

Contents

CHASSIS	5	Foam Marker Compressor	39
H Frame - 4/5/6500lt	5	Foam Marker Solenoids	40
H Frame - 7/8500lt	7	Foam Marker Exhaust Valve Assembly	41
Front Steps	9	Foam Marker Compressor Assembly	42
Hand Rails - 4/5/6500lt models	10	Rapid Flow Compressor Assembly	43
Hand Rails - 7500/8500lt models	11	Rapid Flow Compressor	44
Hand rail gauge assembly	12	Intake Manifold - Airbag Only	44
Gauge - Air & spray assembly	13	Intake Manifold - Airbag & Foam	45
Gauge - Air & 2 x spray assembly	14	Intake Manifold - Foam Only	46
Pull - 4/5/6500lt models	15	Airbag Compressor	47
Pull - 7500/8500lt models	17	Foam Marker Compressor	48
		Fill Pump Spool	50
PUMPS	19	LEFT HAND POD	51
Pump - Zeta 260 PTO Shaft drive	19	Prairie Evolution Left Hand Pod	51
Pump - Zeta 260 MI Hydraulic Drive	20	Pod cover door	57
Pump - Zeta 260 Pump Breakdown	21	Suction Filter	58
Pump - Zeta 300 MI Hydraulic Drive	22	Chem Probe	59
Pump - Zeta 300 PTO Pump Breakdown	23	Transcal Tap	60
Pump - Zeta 300 Hydraulic Pump		Wash Down Gun	60
Breakdown	24	Fresh Water Filter Manifold	61
Hydraulic hose assembly kit	25	Pressure Control Assembly	61
Hydraulic drive conversion kit	26	Fresh Water Fill Tap	62
Pressure Flow Compensator	27	Pressure Gauge	62
		Non Return Valve - Tank Rinse	63
FLUSH TANK	29	Non Return Valve - Fresh Water	64
400lt Belly Tank	29	Wash Down Gun Valve	64
400lt Belly Tank Frame	30	Pod Light Assembly	65
		Fill Manifold Sub Assembly	66
RIGHT HAND POD	31	Foam Marker Fill Tap	67
Prairie Evolution Right Hand Pod	31	Transcal Fill Tap	67
Right Hand Side Module -		4 Way Valve	68
Internal Components	32	Foam Marker Fill Tap	69
Right Hand Side Module -		Fill Filter	69
Internal Components	33	3" Fill Pump	70
Right Hand Pod Door	34	3" Fill Pump Outlet	71
Airbag Compressor Assembly	35	3" Fill Pump inlet	72
Airbag Compressor	36	Flow Control Assembly	73
Pressure Switch	37	Fast Close Valve	74
Airbag & Foam Compressor Assembly	38	Flow Control Safety Valve	75

Fill Flow Meter	76
Fill Flow Meter Monitor	76
PH6 Pump Mounting Kit	77
Chemical Probe	78
Enviro coupling & hose	78
2" Fill Point	79

DCI 81

Direct Chemical Injection POD	81
Third DCI unit Assembly	83
Direct Injection Tanks	84
Chemical Probe	85
Enviro coupling & hose	85
Cover Plate Assembly	86
Injection Pump	87
Panel Alignment Strip	89
Vacuum gauge	89
Valve sub assembly	90
Chemical pump suction valve	91
Chemical tank vacuum valve	93
Tank rinse ball valve	94
Tank vent ball valve	95
Chemical probe coupling ball valve	96
DCI bottle	97
Fill shut off assembly	98
Rinse Nozzle & Cap	98
Mixing Chamber	99
Bulk DCI 600lt module	100
Bulk DCI 600lt	102
Batch Mate Module	103
Direct Draw DCI Reserve Tank	105
4 way tap assembly	107
DCI Direct Draw Assembly	108
Winch Mount Assembly	110

DUAL PRODUCT 111

Ramsay Valve Assembly	111
Dual Product and DCI Mixer	112
Dual Pressure Filters	113
Dual Product Manifold	114
Twin Solenoid Assembly	115

INDUCTION HOPPER 117

Hopper Tank	117
Hopper Tank - Bottom	118
Hopper Frame	119

FOAM MARKER TANK 121

100 Litre Foam Marker Tank	121
Foam Concentrate Bottle	122
Foam Generator	123
Foam Generator Mounting	123
Foam Accumulator Assembly	124
Filter and Ball Valve	124
Foam Marker Filter	125

TRANSCAL 127

Transcal Bottle	127
Rinse Nozzle & Cap	128
Enviro coupling & hose	129

MAIN TANK 131

4/5000 litre tank assembly	131
6500 litre tank assembly	133
75/8500 litre tank assembly	135
Tank Flush Elbow	136
Tank Rinse Tee	137
Supermix Agitator	137
Dry Sight Tube Kit	138
Sight Tube Locating Cap	139
Dry Sight Tube Float	139
Dry Sight Tube Kit	140
Venturi Filler	141
Hopper Tank Inlet	142
2" Tank Fill	142
Remote Drain 4/5/6500lt	143
Remote Drain 75/8500lt	144
Sump Drain Tap	145
Tank Stops	145
Tank Straps & Brackets	146

WHEELS, AXLES & MUDGUARDS 147

Air Bag Axle 4/5/6500lt	147
Air Bag Axle	148
Air Bag Axle 75/8500lt	149
Mudguards	151
Rigid Axle	153
Wheel Speed Sensor	154
Wheels	155
Brake Components	156
Braked Axle Assembly	157
Steering Axle Assembly	158
Hub - 90 Series	160

Hub - I10 Series Braked 161

BOOM CENTRE 163

Boom Centre Assembly 163
Cable Mount - Rear LH 165
Cable Mount - Rear RH 166
Boom Valve Assembly 167
Boom Valves 168
Rapid Fire Valves 169
Boom Recirc Return To Tank Valve 170
Flow Meter Assembly 171
RapidFire Solenoid Box 172
RapidFire 10 Section Solenoid Box 173
Rapid Fire Solenoid Valves 174
Single Solenoid Valve 174
Centre With Tilt Replacement Links 175
Centre With Tilt Cylinders 175
Paralift & Paralift Arms 176
Complete Centre & Paralift 177
Lower Limit Switch 178
Delta Link Locking Plate 179
Remote Manual Grease Station 180
UltraGlide Block & Smart Box Mounting 181
Raven Node - Paralift 182
UltraGlide Node - Paralift 182
Centre Level 183
Centre Leveling Main Pivot 184
Centre Section - 42m Boom
Specific Components 185
Centre Section - 42m Boom
Specific Components 186
42m Yaw Accumulator Assembly - LH 186
42m Yaw Accumulator Assembly - RH 187
Boom Pivots - Suit 42m Boom 188
Spring Yaw Kit 189
Hydraulic Yaw Kit - Suit Spool Valves 190
Hydraulic Yaw Kit 191
Hydraulic Yaw Kit - Non Spool Valves 192
Oversize Sign Mount 194
Oversize Sign Mount - TriTech 195

BOOMWING 197

Fence Line End Protector - Standard 197
Fence Line End Protector - Quick Fit 198
Boom Protector Assembly - Outer 199
Boom Protector Assembly - Inner 199

Cable Drum 200
Cable Drum - 42m Boom 202
Mid Wing - 42m Boom 203
Bi-Fold 204
Bi-Fold - 42m Boom 206
Boom Fold Adjuster 207
Dual Ram Fold Adjuster - 42m 208
Boom Cables 209
Boom Cable Spring - Suit 24m 209
Boom Cable Spring - Suit 28-30m 210
Boom Cable Springs - Suit 33 & 36m 210
Lower Bearing Pivot 211
Upper Bearing Pivot 211
Steel Inner Wings 212
Aluminium Outer Wings 212
Aluminium Break Away Tip 213
Three Dimensional Breakaway 2.0 214
GA4906305-I Breakaway Mechanism 215
Touch Down Wheel 216
RapidFire Boom Line Plumbing 217
Boom Line Plumbing 218
Teejet Single Nozzle Body 219
Altek Spray Stop Spare Parts 220
Altek Dual Nozzle Body 221
Teejet Turret Nozzle Body 222
Manual Fence Line Nozzle 223
Solenoid Operated Fence Line Nozzle 224
Adjustable Nozzle Brackets 225
Pre Packaged Kits 225
UltraGlide Sensor Mount 226
Boom Poly Pipe Clamps 226
600mm Boom Poly 227
1100mm Boom Poly 227
1200mm Boom Poly 227
1600mm Boom Poly 228
2100mm Boom Poly 228
2600mm Boom Poly 229
3100mm Boom Poly 229

ELECTRICS 231

Boom LED Lights 231
Lights 232
Electrical Components 232
Raven (AMP) Electrical Connectors 233
Electrical Connectors 235
Deutsch Electrical Connectors 237

Boom Lights Mount	240
Console Mounting Kit	241
Control Boxes	242

SCHEMATICS 243

Fresh Water Delivery	243
Pressure Schematic	244
RapidFlow Schematic	245
Transcal Schematic	246
DCI Schematic	247
Pneumatic Layout Airbag with RapidFire	249
Pneumatic Layout Airbag-Foam Marker	250
Electrical Layout - Overview	251
Hydraulic schematic - No spool valves	258
Hydraulic schematic - with spool valves closed centre	259
Hydraulic schematic - with spool valves open centre	260

DECALS 261

HYDRAULICS 271

Spool Block with Fittings	271
Spool Valve Mounting Assembly	272
Manifold Assembly	273
Boom Lower Solenoid	274
Bi-Fold Hydraulic Stack	275
Smart Steer Hydraulic Stack	275
Fill Pump Hydraulic Manifold Assembly	276
Bi-Fold Check Valve	277
Load Sense Turbo Valve	278
Quick Release Couplings	279
Hydraulic Hoses	279
Hose ID Tags	280
Hydraulic O-Rings and Retaining Washers	280
Hydraulic Cylinder - Boom Lift - Standard	281
Hydraulic Cylinder - Boom Lift - Suit 42m	281
Hydraulic Cylinder - Boom Tilt	282
Hydraulic Cylinder - Boom Fold RH	283
Hydraulic Cylinder - Boom Fold LH	284
Hydraulic Cylinder - Centre Leveling	285
Hydraulic Cylinder - Bi-Fold	286

Hydraulic Cylinder - Yaw	287
Yaw Control Valve Assembly	288
Hydraulic Yaw Charge Line	288
Raw Hide & Spiral Guard	289

FILTRATION & HOSE 291

3/4" BSP Filter with 200 mesh screen	291
Pressure Filter Assembly	292
2" Fill Filter with 120 mesh screen	293
In Line Boom Filter	294
2" Suction Filter	295
Air Filter	296
Hose Clamps	296
Cable Ties	296
Hoses	297
Suction Hose	297
Pressure Hose	297
PVC Hose	297
Sight Tube Hose	297
Lay Flat Hose	297