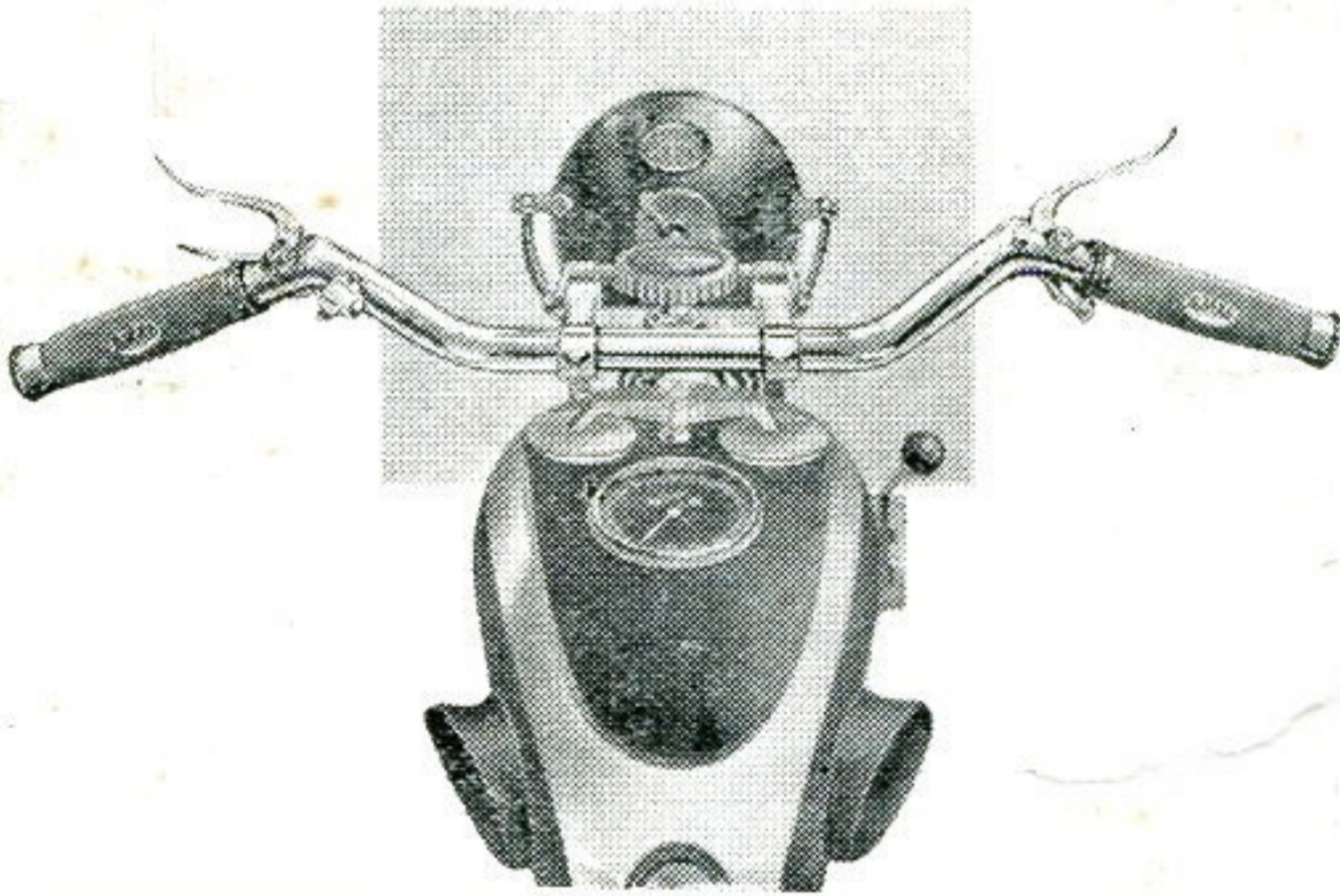


The cleanest
"clean handlebar"
yet designed!



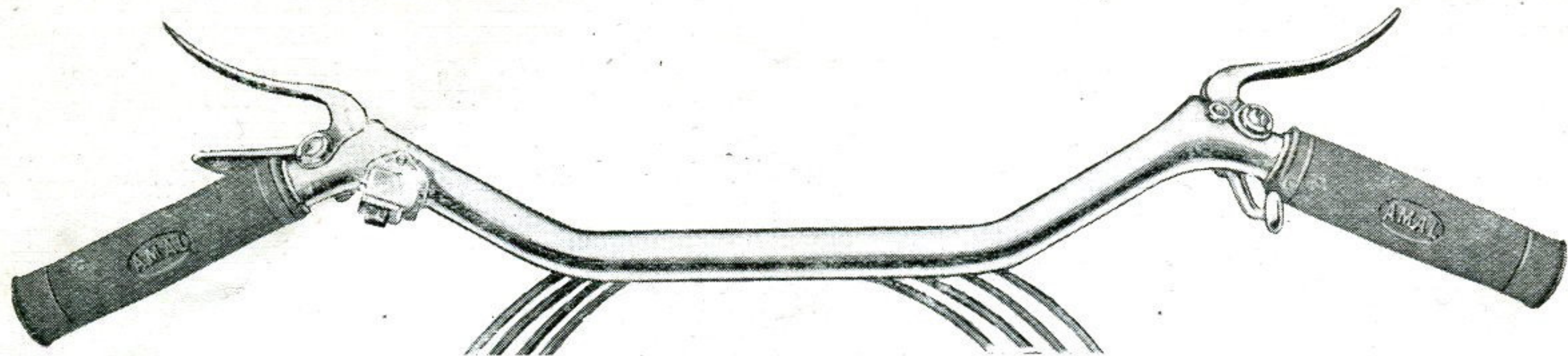
The

AMAL

"CLEAN"

HANDLEBARS

THE AMAL "CLEAN" HANDLEBARS



Neat, Clean, Compact! Make riding more comfortable.

DESCRIBING THE NEW AMAL Clean HANDLEBAR.

WE claim that the new AMAL Clean Bar, Type 44, is the cleanest "clean bar" which has ever been designed.

These bars consist of three parts—a central bend and two steel forgings—which form the foundations for the lever and twist grip mechanisms. The steel forgings have hollow circular ends which are set at an angle to the axis of the Twist Grip and which spigot, and are brazed into the central bend. The angles of the ends of the spigots of the steel forgings have been carefully calculated so that a very wide range of Handlebar shapes can be made up simply by rotating the steel forgings ends inside the bar before brazing. Only one standard shape is made for retail purpose, but if specified the bar can be supplied with raised or lowered ends for touring or racing purposes.

The fact that the Twist Grip controls are built up on stampings enables niceties of design to be incorporated which would be impossible were the tubular Handlebar end used. A glance at the illustration will show, among other details, the ingenious way in which the stiffness of the Twist Grip can be controlled by means of an adjusting screw which pulls a friction block up an inclined plane until it bears against the inside of the rotating grip.

Apart from the two Twist Grips, the full equipment of the new Handlebar consists of a thumb lever for air control, a brake lever and a horn switch by the Right Hand grip, and a dimmer switch and two side-by-side clutch and valve lifter levers on the left.

Each of the control levers is supplied with an easily operated means for taking up end play. A hollow bolt (sawcut and internally coned at one end) is screwed into the handlebar and forms a pivot, for the control lever, while a small cone headed locking bolt passes up its centre. When the locking bolt is drawn up tight by its locknut the thread of the pivot bolt is expanded until it grips firmly and cannot slacken off.

Six Advantages of the New Amal Clean Bar.

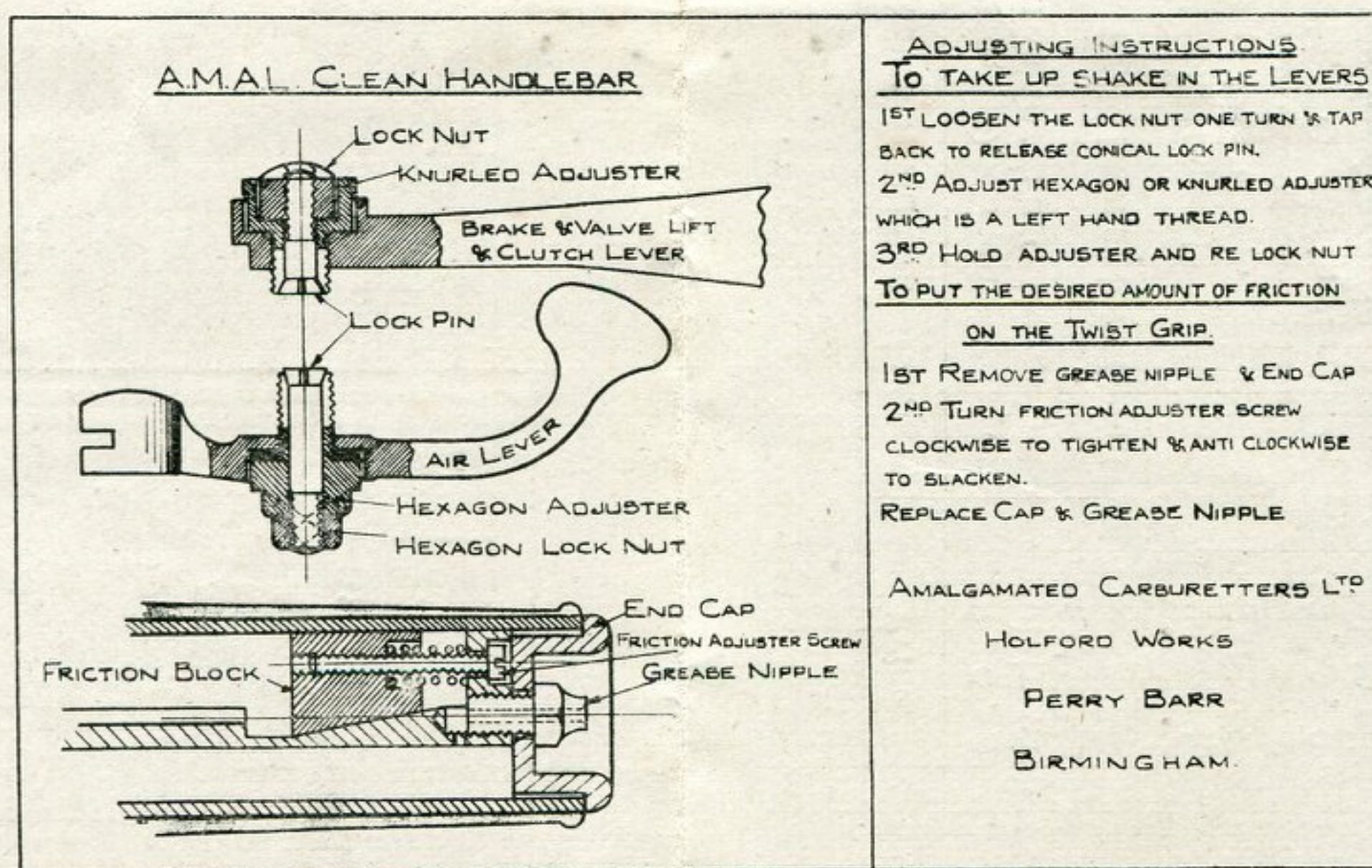
1. NEAT APPEARANCE. The AMAL "Clean" Handlebar has been produced to present a neat, clean, compact appearance. All cables are concealed inside the bar, and as may be seen from the illustration, the various lines merge neatly. All cables are inside the bar to afford protection both from the elements and accidental damage.

2. COMFORT AND EASE OF OPERATION.

Riding is more comfortable as all levers are conveniently positioned so that it is not necessary to move the hands from the grips to operate any of them. The shape of the levers has also been made to conform as near as possible to the hands. There are no clips to come undone or cause damage to the hands or gloves.

3. ACCESSIBILITY. The fact that all cables are inside the bar does not mean that they are difficult to get at. Detachable cable stops are fitted at the lever end of the outer cables.

4. EASY TO CLEAN. The number of corners and crevices has been reduced to a minimum. All dirt, grease and rust is practically eliminated, with the result that the bars are much easier to keep clean. All that is necessary to clean these finishes is a wipe over with a damp rag.



5. ADVANCE IN TWIST GRIP DESIGN.

The twist grips are neat in appearance and look like ordinary rubber grips, the reason being that all the operating mechanism is inside the bar and not in the twist grip body. A specially selected rubber is used, and the throttle twist grip gives a full opening by one-third of a turn while there is a special slow movement for the magneto advance and retard.

6. STRAIGHT PULL CABLES. All cables are made by Amal and have a straight pull. This fact provides a big point in the superiority of these handlebars, since the straight pull considerably reduces the risks of cable breakage. Further, the inner wire is of the type which does not unwind when cut.

ADJUSTING INSTRUCTIONS
To TAKE UP SHAKE IN THE LEVERS
 1ST LOOSEN THE LOCK NUT ONE TURN & TAP BACK TO RELEASE CONICAL LOCK PIN.
 2ND ADJUST HEXAGON OR KNURLED ADJUSTER WHICH IS A LEFT HAND THREAD.
 3RD HOLD ADJUSTER AND RE LOCK NUT
To PUT THE DESIRED AMOUNT OF FRICTION ON THE TWIST GRIP.
 1ST REMOVE GREASE NIPPLE & END CAP
 2ND TURN FRICTION ADJUSTER SCREW CLOCKWISE TO TIGHTEN & ANTI CLOCKWISE TO SLACKEN.
 REPLACE CAP & GREASE NIPPLE
 AMALGAMATED CARBURETTERS LTD
 HOLFORD WORKS
 PERRY BARR
 BIRMINGHAM.

PRICES AND STANDARD ARRANGEMENTS

Bar No.	Left-hand Side of Bar.	Right-hand Side of Bar.	Price.
44/300C.	<p>Twist Grip. Open inwards or outwards for Magneto or Air Control</p> <p>Straight Pull Lever for Clutch</p> <p>Straight Pull Lever for Exhaust Valve Lifter</p>	<p>Twist Grip. Open inwards or outwards for Throttle</p> <p>Straight Pull Lever for Front Brake</p> <p>Thumb Lever for Air</p> <p>Horn Push less Cable</p>	<p>£3 . 0 . 0 complete with six Cables</p> <p>£2 . 10 . 0 complete less Cables</p>
44/200C.	<p>Twist Grip. Open inwards or outwards for Magneto or Air Control</p> <p>Straight Pull Lever for Clutch</p> <p>Straight Pull Lever for Exhaust Valve Lifter</p> <p>Dimmer Switch complete with Cable</p>	<p>Twist Grip. Open inwards or outwards for Throttle</p> <p>Straight Pull Lever for Front Brake.</p> <p>Thumb Lever for Air</p> <p>Horn Push less Cable</p>	<p>£3 . 3 . 0 complete with six Cables</p> <p>£2 . 13 . 0 complete less Cables</p>

NOTE.—If slow movement is required for Magneto, this should be specified. Lengths of outer cables required should be specified. The Two Handlebar type numbers mentioned above are for bars shaped as per the illustration in this leaflet.

SPECIAL NOTE TO MANUFACTURERS.—If Manufacturers wish to fit a bar of a different shape to the standard shape shown in this leaflet, samples can be supplied with the end pieces not brazed so that they can arrive at a decision for these end pieces suitable for their requirements.

STANDARD FINISH—Polished Chromium Plated but Black finished Handlebars can be supplied if specified, at no extra charge. Diameter of bar—1in.
Overall Length—30 ins.

AMALGAMATED CARBURETTERS LTD.

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BIRMINGHAM.

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Telegrams ... AMALCARB, PHONE, BIRMINGHAM

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