

Contents

Chassis	5	DCI	39
Cab Chassis	5	Not Fitted	39
Access Platform Left Side & Boom Rest	7		
Right Boom Rest	10	Dual Product	41
Hand Wash Bottle Assembly	11	Not Fitted	41
Tool Box	12		
Bonnet - SN 201000 - SN201481	13	Induction Hopper	43
Bonnet - From SN 201493	14	Hopper Tank	44
Tow Bar	15	Hopper Tank - Bottom	45
Window Washer Bottle & ECU	16	Hopper Frame	46
Pumps	17	Foam Marker Tank	49
Pump - Zeta 260	17	Not Fitted	49
Pump - 260 Hydraulic Drive	18		
Pump - Zeta 170	19	Transcal	51
Pump - 170 MI Hydraulic Drive	20	Not Fitted	51
Hydraulic Fill Pump - G4	21		
Flush Tank	23	Main Tank	53
Rinse Water Tank	23	G3 & G4 Tanks	53
		3000 Litre Tank Assembly	54
RH Pod	25	4000 Litre Tank Assembly	56
Not Fitted	25	Tank Rinse, Elbow	58
		Tank Rinse, Tee	58
LH Pod	27	Supermix Agitator	59
Ez Control Station	27	Dry Sight Tube Float & Guide	60
Hopper, Venturi, Agitator Control	30	Dry Sight Tube Tank Float	61
Fresh Water Fill, Rinse Control	31	Dry Sight Tube Cap & Tube	62
Main Tank Fill, Chem Probe	32	Sight Tube Mount	63
Chem Probe Assembly	33	Venturi Filler	64
Hopper Tee Assembly	34	Hopper Tank Inlet	65
Quick fit valve 2 way	35	Tank Fill Inlet	65
Micro-matic Rinse Socket		Boom Recirculation Inlet	
SN 201000 - SN 201525	36	(RapidFlow only)	66
Micro-matic Rinse Socket		Tank Overflow Outlet	67
SN 201539 on	36	3000L Tank Stops	68
Chemical Probe Hose Lance	37	4000L Tank Stops	68

Wheels & Mudguard	69	Boom Centre Hydraulic Tilt Assembly - Delta	107
Mud Guards - Front Axle - 2m & 3m	69	Boom Cable Adjuster - Delta	108
Mud Guards - Rear Axle - 2m & 3m	70	Oversize Sign Mount - Delta	109
Crop Deflectors - Front Axle	71		
Crop Deflectors - Rear Axle	72	Boom Wing	111
Rear Wheel Mounting	73	Fence Line End Protector	111
Front Wheel Mounting	74	Fence Line End Protector - Quick Fit	112
Tyres And Rims	75	Boom Protector Assembly - Outer	113
		Boom Protector Assembly - Inner	113
Boom Centre	77	Cable Drum - TriTech	114
Boom Centre Hydraulic Tilt Assembly - TriTech	77	Boom Fold Adjuster - TriTech	116
Boom Centre Assembly - TriTech	78	Bi-fold - TriTech	117
Boom Centre Standard Tilt Assembly - TriTech	79	Boom Cables 24-36m	119
Boom Cable Adjuster - RH - TriTech	81	Boom Cable Springs - Suit 30-36m	120
Boom Cable Adjuster - LH - TriTech	82	Lower Bearing Pivot - TriTech	121
Boom Valve Assembly	83	Upper Bearing Pivot - TriTech	122
Boom Valves	84	Steel Inner Wings - TriTech	122
RapidFire Valves	85	Aluminium Outer Wings - TriTech	123
RapidFire 7 Section Solenoid Box	86	Aluminium Break Away Tip	123
RapidFire 10 Section Solenoid Box	87	Three Dimensional Breakaway 2.0	124
RapidFire Solenoid Assembly	88	Breakaway Mechanism	125
Pneumatic Oiler & Dryer	88	Steel Inner Wings - Delta	126
Paralift & Paralift Arms	89	Aluminium Outer Wings - Delta	126
Complete Centre & Paralift - TriTech	90	Aluminium Break Away Tip - Delta	126
Spring Yaw Kit - TriTech	91	Boom Fold Adjuster - Delta	127
Hydraulic Yaw Kit - TriTech	92	Cable Drum - Delta	128
UltraGlide, Raven XT	94	Upper Bearing Pivot - Delta	129
Slant Cylinder, Sensor Assembly, Raven XT	95	Lower Bearing Pivot - Delta	130
Sensor Bracket Assembly, Raven XT	96	Boom Cable Springs - Suit 18-24m	131
Delta Link Locking Plate	97	Boom Cables 12-24m	132
Lower Limit Switch - Raven	97	Touch Down Wheel	133
Manual Grease Station	98	RapidFire Boom Line Plumbing	134
UltraGlide Block & Smart Box Mounting	99	Altek Spray Stop Spare Parts	135
Raven Node - Paralift	100	Boom Line Plumbing	136
UltraGlide Node - Paralift	100	Teejet Single Nozzle Body	137
Centre Level	101	Teejet Turret Nozzle Body	138
Centre Leveling Main Pivot	102	Altek Dual Nozzle Spray Body	139
Oversize Sign Mount - TriTech	103	Dual Nozzle Spray Line	140
Complete Centre & Paralift - Delta	105	Manual Fence Line Nozzle	141
Boom Centre Standard Tilt Assembly - Delta	106	Solenoid Operated Fence Line Nozzle	142
		Adjustable Nozzle Brackets	143
		Pre Packaged Kits	143
		UltraGlide Sensor Mount	144
		Boom Poly Pipe Clamps	144

Electrics **145**

Boom LED Lights	145
Buss Bar & Switch	146
Battery	147
Headlights	148
Cab Lights - Front	149
Fan Clutch Relay	149
Cab Lights - Rear	150
Work Lights	150
Night Pro LED Lights	151
Boom Work Lights	151
Reverse Warning Beeper	152
Horn	152
Cabin Fuse Box	153
Raven (AMP) Electrical Connectors	154
Deutsch Electrical Connectors	156
Electrical Connectors	158
Electrical Harness	160

Schematics **161**

Plumbing Schematic - with Boom Valves	161
Plumbing Schematic - with RapidFire	162
Pneumatic Schematic	163
Hydraulic Schematic - Suit	
Trimble AutoSteer	164
Hydraulic Schematic - General	165
Hydraulic Schematic - Bifold, Diff Lock	166
Hydraulic Schematic - Suit John Deere Steering	167
Hydraulic Schematic - Ultraglide	168
Hydraulic Schematic - Adjustable Axle Steering	169
Hydraulic Schematic - Adjustable Axle	170
Hydraulic Hoses - G Series	171
Hydraulic Schematic - Transmission	174

Decals **175**

Decals	175
Dry Sight Tube Decals	184

Hydraulics **185**

Oil Tank & Frame	185
Oil Tank	187
Dash Panel	188
Return Filter	189

Trimble Auto Steer Manifold	190
John Deere Auto Steer Manifold	191
Steering Orbital	192
Pump Flow Control	193
Pump Flow Control Manifold	194
Priority Valve	195
Hydraulic Return Manifold	195
Boom Lift Accumulator Lockout	196
Yaw Control Valve Assembly	197
Oil Cooler Assembly	198
Hydraulic Cylinder - Boom Tilt	199
Hydraulic Yaw Charge Line	199
Hydraulic Cylinder - Boom Lift	200
Hydraulic Cylinder - Boom Fold LH	201
Hydraulic Cylinder - Boom Fold RH	201
Hydraulic Cylinder - Hydraulic Yaw	202
Hydraulic Cylinder - Bi-Fold	202
Hydraulic Cylinder - Boom Rest	203
Hydraulic Cylinder - Centre Leveling	203
Fill Pump Hydraulic Block	204
Centre Lock Manifold	205
Spool Valve Block Fittings	206
Spool Block Manifold	208
Spool Valve Mounting Assembly	209

Plumbing **211**

Dual Pressure Filter Assembly	211
Suction Filter Assembly	212
Flow Control Valve	213
Check Valve Assembly, Fresh Water Tank	214
Fast Close Valve 1" 3 Way	215
Rapid Flow Valve	216
RapidFire Pressure Flow Distributor RAVEN	217
Flow Meter - Raven Controller	218
Pressure Gauge Drain	219
Elbow - Main Product Line	220
Suction Filter	220
Hose Clamps	221
Cable Ties	221
Hoses	222

Engine & Transmission **223**

Cummins Engine / Allison Transmission	223
Allison Transmission	224

Air Governor	226	Sway Bar Assembly - 2m	278
Air Cleaner	227	Rear Ride Height Valve	279
Exhaust Pipe Work	228	Front Suspension - Torque Rods	280
Charge Air Intake	229	Front Suspension - Shock Absorber	282
Hydraulic Pump Mounting 22/19cc	230	Front Suspension - Air Bag	283
Hydraulic Pump 22/19cc	231	Front Suspension -	
Hydraulic Pumps - Fan / Main 22/19cc	232	Ride Height Adjustment	284
Hydraulic Pump Mounting 22/22cc	233	Drive Shafts & Brackets	285
Hydraulic Pump 22/22cc	234		
Air Conditioner Compressor	235	Cab	287
Air Conditioner Condenser	236	Cab - Assembled	287
Coolant System Plumbing	237	Cab - Fuse Box Mounting	288
Combi Cooler	238	Cab - Fuse Box Lid	289
Combi Cooler Mounting	239	Cab - Engine Monitor	290
Fan with Clutch	240	Cab - Seat Mounting	290
Fan without Clutch	241	Cab - Brake Pedal	291
Header Tank	242	Brake Valve Assembly	292
Engine Mounts	243	Cab - Throttle Pedal	293
Miscellaneous Components	244	Cab - Park Brake	293
Fuel Tank	245	Park Brake Lever Assembly	294
Fuel Filters	246	Cab - Training Seat	295
Fuel Filter - Primary	247	Cab - Steering Orbital	296
Fuel Filter - Secondary	248	Cab - Steering Column	296
Exhaust - Standard	249	Cab - Fuel Gauge	297
		Seat & Console	298
Drive Line & Differential	251	Side Console - Raven	299
Rear Axle	252	Switch Panel Assembly 1 - Raven	300
Rear Axle - Drop legs 2m & 3m	253	Switch Panel Assembly 2 - Raven	301
Rear Axle - Differential 2m & 3m	254	Switch Panel Assembly 3 - Raven	302
Rear Axle - Axle Drive Shafts 3m	255	Cabin Isolators	303
Rear Axle - Axle Drive Shafts 2m	256	Rotating Beacon	304
Drop Leg - Rear	257	Roof Mount AutoSteer	305
Planet Hub Assembly	259	EuroCab Spare Parts	306
JCB Planet Hub	260		
Front Axle & Drop Legs	261	Brakes	307
Front Axle & Drop Legs - 3m	262	Pneumatic Storage Tanks	307
Front Axle - 3m	263	Pneumatic Tank 1	308
Front Axle & Drop Legs - 2.4m	264	Pneumatic Tank 2	309
Front Axle & Drop Legs - 2m	266	Pneumatic Manifold Mounting	310
Stub Axle - 90 Series	268	Pneumatic Manifold	311
Rear Adjustable Axle 2-3m	269	Brake Boosters	312
Front Adjustable Axle 2-3m	271	Brake Booster Orientation	313
Front Adjustable Axle		Brakes - Rear	314
Drop Legs - 2-3m	273	Brake - Rear Caliper	315
Rear Suspension	275	Brakes - Front	316
Sway Bar Assembly - 3m	277		