

HANG THIS IN YOUR WORKSHOP

Suffolk Swift & Super Swift Roller Mowers

Instructions for using the Roller Lawn Mower

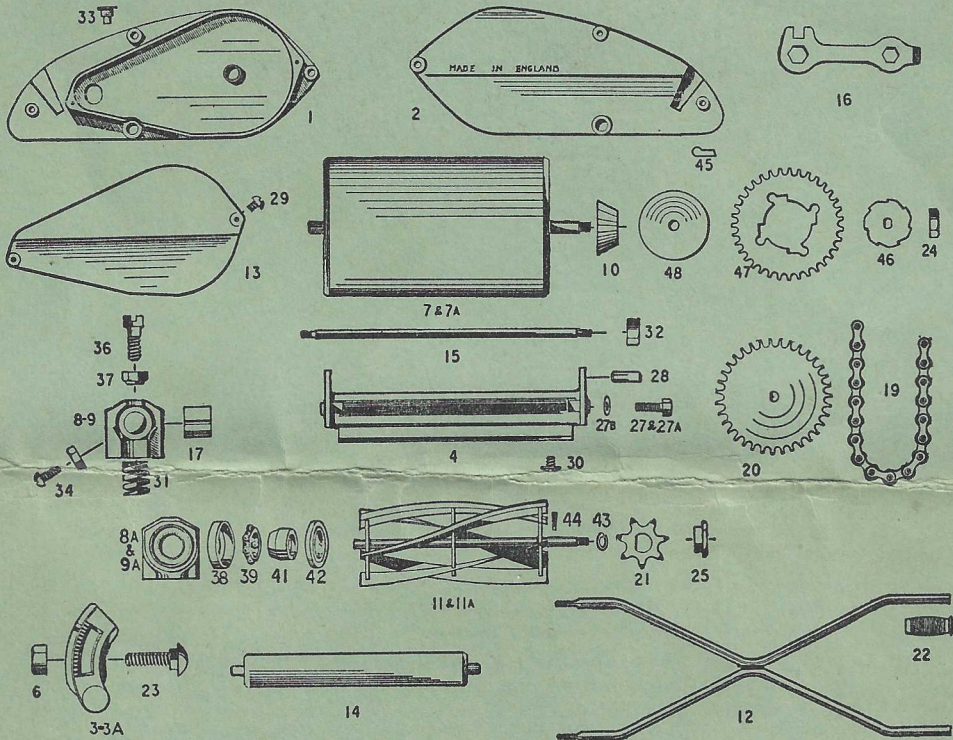
BEFORE USING THE MACHINE,
CAREFULLY READ THE INSTRUCTIONS BELOW.

1. **UPON UNPACKING THE MACHINE.**—Carefully examine it to see that it has not been damaged in any way during transit. Spin the cutting cylinder round and see that it is free.
2. **HANDLES.**—To fix the handle to the mower, fit the hole in handle fork over the boss on the inside of the sideplate and spring the handle forks together until hole in opposite fork slips over the other boss.
3. **TO PREPARE THE MACHINE FOR USE.**—The machine is perfectly adjusted ready for use before it leaves the works. If during transit the adjustment has been displaced, it is a very simple operation to restore the cutting cylinder to perfect alignment with the bottom blade, as it is only necessary to turn the screws (36) at the end of the cylinder to raise or lower the bearing housing (8-9) and bring the cutting cylinder into correct alignment with the soleplate blade. A clockwise rotation of the screw will put the cut on; an anti-clockwise rotation will take the cut off. When correctly adjusted the cutting cylinder should just touch the bottom blade throughout its length.
4. **HEIGHT OF CUT.**—To regulate the height of cut, loosen the nuts (6) holding the wood roller brackets (3 and 3A) on each side of the mower, and set the two brackets to the desired position. It is important that the two brackets should be adjusted equally.
5. **CYLINDER BEARINGS.**
 - (a) Plain Bearing Model (Swift 10").
To adjust the cutting cylinder (11) should it work loose in its bearings, loosen the locknut and tighten the setscrew (34), then re-lock. This will effectively re-set the split bush in the bearing housing.
 - (b) Ball Bearing Model (Super Swift 12").
The bearings on this model are self-aligning and no adjustment is required.
6. **LUBRICATION.**—Lubricators (33) are fitted to the bosses on the sideplates (1 and 2) supporting the spindle in the rear roller (7); also to the top of the chain case forming part of the L.H. Sideplate (1), for lubricating the roller chain (19). All these should always be given a few drops of light machine oil before use.
7. After using the machine a few times, it is advisable to tighten any nuts which may have become loose.
8. The most satisfactory results will be obtained by pushing the mower at a normal walking pace of 3 miles per hour. **DO NOT RUN.**
9. Before putting the machine away after use, be sure to wipe the blades and all screws with an oily rag.
10. **LUBRICATION OF SUPER SWIFT.** Use thin machine oil on the free wheel. Do not use grease.

Sweep Grass before Cutting

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Spare Parts List



When ordering spare parts, please quote the part number (not the diagram number) and the size of the machine, also whether right hand (R.H.) or left hand (L.H.) is required. R.H. and L.H. refer to the sides of the machine as viewed from behind the handle when in use.

	Dia. No.	Description	Part No.
Parts common to 10in. & 12in. Models	1	Sideplate, L.H.	L. 4101
	2	Sideplate, R.H.	L. 4102
	3	Wood Roller Bracket, L.H.	L. 2877
	3A	Wood Roller Bracket, R.H.	L. 2878
	6	Nut for Wood Roller Bracket	99254
	10	Spacer	L. 5473
	13	Chain Guard	L. 4105
	16	Spanner	L. 2861
	19	Chain and Connecting Link (52 pitches)	L. 2857
	21	Front Pinion, 7 teeth	L. 393
	22	Handle Grip	L. 2296
	23	Bolt for Roller Bracket	98393
	24	Nut for Sprocket	99136
	25	Nut for Pinion	L. 2846
	27	Screw for Soleplate (R.H. side)	94088
	27A	Screw for Soleplate (L.H. side)	94134
	27B	Washer for Screws 27 and 27A	99404
	28	Mills Pin for Soleplate	L. 3299
	29	Screw for Chain Guard	set L. 845
	30	Screw for Bottom Blade	L. 3929
31	Spring for Bearing Block	each L. 3494	
32	Nut for Tie Rod	99214	
33	Lubricator	L. 667	
36	Cutting Cylinder Adjusting Screw	L. 4321	
37	Nut for Cylinder Adjusting Screw	NT/D. 106	
Additional Parts for 10in. Model	7	Rear Roller (complete)	each L. 5440
	8	Bearing Block, L.H.	L. 2843
	9	Bearing Block, R.H.	L. 2844
	11	Cutting Cylinder	L. 4155
	17	Cutting Cylinder Bearing Bush	L. 2077
	34	Bearing Adjusting Screw and Nut	L. 2859
	20	Rear Sprocket, 35 teeth	L. 2852
Additional Parts for 12in. Model	7A	Rear Roller	each L. 5442
	8A	Bearing Block, L.H.	L. 2865
	9A	Bearing Block, R.H.	L. 2866
	11A	Cutting Cylinder	L. 4109
	38	Cup for Bearing Block—8A and 9A	L. 2869
	39	Ball Retainer with Balls	L. 2868
	40	Cone for Ball Retainer—Short, L.H. (not illustrated)	L. 3273
	41	Cone for Ball Retainer—Long, R.H.	L. 3272
	42	Oil Seal	L. 3274
	43	Spring Washer for Short Cone—40	L. 2870
	44	Mills Pin for Cylinder Spindle	L. 3319
	45	Pawl	L. 4106
	46	Ratchet	L. 4107
	47	Sprocket—35 teeth	L. 4123
48	Disc	L. 4108	

The following parts vary according to the width of the mower and a separate part number is given for each cutting size.

Dia. No.	Description	10"	12"
		Part No.	Part No.
4	Soleplate and Bottom Blade, complete	L. 3862	L. 2948
5	Bottom Blade only	L. 2297	L. 2298
12	Tubular Handle	L. 4183	L. 4113
14	Wood Roller	L. 3468	L. 3469
15	Tie Rod	L. 4163	L. 4104
26	Delivery Plate (not illustrated)	L. 4164	L. 4105
18	Grass Box (not illustrated)	L. 4159	L. 4115