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## GENERAL INFORMATION

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Each text page contains key numbers, which correspond with the numbers on the illustration, a description of the part, the quantity per illustrated assembly and the part number.

When a design change to a part is made, and the part is not interchangeable, the machine serial no. at which the change occurs is shown in the "Up to Machine No" column and the new part number, for later machines appears directly below the earlier part number. If the new part is fully interchangeable, the machine serial no. is replaced with "Supersedes" and the new part should be used for all replacements.

### **Amendments and Number Conversions**

The amendments issued with this catalogue should be entered at the appropriate pages before using the catalogue.

Certain parts, for administration reasons, have been given new numbers and are listed in the "Number Conversion" table. The new number should always be used when ordering these parts.

Page No.	Item No.	Old Part No.	New Part No.	Machine No.	Description.
27A		HV3/157/2	919/07300	Superseded	4 Lever Valve Block
27A	1	HV18/2/2	HV3/454/1	Superseded	Lever R.H.
27A	2	HV18/28/2	HV3/453/1	Superseded	Lever – Stabilisers
27A	3	HV18/35/2	HV3/456/1	Superseded	Lever – L.H.
27A	17	HV3/124/1	HV3/434/1		Knob R.H. (Green) Threaded/Push on
27A	18	HV17/43/1	HV3/435/1		Knob – Stabilisers Threaded/Push on
27A	19	HV3/126/1	HV3/433		Knob – L.H. (Red) Threaded/Push on
31A		AEM10/528/2	915/01200	Superseded	Tool Kit
31A	ADD		804/00056		Tommy Bar
31A	ADD		G53/25		Rear Tyre 11.2/10 x 24 x 6 Continental machines only.

OLD	NEW	OLD	NEW
G64/74	1305/6222	HV17/19	920/00173
G64/81	1305/6727	HV17/27	920/00036
G64/83	1305/3220	HV17/28	920/00197
G64/85	1305/3242	HV17/30	920/00086
G64/88	1305/3108	HV17/35	920/00174
G64/94	1305/0105	HV17/40	920/00239
G71/0	825/99808	HV17/43	920/00252
G72/0	825/99805	HV17/44	920/00093
G74/0	825/99809	HV17/54	920/00063
G80/42	1079/0003	HV17/57	920/00203
G89/0	1017/4023	HV17/61	920/00269
G89/1	1017/2038	HV17/62	920/00268
G89/2	1017/4047	HV17/63	920/00227
G89/4	1017/4025	HV17/71	920/00132
G89/7	1017/4017	HV18/2	920/00302
HV3/45	920/00163	HV18/3	920/00352
HV3/74	920/00019	HV18/5	920/00132
HV3/77	920/00169	HV18/6	920/00157
HV3/84	920/00172	HV18/7	920/00290
HV3/89	920/00375	HV18/8	920/00351
HV3/106	920/00133	HV18/13	920/00266
HV3/109	920/00185	HV18/17	920/00327
HV3/110	920/00242	HV18/18	920/00334
HV3/111	920/00152	HV18/19	920/00332
HV3/113	920/00148	HV18/26	920/00291
HV3/114	920/00191	HV18/28	920/00298
HV3/115	920/00029	HV18/31	920/00377
HV3/119	920/00248	HV18/35	920/00299
HV3/124	920/00254	HV18/36	920/00294
HV3/126	920/00253	HV18/37	920/00121
HV3/147	920/00034	HV18/38	920/00333
HV3/148	920/00069	HV18/41	920/00021
HV3/159	920/00102	HV18/46	920/00199
HV3/161	920/00308	HV18/50	920/00162
HV3/163	920/00240	HV18/54	920/00353
HV3/164	920/00094	HV18/55	920/00048
HV3/167	920/00337	HV18/56	920/00073
HV3/168	920/00293	L5/93	900/00014
HV3/169	920/00328	AL5/229	900/00011
HV3/170	920/00167	AL5/335	103/21305
HV3/171	920/00170	AL5/336	103/21306
HV3/173	920/00200	L5/344	103/39300
HV3/174	920/00058	L5/623	104/85209
HV3/176	920/00075	L7/190	104/76101
HV3/177	920/00035	AL7/288	104/76300
HV3/178	920/00077	PF3/7	604/00106
AHV3/186/1	920/00044	PF3/10	604/00105
AHV3/196	920/00042	T8/16	103/21109
HV3/211	920/00275	WW3/3	704/00005
HV3/212	920/00151	WW3/6	703/08100
HV3/256	920/00364	WW3/7	703/01300
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Key No. Description No. off. Part No. Up to m/c No.

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	Nut - Cotter Pin .....	2	AX21/56/1	
3	Bearing .....	2	AX21/36/1	<i>Suped.</i>
4	Washer .....	2	251/2110. AX21/35/1	
5	Bush .....	4	AX21/37/1	
6	Washer .....	4	AX21/43/1	
7	Cover .....	4	AX21/45/1	
8	Grease Nipple .....	4	AX21/46/1	
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11	Stub Axle L.H. ....	1	AX21/53/1	
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13	Oil Seal .....	2	AX21/42/1	
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15	Hub .....	2	EM10/99/6	
16	Wheel Stud .....	12	L2/528/2	
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17	Wheel Nut .....	12	T8/16/1	
18	Hub Bearing - Outer .....	2	AX21/25F/1	
19	Hub Nut .....	2	AX21/39/1	
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20	Cover .....	2	EM10/98/1	
21	Bolt - Cover to Hub .....	6	G64/8/5	
22	Grease Nipple .....	2	G15/0/1	
23	Track Rod Lever - Right Hand .....	1	EM10/128R/3	
	Track Rod Lever - Left Hand .....	1	EM10/128L/3	
24	Woodruff Key .....	3	AX21/48/1	
	Washer .....	2	G14/10/1	
	Nut .....	2	G43/13/2	
25	Ball Joint - Right Hand includes nut .....	1	BJ4/2/1	
26	Track Rod .....	1	EM10/137/1	
27	Ball Joint - Left Hand includes nut .....	1	BJ4/1/1	
28	Steering Arm .....	1	EM10/131/2	
	Washer .....	1	G14/10/1	
	Nut .....	1	G43/13/2	
29	Ball Joint includes nut .....	2	BJ2/12/1	10063
		2	BJ2/14/1	
30	Drag Link .....	1	EM10/136/1	10063
		1	EM10/136/2	
31	Drop Arm - See Page 1A			
32	Spring Bush .....	2	G65/2/8	
33	NUT R.H.		1356/0003.	
34	NUT L.H.		23/296/1	

Key No.	Description.	No. off.	Part No.	Up to m/c No.
1	Bulldozer Blade includes items 2 and 3 .....	1	AEM10/104/5	
2	Pivot Pin .....	4	AEM10/111/1	
3	Hairpin Spring .....	4	EM4/110/3	
4	Main Frame, includes items 5 to 9 (Petter Engine only) ...	1	AEM10/436/2	
5	Chassis (Petter Engine) .....	1	AEM10/273/16	
	Chassis (Bamford Engine) .....	1	AEM10/273/15	
6	Engine Bulkhead (Petter Engine) .....	1	AEM10/192/9	
	Engine Bulkhead (Bamford Engine) .....	1	AEM10/192/8	
7	Mudwing - Near Side (Petter Engine) .....	1	AEM10/186/8	
	Mudwing - Near Side (Bamford Engine) .....	1	AEM10/186/7	
8	Mudwing - Offside .....	1	AEM10/187/6	
9	Gusset .....	2	EM10/441/1	
10	Bonnet .....	1	EM10/189/3	
11	Hinge Bolt .....	2	G64/85/11	
	Nut .....	2	G43/16/2	
12	Bonnet Clip .....	2	AL5/336/1	262/34800
13	Bonnet Hook .....	2	L5/335/1	
14	Bolt .....	10	G64/17/5	
	Nut .....	10	G43/20/2	
15	Filler Cap .....	2	EM6/411/1	
16	Breather .....	2	L5/93/1	
17	Fuel Tap .....	1	AL5/229/1	
18	Drain Plug .....	1	G8/0/3	
	Aluminium Washer .....	1	G38/6/1	

Key No.	Description.	No. off.	Part No.	Up to m/c No.
	Continued			
19	Slewing Guard .....	2	EM10/556/2 L & R.	
20	Screw - Self Tapping .....	2	G88/1/1	
21	Bolt .....	2	G64/16/5	
	Washer .....	2	G14/13/1	
	Nut .....	2	G43/20/2	
22	Pivot Pin .....	2	G89/4/5	
23	Bolt .....	2	G64/74/11	
	Nut .....	2	G43/16/2	
24	Spacer .....	4	G80/42/13	
25	Pivot Pin .....	2	G89/7/5	
26	Stabiliser includes item 27 .....	2	AEM10/57/2	
27	Rubbing Strip - Rivetted to Leg .....	8	EM10/56/2	
	Rubbing Strip - Welded to Leg .....	8	EM10/56/3	
28	Pivot Pin .....	2	EM10/198/1	
29	Bolt .....	2	G64/74/11	
	Nut .....	2	G43/16/2	
30	Grease Nipple .....	2	G15/1/1	
31	Foot .....	2	EM10/64/5	
32	Spike .....	8	EM7/122/5	
33	Hairpin Spring .....	8	EM7/361/1	
	Flexible Fuel Pipe .....	As reqd.	L5/715/1	
	'O' Clip .....	2	G34/4/2	
	Oil Level Hose .....	1	EM10/486/1	

Key No. Description. No. off. Part No. Up to m/c No.

Key No.	Description.	No. off.	Part No.	Up to m/c No.
1	Frame .....	1	EM10/423/5	
2	Door .....	1	EM10/419/5	
3	Mirror .....	1	EM10/494/1	
4	Bolt .....	2	G64/50/5	
	Washer .....	2	G14/3/1	
	Nut .....	2	G43/16/2	
5	Glazing Rubber .....	As reqd.	G45/1/4	
			<del>824/00017</del>	
6	Window - Cab and Door .....	2	EM10/414/1	
7	Window - Front and Rear .....	2	EM10/415/1	9"10" RUBBER REQUIRED.
			<del>827/20021</del>	
8	Striker Plate .....	1	EM7/1128	
9	Handle .....	1	EM7/1157	
10	Catch .....	1	EM7/1158	
11	Glazing Rubber .....	As reqd.	G45/2/4	
12	Fixed Window .....	1	EM10/500/1	
13	Sliding Window .....	1	EM10/501/1	
14	Blanking Plate - Welded to Main Frame when Cab is fitted (not illustrated) .....	1	EM10/422/2	

Key No.	Description.	No. off.	Part No.	Up to m/c No.
	Steering Column Complete .....		SG3/25/1	
1	Nut - Steering Wheel to Spindle .....	1	D3/240/1	
2	Steering Wheel .....	1	SW2/4/1 <i>N/A USE</i> <del>PT3/4/2/1</del>	
3	Woodruff Key .....	1	SG3/37/1	
4	Inner Column Shaft .....	1	SG3/31/1	
5	Flexible Bush .....	1	SG3/33/1	
6	Worm .....	1	SG3/34/1	
7	Casing, includes items 15 and 26 .....	1	SG3/35/1	
8	Thrust Race .....	2	SG3/36/1	
9	Bearing Track .....	2	SG3/37/1	
10	Washer .....	1	SG3/38/1	
11	Shim .005 in. .... As reqd.		SG3/39/1	
	.007 in. .... As reqd.		SG3/40/1	
	.010 in. .... As reqd.		SG3/41/1	
	.015 in. .... As reqd.		SG3/42/1	
12	Cover Plate .....	1	SG3/43/1	
13	Bolt - Cover Plate to Casing .....	4	SG3/44/1	
	Spring Washer .....	4	SG3/45/1	
14	Filler Plug .....	1	SG3/46/1	
15	Bush - Rocker Shaft .....	2	SG3/47/1	
16	Cork Seal .....	1	SG3/48/1	
17	Retaining Washer .....	1	SG3/50/1	
18	Drop Arm See Page 1A			
19	Nut - Drop Arm to Rocker Shaft .....	1	SG3/49/1	
	Spring Washer .....	1	SG3/51/1	
20	Spacer .....	1	SG3/56/1	
21	Shim .003 in. .... As reqd.		SG3/52/1	
	.005 in. .... As reqd.		SG3/53/1	
	.010 in. .... As reqd.		SG3/54/1	
	.015 in. .... As reqd.		SG3/55/1	
22	Thrust Washer .....	1	SG3/57/1	
23	Rocker Shaft and Roller .....	1	SG3/58/1	
24	Bush .....	1	SG3/59/1	
25	Gasket - Cover Plate to Casing .....	1	SG3/60/1	
26	Cover Plate includes item 24 .....	1	SG3/61/1	
27	Adjusting Screw .....	1	SG3/62/1	
28	Locknut .....	1	SG3/63/1	
	Spring Washer .....	1	SG3/64/1	
29	Bolt - Cover Plate to Casing .....	4	SG3/65/1	
	Spring Washer .....	4	SG3/66/1	
30	Dowel .....	2	SG3/67/1	
31	Clamp .....	1	EM10/357/1	
32	Horn Mounting .....	1	AEM10/514/1 AEM10/514/2	10028
33	Stay .....	1	EM10/356/1	
34	Bolt - Clamp and Stay .....	3	G64/31/5	
	Nut .....	3	G43/16/2	

Key No.	Description.	No. off.	Part No.	Up to m/c No.
*1	Seat .....	1	EM4/111/1	
*1	Seat, includes items 2, 3 and 4 .....	1	S7/2/2	
2	Backrest .....	1	S7/6/1	
3	Seat Frame .....	1	S7/7/1	
4	Seat Squab .....	1	S7/8/1	
5	Base Plate .....	1	L17/142/1	
6	Nut - Seat to Base Plate .....	4	G43/20/2	
7	Seat Arm .....	1	AEM10/77/1	
8	Locking Pin .....	1	L7/190/4	
9	Locking Pin Handle .....	1	AL7/288/1	
10	Grease Nipple .....	1	G15/0/1	
11	Footplate - Front .....	1	AEM10/250/2	
12	Footplate - Rear .....	1	AEM10/248/1	
13	Bolt .....	7	G64/17/5	

\* Interchangeable alternatives.

Key No.	Description.	No. off.	Part No.	Up to m/c No.
1	Pedal .....	1	AEM10/160/4	
2	Spring .....	1	EM10/439/1	
3	Shaft .....	1	EM10/158/3	
4	Bolt .....	2	G64/83/11	
	Nut .....	2	G43/16/2	
5	Lever .....	1	AEM10/179/1	
6	Bush .....	2	EM10/302/1	
7	Collar .....	1	G61/91/3	
8	Bolt - Collar to Shaft .....	1	G64/27/5	
9	Pull Rod .....	1	EM10/182/2	
10	Clevis, includes item 11 .....	4	EM10/176/1	
11	Clevis Pin .....	4	L5/807/1	
12	Bellcrank .....	1	AEM10/148/3	
13	Bolt .....	2	G64/6/5	
	Nut .....	2	G43/12/2	
14	Compensating Link .....	1	EM10/156/2	
15	Brake Rod - Near Side .....	1	EM10/516/1	10039
		1	EM10/516/3	
16	Brake Rod - Off Side .....	1	EM10/515/1	10039
		1	EM10/515/2	
17	Barrel Nut - Subsequent to Machine No. 10039 .....	2	EM10/538/1	
18	Handbrake Rod, includes item 19 .....	1	AEM10/194/2	
	Split Pin .....	1	G3/10/2	
19	Clevis Pin .....	1	L5/806/1	
20	Handbrake includes items 21 and 22 .....	1	BR9/4/1	
21	Handbrake Lever - See Page 7A			
22	Quadrant Plate .....	1	BR9/6/1	
23	Bolt - Handbrake to Frame .....	2	G64/66/11	
	Nut .....	2	G43/16/2	

Key No.	Description.	No. off.	Part No.	Up to m/c No.
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	Lever Complete .....			
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~~BR9/12/1~~ NSP. USE BR9/4

1	Button .....	1	BR9/13/1	
2	Spring .....	1	BR9/14/1	
3	Pin .....	1	BR9/15/1	
4	Rod .....	1	BR9/16/1	
5	Pawl .....	1	BR9/17/1	
6	Washer .....	1	BR9/18/1	
7	Split Pin .....	1	BR9/19/1	
8	Clevis Pin .....	1	BR9/20/1	
9	Spring Washer .....	1	BR9/21/1	
10	Washer .....	1	BR9/22/1	
11	Split Pin .....	1	BR9/23/1	
12	Lever Pressing .....	1	BR9/24/1	
13	Rivet .....	1	BR9/25/1	
14	Washer .....	1	BR9/26/1	

Key No.	Description.	No. off.	Part No.	Up to m/c No.
1	Working Lights - Front and Rear	4	EM10/480/1	
2	Flasher Light	4	EM10/474/1	
	Self Tapping Screw	As reqd.	G88/2/1	
3	Rear Light	2	EM6/998/1	
4	Relector	2	EM6/832/1	
5	Switch - Working Lights	2	EM6/452/1	
6	Wiring Harness	1	EM10/583/1	
	Cable Clips (Large)	As reqd.	G70/0/2	
	Cable Clips (Small)	As reqd.	G70/1/2	
7	Auxiliary Lead (3 Wire)	1	EM10/588A/1	
8	Auxiliary Lead (2 Wire)	1	EM10/588B/1	
9	Auxiliary Lead (34" long single wire)	1	EM10/588D/1	
10	Auxiliary Lead (19" long single wire)	1	EM10/588C/1	
11	Battery- Self Starter and Lights, 12V, 72amp. hours	1		
	Battery - Lights Only 12V, 64 amp. hours	1		
	Battery Lead - ve (long)	1	EM10/581/1	
	Battery Lead - ve (short)	1	EM10/582/1	
12	Clamping Bolt	2	EM10/578/2	
13	Clamping Angle	1	EM10/579/1	
14	Nut	2	G43/20/2	
15	Voltage Regulator	1	EM10/479/1	
	Bolt - Regulator and Flasher Unit	3	G12/2/5	
	Nut	3	G24/4/2	
16	Horn	1	EM10/478/1	
17	Fuse Box	1	EM6/409/2	
18	Ignition Warning Light	1	EM10/475/1	
19	Flasher Unit 12V 42 watt	1	EM10/499/1	
20	Ignition Switch	1	EM12/1448/1	
21	Flasher Switch	1	EM6/408/1	
22	Horn Button	1	EM10/473/1	
23	Windscreen Wiper Motor	2	WW3/6/1	
24	Wiper Arm	2	WW3/2/1	
25	Wiper Blade	2	WW3/3/1	

Key No.	Description.	No. off.	Part No.	Up to m/c No.
1	Slewing Rack .....	1	AEM10/87/3	
2	Kingpost Assembly includes items 3 and 7 .....	1	AEM10/47/7	
3	Bush .....	2	EM10/51/1	
4	Buffer .....	2	EM10/234/3	
	Nut .....	2	G43/12/2	
5	Pivot Pin .....	1	G89/0/5	
6	Bolt .....	1	G64/74/11	
	Nut .....	1	G43/16/2	
7	Bush .....	2	EM10/26/1	
8	Pipe - Welded to Kingpost .....	2	AEM10/403/1R	
9	Pipe " " " .....	2	AEM10/403/1L	
10	Pipe " " " .....	2	AEM10/404/1	
11	Grease Nipple .....	5	G15/1/1	
12	Roller .....	2	G61/92/2	
13	Split Pin .....	2	G3/3/2	
14	Pin .....	2	AEM10/352/2	
15	Rail .....	1	AEM10/346/1	
x 16	Bolt .....	2	G64/81/11	
	Locknut .....	2	G10/5/4	
17	Nut .....	1	G43/14/2	
18	Washer .....	1	G14/31/1	
19	Thrust Washer .....	2	EM10/213/1	
20	Shaft .....	1	EM10/52/2	
21	Bolt .....	1	G64/26/5	
	Nut .....	1	G43/12/2	
22	Roller .....	1	G61/93/2	
23	Pin .....	1	AEM10/349/1	
24	Bolt .....	1	G64/15/5	
	Nut .....	1	G43/16/2	
25	Grease Nipple - 90° .....	3	G48/0/1	

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Key No. Description. No. off. Part No. Up to m/c No.

1	Cover .....	1	EM10/230/4	
2	Bolt - Cover to Boom .....	4	G64/66/11	
	Nut .....	4	G43/16/2	
3	Boom includes items 4 and 5 .....	1	AEM10/17/3	
4	Bush .....	2	EM10/23/1	
5	Grease Nipple .....	2	G15/0/1	
6	Pivot Pin .....	1	AEM10/27/1	
7	Collar .....	1	G61/84/4	
8	Bolt - Pivot Pin .....	3	G64/74/11	
	Nut .....	3	G43/16/2	
9	Pivot Pin .....	1	EM10/468/1	
10	Pivot Pin .....	1	G89/4/5	
11	Pipe .....	2	AEM10/227/3	
12	Clamp .....	2	EM10/236/1	
13	Nut - Clamp to Boom .....	2	G43/16/2	
14	Pivot Pin .....	1	G89/2/5	
15	Bolt - Pivot Pin .....	1	G64/59/11	
	Nut .....	1	G43/16/2	
16	Jury Strut and Chain .....	1	AEM10/461/1	



SERVICE ALTERATION NOTE NO 2111.

Catalogue .....

Page No. ....

Issue No. ....

Date 30 - 9 - 69.

Models affected .....

Ref 106/802

Item No.	Old Part No.	New Part No.	Description	Manufacturers Part No.
	535/00106	535/00601	TOOTH.	
	535/00104	1305/3718	BOLT.	
	R24/14	1340/0701	NUT.	
<p>Reason 'A' DESIGN CHANGE. PRESENT SIDE CUTTER AND BUCKET TEETH ARE SECURED BY R.B.F. NUTS AND BOLTS THESE HAVE BEEN CHANGED TO W.I.F. NUT AND BOLTS INTERCHANGEABLE. NEW TEETH ARE INTERCHANGEABLE PROVIDING NEW NUTS AND BOLTS ARE SUPPLIED.</p>				
<p>Stock Recommendation + C.W.I. OLD PARTS.</p>				

Catalogue .....

Page No. .... Issue No. ....

Date 29.9.69.

Models affected .....

Ref. 106/802.

Item No.	Old Part No.	or	New Part No.	Manufacturer	Description	Manufacturers Part No.
	535/00101	-	535/00602		TOOTH.	
	535/00104	-	1305/3718		BOLT. TOOTH TO BUCKET.	
	G24/14.	-	1340/0701		NUT.	
	535/00105	-	1305/3714		BOLT. SIDE CUTTER TO BUCKET.	
	G10/5	-	1340/0701		NUT.	
<p>Reason A DESIGN CHANGE. PRESENT SIDE CUTTER AND BUCKET TEETH ARE SECURED BY B.S.F. NUTS AND BOLTS THIS HAS BEEN CHANGED TO U.N.F. NUT AND BOLTS.</p> <p>Interchangeable Yes NEW TEETH ARE INTERCHANGEABLE PROVIDING</p> <p>NEW NUTS AND BOLTS ARE SUPPLIED</p> <p>Stock Recommendation C.W.E. <del>OLD</del> OLD PARTS.</p>						

Key No.	Description.	No. off.	Part No.	Up to m/c No.
1	Tipping Lever .....	1	AEM10/2/1	<i>correction,</i>
2	Pivot Pin .....	2	G89/1/5	
3	Bolt .....	2	G64/74/11	
	Nut .....	2	G43/16/2	
4	Tipping Link .....	1	AEM10/7/1	
5	Bush .....	1	G39/31/1	
6	Pivot Pin .....	1	AEM10/24/1	
7	Hairpin Spring .....	1	EM4/110/3	
8	Grease Nipple .....	2	G15/0/1	
9	Grease Nipple .....	1	G15/1/1	
10	Bush .....	2	G39/35/14	
11	Bucket 15 in. (381 mm) includes items 12, 13, 14 and 16 .	1	AEM10/149/1	
	Bucket 21 in. (533 mm) includes items 12, 13, 14 and 16 .	1	AEM10/141/1	
	Bucket 27 in. (686 mm) includes items 12, 13, 14 and 16 .	1	AEM10/116/1	
	Bucket 33 in. (838 mm) includes items 12, 13, 14 and 16 .	1	AEM10/161/1	
12	Bush .....	4	G65/2/8	
13	Grease Nipple .....	4	G15/0/1	
14	Tooth - Standard includes item 15 .....	As reqd.	EM7/213/2	<i>535/00101</i>
	Tooth - Golden includes item 15 .....	As reqd.	EM7/981/1	<i>535/00602.</i>
15	Nut and Bolt - Tooth to Bucket .....	As reqd.	EM7/212/1	
16	Side Cutter Left and Right includes item 17 .....	2	EM7/241/1 L & R.	
17	Nut and Bolt - Sidecutter to Bucket .....	4	EM4/567/1	
	Toe Plate 15 in. (381 mm) .....	1	EM10/155/1	
	Toe Plate 21 in. (533 mm) .....	1	EM10/147/1	
	Toe Plate 27 in. (686 mm) .....	1	EM10/121/1	
	Toe Plate 33 in. (838 mm) .....	1	EM10/167/1	

Key No.	Description.	No. off.	Part No.	Up to m/c No.
1	Dipper Arm - Short includes items 2,3 and 4 .....	1	AEM10/10/3	
2	Dipper Arm - Long includes items 2,3 and 4 .....	1	AEM10/495/2	
3	Grease Nipple .....	3	G15/0/1	
4	Bush .....	2	EM10/26/1	
5	Bush .....	2	G39/31/14	
6	Pivot Pin .....	2	G89/0/5	
7	Bolt .....	2	G64/74/11	
	Nut .....	2	G43/16/2	
8	Hairpin Spring .....	1	EM4/110/3	
9	Pivot Pin .....	1	AEM10/24/1	

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10/2

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Date 29.9.69.

Ref 106/802.

Models affected

Item No.	Old Part No.	or	New Part No.	Description	Manufacturers Part No.
	535/00101	-	535/00602	TOOTH.	
	535/00104	-	1305/3718	BOLT TOOTH TO BUCKET	
	G24/14.	-	1340/0701	NUT.	
	535/00105	-	1305/3714	BOLT SIDE CUTTER TO BUCKET	
	G10/5	-	1340/0701	NUT.	
<p>Reason A DESIGN CHANGE. PRESENT SIDE CUTTER AND BUCKET TEETH ARE          SECURED BY B.S.F. NUTS AND BOLTS THIS HAS BEEN CHANGED TO WINIS NUT AND BOLTS          INTERCHANGEABLE. NEW TEETH ARE INTERCHANGEABLE PROVIDED          NEW NUTS AND BOLTS ARE SUPPLIED.          Stock Recommendation + + S.W.E. <del>OLD</del> OLD PARTS.</p>					

9/05/1001



SERVICE ALTERATION NOTE

Catalogue .....

Page No. .... Issue No. ....

Date 30 - 9 - 69.

Models affected .....

Ref. 106/902.

Item No.	Old Part No.	or	New Part No.	or	Description	Manufacturers Part No.
	535/00106	-	535/00601		TOOTH.	
	535/00104	-	1305/3718		BOLT.	
	624/14	-	1340/0701		NUT.	

Reason 'A' DESIGN CHANGE. PRESENT SIDE CUTTER AND BUCKET TEETH ARE  
 SECURED BY B.B.F. NUTS AND BOLTS THESE HAVE BEEN CHANGED TO U.N.F. NUT AND BOLTS  
 interchangeable  Yes  No | NEW TEETH ARE INTERCHANGEABLE PROVIDING  
 NEW NUTS AND BOLTS ARE SUPPLIED.  
 Stock Recommendation  C.W.E.  Retain | C.W.E. OLD PARTS.

**SQUARE HOLE BUCKET**  
3FT. (914mm.)

Key No.	Description.	No. off.	Part No.	Up to m/c No.
1	Tipping Lever .....	1	AEM10/2/1	
2	Pivot Pin .....	2	G89/1/5	
3	Bolt .....	2	G64/74/11	
	Nut .....	2	G43/16/2	
4	Tipping Link, includes items 5, 8, 9 and 10 .....	1	AEM10/505/1	
5	Bush .....	1	G39/31/1	
6	Pivot Pin .....	1	AEM10/24/1	
7	Hairpin Spring .....	1	EM4/110/3	
8	Grease Nipple .....	2	G15/0/1	
9	Grease Nipple .....	1	G15/1/1	
10	Bush .....	2	G39/35/14	
11	Bucket, includes items 12, 13, 14 and 16 .....	1	AEM10/512/1	
12	Bush .....	4	G65/2/8	
13	Grease Nipple .....	4	G15/0/1	
14	Tooth -Standard includes item 15 .....	4	EM7/213/2	
	Tooth -Golden includes item 15 .....	4	EM7/981/1	
15	Nut and Bolt - Tooth to Bucket .....	4	EM7/212/1	
16	Side Cutter Left and Right, includes item 17 .....	2	EM4/582/1 L & R.	
17	Nut and Bolt - Sidecutter to Bucket .....	4	EM4/567/1	
	Toe Plate .....	1	EM7/221/2	

Key No.	Description.	No. off.	Part No.	Up to m/c No.
1	* PH2 Petter Engine complete	1	EN22/33/1	
2	Bolt - Engine to Main Frame	4	G64/28/5	
	Nut	4	G43/12/2	
3	Gearbox - See Page 15A			
4	Bolt - Gearbox to Engine	8	G12/20/5	
	Spring Washer	8	G16/5/2	
5	Hydraulic Pump See Pages 28A and 29A			
6	Push Rod - Front	1	AEM10/325/1	
7	Push Rod - Rear	1	EM10/327/1	
8	Locknut	3	G10/12/4	
9	Clevis and Pin	1	L5/344/2	
	Clevis Pin	1	L5/806/1	
10	Spring	1	L5/623/1	
11	Foot Throttle Lever and Cover Plate	1	AEM10/434/2	
12	Bracket	1	EM10/311/1	
13	Bolt	1	G64/48/11	
	Nut	1	G43/20/2	
14	Throttle Cable	1	BR9/10/1	
15	Throttle Lever	1	BR9/11/1	
16	Bracket	1	EM10/175/1	
17	Bracket	1	EM10/462/1	
18	Engine Stop Cable, includes item 18	1	EM10/157/1	
19	Nipple	1	EM10/587/1	
20	Bolt	1	G12/24/5	
	Nut	1	G24/4/2	
21	Cable Clip	1	EM10/463/2	
22	Exhaust Pipe	1	EM10/585/1	
23	Sleeve	1	EM10/586/1	
24	Silencer - See Petter Parts Catalogue			
25	Drive Shaft	1	UJ5/1/1	
26	Bolt	8	G64/31/5†	
	Nut	8	G43/16/2	

\* For detailed information see Petter parts catalogue

Key No.	Description.	No. off.	Part No.	Up to m/c No.
1	Thrust Bearing .....	1	CL3/21/1	
2	Securing Springs .....	2	CL3/22/1	
3	Housing and Pressure Plate .....	1	CL3/16/1	
4	Bolt - Housing to Flywheel .....	6	G64/94/11	
5	Clutch Plate .....	1	CL3/15/1	
6	Flywheel includes items 11 and 12 .....	1	GB20/4/1	
7	Bolt - Flywheel to Engine (Petter) .....	4	G12/32/5	
	Bolt - Flywheel to Engine (Bamford) .....	4	G64/88/11	
8	Spring Washer .....	10	G16/1/2	
9	Dowel .....	1	EM10/435/1	
10	Flange (Bamford Engine only) .....	1	EN23/209/1	
11	Bush .....	1	GB20/101/1	
12	Dowel .....	2	GB20/102/1	
13	Pedal includes item 14 .....	1	AEM10/319/1	
14	Bush .....	1	EM10/302/1	
15	Clevis and Pin .....	2	L5/344/2	
	Clevis Pin .....	2	L5/806/1	
	Split Pin .....	2	G3/10/2	
16	Locknut .....	2	G10/12/4	
17	Rod (Petter Engine) .....	1	EM10/180/4	
	Rod (Bamford Engine) .....	1	EM10/180/3	
18	Clutch Lever See Page 15A			

Key No.	Description.	No. off.	Part No.	Up to Gearbox Serial No.
	<i>GEARBOX Assy</i>		<i>GB 20/1</i>	
1	Companion Flange .....	1	GB20/8/1	
2	Dust Cover .....	1	GB20/9/1	
3	Oil Seal .....	1	GB20/10/1	
4	Spacer .....	1	GB20/11/1	
5	Rear Cover .....	1	GB20/7/1	
6	Bolt, Long - Cover to Casing .....	2	GB20/103/1	
7	Bolt, Short - Cover to Casing .....	3	GB20/83/1	
	Spring Washer .....	5	GB20/104/1	
8	Gasket - Cover to Casing .....	1	GB20/105/1	
9	Casing .....	1	GB20/6/1	
10	Drain Plug .....	1	GB20/19/1	
	Washer .....	1	GB20/106/1	
11	Gasket - Top Cover to Casing .....	1	GB20/107/1	
12	Top Cover .....	1	GB20/62/1	
13	Bolt .....	8	GB20/63/1	
	Washer .....	8	G31/3/1	
14	Dipstick .....	1	GB20/64/1	
15	Pad .....	2	GB20/65/1	
16	Clutch Lever .....	1	GB20/66/1	
17	Bolt - Lever to Shaft .....	1	GB20/67/1	
	Washer .....	1	G31/3/1	
	Nut .....	1	GB20/69/1	
18	Bush .....	2	GB20/68/1	
19	Shaft .....	1	GB20/76/1	29999
		1	GB20/109/1	
20	Bell Housing .....	1	GB20/5/1	29999
		1	GB20/108/1	
21	Washer .....	1	GB20/70/1	29999
		1		
22	Circlip .....	1	GB20/71/1	
23	Clutch Release Fork .....	1	GB20/72/1	
24	Cotter Pin, Washer and Nut .....	1	GB20/73/1	
25	Stud .....	6	GB20/75/1	
	Nut .....	6	GB20/74/1	
26	Bearing Cover .....	1	GB20/52/1	
27	Oil Seal .....	1	GB20/51/1	
28	Bolt .....	4	GB20/50/1	
	Washer .....	4	GB20/104/1	
29	Gear Lever .....	1	EM10/359/3	
30	Rubber Boot .....	1	GB20/118/1	

Key No.	Description.	No. off.	Part No.	Up to Gearbox Serial No.
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Continued

31	Spring	1	GB20/35/1	
32	Spring Retainer	1	GB20/34/1	
33	Interlock Plate	1	GB20/32/1 GB20/110/1	34044
34	Clevis	2	GB20/29/1	
35	Clevis Pin Split Pin	2	GB20/30/1 GB20/60/1	
36	Sealing Disc	3	GB20/28/1	
37	Selector Fork - 1st and Reverse	1 1 1	GB20/39/1 GB20/111/1 GB20/112/1	13713 34044
38	Selector Fork - 2nd and 3rd	1 1 1	GB20/38/1 GB20/113/1 GB20/114/1	13713 34044
39	Selector Shaft	2	GB20/42/1	
40	Detent Ball	2 2	GB20/41/1 GB20/115/1	13713
41	Spring	2	GB20/40/1	
42	Retaining Plate	1	GB20/45/1	
43	Bolt - Plate to Casing Washer	1 1	GB20/46/1 GB20/104/1	
44	Bolt - Companion Flange to Output Shaft	1	GB20/12/1	
45	Tab Washer	1	GB20/13/1	
46	Washer	1	GB20/14/1	
47	Snap Ring	1	GB20/116/1	
48	Bearing - Output Shaft	1	GB20/15/1	
49	Output Gear	1	GB20/16/1	
50	Spacer	1	GB20/17/1	
51	Second Speed Gear	1	GB20/18/1	
52	Output Shaft	1	GB20/20/1	
53	First Speed Sliding Gear	1	GB20/21/1	
54	Bush	1	GB20/22/1	
55	Input Shaft	1	GB20/23/1	
56	Bearing - Input Shaft	1	GB20/24/1	
57	Snap Ring	1	GB20/25/1	
58	Spacer	1	GB20/26/1	
59	Circlip	2	GB20/27/1	
60	Slotted Nut Split Pin	1 1	GB20/59/1 GB20/60/1	

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