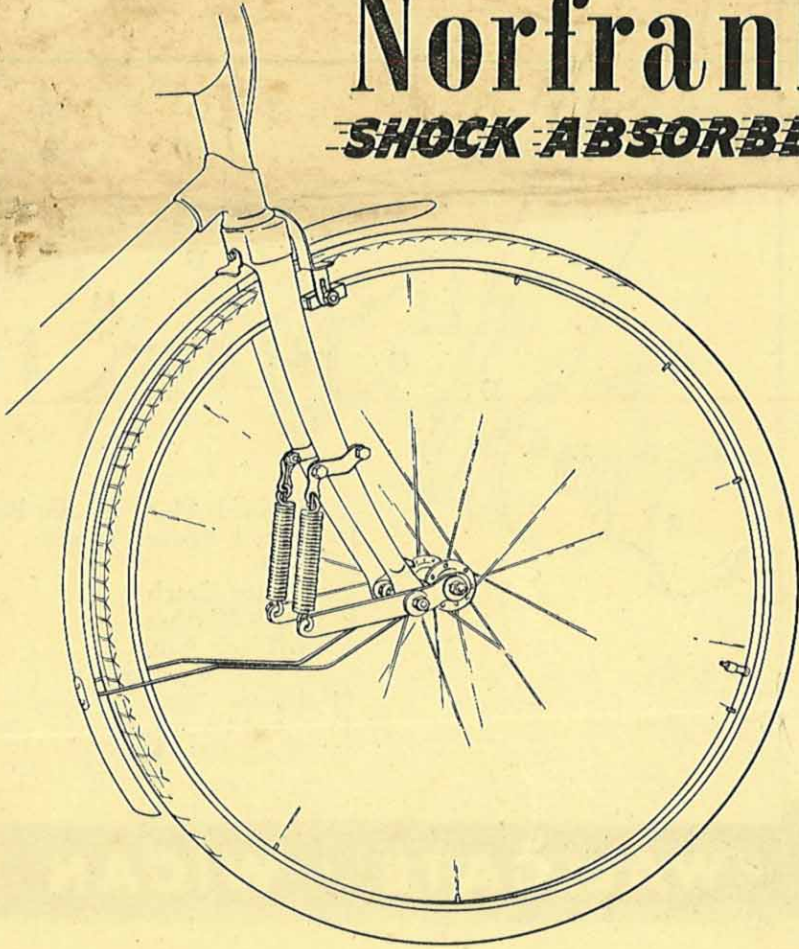
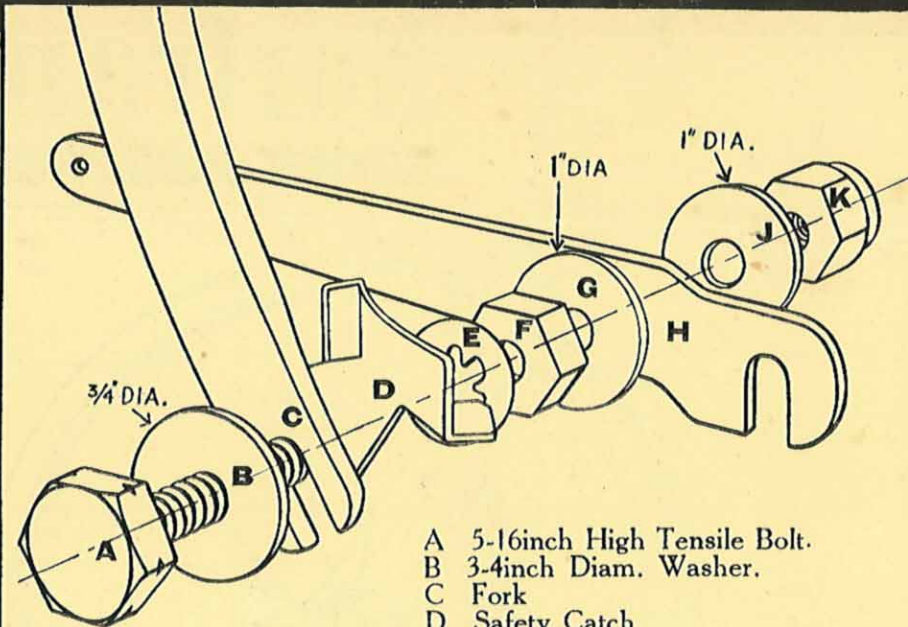


INSTRUCTIONS
for assembling the
Norfrank
~~SHOCK ABSORBER~~



The Norfrank **SHOCK ABSORBER**



- A 5-16inch High Tensile Bolt.
- B 3-4inch Diam. Washer.
- C Fork
- D Safety Catch
- E Lock Washer
- F 5-16inch Nut
- G 1 inch Washer
- H Lever
- J 1 inch Washer
- K Simmonds Nut

INSTRUCTIONS

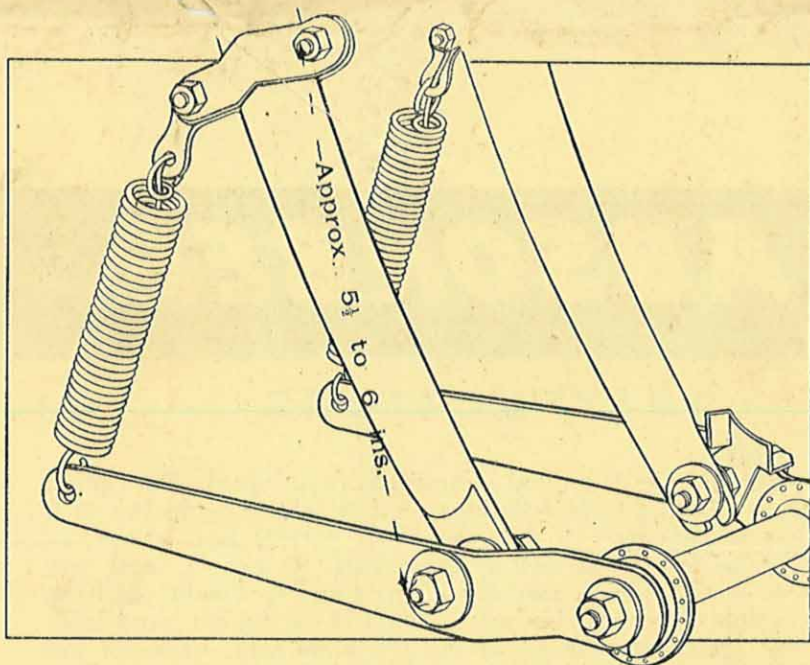
When Assembling :

Turn the bicycle upside down and remove the front wheel. Put Spring Bracket together with attached Springs on fork about $5\frac{1}{2}$ inches to 6 inches above Swivelpoint. Hook Lever H to bottom loop of spring. Fix Bolt A, items B to G as well as brass bush to fork C, and put lever H in its position, then assemble items J and K. Finally put front wheel hub in slots of lever H. The safety catch D on the left hand lever H should rest against the outside of the left hand fork, while on the right hand lever a $\frac{1}{4}$ inch washer is used instead of a safety catch.

Place the wheel in the slots on the levers, and screw tightly, using the washers and lock-washers supplied. The mud-guard stays should be bent to adjust the mud-guard at the correct distance from the wheel. Brakes will need slight adjustment, which can be assisted by lowering or raising the spring brackets on the fork, thus raising or lowering the front wheel.

In order to centre the front wheel, tighten the left hand spring bracket to the fork in the desired height, hold the wheel in the centre of fork and tighten the right hand spring bracket on to the fork. Particular care should be taken that both levers rest without any play against the shoulder of the safety bar of the spring, and the safety bar in its turn rests with the bottom end of its slot without play against the arm of the spring bracket. The safety bar should move freely in the spring.

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The levers should first be fitted with an ordinary nut to test the assembly. The special Simmonds lock-nut K can be used afterwards to ensure absolute safety. Screw the levers together with the brass bushes tightly to the forks so that they swivel freely on the screw bolt, but have the minimum of side play.

In the event of the fork of some bicycles being narrower than standard models, there is a possibility that the head of the Bolt (A) will foul the spokes of the wheel. To remedy this, all that is necessary is to put a washer between the end of the wheel-hub and the slotted end of the lever (H). As all forks have a slight natural flexibility sideways this adjustment has no detrimental effect on the fork.

This shock-absorber (Patent applied for) brings a new standard of cycling comfort. Absolutely dependable and perfectly safe, it will provide added enjoyment and halve the fatigue of the longest ride.

Examine all nuts and screws periodically.

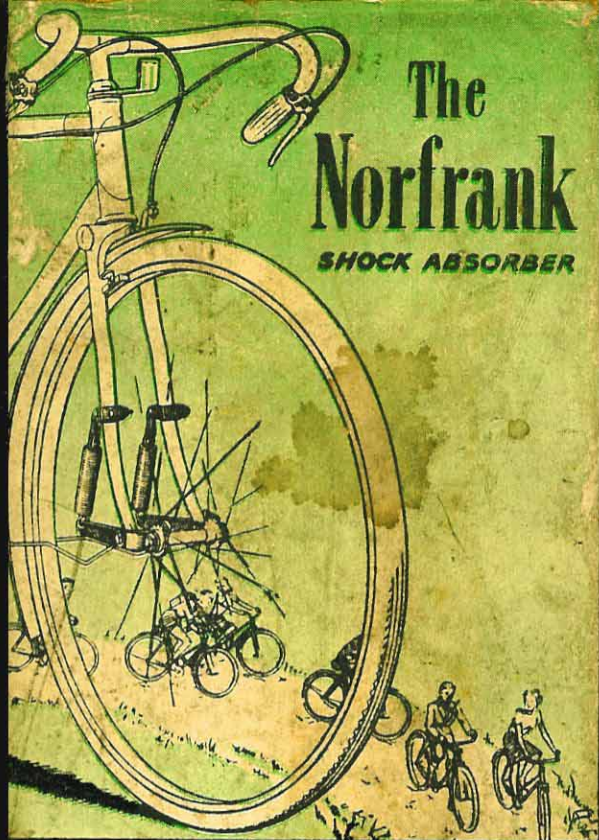
Weight of Complete Shock Absorber 19 ozs.

The Springs The finest quality high tension springs are fitted with a safety device which in the unlikely event of a spring breaking will prevent it from falling into the spokes.

The Levers Both levers are fitted with brass bushes to prevent wear.

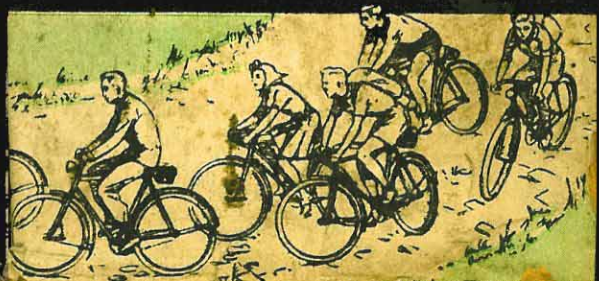
Fork Brackets The bracket bolts are designed to fit standard forks, but if the fork section is smaller, washers fitting the 1-4 inch bolts are supplied to enable the bracket to grip perfectly.

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The
Norfrank
SHOCK ABSORBER

THE NORFRANK
**SHOCK
ABSORBER**



NORFRANK CHROMES LTD., ELECTRO-PLATING SPECIALISTS

INSTRUCTION LEAFLET FOR ADJUSTING AND FITTING SHOCK-ABSORBER ENCLOSED

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The strip of paper is stuck onto the instructions to cover the words:

"Avoid compressing or stretching the springs when fitting them to the forks. Their tension should be normal."