

RANSOMES

"AJAX"

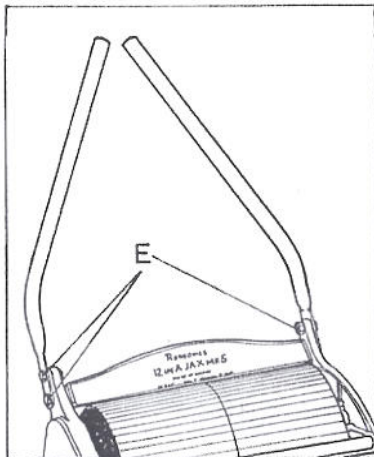
LAWN MOWER Mk 5



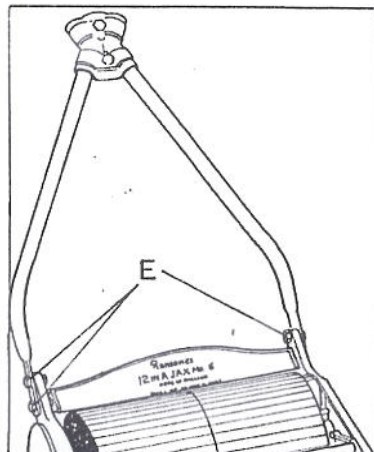
OPERATOR'S INSTRUCTIONS

For convenience of packing the "Ajax" is sent partially dismantled. The top tray of the carton contains the four handle tubes, the cross clamp, tool kit and instructions. Make sure the machine is complete before disposing of the packing.

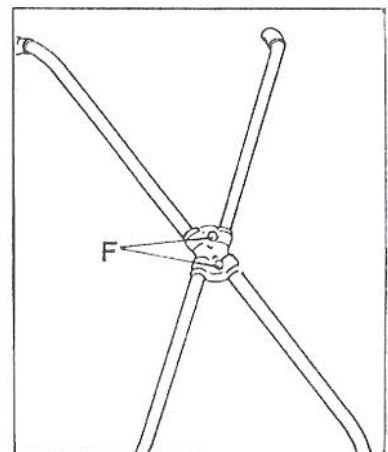
HOW TO ASSEMBLE YOUR MOWER



1 Remove bolts 'E' from lugs on one side frame and attach one bottom handle tube. Repeat on opposite side of machine. Do not tighten the bolts at this stage.



2 Slide the cross clamp over the ends of the bottom tubes. Tighten bolts 'E' securely.



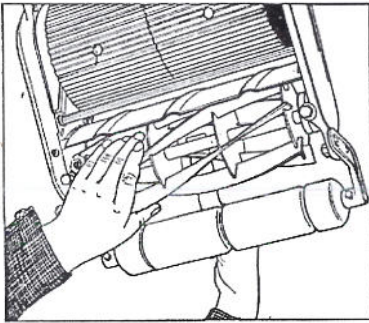
3 Insert the top handle tubes into the cross clamp, checking that the tubes meet each other at the centre of the clamp. Tighten the bolts 'F' securely.

RANSOMES SIMS & JEFFERIES LIMITED : IPSWICH : ENGLAND

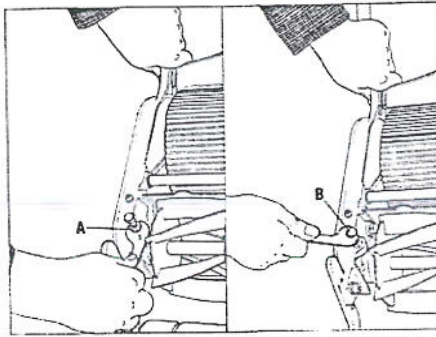
PRICE 1/-

INITIAL ADJUSTMENTS TO A NEW MOWER

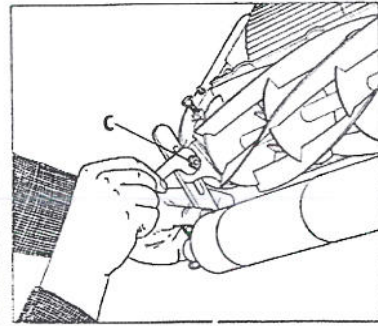
Before attempting to operate a new mower, check the following points and make any adjustments that may be necessary to suit your personal requirements.



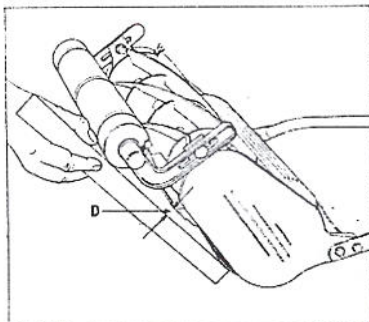
1 CHECK CUTTING ACTION
Insert a thin piece of writing paper between the bottom blade and the spiral cutters. Rotate the cylinder with your other hand. The paper should be cut cleanly at any point along the edge of the bottom blade.



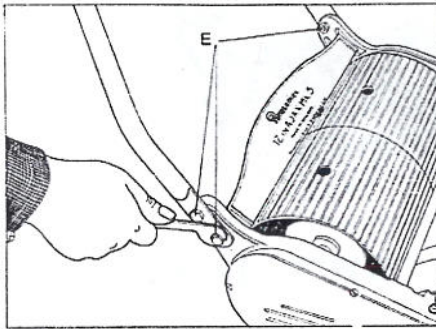
2 IF ADJUSTMENT IS NECESSARY
Slacken locknuts 'A' on either side of the machine. To bring the spiral cutters closer to the bottom blade turn screws 'B' in a clockwise direction. Make an eighth of a turn to each screw alternately. Do not overtighten—a sliding contact between the cutting edges is all that is required. Retighten locknuts 'A' securely.



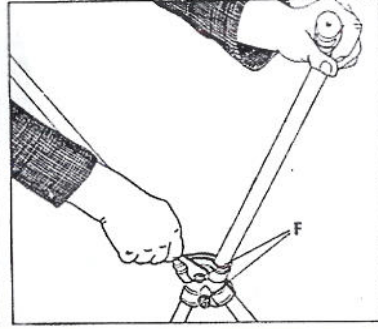
3 HEIGHT OF CUT
Decide upon the height you wish the grass to be left after cutting. Slacken bolts 'C' on either side of the machine and raise or lower the front rolls. Raising the front rolls produces a closer cut.



4 CHECK ALIGNMENT OF ROLLS
Hold a straight edge against one end of the front and landrolls and measure distance 'D' between the bottom blade and straight edge. Repeat at the opposite end of the rolls; the two distances should be identical and must never be less than $\frac{1}{4}$ of an inch.



5 HANDLE HEIGHT
Push the mower backwards and forwards to determine whether the handle position is to your liking. To alter the height, slacken the bolts 'E' raise or lower the handles to suit and then re-tighten the bolts securely.



6 HANDLE WIDTH
To increase or reduce the width of the handles slacken bolts 'F' holding the centre clamp. Open or close the top portions of the handle and then re-tighten the bolts securely.

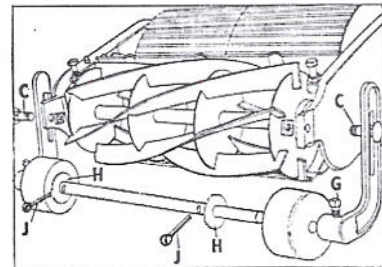
OPERATING THE MOWER

If you have a newly laid lawn, the mower should be set high for topping until the sward is well established. A lawn looks neater mown in parallel strips. It is best to alternate the direction of cut. For example, the lawn can be cut lengthwise on one occasion and crosswise or diagonally on the next. Never "shave" the surface; this practice harms the grass and leads to moss invasion.

When cutting remember an even walking pace will produce the best results. Avoid adopting an intermittent "see-saw" pace. When turning at the end of each cut, bear down on the handles so that the mower turns on the landroll. When mowing along edges, keep one end of the cutting cylinder in line with the edge of the lawn.

CUTTING LONGER LAWN GRASS

If your lawn grass has been allowed to grow longer than 2" the two centre portions of the front roll should be removed. This will allow the grass to be presented to the cutters without being bent down. Remove the front rolls and carriages by undoing the two clamp bolts "C". Slacken the setscrews "G" in one of the carriages and remove carriage and wood rolls. Re-fit the side rolls, holding them in place by means of the washers "H" and split pins "J" supplied in the tool kit.



LUBRICATING THE MACHINE

USING THE OILGUN SUPPLIED IN THE TOOL KIT

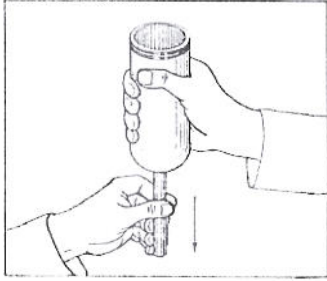


Fig. 1

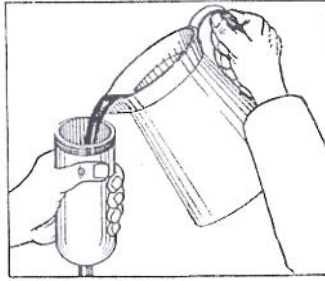


Fig. 2

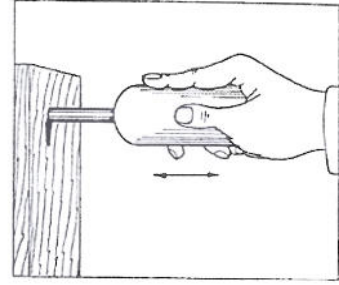


Fig. 3

Unscrew the filler cap and pull nozzle downwards to its fullest extent (fig. 1).

Fill gun with one of the commercial brands of S.A.E. 30 oil obtainable from any garage (fig. 2).

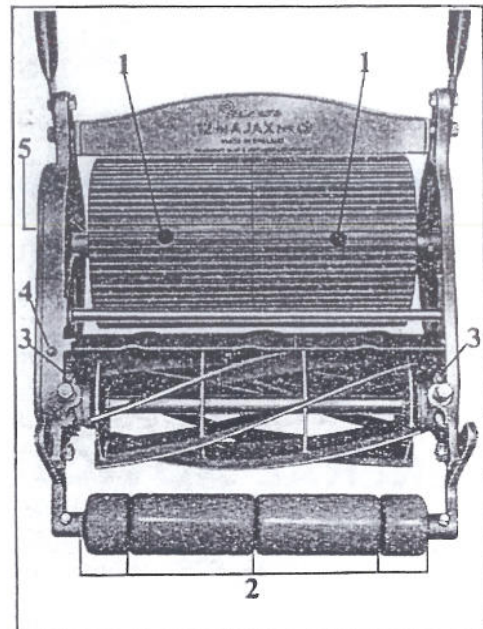
Replace filler cap and press nozzle once or twice against a piece of wood to remove air bubbles (fig. 3). Apply nozzle to lubrication nipple and make sure it is square with the end of the nipple and press firmly on the body of the gun two or three times.

LUBRICATION POINTS

There are six points on the Ajax which need lubrication every eight working hours, and five of these points are provided with oil-gun nipples (see illustration).

1. LAND ROLLS. Lubricate with oil through holes in land rolls.
2. FRONT ROLL SPINDLE. Oil between each section and each end.
3. CYLINDER BEARINGS. A little oil should be added through the nipples fitted to the bearing housings at each end of the cutting cylinder.
4. INTERMEDIATE GEAR AND STUD. A little oil should be added through the nipple on the top of the right hand side frame.

Once a season the gear cover (item 5) should be removed, the gearing should be cleaned and re-greased using a soft car grease obtainable at any garage.



MOWER MAINTENANCE

SETTING THE CUTTING CYLINDER TO BOTTOM BLADE

The setting of the cutting cylinder to the bottom blade should be checked before the machine is used, or, if the period of use is prolonged, make a check every four working hours. If necessary re-set as shown under "Initial Adjustments," page 2. THIS CHECK IS ESSENTIAL TO OBTAIN GOOD CUTTING RESULTS AND TO PREVENT OVERLOADING THE TRANSMISSION.

To keep your mower in peak cutting condition it should always be well cleaned after use.

Smear a little grease over all cutting edges and store the machine in a dry place.

Attend regularly to the lubrication instructions on page 3 and cutting unit adjustment as on page 2.

At the end of the cutting season rub a little linseed oil into the front rolls before putting the mower away.

This will prevent the wood drying out and splitting.

Make occasional checks to ensure that all nuts and bolts are securely tightened.

MOWER MAINTENANCE (continued)

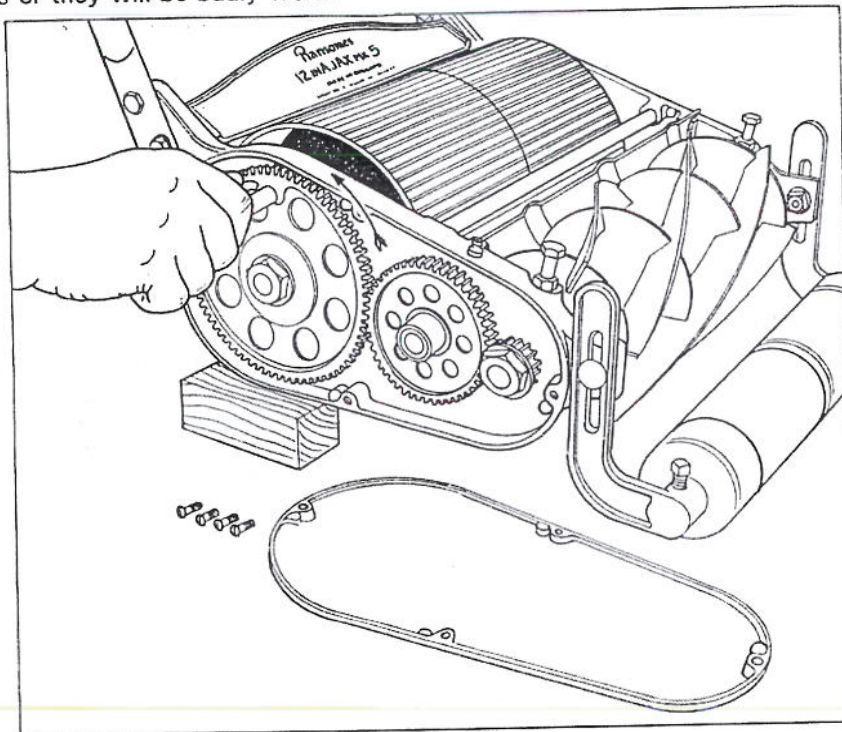
TO SHARPEN CUTTING EDGES (probably required once a season)

Set the cutting cylinder to the bottom blade as described in paragraph 2 on page 2.

Support the side frames (as shown below) so that the land rolls will turn freely. Remove the gear cover and screw the grinding-in pin, supplied in the tool kit, into the larger gearwheel. Smear the edge of the cutters with a light coat of valve grinding paste (obtainable from most garages).

Then turn the large gearwheel rapidly anti-clockwise. Gradually adjust the cutting cylinder to the bottom blade as sharpening progresses.

Wipe away all traces of grinding paste at the end of the operation and avoid getting any paste on the cylinder bearings or they will be badly worn.



GENERAL ADVICE

If any damage is apparent when delivery is made, report the details at once to the supplier of the machine.

Before cutting, see that your lawn is free from stones and other hard objects. These may well damage the cutting cylinder.

The mower should not be put away with grass cuttings left in the grassbox.

Whenever possible, avoid cutting when the grass is wet as the cuttings tend to choke the mower instead of being cleanly delivered into the grassbox.

If it is desired to leave the cuttings on the lawn, take off the grassbox and take out the delivery plate from behind the cutting cylinder.

SERVICE

Throughout the U.K. and Eire a network of authorised Sales and Service Dealers has been established and these dealers are shown in the Sales and Service Directory available from your supplier. When service attention or spares are required for the machine within or after the guarantee period your supplier or an authorised dealer should be contacted.

GUARANTEE

We GUARANTEE that should any defect in workmanship or material occur in the goods within TWELVE MONTHS of the date of purchase we will repair or, at our option, replace the defective part without making any charge for labour or for materials or for appropriate carriage within the United Kingdom, provided that the claim under this guarantee is made through an authorised Ransomes' Dealer and that the defective part shall, if we so request, be returned to us or to the Dealer. This guarantee is in addition to, and does not exclude, any condition or warranty implied by law in respect of goods sold in the United Kingdom, except that we accept no liability in respect of second-hand goods, or in respect of defects which in our opinion are in any way or to any extent attributable to misuse, lack of reasonable care or ordinary wear and tear, or to the fitting of spares, replacements, or extra components which are not supplied or approved by us for the purpose. The use of non-recommended oil or lubricant nullifies the guarantee. Damage through transport or normal wear does not come under the guarantee.