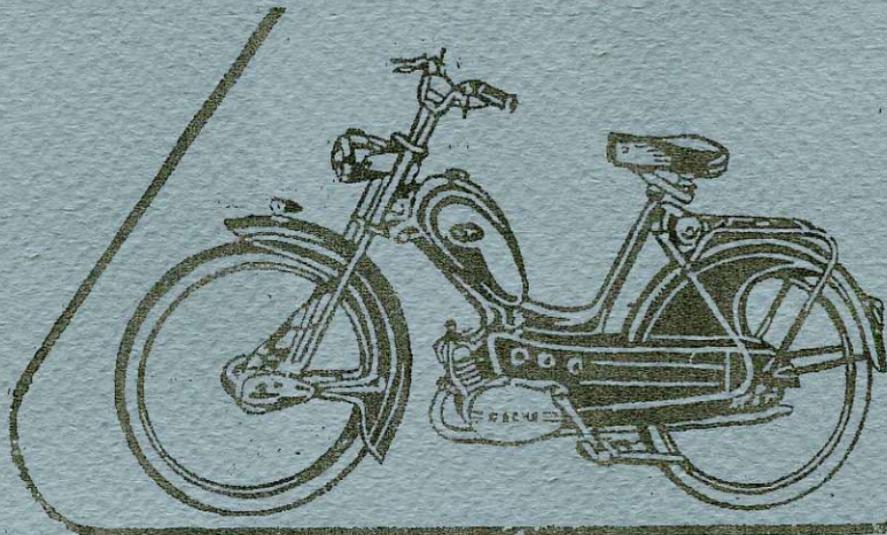


**Bianchi**  
*de Luxe*

**2 SPEED  
MO-PED**

**MAINTENANCE & RUNNING INSTRUCTIONS**



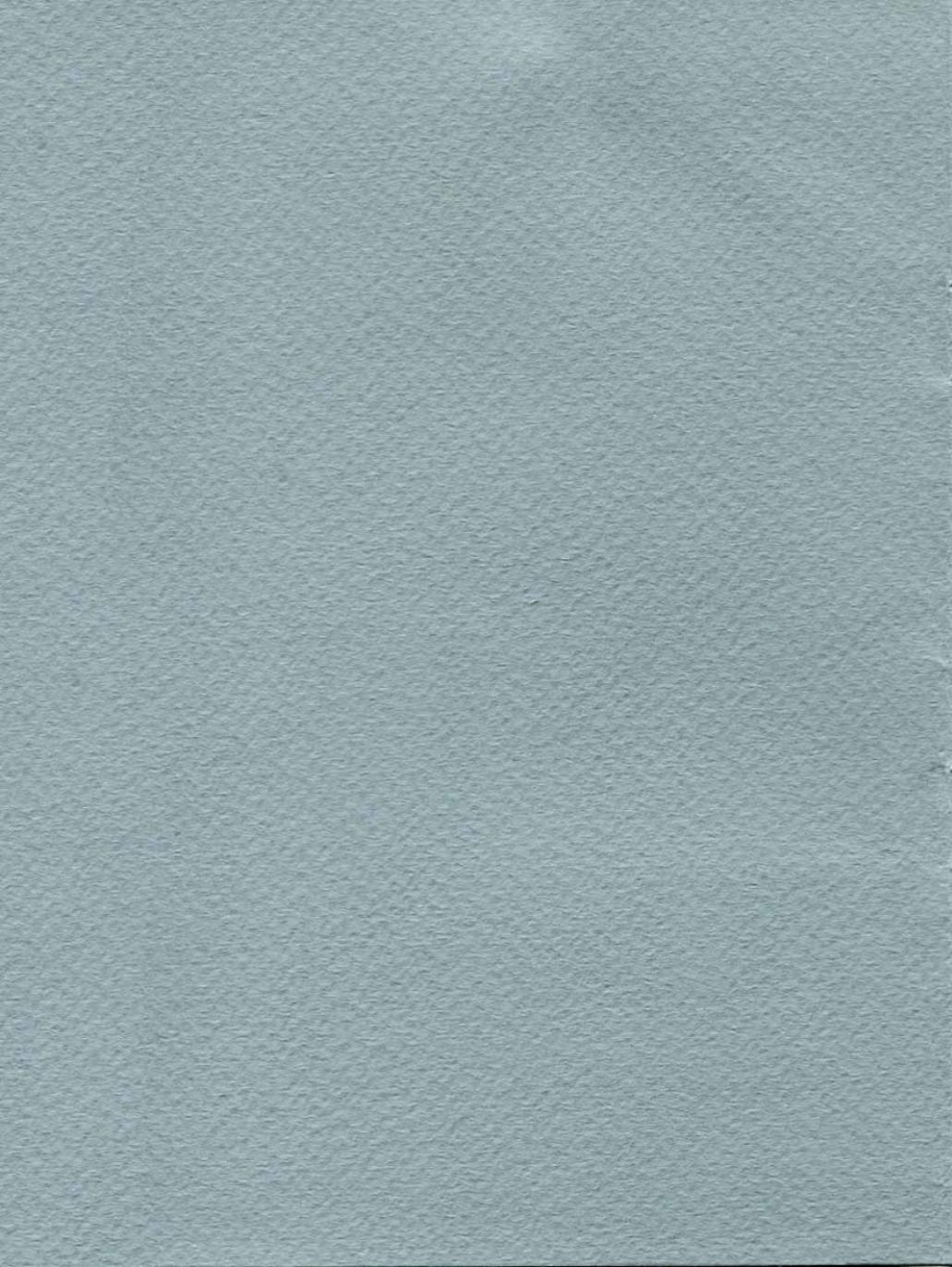
*The Sole Concessionaires in U.K.*

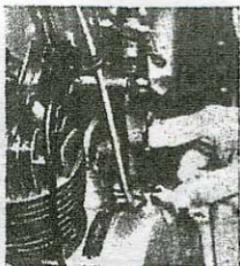
**STUART & PAYNE**

LTD.

**4 BROAD STREET PLACE**

**LONDON • E • C • 2**

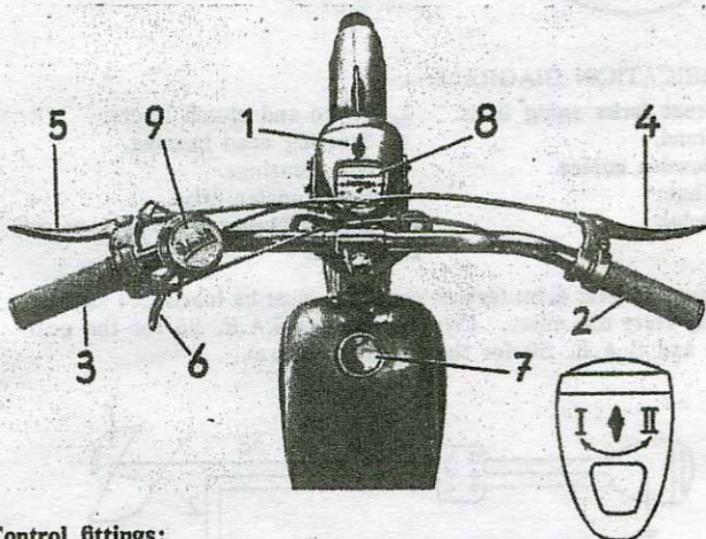




### SACHS Engine.

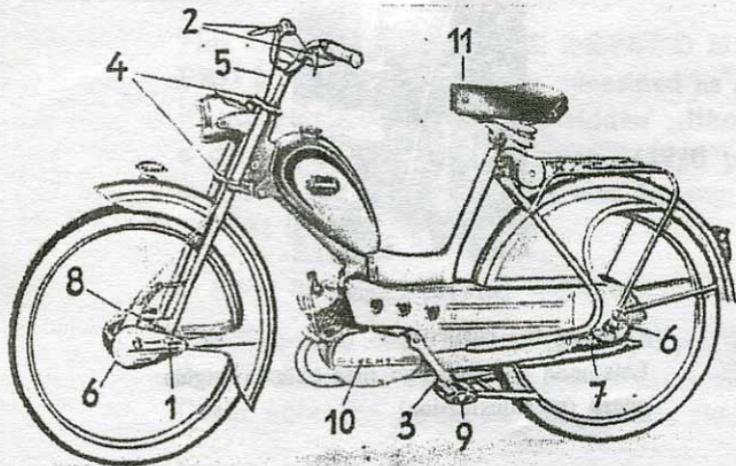
**Flooding the carburetter.**

**Left-hand side, through first hole in engine guard (see illustration).**



#### Control fittings:

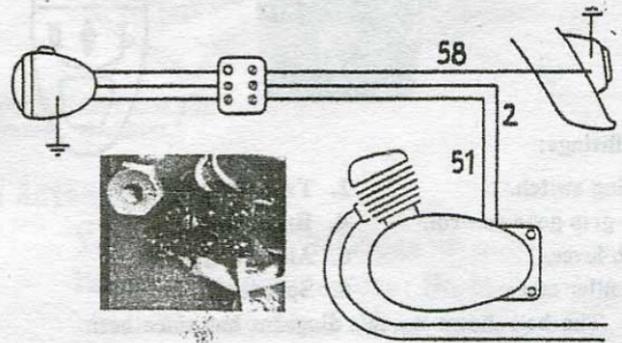
- |  |                         |
|--|-------------------------|
| 1. Lighting switch.  | 2. Twist-grip throttle. |
| 3. Twist-grip gear control.  | 4. Brake lever.         |
| 5. Clutch lever.   | 6. Air strangler.       |
| 7. Tank filler cap.  | 8. Speedometer.         |
| 9. Bell. The bell shown on this diagram has since been replaced by an Electric Horn, which is combined with the Dipper Switch, Lighting Switch and Engine Cut-Out. |                         |



**LUBRICATION DIAGRAM:**

- |                             |   |
|-----------------------------|---|
| 1. Front forks swing links. | 2. Brake and clutch levers.             |
| 3. Stand.                   | 4. Steering head bearing.               |
| 5. Bowden cables.           | 6. Hub bearings.                        |
| 7. Chain.                   | 8. Speedometer drive.                   |
| 9. Pedals.                  | 10. Engine (1 part oil 25 parts petrol) |
|                             | 11. Saddle                              |

The speedometer drive (grease chamber) must be lubricated approximately every 625 miles. (We recommend S.A.E. 90 for the gear-box, and S.A.E. 50 for the Petrol mixture).



- WIRING DIAGRAM:**
- |  |                     |
|--|---------------------|
|  | 2. Contact breaker. |
|  | 51. Generator.      |
|  | 58. Rear light.     |

## ATTENTION AND MAINTENANCE.

Your "BINETTA" DE LUXE 2-SPEED MO-PED will always be a source of lasting pleasure to you and you will never have any trouble with it if you follow the instructions. Please do not attempt any major work on it yourself—and never on any account to the engine—as in most cases you will still have to go to the expert mechanic in the end. The expense incurred by such repair work also may be much higher. Your BINETTA dealer will always treat you well, as he wants to keep you as another satisfied "BINETTA" customer.

Please also study the Engine Handbook supplied as it contains many valuable hints for you.

You should regularly check your brakes and steering, also tyre pressures, which are as follows:—

FRONT WHEEL lbs		REAR WHEEL lbs.	
10 stone rider	35	10 stone rider	35
11 stone rider	40	11 stone rider	40
12 stone rider	45	12 stone rider	45
13 stone rider	50	13 stone rider	50

Also headlamp and tail lamp operation and the chain and chain adjustment.

The following should also receive attention:

### *Every 1,250 miles (approx.)*

Check gearbox oil level and top up if necessary—capacity  $\frac{1}{2}$  pint gear oil.

Clean out carburetter.

Adjust gap of sparking plug points, 0.016—0.020.

Clean out petrol pipe.

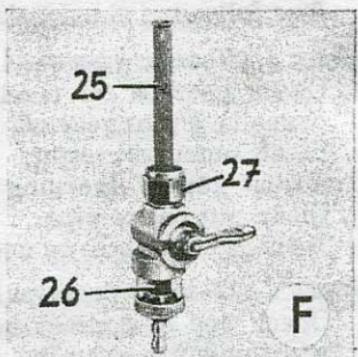
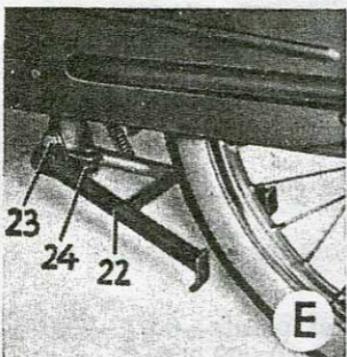
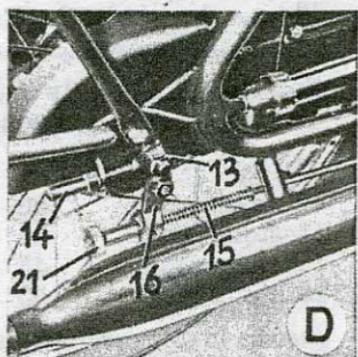
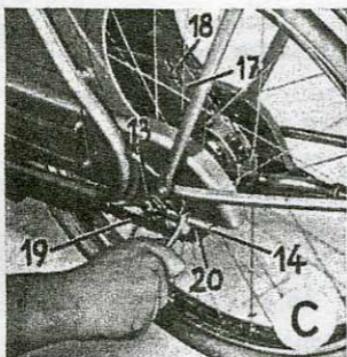
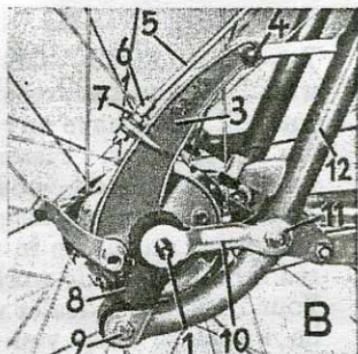
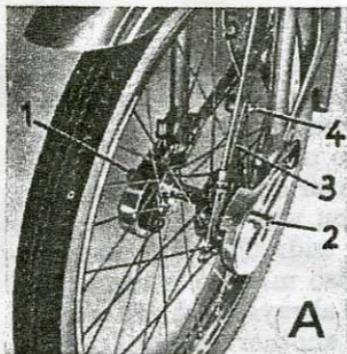
Inspect bolts, screws and nuts for tightness.

### *Every 1,875 miles (approx.)*

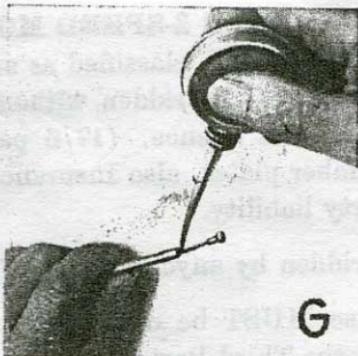
Check gap of contact breaker points—0.078—0.098 and the ignition timing, 0.078—0.098 T.D.C.

Decarbonise silencer, cylinder, cylinder head and piston.

Clean and adjust Bowden cables.



**Bowden Wires.** Bowden wires (Fig. G) must be unclipped for lubrication. Do not use anything but light lubrication oil.



## REMOVING THE WHEELS (tyre trouble)

**Front Wheel.** First of all unclip Bowden wire 5 on front hub and remove fixing screw 4 on the brake retaining lever 3. Then unscrew nut 2 and withdraw spindle 1; the wheel can now be removed from the forks (see fig. A & B).

When replacing the wheel, see that the speedometer drive is correctly placed, i.e., the grease nipple must be upwards. The

speedometer cable must not have any sharp curves.

**Rear Wheel.** Release brake rod 15 (fig D) from the brake lever 16, unscrew spindle nut 13 and chain adjuster 14; push the wheel forward and lift chain 19 off chain wheel 20.

When replacing the back wheel, see that the brake retaining lever 17 engages properly with the retaining lug 18 on the frame (see fig C).

**Brake Adjustment.** The front brake can be adjusted correctly by adjusting screw 16 with its locknut 7 (see fig B & D). The rear brake is adjusted by the knurled nut 21 on brake rod 15 (see fig D). See that the brakes do not rub after adjusting.

**Adjusting the Chain.** Slacken the two rear wheel spindle nuts 13 (fig C) and screw up the adjuster nuts 14 evenly until the chain is adjusted correctly. Check the alignment of the rear wheel and if correct, tighten spindle nuts 13 again. Re-adjust the rear brake if it rubs.

### Front Wheel Springing.

Fig. B shows the front wheel springing arrangement with the fairing cover removed. The rubber spring element 8 is held between the detachable spindle 1 and bolt 9. A sliding bush, gripped by bolt 11 between the cheeks of the swing link 10, acts as the bearing seating in the fork blades 12. If the front wheel springing should run right out frequently after long usage, the rubber bands must be renewed. The rubber spring elements are affected by oil and grease, so be careful with them when greasing and oiling the machine.

**Stand.** The stand 22 (fig. E) has a rubber buffer stop 24. Do not forget the stand bearing 23 when oiling and greasing the machine.

**Petrol Tap.** The petrol tap (fig F) an upright filter 25 in the tank and another filter 26 on the petrol pipe side. Do not forget these filters when cleaning the petrol pipe. In the Q.D. union nut 27 there is a sealing washer that seals the petrol tap against the tank connection. See that this washer is in its right position when screwing in the petrol tap.

## IMPORTANT NOTES.

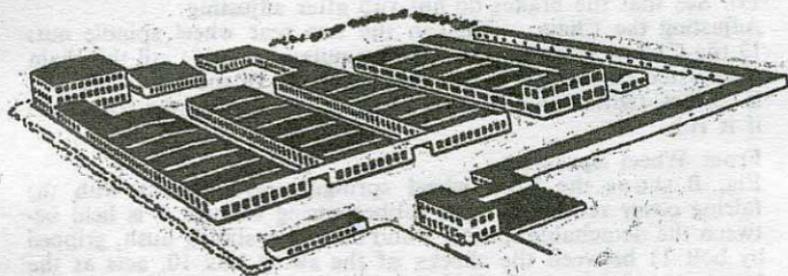
This **BINETTA DE LUXE 2-SPEED MO-  
PED** is, under British Law, classified as an  
"Autocycle". It cannot be ridden **without**  
a driving licence, road licence, (17/6 per  
annum), and number plates, also Insurance  
against third party liability.

It must not be ridden by anyone under 17.

The Taxation disc **MUST** be displayed on  
the Machine and the Third Party Insurance  
Cover note should be carried by the rider.

## RUNNING IN PERIOD.

Do not exceed 8 m.p.h. in first gear and  
20 m.p.h. in 2nd gear for the first 500 miles.



August Rabeneick G.m.b.H.  
Brackwede, Westphalia.

## An Advantage for You.

Your **BINETTA** Machine is manufactured in  
this great modern factory; the moment you pur-  
chase the machine, it comes under the very  
efficient and widespread Rabeneick Instructed  
Service.

## CAUSES OF BREAKDOWN.

**Engine will not start.** No Petroil in Tank; the carburetter has not been flooded; fuel pipe or carburetter stopped up; jet choked.

**No spark at the plug.** "Whisker" across plug points; loose or defective plug wire; plug points too wide apart; plug shorting; short circuit in contact-breaker lead; contact breaker points oiled up or burned; plug oiled up (engine over-oiled). Remove sparking plug, turn engine over several times; wipe plug dry and replace; start engine on full throttle without flooding or strangling.

**Engine stops suddenly.** Tank empty; jet, petrol pipe or air hole in tank filler cap stopped up by dirt; plug wire fallen off.

**Headlamp and tail light will not light up.** Headlamp Bulb 6V. 15 watt. Rear Lamp Bulb 6V. 2 watt. Cable connections in the lamp (switch), on the porcelain insulator or in the tail lamp have broken; defective cable; short-circuit in switch; lighting coil defective.

### Three Important Points.

Have your repairs done only by a "BINETTA" dealer.

Use none other than genuine spares.

Do not neglect any of the maintenance and running instructions and your **BINETTA** will give you long and trouble-free service.

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**STUART & PAYNE LTD.**

4, Broad Street Place. London. E.C.2.

# DELIVERY CERTIFICATE

for "BINETTA" DE-LUXE 2-SPEED MO-PED.

Engine No. \_\_\_\_\_

Frame No. \_\_\_\_\_

This "BINETTA" DE LUXE 2-SPEED MO-PED has been inspected as under and the following work carried out free of charge. It has been sold to-day to

.....  
of .....

in brand-new and perfect condition. Maintenance and Running Instruction Handbook has been supplied with the machine.

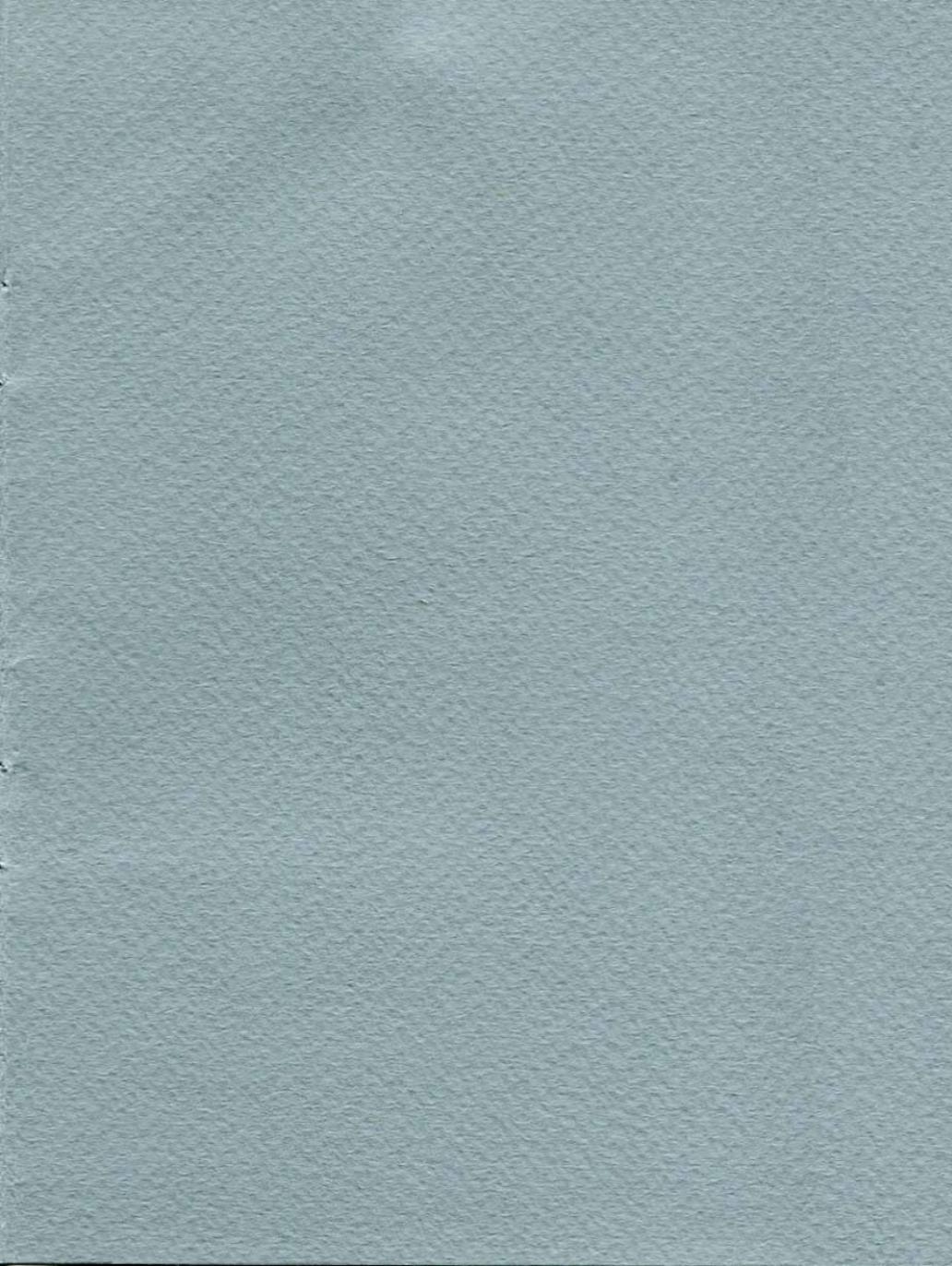
Dealers Signature.....

Date.....

Address.....  
.....

## The following inspected when delivering the machine:

1. Inspected for any possible damage; tail light fitted
2. Tool box contents checked.
3. Engine run.
4. Idling adjusted if necessary.
5. Clutch tested for freeness.
6. Working of electrical equipment tested.
7. Oil level in gearbox checked and topped up if necessary.
8. Tyre pressures, chain tension and hand and foot brakes tested
9. Bolts, screws and nuts tested for tightness.
10. The machine tested on the road.



## CONDITIONS OF GUARANTEE

To the first purchaser we guarantee for a period of six months reckoned from the date of purchase that this BINETTA DE LUXE 2-SPEED MO-PED is brand new and has no defects of either material or workmanship, according to engineering standards at the present time. The nature and extent of service under the guarantee will be subject to our findings after test and consist at our option of repairing or replacing parts or accessories sent us, carriage and all other charges paid by the sender, together with an intimation from the owner that he desires to have same exchanged or repaired free of charge according to the conditions of guarantee.

Failure to comply with these conditions, any such articles will remain at THE RISK OF THE OWNER and this guarantee or implied guarantee will not be enforceable.

Parts or accessories will only be replaced when proved to have become defective or unserviceable as the result of faulty material or workmanship. All parts so replaced become our property and will be scrapped by us.

We are not liable for expenses of transport or labour costs incurred in connection with work carried out under the guarantee. Consideration and acceptance of any claim under the Guarantee is conditional upon the following, viz:—

- a. That the defect revealed be notified without delay, in writing, or through your BINETTA dealer. (In all cases, please quote Frame and Engine numbers of the machine and the dealer from whom the machine was purchased also Date of purchase).
- b. That no repairs or alterations have been carried out by other than authorised BINETTA dealers.
- c. That natural wear and tear is not involved.
- d. That no case of negligent or unskilled handling has been found.
- f. That the machine has not been used in sports events.
- g. Acceptance of the Conditions of this Guarantee signifies that they are recognised as binding. They also apply to the dealer as regards ourselves and the purchaser.

We reserve the right to alter prices and/or specifications without notice.

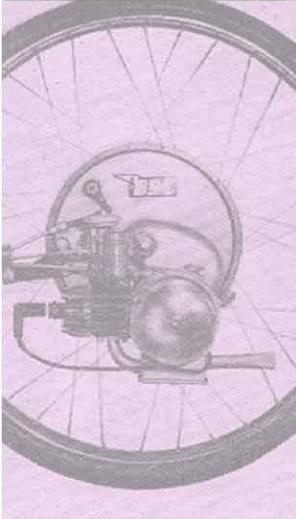
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### STUART & PAYNE LTD.

4, Broad Street Place, London, E.C.2. Tel: London Wall 1428

*Sole Concessionaires for the United Kingdom.*

# IceniCAM Information Service



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