
Instructions for Using your Lawn Mower

Before using the machine, read the instructions below with care. The numbers in brackets refer to the various components illustrated in the separate Spare Parts List

1 ON UNPACKING. When unpacking the mower, examine it carefully to see that it has not been damaged in any way during transit. Spin the cutting cylinder (4) to see that it runs freely. Should any part be damaged, return it to your supplier.

2 FITTING THE HANDLE.

(a) If your machine has a wood shaft: First remove the split pins and washers (72 and 73) and fit the handle irons (19) over the bosses of the sideplates (24). Then replace the split pins and washers. The handle shaft (13) should be bolted between the handle irons using the bolts and nuts (40). Attach the crosshandle (12) to the top of the shaft with the handle clip, bolt, nut and washer provided (10 and 35).

(b) If your machine has a tubular steel handle: Fit the forks of the handle (78) over the bosses of the sideplates (24), first having removed the split pins and washers (72 and 73) which should then be replaced.

(c) If your sideplates (24) are fitted with setscrews with locknuts (75); these are intended for varying the height of the handle. Tighten or loosen the setscrews until the best position is found, then secure it by tightening the locknuts.

3 TO PREPARE THE MOWER FOR USE. The mower is perfectly adjusted before it leaves the Works and should be ready for immediate use. If during transit the adjustment has been displaced, it is quite easy to restore the cutting cylinder to perfect alignment with the bottom blade.

The soleplate (6) pivots on the two setscrews (6a) and is to be held securely in its correct position by means of the adjusting screws (42) of which there are four—two on each side.

To raise the soleplate, thus bringing the bottom blade towards the cutting cylinder, loosen the front pair of adjusting screws and tighten the rear pair. To lower the bottom blade away from the cylinder, loosen the rear pair and tighten the front pair. When correctly adjusted, the cutting cylinder should just touch the bottom blade throughout its whole length and tissue paper should be cut cleanly and easily. It is of utmost importance that all four adjusting screws are equally tight on the soleplate so that undue strain on the sideplates is avoided.

4 HEIGHT OF CUT. To regulate the height of cut loosen the bolts (43) holding the roller brackets (9) and set them to the desired position. It is important that the two brackets should be adjusted equally.

5 ADJUSTMENT OF CYLINDER BEARINGS. If the cutting cylinder (4) works loose in its bearings, proceed as follows:—

Slacken the locknut and tighten the bearing setscrew (38) until all looseness is taken up. Then tighten the locknut again.

6 LUBRICATION. It is most important to oil the mower properly with light machine oil or bicycle oil to ensure satisfactory running. The following points should be oiled every time before use:—

(a) The driving wheels (22) either through the grooves marked 'oil,' or (where provided) through the spring-cap lubricators.

(b) The two bearings of the land roller.

(c) The driving pinions (3) on each side of the mower. Place the machine on its side and turn the driving wheel round until its specially provided hole reveals the pinion within. The free-wheel and pinion can then be easily oiled through the hole. Turn the mower over and repeat through the oil hole in the other wheel.

(d) The cylinder bearings need no oil since these are self-lubricating.

7 ADJUSTMENT OF CUT. Should the mower not cut grass cleanly, check the alignment of the cutting cylinder with the bottom blade as in paragraph 3 above, and adjust as required.

8 GENERAL HINTS. You are strongly advised to sweep the grass before cutting to remove any worm casts, stones, twigs, etc., which might damage the blades.

After using the mower a few times tighten any nuts which may have worked loose and always, after each use, wipe the cutting blades and screws with an oily rag.

Give all metal parts an extra coat of thick oil or grease before putting the machine away for the winter.