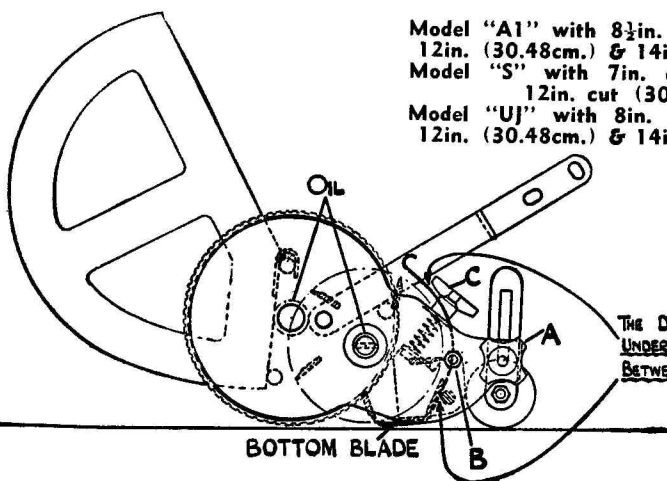


INSTRUCTIONS FOR USING

The Models "A1" "S" & "UJ" STEEL FRAME LAWN MOWERS

Model "A1" with 8½ in. dia. Outer Wheels
12 in. (30.48 cm.) & 14 in. (35.56 cm.) cut
Model "S" with 7 in. dia. Outer Wheels
12 in. cut (30.48 cm.)
Model "UJ" with 8 in. dia. Outer Wheels
12 in. (30.48 cm.) & 14 in. (35.56 cm.) cut



NOTE
THE DELIVERY PLATE MUST BE
UNDER THE HANDWHEELS &
BETWEEN THE BOTTOM BAR &
THE ROUND STAY

Before commencing to cut, see that the Lawn Mower is clean, then oil all the bearings in the holes provided, with the best machine oil, at the same time putting a little on the edges of all the cutters and bottom blade, and secure the handle firmly in the socket.

Sweep the lawn before using the machine, removing all stones, worm heaps and rubbish, which will blunt the knives. Walk with a quick step in working the machine.

HOW TO REGULATE THE HEIGHT OF CUT.—The height of cut is varied by raising or lowering the WOODEN ROLLERS in the slides, and in altering care must be taken to do so **equally** at each end, and to tighten up the handwheels "A" on bolts afterwards.

If the ground is soft and spongy, the WOODEN ROLLERS must be lowered a little to prevent the machine from cutting too closely.

This machine is despatched perfectly adjusted for cutting and ready for immediate use after fixing the handle.

To ensure satisfactory cutting the bottom blade must be in light contact with cutting cylinder; if it is too close the machine will be hard to push, but if too light the grass will appear bruised and not cut; the correct position being when the machine will cut a piece of paper like a pair of scissors.

Should the adjustment require correction, **FIRST** make sure that there is no slackness or play of any kind in the cutting cylinder bearings.

HOW TO ADJUST THE CUTTING CYLINDER BEARINGS.—First take the bottom blade out of contact with the cutting cylinder (see next paragraph). Then slacken the hexagon locknut over each bearing and gently tighten the square head-screw with the spanner provided (not too tight), so that the cylinder shaft will revolve easily without any play in the journals, then tighten the hexagon locknuts again.

The cylinder should spin quite freely when the adjustment is correct.

HOW TO ADJUST THE BOTTOM BLADE TO THE CUTTING CYLINDER.—If only slight adjustment is required, stand behind the Lawn Mower, and **first turn the right hand** adjusting handwheel "C" in a clockwise direction (not more than half a turn), **then** repeat with the **left hand handwheel**.

Should the Mower have been in use over a long period, and greater adjustment is required, first slacken the locknuts "B" at both sides of the machine, and again standing behind the Lawn Mower, adjust the **right hand handwheel first**, until the blade at that side just comes into contact with the cutting cylinder; you can easily discern when this position has been obtained, if you slowly revolve the cylinder by hand when adjusting. Repeat the foregoing at the **left hand side**, and then **DON'T** forget to retighten the two locknuts "B".

To remove the Bottom Blade from contact with the Cutting Cylinder, slacken both Locknuts "B" and turn the adjusting Handwheels "C" in an anti-clockwise direction.

When the adjustment is completed the cylinder should revolve easily as stated previously and cut a piece of note paper like a pair of scissors.

LUBRICATION.—The cutting cylinder bearings are easily lubricated by means of the lubricators provided in each bearing housing.

The driving wheels should be oiled frequently by means of the hole in the boss in the centre of the wheel.

HOW TO MOW A BANK.—Stand at the top and work the machine down the incline, or stand at the bottom and work the machine diagonally along the bank, but not in a direct line from the bottom to top.

HOW TO SCATTER THE GRASS EVENLY ON THE LAWN IN HOT WEATHER TO PROTECT THE SOD FROM BEING SCORCHED BY THE SUN'S RAYS.—Use the machine without the grass box. In this form the machine cuts long grass without clogging and will be found useful for mowing undulating ground; also close up to trees, clearing the grass well away from the bottom of the trunks.

In moving the machine about from place to place, turn the long handle over so as to raise the cylinder from the ground, and then push it forward; the cylinder will then cease to rotate. It can be taken in this convenient manner on the roughest road, without doing it the slightest injury.

WHEN THE GRASS IS CUT, clean the machine thoroughly (wipe the cutters with an oily rag), and put away in a dry place; remember that good cutting instruments don't improve with rust; by taking care of them, repairs are seldom needed, and the life of the machine itself is thus indefinitely prolonged.

FOR PARTICULARS OF SPARE PARTS—SEE OVER

THE MODELS "A1" "S" & "UJ" LAWN MOWER SPARE PARTS.

PRICES ON APPLICATION

PARTS FOR 12in. (30.48cm.) "A1" "S" & "UJ"

| | |
|------|---|
| A 1 | 8½in. (21.6cm.) Dia. Outer Wheel "Rubber Tyred" |
| G 1 | 7in. (17.78cm.) Dia. Outer Wheel ... |
| G 2 | Left Hand 7in. (17.78cm.) Sideplate Assembly ("S" Model only) |
| G 3 | Right Hand 7in. (17.78cm.) Sideplate Assembly ("S" Model only) |
| HJ 1 | 8in. (20.32cm.) Dia. Outer Wheel ... |
| HJ 2 | Left Hand 8in. (20.32cm.) Sideplate Assembly ("A1" & "UJ" Models) |
| HJ 3 | Right Hand 8in. (20.32cm.) Sideplate Assembly ("A1" & "UJ" Models) |
| DJ33 | Cutting Cylinder complete |
| S37 | Sideplate Stretcher |
| S38 | Soleplate Stretcher |
| S39 | Spindle for Back Wood Rollers |
| S42 | Delivery Plate |
| S43 | Soleplate Assembly |
| S47 | Wood Roller, set of three |
| S52 | Handle Shaft Bracket |

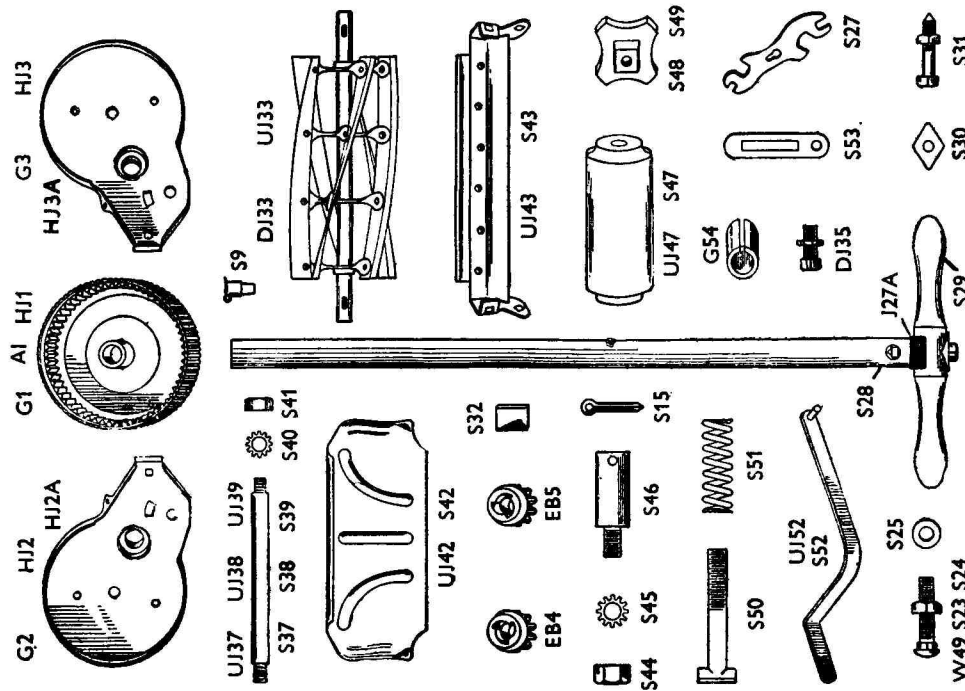
PARTS FOR 14in. (35.56cm.) "A1" & "UJ"

| | |
|-------|--|
| A 1 | 8½in. (21.6cm.) Dia. Outer Wheel "Rubber Tyred" |
| HJ 1 | 8in. (20.32cm.) Dia. Outer Wheel ... |
| HJ 2a | L.H. 8in. (20.32cm.) Sideplate Assembly |
| HJ 3a | R.H. 8in. (20.32cm.) Sideplate Assembly |
| UJ33 | Cutting Cylinder Complete |
| UJ37 | Sideplate Stretcher |
| UJ38 | Soleplate Stretcher |
| UJ39 | Spindle Back Wood Rollers |
| UJ42 | Delivery Plate |
| UJ43 | Soleplate Assembly |
| S44 | Nut for Stretcher, UJ37 |
| S45 | Lockwasher for Stretcher, UJ37 |
| UJ47 | Wood Roller, set of three |
| UJ52 | Handle Shaft Brackets |

PARTS FOR 12in. (30.48cm.) "A1," "S" & "UJ" and 14in. (35.56cm.) "A1" & "UJ"

| Part No. | Description. |
|----------|---|
| EB 4 | Pinion, Left Hand (11 teeth) |
| EB 5 | Pinion, Right Hand (11 teeth) |
| S 9 | Lubricator |
| S15 | Split Cotter Pin |
| S23 | Bolt and Nut (Adjusting Soleplate) |
| S24 | Bolt only (Roller Carrier) |
| S25 | Washers for S23, S24 |
| S27 | Spanner |
| J27a | Bottom Handle Bracket |
| S28 | Wood Handle Shaft |
| S29 | Wood Handle |
| S30 | Diamond Washer (Handle) |
| S31 | Bolt and Nut (Handle) |
| S32 | Pawl |
| DJ35 | Bearing Adjusting Screws and Locknut |
| S40 | Lock Washer for all Stretchers |
| S41 | Nut for all Stretchers |
| S44 | Nut for Wheel Stud |
| S45 | Lockwasher for S46 |
| S46 | Wheel Stud |
| S48 | Handwheel (Roller Carrier) |
| S49 | Handwheel (Adjusting Bolt) |
| W49 | Bolt and Nut (Handle Shaft Brackets) |
| S50 | T Head Adjusting Bolt |
| S51 | Adjusting Spring |
| S53 | Roller Carrier |
| G54 | Bronze Bearing (Cutting Cylinder) |
| S77 | Washer (Handwheel) |
| S78 | Washer (Wood Roller Spacing) |

Grass Box not illustrated



IMPORTANT NOTE.

In ordering parts which are made right and left hand, please specify which hand is needed as you push the machine, and always give the number and name of part. OIL OFTEN

HOW TO FIX THE DELIVERY PLATE

With the curled edge between thumb and fingers hold the Delivery Plate as close to the Cutting Cylinder as possible—*See Illustration.* Then Pass the Delivery Plate UNDER the handwheels “C” and push the leading edge firmly in the gap BETWEEN the Soleplate “D” and the round Stretcher “E”

