER Accessories  
BELL Helmets  
E-Z-BERG Touring Saddles

FAIRINGS  
LUGGAGE  
RACKS



**RIDER'S JUNCTION**  
MOTORCYCLE TOURING ACCESSORIES

445 PROVENCHER BLVD. WPG. MAN. PH. (204) 233-6980

## CUSTOM PLATERS

(DIVISION of HOUSE OF SILVER)  
743 WALL STREET

CHROME, NICKEL, COPPER,  
GOLD & SILVER PLATING.

FINE FINISHING OF ANTIQUE CAR  
PARTS, SHOW CARS, MOTORCYCLES  
STREET & SHOW

SPECIALISING IN WHITE  
METAL DIE CASTINGS

PHONE (204) 774-8832

## Paul Germain Performance

MOTORCYCLE SPECIALIST  
ALUMINUM & MAGNESIUM WELDING  
CRANKSHAFT SERVICE  
MACHINE SHOP SERVICE  
LIGHT MANUFACTURING  
& FRAMEWORK  
ACCESSORIES

594 Erin @ Portage  
WINNIPEG, MAN.  
R2M 1R2 PH. 256-5762

## KEN'S CUSTOM PAINT LTD.

SPECIALISING

in QUALITY

MOTORCYCLE

- PAINTING and BODYWORK -  
- AUTO PAC REPAIRS -

597 WASHINGTON AVENUE  
WINNIPEG, MANITOBA  
R2K 1M1  
PHONE (204) 668-3560