



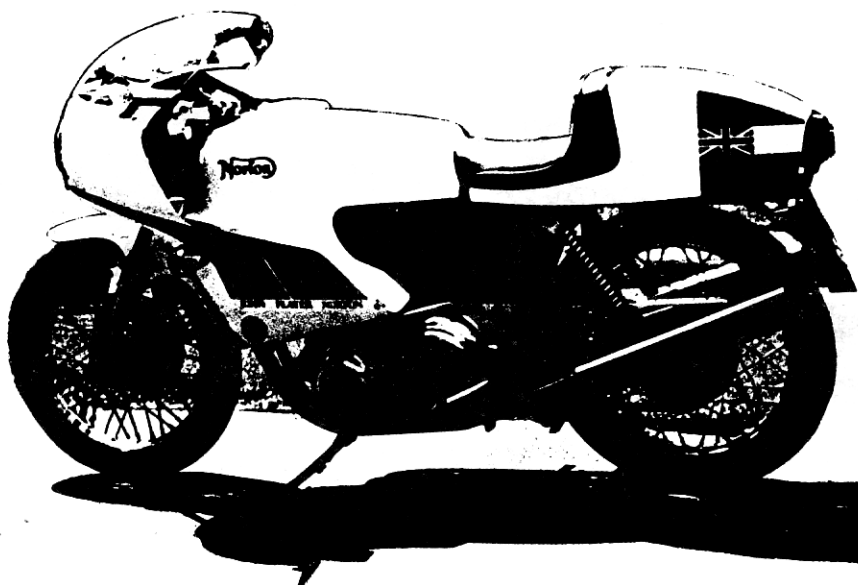
Norton Notice



The Newsletter of the Norton Owners Club

No. 130

Feb, 1989



Me And My Shadow

Steve Coburn's John Player Norton



The Newsletter of the Norton Owners Club



Norton Notice

is published by the Northern California Branch of the Norton Owners Club. Its purpose is to inform and entertain members regarding all aspects of the Norton motorcycle, including history, technical advice, and preservation of the marque.

NORTON NOTICE is a reflection of its readership, who are encouraged to submit any article, technical tip, photograph (original or otherwise) as long as it is in good taste, so that other Norton enthusiasts may enjoy it. For Branch members who cannot attend club meetings or club rides, the NORTON NOTICE affords an opportunity to share experiences and information with the membership of the Branch, and to bring the Branch members closer together.

The deadline for items to be submitted for publication is the 15th of each month.

Membership in the Northern California Branch of the Norton Owners Club is available for **£10.50 (pounds sterling) + \$18.00**

Membership dues are payable to the Branch Secretary/Treasurer.

Renewal dues are payable at the end of the individual's membership year, that month being designated by the last number of the individual's membership number as located on the mailing label of the NORTON NOTICE or the membership card. For example, 745/2 denotes member 745 with dues expiring on the 1st of February.

All changes of address should go to the Branch Secretary/Treasurer, not the NOTICE Editor.

Subscription to the NORTON NOTICE only is available for \$18.00 per year. This does not include membership in the Northern California Branch of the Norton Owners Club, nor does it afford any of the rights or privileges of membership in the NOC.

Membership in the Northern California Branch of the Norton Owners Club entitles a member to monthly issues of the NORTON NOTICE and bi-monthly issues of ROADHOLDER magazine, which is sent directly from England, keeping members informed of Norton owners' activities worldwide. Membership provides voting privileges at all NOC and Branch meetings, and allows one to purchase Norton spares directly from England, at significant savings, through the NOC Spares Program.

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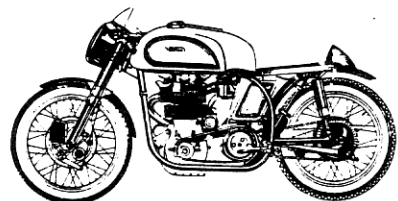
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NORTON OWNERS CLUB

Important!

(Please take note of the following fine print.)

The object of the Northern California Branch of the Norton Owners Club is to promote, encourage and develop all motorcycling activities. The Club's members are owners of Norton motorcycles, and they often submit for publication in the Norton Notice technical tips pertaining to motorcycles of the Norton marque. Technical tips so published have been reviewed for technical content and are believed to be both acceptable and workable, but no guarantee is made or implied that they will work correctly, nor is any liability assumed by either the Norton Owners Club or the authors for any problems resulting from use of these technical tips. The Club also assumes no responsibility for the acts or omissions of its members in connection with Club activities. Norton Notice articles or other material express the authors' views only and not necessarily the official policy of the Norton Owners Club or its Northern California Branch. The editor reserves the right to accept, reject or alter all editorial and advertising material submitted for publication. Advertising published does not imply endorsement of products, goods or services. Now you know.



1963 catalog drawing of Manx 30M and 40M



UPCOMING EVENTS

Club Meeting Schedule

The club meets on the 2nd Thursday of each month, at 7:30 PM. The location rotates between Peninsula, East Bay, City, and South Bay locations

Feb. 9 San Francisco
Once more we are meeting at the Harbor Light Pub, 780 Embarcadero at Berry St. This is south of the Bay Bridge, across from The Sailing Ship Restaurant. They close at 10 so the meeting will start promptly at 7:30.

March 9 Peninsula
Prince of Wales Pub
106 E. 25th Avenue
San Mateo, Ca
Great selection of beers and dartboards in our private meeting room.

April 13 South Bay
Harry's Hoffbrau
El Camino REal at Castro St
Mountain View, Ca

CLUB RIDES:

Coordinated by Margie Siegal

Feb 12 Port Costa Run
Susan Wood leads a short ramble through the back roads of the East Bay, to an eccentric eatery near the Carquinez Bridge. The ride departs from TT Motors on Adeline in Berkeley at 10 AM. Call Susan at (415) 849-2518 for more info.

March 15 The Late Great Mt. Hamilton (un) Freeze Run, re-scheduled from Jan. due to nasty road conditions, this time we'll have wildflowers instead of frostbite. Meet at Howard Johnson's, N. First St. in San Jose 9:30 AM. The ride is long, so we'll leave promptly at 10. Call Louis at (415) 857-1835 for details.

March 26 Margies Birthday Ride
Starring the Oakville Grade and some cake. More details next month

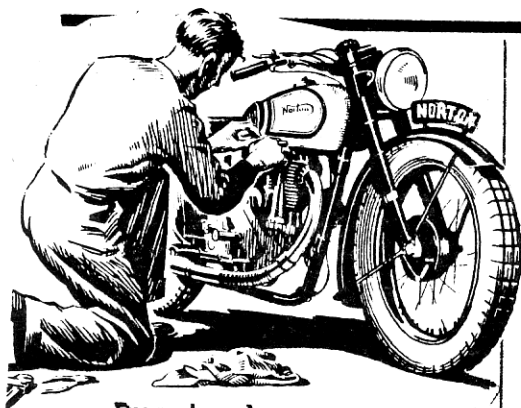
April 2
Clubman's All-British Motorcycle Show and Swap Meet
Santa Clara County Fairgrounds.

April 30
Tulare Vintage Cycle Show and Swap Meet



Alan's Wrench

Tech tips and gossip from The Editor



Due to dangerous road conditions, last months ride was rerouted to Tres Pinos. As a result the schedule for the next few months has been revised, with the Mt. Hamilton run set for March. The Tres Pinos ride was well-attended with 8 Nortons and 3 other bikes present. We had generally dry roads and just enough cold to turn faces red rather than white. One patch of ice and/or sand on Summit Road set everyone a bit sideways but nobody went down.

The pace was somewhat subdued for the next 10 miles or so. But when we reached route 129 in Watsonville, I admit to developing a heavy right hand. For the first time in my experience, there was not a single car in sight, all the way across 101. This stretch of about 10 miles of sweeping s-curves and smooth pavement is truly a Norton Road, provided there is no traffic. It left me with the feeling, "this is what life is meant to be", as the stress of

everyday existence was blown away in the wind.

The meeting at Margie's was also well-attended, with about 18 members and guests present. The April All-British show was the main topic discussed. We need about 6-8 volunteers to help represent the club, figuring 1-hour shifts at the booth and 2 judges for the Concours. Booth volunteers will get admission passes to the show; others pay \$5 at the door. Tom Keeble was volunteered for the judging but wasn't there to confirm his availability. The members present also voted to contribute \$50 to the racing efforts of Eric Swortsfigure, who will need several thousands for a full racing season. Eric has moved so his directory listing (under VIPs), was incorrect. Please contact him at the following address if you would like to help with this club-sponsored racing effort: Eric Swortsfigure

10880 West Estates Drive
Cupertino, CA 95014
408 446 2738

I also neglected to list Phil Radford's Fair Spares America in the Shops and VIP section. This is one of the best sources of Norton Parts in the area and Phil is also a great guy, always helpful and very well-informed. Fair Spares can be contacted at:

P.O. Box 8224
San Jose, CA 95155
408 292-6563

Sorry about that Phil...



There are various cycling accessories that can ease or even eliminate the discomfort of winter riding. These include a fairing, good leathers, gloves and boots, thermal underwear (essential), and various kinds of heated vests and even heated handgrips (for those with sideways cylinders). I find that what gets cold first is my toes, so last month I bought a pair of electrically heated hunters socks. They run for 4-6 hours on a pair of 'D' cells, which can be the rechargeable kind if you ride a lot in the cold. I'm giving these a personal recommendation since my feet didn't get cold at all on the last ride. They're also great for working on the bike in a cold shop on winter evenings. I got mine for \$20 at Big Five Sporting Goods. Or you can order direct from Timely Products, 860 Honeyspot Rd, Stratford, CT 06497. The model is LS3.

At the meeting last month, someone brought a new edition of the USNOA Tech Digest, which looks like an essential part of the Norton Owners Library. It's 48 pages of good technical data and practical tips culled from Norton News. Order from Dick Herrick, 6704 Rubinaway, Lansing MI 48917 (517 323-0151) \$10.

Stock shares in the Norton Group can now be purchased in this country. Contact Phillip Caso for current listing price at 1-800-221-6824. And speaking of Norton Motors, John Covell has written a fine letter to Phil LeRoux, asking once again for some factory presence at the All-

British show. I hope we get more response than we did last year. The factory racing effort ended the year on a positive note, once the frame, suspension and carburation problems were sorted out. Here's a comment from Jim Greenberg's Pipeline column in the Feb. Cycle magazine: "The opposition consensus runs... 'No one wants to discourage dear old Norton from having a bash at racing the rotary. But **winning** with it - that just can't be fair."

This month's tech tip is copied Len Allens article in Norton Notice #14 of February 1979:

"Proper maintenance of the swing arm on the Norton Commando is an easy task but may be the most neglected. On the 750, the proper lube to use is SAE 140 gear oil which is not too easy to find, but very little will last a long time. It is impossible to get 140 wt oil through the lube fitting, so I just unscrew it and put the oil in through the hole vacated, and then reinstall the fitting. I have found a nose-spray bottle to be the best oil dispenser, and if you look carefully at the top, you will find a joint at the end plug which can be easily removed with a knife. The tube in the plug should then be pulled out and the hole in the end drilled out to about 1/8 in. Fill the bottle with 140 weight gear oil and put the plug back in. You can now squirt in about 1/2 oz. of oil with no difficulty."

That's all for this month. Pray for rain - we need it.



Bleeding Brakes

by Louis Mendelowitz

Often people have brake problems which could be avoided by simple maintenance. Brake fluid is a hydroscopic fluid, which means it actively absorbs water out of the air. The rubber bellows in the reservoir of the Norton master cylinder is designed to prevent this, but some water vapor always gets by. If allowed to accumulate, this water will eventually rust the pistons and other steel parts in the brake system. In addition, since the water in liquid form is heavier than the brake fluid, it will tend to settle in the caliper, where the heat from braking is most intense. Any water here will vaporize well before the brake fluid overheats, causing spongy lever response and brake fade under heavy use. To minimize damage and maintain performance, your brake fluid should be replaced at least annually.

I use a suction pump, the type which can be found at most auto parts stores will do the job just fine. First I insert a length of rubber hose into the suction line from the pump. The tubing intended for small vacuum lines is a good fit on the Norton and will go over the bleeder and into the suction line.

Then I remove the top from the master cylinder and use some paper towels to sop up the fluid from

the bowl. After topping up with fresh fluid from a new container I open the bleeder slightly and using the pump suck fluid through the system until the master cylinder is almost empty. Do remember to stop before the reservoir is empty, any air introduced will have to be bled from the system before the brakes can be safely used.

I usually do three complete master cylinder flushes before stopping but the main thing is to continue until the fluid stops being dirty and is perfectly clear. When the pump is full shut the bleed valve and drain off the dirty fluid before continuing. And while the valve is closed you might want to gently work the brake lever. Remember that if the lever is squeezed hard or released quickly with the cylinder top removed there will be a spurt of brake fluid from the reservoir and that brake fluid, at least DOT3 or 4 will damage your paint.

I generally bleed the system at this time just to be sure that there is no air in the lines and to do this I take the length of hose that I use to connect to the pump and leaving one end on the bleeder I wrap the hose over something so that the line leaves the caliper going up and continues up for at least a few inches before



turning and descending into a jar of fresh fluid.

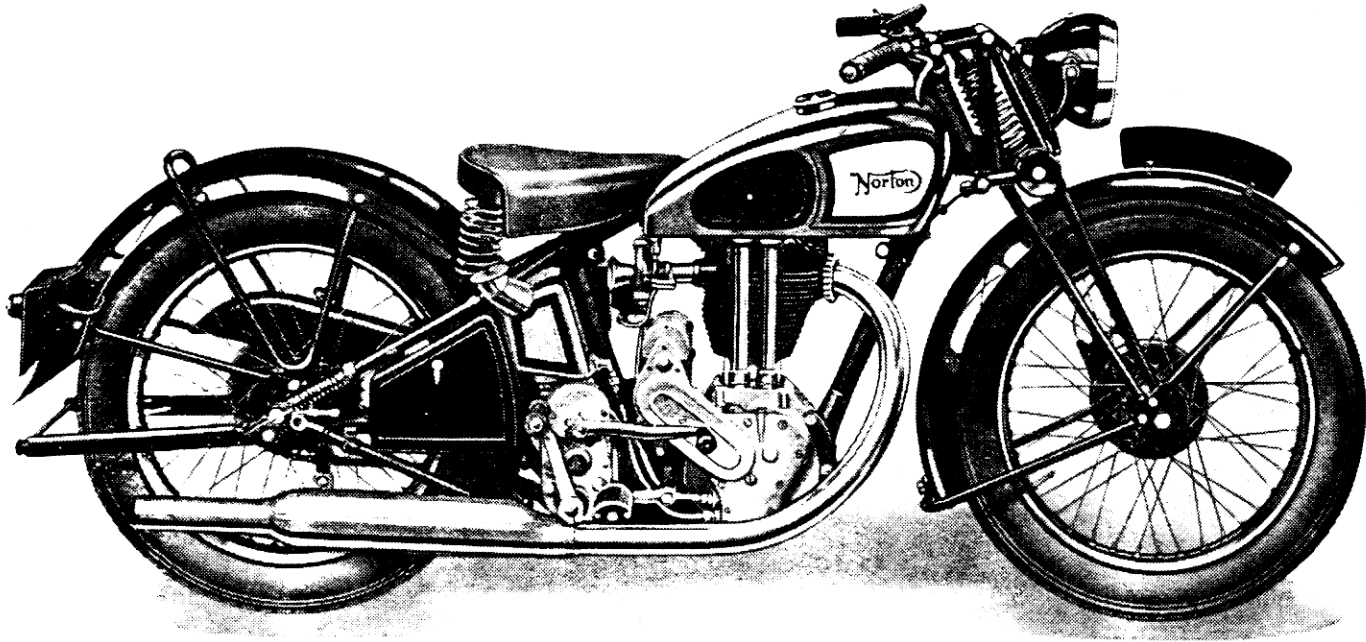
Now squeeze the brake slowly several times and then hold it compressed while you open the bleeder slightly and then pull the lever to the bar. Be sure to close the bleeder before you release the brake lever. If you do this several times any air in the line will likely be forced out. Sometimes it helps to tap gently on the caliper, the lines and the master cylinder. If you are using a clear hose to bleed then you should be able to see that there are no air bubbles in the fluid and the lever should be firm and not 'pump up' when you squeeze and release it several times.

Now for a word about linings. Most of us are touring riders and don't keep our brakes hot enough to benefit from metallic linings. These tend to require a lot of pressure until they are hot and cool down quickly, far too quickly for normal riding. They also squeal. On the other hand the non metallic linings give much greater braking power at less pressure and are much less likely to be noisy. They also will fade under hard use and are good for town use and light touring. Ferodo pads are no longer available although these would be the first choice for the racer. Lockheed pads are only available in metallic and are very likely the most reliable quality but are more of a competition pad than most of us need.

They can, however work quite well if you have the skin of chrome removed from the disk, and local shops can have this job done. Then of course the disk will rust and deposit the rust on to your rim as the brake pads scrape it off, but such is life. Another good pad is made by SBS (now EBC I gather), The softest pads are the ones made in Taiwan. Each of these are good choices for different applications, so talk to your parts supplier before choosing.

*You can drain the fluid pretty easily without the use of the vacuum pump mentioned, but it takes a while. Simply attach a piece of hose, preferably clear, to the caliper breather and open the valve about 1/2 turn. The fluid will drain out by gravity in about 5-10 minutes. You can then add some fresh fluid to flush the system, Wait another 10 minutes, top up the reservoir, bleed the master cylinder, and close everything up, all in under 1/2 hour. So there's no excuse to avoid this essential and simple maintenance chore. I usually do it as part of my Spring and Fall oil change session. One last point, try to stick with the same brand, or at least same grade of brake fluid. **Never** mix DOT 5 fluid with the other types as it can fail in service, or so I've heard.*

MODEL NO. 50 348 HP. OHV.



Code Word : FROME

ENGINE.—Bore 71 mm. Stroke 88 mm. 348 c.c. Push rod operated overhead valve. Totally enclosed rocker gear.

LUBRICATION.—Full dry sump—gear pump pressure feed to bearings and piston. Valve guide lubrication.

SILENCER.—Of scientific design, efficiently silencing the exhaust gases without interfering with engine performance.

CARBURETTER.—AMAL needle jet, twist grip control.

FRAME.—Of immense strength, built throughout in jigs, all joints are brazed. High tensile steel tube. Graduated section lugs are used.

GEARBOX.—Four-speed. Ratios: 5·17; 6·25; 9·15; 15·4. Positive stop change-speed lever (Patent No. 424,154). Gate control available if specified when ordering. Shock absorber incorporated in clutch.

OIL BATH CHAINCASE.—NORTON. Patent No. 406,599.

TRANSMISSION.—Hans Renold chains.

BRAKES.—7" Internal expanding, 1½" wide, smooth and powerful in operation, providing a feeling of security. Quickly adjustable.

WHEELS.—Quickly detachable and interchangeable, fitted with journal bearings.

TYRES.—26×3·25 Dunlop Heavy Cord.

FORKS.—Patent No. 387,550, fitted with rebound springs and hand adjustable friction disc shock absorber. Fork link adjustment provided.

HANDLEBARS.—Patent No. 419,336, rubber mounted, fitted with steering damper.

SADDLE.—Flexible top, mounted so as to give an exceptionally comfortable riding position.

FOOTRESTS.—Adjustable. Lugs are provided for fitting of pillion footrests.

STANDS.—Front and rear with additional prop stand, foot operated.

PETROL TANK.—2½ gallons capacity. Chromium plated.

OIL TANK.—Chromium plated and lined.

STANDARD FINISH.—All bright parts chromium plated, all enamelled parts finished in three coats best quality black enamel.

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TOOL BOX.—With complete tool equipment.

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Art Sirota's Shoptalk A Brief History of the OHC Norton

In the beginning, Norton began manufacturing side valve single-cylinder motorcycles. James Norton himself took part in designing these early engines, around 1907.

In 1922 Norton introduced a new overhead valve engine which was to become known as the ES2. The factory had some initial success racing the ohv machines but by 1927 it had become apparent that a new engine based on overhead cam technology would be needed to keep Norton in the winner's circle. The pushrod singles would continue to be produced for many years as street machines, trials bikes and military cycles, but from 1927 through the mid-60's, Norton relied on the ohc engine to win races.

Walter Moore was the Norton engineer who came up with the first Norton ohc design to be produced. It was called the CS1, which stood for "camshaft1" and it made its racing debut in 1927. Moore decided to copy the existing design of motorcycle called the Chater Lea. This rival firm had in turn copied from the very fast ohv Blackburne engine. The first CS1 Norton looked almost exactly like the Chater Lea. At this time, Norton was

using a new type of cradle frame, considered very advanced for its day but the CS1 did not meet with a lot of racing success.

Velocette also had an ohc racing motorcycle, and they were doing very well with it. They had done some research using a stroboscope and had discovered the principle of valve overlap. Their success with this design put an end to the ohv engine in competitive racing.

Walter Moore soon left Norton to work for NSU in Germany where he developed an engine very much like the CS1. He claimed that the rights to the design belonged to him since he did his design work at home. So Norton Motors decided that a new ohc design was needed to stay competitive on the race track, and they promoted Arthur Carroll to the position of chief design engineer. Carroll started from scratch, keeping very little of the Moore concept. He decided instead to pattern his engine after the Velocette, but gave his creation many original touches. The fact that the road-going version of his engine didn't change much for the next 26 years indicates that he got it right from the start.

(continued on page 11)





So the newly designed Carroll engine made its debut in 1930, and Norton began a dominance of international Grand Prix Racing. Production of the Moore design ceased, but Norton continued to call the machine by the same name: CS1.

By 1932 the new ohc racing Norton became known as the International, while the street version was simply known as the CS1. through the thirties Norton continued to supply side valve and overhead valve engines for such mundane purposes as daily transport, while the ohc International was considered to be a machine for the connoisseur. The reasons for this were the close tolerances, special parts, and difficulty of assembly which made the machine expensive to manufacture. It was however, the most efficient performer of Norton's engines.

In 1935 the fortunes of Norton took a turn for the worse when Arthur Carroll was killed in a motorcycle accident. 1937 saw the factory begin to experiment with the double overhead cam engine design. By this time Joe Craig was in charge of developing more power for the factory racers. During WW2, production was limited to the simple and rugged side valve motorcycles for the military.

The next time an ohc Norton was sold over the counter was in 1947.

The customer was Britain's highest-paid postwar entertainer, George Formby. By now the front forks were the telescopic type and the frame carried the plunger rear suspension. The racing ohc motorcycles became known as Manx Nortons and the street versions were called the Internationals. The advent of the featherbed frame gave the racing singles a new lease on life and the early fifties were filled with Norton successes on the racetracks of the world. The Inter, however, was available to the public on special order only. The factory did not push sales of this bike because of the small profit margin they were able to make compared to ohv models. Even in 1938, a peak year of racing success, the Model 30 Inter accounted for only 3% of Norton's total output.

By 1953 the International models all got the featherbed frame and by 1956 orders for this classic but dated machine had fallen off and Norton dropped it from the range. The racing Manx finally went out of production in 1963. So when you see an ohc Norton, you are seeing a very special machine, the epitome of handbuilt craftsmanship.

Art Sirota is a regular contributor to the Norton Notice. He is currently restoring a post-war International.



Confessions of a Norton Buyer

by Jerry Kaidor

About six months ago, I was bombing up 880 in my '55 Triumph (car) and I passed a guy on a Commando. His bike was soooo beautiful, it had those classic British Bike lines: functional and simple. So I drooled at the bike and he oogled the car for a few miles, and we both drove on.... but the demon seed was planted. I tried to rationalize it "well, it would be a good investment, better get one this year or you'll never get one at all..."

So I started combing the classifieds for a basket-case Triumph or BSA. My wife put her foot down. "You still have to paint the MGA, you have no time for another project..." True enough. I felt about passing up the basket Triumph and my wife must have felt bad for squashing the idea, because a few days later she showed me a photo of a Norton Command. "How would you like this bike for an anniversary present?" (drool). "It's in Sacramento, and stop drooling on the picture."

So we drove to Sacramento. My first impression: Can non-weightlifters ride these things? ("You too can have a grip of iron. Just send for our patented Norton grip exerciser! Operators are standing by.") My second impression: This thing is real fast! It sounds good, it looks great. I want it! So I paid the man his \$\$ and rode off into the sunset.

The bike died three blocks away. After working up a good sweat trying to restart it, I finally turned the gas on and burred on down the road, muttering to myself "UP to go SLOW, UP to go SLOW".

The next morning I surveyed my purchase in the cold light of day, and found some nasty surprises. The tank and seat hid the twisted and taped corpse of the once-proud Jos Lucas wiring harness. One points screw was stripped. A footrest stud was stripped. I am still surprised that the sidestand didn't fall off on the way home. The rear end of the exhaust system was SOLIDLY BOLTED TO THE FRAME.

A day of soldering and heat-shrinking mended the wiring harness. A pleasant evening with torch and grinder fixed the sidestand. The footrest stud and timing cover were helicoiled. And the required rubber mounts were found for the exhaust system. But what will tomorrow bring? I do admit that the Norton is an absolute joy to ride, powerful yet supple and drawing envious glances from passers-by. And my grip has vastly improved, at least in the left hand. Anybody want to arm-wrestle? The other day I took my Jap bike out for a ride and was amazed at the contrast. It felt like riding an electric-powered mattress. Anyone out there want a GSI100?



October Ride Report

by Eric Rhodes

On Sunday, Oct. 30, the scheduled club ride got away from TT Motors a bit late. Louis Mendelowitz, Leo Christianson and yours truly were the only cyclists to appear at the start. Three brave, determined souls, untrammelled by the so-called "loyal enthusiasts" who were, no doubt, lying dead to the world after undignified indulgences of the previous night, or cringing in fear of the automotive hordes, or whimpering about technical shortcomings...but I digress.

We were further delayed just prior to the Richmond bridge by my rear hydraulic disk seizing up, as it has on many inopportune occasions... After a brief series of horrible imprecations and bleedings of the offending mechanism, we continued to the alternate meeting point at Lucas Valley Road, only to miss Don Danmeier and a friend by a few minutes. Well, those are the brakes.

We rode out Lucas Valley Road and past Nicasio Reservoir, which was diminished to a few large puddles. In passing the Red & Black

Cheese factory, we spotted some European bikes, turned around, and discovered a small group which included 2 Laverdas, a Paso, and a "modern classic" Hardly Dangerous. Leo performed some carb adjustments on his Norton while Louis strutted up and down beside his Bavarian vibrator, muttering something about "tomorrow, the world..."

We headed into Novato for fuel and lunch, then decided to call it an early day. The had been cool in the morning but warmed up considerably by noon. Leo and I rode back to the East Bay in good time. Louis stayed to visit a friend nearby. An impromptu drag-race in Richmond yielded Triumph-ant results, at least off the line.

I'd like to try this ride again in the future; several maps are left over and the back roads of Marin provide a great setting. For those who failed to show, I'll accept written apologies as long as they're accompanied by appropriate remittance.

NORTHERN CALIFORNIA BRANCH TOOL LOAN-OUT PROGRAM

Get in touch with Harry Bunting if you need one or more of the following tools for working on your Commando. A refundable deposit equal to the replacement cost of the tool is required at the time you pick it up.

TOOL	DEPOSIT
exhaust lock ring tool.....	\$10
timing cover oil seal guide.....	5
clutch spring compressor.....	12
clutch locking tool.....	18
valve spring compressor.....	22
rocker spindle puller.....	25
crankshaft sprocket puller.....	12
timing pinion puller.....	20
gearbox layshaft bearing extractor..	15

Harry Bunting
1165 Crandano Ct
Sunnyvale, Ca 94087
(408) 736-6492



The Newsletter of the Norton Owners Club

CLASSIFIEDS



The following list of parts is for sale or trade. Prices do not include shipping but most items can be shipped within 2 days for \$5-10. All parts are in working condition:

Primary case in & out (1970)	\$100
Transmission (1970)	\$100
Roadster exhaust	\$80
Tach & speedo (both)	\$75
Speedo drive	\$20
Carbs 930 (pair)	\$30
Alternator Rotor & stator (ea)	\$30
Fork brace	\$15
Swing arm & trans cradle, g.c.	\$40
MKIII headlight w/harness, has some dents	\$25
Fenders (ea)	\$25
Rear wheel with hub, needs new chrome	\$30
750 oil tank w battery tray	\$25
Front fork complete, drum brk	\$80
Foot peg & brake pedal, fair	\$15
Clutch basket, good	\$20
above with chain	\$30
Early style light/horn switch	\$20

1974 850 Interstate, only 3000 mi on engine, needs sidecovers, front tire & exhaust, garaged 10 yrs. \$900

Bill Bernard, 122 Wessels Way, Templeton, CA 93465 or call 805) 434-2797 after 5 pm

/12

Wanted: Commando frame/rolling chassis or basket case with engine number lower than 134600 (1968-69). Must have pink slip and good title. Also wanted, 920cc engine (dunstall?) and Commando advertising brochures. John Paliwoda, P.O. Box 4303, N. Hollywood, CA 91607. 818 708-3345 eves /1

Wanted: cheap bike, running or not Call Louis 541-5088 /1

For Sale: Offer or Trade:

- MK3 Bottom End
- MK3 Gearbox Covers
- MK3 Primary Case and internals
- MK2 & MK3 Footrest, brakepedal
- MK2 & MK3 Gearbox Cradles
- Hepolite 850 +.020 Pistons, new

Wanted:

- Disk brake fork sliders
- Speedo drive, any condition
- Straight Con.Rod #23258-R10R
- 850 PreMK3 Crank & Cases
- Cerriani Roadrace Fork Bushes complete 72-74 Ducati 750s

Contact Chris Nichols (415)965-4611

/9

Does your MkIII Electric Starter work? Mine does, every time, and yours can too! Call me for all repairs, rebuilds, and modifications.

Burton Kranzel (415) 261-8252 /8

For Sale: 1974 850 Roadster, dual Mikunis 2-1 exhaust. Needs master cylinder. Not run for 2 years. \$600

1982 BMW R65 21k miles. Crash-damage but fixable. New tires \$1100 Call Tom Pettit 415 367-6599 /1



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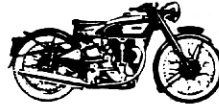


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1 yr	\$60	\$120	\$240

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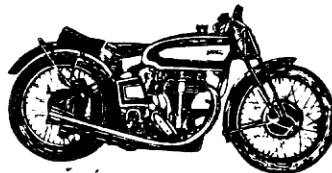
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Norton **MOTO GUZZI** **DUCATI**
MUNROE MOTORS, INC.

MOTORCYCLES
SALES - SERVICE - PARTS

SINCE 1958

Munroe has three mechanics that are
familiar with Nortons and have been for
a number of years. We can replace
exhaust ports with the head on the bike
and don't know of anyone else who can.
The job looks like original factory!
Call for a quote on shop prices. We
also have a good Norton parts supply.



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