

PARTS MANUAL - SAM FERTILISER SPREADERS (400mm)

MACHINE SIDE-VIEW - DRIVE

REFERENCE	PART NUMBER	DESCRIPTION	QTY.
1*	3103	Wheel & Tyre - 11.5/80 x 15.3 (12ply)	2-4
	3107	Wheel & Tyre - 400/60 X 15.5 (TR Tread)	
	3948	Wheel & Tyre - 550/60 x 22.5 (16ply)	
2	P250	Chain & Sprocket - Drive Housing S/S (see Ground Drive diagram)	1
3	-	Ground Drive - Gear Assembly (see Ground Drive diagram)	1
4	P4697	Belt & Floor Chain Tension Adjusters - Left/Right	2
5	P3022	Front Shaft (Complete) 1.5" - (inc. Sprockets + Spacer Ring)	1
6	0220	Deadeye Bearing 1.5"	2
7	3526	Front Bin Skirt Rubber	1
8	1609	Serial Number Plate	1
9	3796	Hose Kit - D200	1
10	P1402	Jack Stand (70sq) - DG701	1
11*	P3145D	Fixed Tow Hitch (16mm Mounting Plate) - 50mm Donut Eye	1
	P3145	Fixed Tow Hitch (16mm Mounting Plate) - 37mm Ball Eye	
	P3557B	Swivel Tow Hitch (16mm Mounting Plate) - 37mm Ball Eye	
	P3557	Swivel Tow Hitch (16mm Mounting Plate) - 50mm Ball Eye	
	P2102	Swivel Tow Hitch (20mm Mounting Plate) - Ball/No Ball	
12*	-	Hub & Stub	2-4

* Wheel & Tyre, Tow Hitch and Hub & Stub set-up varies depending on machine model, size and year of manufacture. Please include the machine serial number with all parts and servicing enquiries.



MACHINE REAR-VIEW - SPINNER SET-UP

REFERENCE	PART NUMBER	DESCRIPTION	QTY.
1	1018	Danfoss OMP32/8 Hydraulic Motor	2
2*	P3040*	Skirt Pressing (S/S) - (inc. Rubber + Rivets) 2860mm - Left/Right	2
	P4686	Skirt Rubber & Rivet Set - x2 (2.77 x 80mm) + 34 Rivets	2
3*	P0391*	Floor-belt and Chain (Complete)	1
4	P202	Spinner Tube Mounting Frame	1
5	P4726	Deflector + Divider S/S Panel (Complete)	1
6	P2809	Back Door Jack (DT490)	1
7	3793	Hydraulic Flow Control Valve - HCV 2197	1
8	P440	Flexi Coupling CA90 - 25mm/1"	2
9*	3424	UNF Nyloc Nut 1 1/4" & Grubscrew 3/8"	2
10	P20	Spinner Tube - Complete	2
11	P4695	Mollybush Bearing and Housing - Long/Short	2
12	P4664	Back Shaft - 50mm (Complete inc. 5T Sprockets)	1
13*	P620	Spinner Disc 5mm + Vanes (5CR12)	2
14	P621	Spinner Vanes (Long) - Left/Right (5CR12)	2
15	P622	Spinner Vanes (Short) - Left/Right (5CR12)	2

* Floor-Belt and Chain, Skirt Pressings, Couplings and Back/Front Shafts vary depending on machine model, size and year of manufacture. Please include the machine serial number with all parts and servicing enquiries.

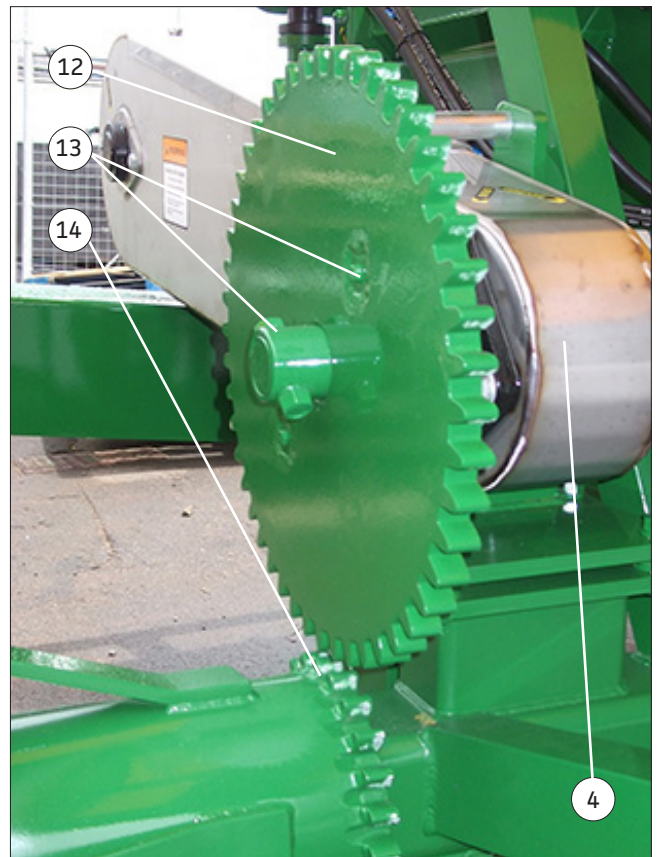
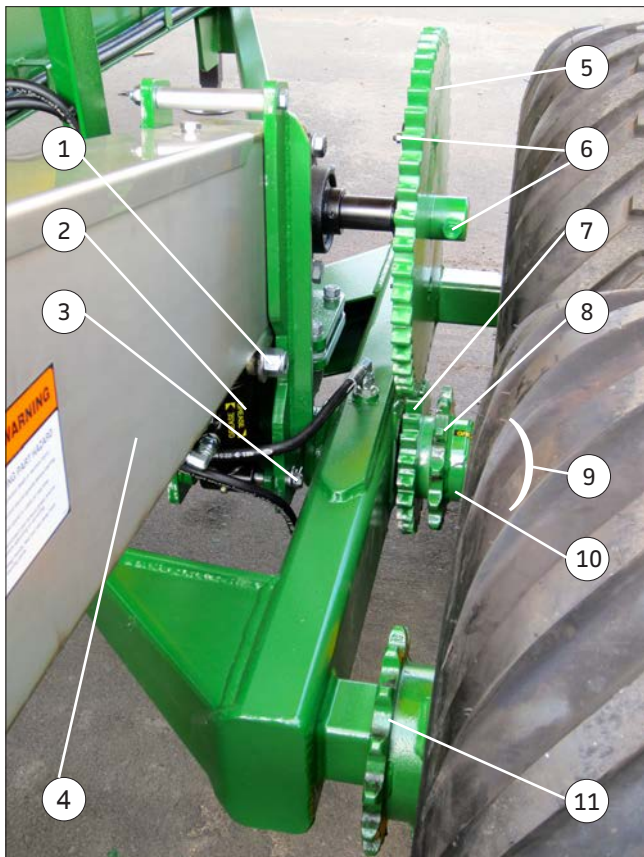


GROUND DRIVE

REFERENCE	PART NUMBER	DESCRIPTION	QTY.
1	4011 & 4012	Bolt 3/4"x5" UNC & Nyloc Nut 3/4" UNC	1
2	4282	Clutch RAM - 2.5" D/A	1
3	P4704	3/4" Stainless Steel Ram Pin & S10 R Clip	1
4 (Enclosed)	P0424	Chain 16B (1" Pitch) - 46 Outer Links + Joiner	1
	3694	Sprocket 30T - 50mm Bore, 1/2" Keyway	1
	P4689	Mollybush Bearings - Gearbox	2
	2824 or 4074	Sprocket 11T or 15T, 1.5" Bore, 3/8" Keyway (3)	1
5 & 12	P4668	Drive Gear 48T - 20mm Bisalloy	1
6 & 13	P1005	Shear Plate Assembly Complete with 1.5" ID Boss	1
7	P4669	Drive Gear 22T - Bisalloy - 100mm Bore - 13D	1
8	2397	Sprocket 12T - 100mm Bore 16mm	1
9	P363	Tandem 22T Gear + Sprocket Idler Assembly - No Shaft	1
10	3575	Hubcap 90mm (70sq) + Grease Nipple	1
11	2396	Sprocket 14T - 5-1/2" Bore (Welded to 125mm BH Pipe)	1
14	P4670	Gear - 22T Bisalloy - 140mm Bore - 13C	1
-	P0433	Chain CA550 - 16 Outer Links + Crank + Joiner	1

TANDEM-AXLE

SINGLE-AXLE



COMMON BEARING SIZES AND DIMENSIONS

BEARING SIZES BY HUB MAKE / MODEL

HUB MAKE / MODEL	HUB SIZE	BEARINGS	SEAL	HUB CAP
ADR Mk2	60sq	30211 / 30208	100 x 57 x10 Mk2	80mm
ADR Mk3	60sq	30211 / 30208	100 x 56 x 10 Mk3	80mm
ADR Mk3	70sq	30213 / 32210	120 x 67 x 10 Mk3	90mm
ADR Braked	70sq Braked	30213 / 32210	120 x 67 Mk1	90mm
ADR Mk3	80sq	32215 / 32212	130 x 77 x10 Mk3	110mm
ADR Mk5	60sq	30211 / 30208	100 x 73 x 13 Mk5	80mm
ADR Mk5	70sq	30213 / 32210	120 x 93 x 13 Mk5	90mm
ADR Mk6	60sq	30211 / 30208	100 x 56 Mk6	82mm - Screw on
ADR Mk6	70sq	30213 / 32210	120 x 67 Mk6	92mm - Screw on
ADR Mk6	80sq	32215 / 32212	130 x 77 Mk6	124mm (+ Cap Screws)
FAD	60sq	30211 / 30208	100 x 70 x 10 100 x 65 x10 100 x 60 x 10	80mm
FAD	70sq	30213 / 30210	120 x 80 x 12	90mm
FAD	80sq	32215 / 32211	130 x 90 x12	100mm
TVS	60sq	30211 / 30208	100 x 80 x12	80mm
TVS	70sq	32213 / 32210	120 x 90 x12	90mm
TVS Braked	70sq & 80sq	Check	Check	90mm & 110mm
TVS	80sq	32215 / 32212	130 x100 x14	110mm
Monroc	60sq	30211 / 30207	105 x 72 x10	73.5mm - Screw on
Monroc	80sq	30215 / 32211	135 x 95 x 14	101.5mm - Screw on

COMMON BEARING SIZES AND DIMENSIONS

BEARING	INTERNAL DIAMETER (ID)	OUTSIDE DIAMETER (OD)	WIDTH
30208	40mm	80mm	19.75mm
30210	50mm	90mm	21.75mm
32210	50mm	90mm	24.75mm
30211	55mm	100mm	22.75mm
32211	55mm	100mm	26.75mm
32212	60mm	110mm	29.75mm
30213	65mm	120mm	24.75mm
32213	65mm	120mm	32.75mm
32215	75mm	130mm	33.25mm
67048 / 010	1.25"	2.328"	0.625"