



# **MICRO-TRAK<sup>®</sup>**

**INNOVATIVE FROM THE GROUND UP**

**ISOMOD™ - ISOBUS SOLUTIONS  
BLOCKAGE MONITORS  
MANUAL CONTROLLERS  
DIRECTCONNECT™ KITS  
SPEED, AREA, & DISTANCE MONITORS  
GPS SPEED SENSORS  
RATE MONITORS  
AUTO & MANUAL RATE CONTROLLERS  
FLOWMETERS  
SERVO VALVES  
HYDRAULIC FLOW CONTROL VALVES  
ELECTRIC PUMP CONTROLLERS  
NH3 HEAT EXCHANGERS  
SEED RATE CONTROLLERS**

**2021  
RETAIL PRICING**



# MICRO-TRAK®

INNOVATIVE FROM THE GROUND UP

**TOLL-FREE SALES AND SERVICE - U.S.A. AND CANADA**  
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**Pricing Effective: Jan. 1, 2021**

All pricing and specifications subject to change without notice.

All prices shown in U.S. dollars.

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### **Disclaimers:**

#### **Non-Cancelable / Non Returnable Parts:**

Items designated with the asterisk \* sign in the product description are non-cancelable and non-returnable parts ("NCNR"). NCNR Parts are considered "Special Order" and may have longer than usual lead times. Orders for NCNR items cannot be canceled or returned for any reason other than the applicable warranty.

#### **Net Price Only Items:**

Items designated as "Net Price Only" will be billed at the shown price - not subject to discount. Net Price Only is noted in the section description where applicable, and by "net" designation next to price.

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Micro-Trak pricing and product specifications are subject to change without notice. Reference copies of current Retail Pricing are available in the **Reseller** area of the Micro-Trak website - located in the Resources menu.

[micro-trak.com/resources/reseller-area](http://micro-trak.com/resources/reseller-area)

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### Abbreviation Key:

MP = Metri-Pack

WP = Weather Pack

LF = low flow

SS = stainless steel

GFN = glass filled nylon

PP = polypropylene

HDPE = high-density polyethylene

FKM = fluoroelastomer

## SYSTEMS

**Monitors****Calc-An-Acre****Speed, Area, Distance and RPM Monitor**

01000	Calc-An-Acre II with magnetic wheel sensor _____	476.00
01001	Calc-An-Acre II (select speed sensor) _____	411.00

See Accessories for Speed, Run/Hold and RPM Options

**Flow-Trak****Sprayer Monitor**

01020	Flow-Trak II with FM750 GFN flowmeter and magnetic wheel sensor _____	1,303.00
01170	Flow-Trak II with FM750 GFN flowmeter - select speed sensor _____	1,116.00
01021	Flow-Trak II Customized (select speed sensor and flowmeter Kits) _____	711.00

See Accessories for Speed, Run/Hold and Flowmeter Options

**FlowMate****Flow Monitor**

01740	FlowMate Flow Monitor with FM750 GFN LF _____	902.00
01741	FlowMate Flow Monitor with FM750 GFN _____	808.00
01739	FlowMate Flow Monitor Customized (select flowmeter Kit) _____	406.00

See Accessories for Flowmeter Options

**Shaft-Trak****Shaft Monitor**

Shaft-Trak Low RPM (5 RPM with 1 Magnet) Recommended for Drill applications

01463	Shaft-Trak Low RPM with 0 sensor Kits _____	545.00
01464	Shaft-Trak Low RPM with 1 sensor Kits _____	607.00
01465	Shaft-Trak Low RPM with 2 sensor Kits _____	696.00
01466	Shaft-Trak Low RPM with 3 sensor Kits _____	734.00
01467	Shaft-Trak Low RPM with 4 sensor Kits _____	793.00
01468	Shaft-Trak Low RPM with 5 sensor Kits _____	857.00
01469	Shaft-Trak Low RPM with 6 sensor Kits _____	917.00

Shaft-Trak Standard (45 RPM with 1 Magnet)

01323	Shaft-Trak without sensors _____	545.00
01330	Shaft-Trak with 1 shaft sensor _____	607.00
01331	Shaft-Trak with 2 shaft sensors _____	696.00
01332	Shaft-Trak with 3 shaft sensors _____	734.00
01333	Shaft-Trak with 4 shaft sensors _____	793.00
01334	Shaft-Trak with 5 shaft sensors _____	857.00
01335	Shaft-Trak with 6 shaft sensors _____	917.00

See Accessories for Bin Level and RPM Sensor Kits

**Sod Pro II****Sod Cutting Monitor**

01404	Sod-Pro II Customized (select speed sensor) _____	642.00
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See Accessories for Speed, Run/Hold and RPM Sensor Options

**Manual Controllers****MC-10 Manual Controller (10 amp)**

01067	MC-10 Manual Controller Kit _____	252.00
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**MC-25 Manual Controller (25 amp)**

01068	MC-25 Manual Controller Kit _____	480.00
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See Accessories for Optional Run/Hold Kits

**Batch Controller****Flo-Pro****Dual Channel Liquid Batch Controller**

02016	Flo-Pro Customized, includes 10' Branch Harness, 10' Power cable _____	962.00
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See Accessories for Optional Flowmeter and Relay Kits

## Blockage Monitors

### SafeGuard ISOmod

02000 SafeGuard ISOmod Kit w/Amphenol \_\_\_\_\_ 1,090.00

See Accessories for ISOBUS Wiring, Tap Cables & Run/Hold Kits

### SafeGuard Console

01999 SafeGuard Console Kit w/Amphenol \_\_\_\_\_ 942.00

### SafeGuard Sensor Kits

01994 Liquid Blockage Sensor (PVC) Kit w/Short Leads - Amphenol \_\_\_\_\_ 139.00

01995 Liquid Blockage Sensor (PVC) Kit w/Long Leads - Amphenol \_\_\_\_\_ 160.00

01997 Fumigant Blockage Sensor (Trogamid) Kit w/Long Leads - Amphenol \_\_\_\_\_ 86.00

### Sensor Cartridges (All Cartridges are Net Price Only)

18687 SafeGuard Cartridge, PINK, PP \_\_\_\_\_ net 3.21

18688 SafeGuard Cartridge, ORANGE, HDPE \_\_\_\_\_ net 3.21

18511 SafeGuard Cartridge, GREEN, HDPE \_\_\_\_\_ net 3.21

18689 SafeGuard Cartridge, YELLOW, HDPE \_\_\_\_\_ net 3.21

18691 SafeGuard Cartridge, BLUE, HDPE \_\_\_\_\_ net 3.21

18692 SafeGuard Cartridge, RED, HDPE \_\_\_\_\_ net 6.80

18693 SafeGuard Cartridge, BROWN, HDPE \_\_\_\_\_ net 5.39

18694 SafeGuard Cartridge, GREY, HDPE \_\_\_\_\_ net 5.39

18695 SafeGuard Cartridge, WHITE, HDPE \_\_\_\_\_ net 8.37

19060 SafeGuard Cartridge, BLACK, HDPE (high range, fumigant compatible) \_\_\_\_\_ net 3.21

19928 SafeGuard Cartridge, BLACK w/range extender, (low range, fumigant compatible) \_\_\_\_\_ net 9.26

### Sensor Fittings

18489 Plug, PP, no threads with FKM (Viton® type) O-ring \_\_\_\_\_ 5.66

18515 Plug, PP, 1/4" FPT with FKM (Viton® type) O-ring \_\_\_\_\_ 5.66

18516 Plug, PP, 3/8" FPT with FKM (Viton® type) O-ring \_\_\_\_\_ 5.66

18517 Plug, PP, 3/4" FPT with FKM (Viton® type) O-ring \_\_\_\_\_ 5.66

18622 Plug, PP, 3/4" straight hose barb with FKM (Viton® type) O-ring \_\_\_\_\_ 5.66

18623 Plug, PP, 1" straight hose barb with FKM (Viton® type) O-ring \_\_\_\_\_ 5.66

18624 Plug, PP, 3/8" hose barb with 90° elbow with FKM (Viton® type) O-ring \_\_\_\_\_ 5.66

18625 Plug, PP, 1/2" hose barb with 90° elbow with FKM (Viton® type) O-ring \_\_\_\_\_ 5.66

18626 Plug, PP, 1/4" John Guest with 90° elbow with FKM (Viton® type) O-ring \_\_\_\_\_ 12.51

18670 Plug, PP, 5/16" John Guest with 90° elbow with FKM (Viton® type) O-ring \_\_\_\_\_ 13.65

18627 Plug, PP, 3/8" John Guest with 90° elbow with FKM (Viton® type) O-ring \_\_\_\_\_ 12.80

18488 Cap, PP, no threads with stainless steel U-clip \_\_\_\_\_ 5.66

18524 Cap, PP, 3/4" FPT with stainless steel U-clip \_\_\_\_\_ 5.66

18620 Cap, PP, 3/4" straight hose barb with stainless steel U-clip \_\_\_\_\_ 5.66

18621 Cap, PP, 1" straight hose barb with stainless steel U-clip \_\_\_\_\_ 5.66

18493 Tee, PVC, with FKM (Viton® type) O-ring & stainless steel U-clips \_\_\_\_\_ 14.16

19017 Tee, PP, FKM (Viton® type) O-ring & SS U-clips (Fumigant Compatible) \_\_\_\_\_ 14.16

### Implement Switch Options

18541 Run/Hold Sensor Kit, Whisker Switch with Magnetic Mount and 10' Extension Cable \_\_\_\_\_ 284.71

19625 SafeGuard Implement Switch Module w/Long Amphenol \_\_\_\_\_ 239.58

01998 Run/Hold Sensor Kit, Whisker Switch with Mag. Mount, Includes 18541 and 19625 \_\_\_\_\_ 367.99

See the Extension Cables Section for sensor extension options

## Automatic Rate Controllers

### Complete Automatic Rate Controller Kits

01224	MT-2405 F II with FM750 GFN flowmeter, 1" servo valve, magnetic wheel sensor _____	1,557.00
01196	SprayMate II Starter Fertilizer Kit with FM750 LF, 40-amp EMD, - select speed sensor _____	1,919.00
01974	SprayMate II Starter Fertilizer Kit with FM750LF, 40-amp EMD, Astro II GPS Speed _____	2,317.00
01188	SprayMate II Starter Fertilizer Kit, with FM500, 40-amp EMD, - select speed sensor _____	1,827.00
01973	SprayMate II Starter Fertilizer Kit, FM500, 40-amp EMD, Astro II GPS Speed Sensor _____	2,225.00
01171	SprayMate II with FM750 GFN flowmeter, 1" servo valve - select speed sensor _____	1,560.00
01340	SprayMate II with FM750 GFN flowmeter, 1" servo valve, magnetic wheel sensor _____	1,750.00
01972	SprayMate II with FM750 GFN flowmeter, 1" servo valve, Astro II GPS Speed Sensor _____	1,958.00
01866	SprayMate Plus with FM 750 GFN & 1" servo (select speed sensor) _____	1,951.00
01352	SprayMate Plus Complete wFM750 GFN, 1" Servo-& Magnetic Speed Sensor _____	2,136.00
01975	SprayMate Plus with FM 750 GFN flowmeter, 1" servo valve, Astro II GPS Speed Sensor _____	2,351.00
01883	RateKing Plus 5 Section with FM750 GFN & 1" servo (select speed sensor) _____	2,187.00
01882	RateKing Plus 5 Section with FM750 GFN & 1" servo, magnetic wheel sensor _____	2,378.00
01976	RateKing Plus 5 Section with FM750 GFN & 1" servo, Astro II GPS Speed Sensor _____	2,584.00
01894	RateKing Plus 7 Section with FM750 GFN & 1" servo (select speed sensor) _____	2,461.00
01895	RateKing Plus 7 Section with FM750 GFN & 1" servo, magnetic wheel sensor _____	2,649.00
01977	RateKing Plus 7 Section with FM750 GFN & 1" servo, Astro II GPS Speed Sensor _____	2,859.00

See Accessories for Optional Speed & Run/Hold Kits

### Customized Automatic Rate Controller Kits

01144	MT-NH3 II Console Kit for NH3 (Requires Liquifier Kit) _____	1,190.00
01226	MT-2405 F II Customized (use with existing section switches) _____	659.00
01341	SprayMate II Customized (3 section switches) _____	835.00
01349	SprayMate Plus Customized (3 section switches) _____	1,221.00
01878	RateKing Plus 3 Section Customized _____	1,461.00
01881	RateKing Plus 5 Section Customized _____	1,461.00
01893	RateKing Plus 7 Section Customized _____	1,731.00
01909	RateKing Dual Plus 3 Section Customized (Includes channel 1 & channel 2 harnesses) _____	2,494.00
01899	RateKing Dual Plus 5 section Customized (Includes channel 1 & channel 2 harnesses) _____	2,494.00
01910	RateKing Dual Plus 7 Section Customized (Includes channel 1 & channel 2 harnesses) _____	2,870.00
02026	SprayMate Plus Controller w/Raven 440 Adapter Cable w/CPC Female Connector _____	1,127.00
02038	SprayMate Plus w/Raven 440 Adapter Cable w/CPC Male (old style) Connector _____	1,127.00

See Accessories for Optional Speed, Flowmeter, Control Valve & Run/Hold Kits

### Plus Series Controller Options

18764	Pressure Sensor Harness Kit, Single Sensor (Plus Series Controllers) _____	115.97
18765	Pressure Sensor Harness Kit, Dual Sensor (RateKing Dual only) _____	216.33
01781	Parallel Boom "Y" Cable Kit for RateKing Dual - 5 Section _____	376.54
16032	Parallel Boom "Y" Cable Kit for RateKing Dual - 7 Section _____	444.00
<b>(If ordering the 16032 Kit - add one of the following Section Branch Harnesses:)</b>		
18872	Section Branch Harness, 3 Section WPT-PGS, 10' _____	193.51
18819	Section Branch Harness, 5 Section WPT-PGS, 10' _____	221.66
18820	Section Branch Harness, 7 Section WPT-PGS, 10' _____	253.77

See Accessories for Optional Speed, Flowmeter, Control Valve & Run/Hold Kits

### Dual ISOMod Product Rate Controller Kits

01845	Dual ISOMod Kit, Single Product Rate Control (includes power cable & ch. 1 cable) _____	1,711.00
02034	Dual ISOMod Kit, Single Product Rate Control (w/o pwr cable, includes ch. 1 cable) _____	1,499.00
01993	Dual ISOMod Kit, Dual Product Rate Control (includes power cable & ch. 1 & 2 cables) _____	1,925.00
02035	Dual ISOMod Kit, Dual Product Rate Control (w/o pwr cable includes ch. 1 & 2 cables) _____	1,709.00

### ISOMod Section Branch Cables

19669	Section Branch Harness, 6 Section WPT-PGS, 10' _____	255.00
19670	Section Branch Harness, 12 Section WPT-PGS, 10' _____	465.00
16013	Dual ISOMOD 6-section ZV (zipvalve) Branch Cable, 10' _____	322.00
16014	Dual ISOMOD 12-section ZV (zipvalve) Branch Cable, 10' _____	602.00
15871	Parallel Boom "Y" Cable for Dual ISOMod _____	139.17

**(If ordering the 15871 kit, 2 of the 16013 or 16014 cables are required for a parallel boom configuration)**

See Accessories for Optional Speed, Flowmeter, Control Valve, ISOBUS Tap Cables & Run/Hold Kits

## Orchard/Vineyard Rate Controller Kits

02027	SprayMate XRS™ Customized (2 section switches)	1,533.00
02021	RateKing XRS™ Customized (4 section switches)	2,133.00

See Accessories for Optional Speed, Flowmeter, Control Valve & Run/Hold Kits

## Granular Fertilizer Rate Control Systems

01402	GSC-1000 Customized (standard control)	1,251.00
01403	GSC-1000 Customized (PWM control)	1,251.00

See Accessories for Optional Speed, RPM Sensors & Hydraulic Flow Control Kits

## Anti-Icing Control Systems

01590	RoadMaster Customized (standard control)	1,601.00
01591	RoadMaster Customized (PWM control)	1,601.00

See Accessories for Optional Speed, Flowmeter, Control Valve & Run/Hold Kits

## Planting & Seeding

### ProPlant Seed Rate Controller

01204	ProPlant Console Kit	1,542.00
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### Harness Kits (DRAWN kits contain 25' extension cables)

01200	ProPlant Single Section Mounted Harness Kit	152.00
01202	ProPlant Multiple Drive Mounted Harness Kit	221.00
01201	ProPlant Single Section Drawn Harness Kit	359.00
01203	ProPlant Multiple Drive Drawn Harness Kit	431.00

Select 1 Primary and as Many Secondary Drive Assemblies as needed from Below

### Primary Drive (Select One)

01209	4.9 CID #40 3/4" Hydraulic Drive Kit, Primary	3,107.00
01211	4.9 CID #40 7/8" Hydraulic Drive Kit, Primary	3,107.00

### Secondary Drive (Select Qty. Required for Multi-Section Systems)

01210	4.9 CID #40 3/4" Hydraulic Drive Kit, Secondary	3,107.00
01212	4.9 CID #40 7/8" Hydraulic Drive Kit, Secondary	3,107.00

See Accessories for Optional Speed, Hydraulic Control Valve & Run/Hold Kits

### DrillMaster

01682	DrillMaster Console Kit	1,120.00
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### Harness Kits (DRAWN kits contain 25' extension cables)

01680	DrillMaster Mounted 1-Section Harness Kit	150.00
01691	DrillMaster Drawn 2-Section Kit	839.00
01684	DrillMaster Drawn 3-Section Kit	936.00

Select 1 Primary and as Many Secondary Drive Assemblies as needed from Below

### Primary Drive (Select One)

01685	4.9 CID #40 DM Hydraulic Drive Kit, Primary	2,202.00
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### Secondary Drive (Select Qty. Required for Multi-Section Systems)

01707	4.9 CID #40 DM Hydraulic Drive Kit, Secondary	2,202.00
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See Accessories for Optional Speed, Hydraulic Control Valve & Run/Hold Kits



## NH3 Application

### Liquifier kits

(Liquifier kits come with one master shutoff valve, additional valves may be added)

01815	Liquifier Junior Ultra-Low Rate NH3 Kit - 600-2800 lbs. (272-1270 kg) NH3/hour	3,934.00
01816	Liquifier Junior NH3 Kit - 1000-6000 lbs. (453-2722 kg) NH3/hour	3,934.00
01817	Liquifier NH3 Kit - 1500-12000 lbs. (680-5443 kg) NH3/hour	5,249.00
01818	Liquifier Max Kit - 3100-21000 lbs. (1406-9525 kg) NH3/hour	11,652.00
17972	KZ NH3 Shutoff Valve, 1"	1,109.55

(When P/N 17972 is ordered for section control, the net price per valve is \$444.00)

### NH3 Plumbing Panel Retrofit kits

Includes Strainer (2 for MAX), cooler (2 for MAX), y-pipe (MAX), vapor tubes and hoses, mount bracket and hardware.

Note: flowmeter, control valve or shutoff valves are not included.

01772	Liquifier Cooler Retro Kit	2,524.00
01775	Liquifier Max Cooler Retro Kit	6,442.00

## DirectConnect Kits

### Liquid

#### John Deere

01828	GreenStar Rate Controller DirectConnect Single Section Harness Kit (37-pin AMP CPC)	576.00
01829	GreenStar Rate Controller DirectConnect 1-6 Section Harness Kit	783.00
01830	GreenStar Rate Controller DirectConnect 1-10 Section Harness Kit	963.00
18458	GreenStar Rate Controller DirectConnect Master/Relief/Agitation cable	199.00

#### Trimble

17627	DirectConnect Trimble EZ boom 2010, 1-7 Section Harness Kit	838.00
18328	DirectConnect Trimble Field IQ Single Section Harness, 7'	330.00
18349	DirectConnect Trimble Field IQ 1-6 Section Harness Liquid, 7'	563.00
18350	*DirectConnect Trimble Field IQ, 1-12 Section Harness Kit Liquid, 7'	722.00

#### Raven

17628	Raven 440/450 Harness Kit for Liquid	838.00
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#### AgLeader

01651	AgLeader DirectCommand Kit for Liquid	392.00
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#### Case

18294	Case Pro 600/700 10' Liquid Fertilizer Cable	209.00
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See Accessories for Optional Speed, Flowmeter, Control Valve & Run/Hold Kits

## NH3

Note: the following kits are harnesses only - choose NH3 Liquifier kit above.

#### John Deere

01828	GreenStar Rate Controller DirectConnect Single Section Kit (37-pin AMP CPC)	576.00
01829	GreenStar Rate Controller DirectConnect 1-6 Section Harness Kit	783.00
01830	GreenStar Rate Controller DirectConnect 1-10 Section Harness Kit	963.00
18458	GreenStar Rate Controller DirectConnect Master/Relief/Agitation cable	199.00

#### Trimble

18328	DirectConnect Trimble Field IQ Single Section Harness, 7'	330.00
19721	DirectConnect Trimble Field IQ 1-6 Section Harness NH3, 7'	667.00

#### Raven

01596	Raven 440/450 Single Section NH3 Harness Kit	580.00
01597	Raven 440/450 Five Section NH3 Harness Kit	798.00

#### AgLeader

01586	AgLeader DirectCommand Single Section NH3 Harness Kit	600.00
01587	AgLeader DirectCommand Five Section NH3 Harness Kit	1,193.00

## Direct Connect Auto Section Control Adapters

### TeeJet Centerline 230BP and BoomPilot

17891	T-Adapter, TeeJet 230 BP/BoomPilot	416.00
19727	TeeJet ASC Adapter Cable RateKing	416.00



# ACCESSORIES

## Speed Sensors

### Speed Sensors for Micro-Trak's Current Line of Products

01410	Astro II GPS with 3-pin MP (1 Hz)	399.00
01425	Astro 5 GPS with 3-pin MP (5 Hz)	537.00
01437	Astro 5 with 3-pin Metri-Pak & GPS output - For use with Trak-Record II	573.00
01526	Vansco Radar Speed Sensor with Gen. II adapter Cable	980.00
01530	Wheel Speed Sensor Kit, Hall-effect Magnetic (10' Ext. cable, mnt brckt and 4 magnets)	192.00
01531	Wheel Speed Sensor Kit, Hall-effect Magnetic (15' Ext. cable, mnt brckt and 4 magnets)	209.00
01533	Wheel Speed Sensor Kit, Hall-effect Magnetic (with mount bracket and 4 magnets)	105.00
01554	RPM Sensor Kit, Proximity or Gear Tooth Type Sensor, with Mnt Brckt and 15' Ext Cbl	301.00

## Flowmeters

### Turbine Type Flowmeter Kits

01984	FM250 P Flowmeter Kit .08 to 1.6 GPM, 290 PSI, 1/4" NPT and 1/2" HB, IXEF & SS	512.00
01500	FM500 Flowmeter Kit .5-5 GPM, 500 PSI, 1/2" FPT, PP & Hastelloy	402.00
01501	FM750 GFN Flowmeter Kit 2-40 GPM, 150 PSI, 3/4" FPT, Nylon & Hastelloy	402.00
01504	FM750 SS Flowmeter Kit 2-40 GPM, 500 PSI, 3/4" FPT, SS & Nylon & Hastelloy	726.00
01507	FM750 SS Flowmeter Kit (with ceramic bearings) 2-40 GPM, 500 PSI, 3/4" FPT	726.00
01851	FM750 LF SS Flowmeter Kit 1 - 9 gpm, 500 PSI, 3/4" FPT, SS & Nylon & Hastelloy	821.00
01650	FM750 GFN LF Flowmeter Kit .5-12 GPM, 150 PSI, 3/4" FPT, Nylon & Hastelloy	497.00
01505	FM1000 SS Flowmeter Kit 3.5-70 GPM, 500 PSI, 1" FPT, SS & Nylon & Hastelloy	787.00
01515	FM270 Flowmeter Kit 3.5-70 GPM, 225 PSI, M200 flange, PP, SS, Nylon & Hastelloy	661.00
01515-P	FM270 P Flowmeter Kit, 3.5-70 GPM, 225 PSI, M200 flange, PP & Nylon & Hastelloy	439.00
01898	FM270 LF Flowmeter Kit .5-15 GPM, 225 PSI, M200 flange, PP, SS, & Nylon & Hastelloy	709.00
01898-P	FM270 P LF Flowmeter Kit .5-15 GPM, 225 PSI, M200 flange, PP & Nylon & Hastelloy	472.00
01514	FM10/100 Flowmeter Kit 10-100 GPM, 225 PSI, M200 flange, SS, PP & Nylon & Hastelloy	685.00
01514-P	FM10/100 P Flowmeter Kit 10-100 GPM, 225 PSI, M200 flange, PP & Nylon & Hastelloy	455.00
01506	FM1500 SS Flowmeter Kit 10-130 GPM, 500 PSI, 1 1/2" FPT, SS & Nylon & Hastelloy	1,036.00
01506-P	FM1500 P SS Flowmeter Kit, 10-130 GPM, 500 PSI, 1 1/2" FPT, PP & Nylon & Hastelloy	781.00
01519	FM1500 SS LF Flowmeter Kit 3.5-70 GPM, 500 PSI, 1 1/2" FPT, SS & Nylon & Hastelloy	1,080.00
01519-P	FM1500 P SS LF Flowmeter Kit, 3.5-70 GPM, 500 PSI, 1 1/2" FPT, PP & Nylon & Hastelloy	811.00
01511	FM2000 P Flowmeter Kit 19-198 GPM, 285 PSI, M200 Flange, Nylon & SS & Ceramic	1,194.00
01513	FM3000 P Flowmeter Kit 40-396 GPM, 285 PSI, 3" MPT, Nylon & SS & Ceramic	1,563.00

### Electromagnetic Flowmeter Kits

01901	MM2 Flowmeter Kit -.08 to 1.6 GPM, 290 PSI, 3/4" FPT, PP & SS	1,219.00
01821	MM3 Flowmeter Kit -.13 to 2.6 GPM, 290 PSI, 3/4" FPT, PP & SS	1,219.00
01822	MM5 Flowmeter Kit -.3 to 5 GPM, 290 PSI, 3/4" FPT, PP & SS	1,219.00
01823	MM13 Flowmeter Kit -.6 to 13 GPM, 290 PSI, 3/4" FPT, PP & SS	1,219.00
01824	MM26 Flowmeter Kit - 1.3 to 26 GPM 290 PSI, 1" FPT, PP & SS	1,219.00
01825	MM53 Flowmeter Kit - 2.6 to 53 GPM, 290 PSI, 1" FPT, PP & SS	1,219.00
01826	MM106 Flowmeter Kit - 5 to 106 GPM, 290 PSI, 1 1/2" FPT, PP & SS	1,219.00
02015	MM106FL Flowmeter Kit - 5 to 106 GPM, 290 PSI, M220 flange, PP & SS	1,265.00
01827	MM158 Flowmeter Kit - 8 to 158 GPM, 290 PSI, 2" MPT, PP & SS	1,265.00
01749	MM238 Flowmeter Kit - 12 to 238 GPM, 290 PSI, 2" MPT, PP & SS	1,117.00

## Flow Control Options

### Liquid Flow Control Valves

19093	Servo Valve, 1" Butterfly, Viton® O-rings, 150 PSI	332.00
19094	Servo Valve, 1" High Pressure Butterfly, Viton® O-rings, 300 PSI	386.00
19095	Servo Valve, 1" Butterfly (aqueous ammonia, w/EPDM O-rings) 150 PSI	332.00
19096	Servo Valve, M200 Flanged or 1 1/2" FPT, 1" Butterfly, Viton® O-rings, 150 PSI	465.00
19097	Servo Valve, M200 Flanged or 1 1/2" FPT, 1.5" Butterfly, Viton® O-rings, 150 PSI, M200	465.00
19098	Servo Valve, M200 Flanged or 1 1/2" FPT(aqua ammonia, EPDM O-rings)1" Bttrfly, 150 PSI	465.00
19099	Servo Valve, M200 Flanged or 1 1/2" FPT(aqua ammonia, EPDM O-rings)1 1/2" Bttrfly	465.00

**Flow Control Options cont.****Hydraulic Flow Control Valves**

01745	PWM Hyd. Flow Control Valve with Adapter Cable, 8 GPM, SAE 8 Ports, 3000 PSI _____	596.00
01864	PWM Hyd. Flow Control Valve with Adapter Cable, 15 GPM, SAE 10 Ports, 3000 PSI _____	879.00
13859	Servo Type Hyd. Flow Control Valve, 5 GPM, 3.5 Second, SAE 8 Port, 3000 PSI _____	1,283.00
14885	Servo Type Hyd. Flow Control Valve, 10 GPM, 3.5 Second, SAE 8 Ports, 3000 PSI _____	1,283.00
13857	Servo Type Hyd. Flow Control Valve, 15 GPM, 3.5 Second, SAE 8 Ports, 3000 PSI _____	1,283.00
13860	Servo Type Hyd. Flow Control Valve, 20 GPM, 3.5 Second, SAE 16 Ports, 3000 PSI _____	2,108.00
13858	Servo Type Hyd. Flow Control Valve, 35 GPM, 3.5 Second, SAE 16 Ports, 3000 PSI _____	2,108.00

**EMD - Electric Motor Driver Kits**

18008	Standard Electric Motor Driver Kit, 10-Amp _____	420.00
01757	Standard Electric Motor Driver Kit, 40-Amp _____	624.00
18108	PWM Electric Motor Driver Kit, 10-Amp _____	420.00
01758	PWM Electric Motor Driver Kit, 40-Amp _____	624.00
01904	PWM Electric Motor Driver Kit with Enable, 10-Amp _____	420.00
01905	PWM Electric Motor Driver Kit with Enable, 40-Amp _____	624.00

**EMD Options**

19963	Secondary Pump Enable Cable using Multifunction Output, incl. 18928 & 18420 Lead _____	272.00
18928	Secondary Pump Enable Relay Cable using a Multifunction Output _____	215.77
18422	Motor Y-Cable, 2-pin MP 480 x MP 480 _____	102.76
18927	PWM Splitter Cable, Runs up to 3 EMD's _____	84.20

**Run/Hold Sensor Kits**

01535	Run/Hold Sensor Kit, Hall-effect, 1 Magnet and 10' Extension Cable _____	164.06
18541	Run/Hold Sensor Kit, Whisker Switch with Magnetic Mount and 10' Extension Cable _____	284.71
18529	Run/Hold Sensor Kit, Whisker Switch without Magnetic Mount _____	229.06

**Relay Kits**

19877	Flo-Pro Relay Kit 15A max _____	191.00
16087	Relay Assembly, 40 amp, with Multifunction Enable _____	163.71
17200	Relay Kit (Flow-Trak II) _____	145.65

**RPM Sensors**

14471	RPM Sensor Kit, Includes Molded Shaft Adapter with 10 Magnets and RPM Sensor _____	101.46
01539	RPM Sensor Kit, Includes 2 Magnets, Sensor Mount Bracket and RPM Sensor _____	110.24
01554	RPM Sensor Kit, Proximity or Gear Tooth Type Sensor, with Mnt Brckt and 15' ext. cbl. _____	301.00
17922	RPM Sensor Kit, Proximity or Gear Tooth Type Sensor, Includes Mount Bracket, 6" cbl. _____	198.20

**Pressure Sensors**

18757	Pressure Sensor, 150 PSI, 4 to 20mA _____	216.33
18758	Pressure Sensor, 300 PSI, 4 to 20mA _____	216.33

**Bin Level Sensor**

01544	Bin Level Sensor Kit, IR Type Sensor _____	127.00
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**ISOBUS Tap Cable Options**

18894	ISOBUS Tap Cable, 6-Pin MP 150 _____	197.00
18895	ISOBUS Tap Cable, 12-Pin Ampseal (John Deere) _____	197.00
18897	ISOBUS Tap Cable, 8-Pin GT280 (Case) _____	197.00
18921	IBIC Breakaway Implement Cable (no power connection) 10' _____	554.00
19700	IBIC Breakaway Implement Cable (w/power connection) 10' _____	646.00
15891	IBIC Breakaway Implement Cable (w/power connection) 30' _____	967.35
19857	ISOBUS Tap Cable Kit, Includes 6-pin MP150 18894 and 18955 ECU Power Adapter Cable _____	265.00
18955	Adapter Cable Kit, ECU Power _____	123.00
16041	ISOBUS Tap Cable, 12-pin Deutsch (Case 2100 Series Planter) _____	197.00

## Extension Cables

### WP (Weather Pack) Extension Cables

11560	2-pin 5' WP Extension Cable	45.57
11561	2-pin 10' WP Extension Cable	52.93
11671	2-pin 15' WP Extension Cable	57.58
11672	2-pin 20' WP Extension Cable	58.81
10450	3-pin 5' WP Extension Cable	59.44
10449	3-pin 10' WP Extension Cable	66.63
10876	3-pin 15' WP Extension Cable	75.97
10829	3-pin 20' WP Extension Cable	84.06
11462	3-pin 25' WP Extension Cable	92.00
11050	6-pin 5' WP Extension Cable	107.66
11051	6-pin 10' WP Extension Cable	133.48
11052	6-pin 20' WP Extension Cable	187.22

### MP (Metri-Pack) 150 Extension Cables

13200	2-pin 5' MP 150 Extension Cable	57.64
13201	2-pin 10' MP 150 Extension Cable	62.22
13202	2-pin 15' MP 150 Extension Cable	67.26
13203	2-pin 20' MP 150 Extension Cable	70.20
13204	2-pin 25' MP 150 Extension Cable	75.96
13205	3-pin 5' MP 150 Extension Cable	63.69
13206	3-pin 10' MP 150 Extension Cable	68.00
13207	3-pin 15' MP 150 Extension Cable	76.45
13208	3-pin 20' MP 150 Extension Cable	81.31
13209	3-pin 25' MP 150 Extension Cable	86.78
13419	3-pin 50' MP 150 Extension Cable	123.26
14482	5-pin 5' MP 150 Extension Cable	72.44
14483	5-pin 10' MP 150 Extension Cable	87.48
14484	5-pin 15' MP 150 Extension Cable	106.74
14485	5-pin 20' MP 150 Extension Cable	125.21
14486	5-pin 25' MP 150 Extension Cable	144.11
19774	6-pin 5' MP 150 ISOBUS Extension Cable	164.77
19775	6-pin 10' MP 150 ISOBUS Extension Cable	180.71
19776	6-pin 20' MP 150 ISOBUS Extension Cable	212.52
19777	6-pin 30' MP 150 ISOBUS Extension Cable	244.42
19778	6-pin 40' MP 150 ISOBUS Extension Cable	276.34
13220	10-pin 5' MP 150 Extension Cable	110.70
13221	10-pin 10' MP 150 Extension Cable	132.19
13222	10-pin 15' MP 150 Extension Cable	151.16
13223	10-pin 20' MP 150 Extension Cable	181.06
13224	10-pin 25' MP 150 Extension Cable	213.34
17095	10-pin 30' MP 150 Extension Cable	252.18
17096	10-pin 40' MP 150 Extension Cable	302.97
17269	10-pin 45' MP 150 Extension Cable	332.82
14142	10-pin 50' MP 150 Extension Cable	393.65
14363	10-pin 5' MP 150 Extension Cable, 5-16 & 5-20 gauge	117.15
14316	10-pin 10' MP 150 Extension Cable, 5-16 & 5-20 gauge	173.70
14317	10-pin 15' MP 150 Extension Cable, 5-16 & 5-20 gauge	208.83
14364	10-pin 20' MP 150 Extension Cable, 5-16 & 5-20 gauge	256.54
14365	10-pin 25' MP 150 Extension Cable, 5-16 & 5-20 gauge	301.65
14419	10-pin 50' MP 150 Extension Cable, 5-16 & 5-20 gauge	517.87

**MP (Metri-Pack) 150/280 Extension Cables**

14146	7-pin 5' MP 280/150 Extension Cable, 2-10 & 5 -18 gauge	151.22
14147	7-pin 10' MP 280/150 Extension Cable, 2-10 & 5 -18 gauge	218.78
14103	7-pin 15' MP 280/150 Extension Cable, 2-10 & 5 -18 gauge	282.96
14236	7-pin 20' MP 280/150 Extension Cable, 2-10 & 5 -18 gauge	343.89
14237	7-pin 25' MP 280/150 Extension Cable, 2-10 & 5 -18 gauge	401.16
17415	7-pin 50' MP 280/150 Extension Cable, 2-10 & 5 -18 gauge	709.42

18830	7-Pin 5' MP 280/150 Extension Cable, 2-12 & 5 -20 gauge	123.81
18831	7-Pin 10' MP 280/150 Extension Cable, 2-12 & 5 -20 gauge	159.00
18832	7-Pin 15' MP 280/150 Extension Cable, 2-12 & 5 -20 gauge	188.88
18833	7-Pin 20' MP 280/150 Extension Cable, 2-12 & 5 -20 gauge	221.56
18834	7-Pin 25' MP 280/150 Extension Cable, 2-12 & 5 -20 gauge	254.05
18835	7-Pin 50' MP 280/150 Extension Cable, 2-12 & 5 -20 gauge	416.80

**MP (Metri-Pack) 280 Extension Cables**

17445	2-pin 10' MP 280 Extension Cable	95.57
17446	2-pin 20' MP 280 Extension Cable	150.14
18288	2-pin 5' MP 280 Extension Cable	68.21
18289	2-pin 15' MP 280 Extension Cable	122.91
18290	2-pin 25' MP 280 Extension Cable	177.50

**MP (Metri-Pack) 480 Extension Cables**

18827	2-Pin 5' MP 480 Extension Cable	109.44
18828	2-Pin 10' MP 480 Extension Cable	125.01
18436	2-pin 15' MP 480 Extension Cable	136.59
18421	2-pin 20' MP 480 Extension Cable	165.00
18829	2-Pin 25' MP 480 Extension Cable	169.05
19745	2-pin 30' MP 480 Extension Cable	184.26
19347	2-pin 40' MP 480 Extension Cable	277.05
19348	2-pin 50' MP 480 Extension Cable	297.91

**GT Series Extension Cables**

19313	16-pin 5' GT Extension Cable	149.72
19314	16-pin 10' GT Extension Cable	227.14
19315	16-pin 15' GT Extension Cable	304.77
19316	16-pin 20' GT Extension Cable	385.48
19317	16-pin 30' GT Extension Cable	540.55
19318	16-pin 40' GT Extension Cable	695.52
19319	16-pin 50' GT Extension Cable	850.58

**Amphenol Extension Cables for SafeGuard Sensors**

19694	6-pin 2.5' Amphenol Twisted Pair Extension Cable	58.30
19616	6-pin 5' Amphenol Twisted Pair Extension Cable	72.02
19617	6-pin 10' Amphenol Twisted Pair Extension Cable	98.31
19618	6-pin 15' Amphenol Twisted Pair Extension Cable	125.16
19619	6-pin 20' Amphenol Twisted Pair Extension Cable	152.02
19620	6-pin 25' Amphenol Twisted Pair Extension Cable	178.88
19621	6-pin 30' Amphenol Twisted Pair Extension Cable	205.75

**JWPF Extension Cables for SafeGuard Sensors (pre-2017)**

18526	6-pin 5' MP150 to JWPF Adapter Cable with twisted pair	65.16
18525	6-pin 15' MP150 Extension Cable with twisted pair	113.15
18496	6-pin 2.5' JWPF Extension Cable with twisted pair	58.29
18497	6-pin 5' JWPF Extension Cable with twisted pair	72.02
18498	6-pin 10' JWPF Extension Cable with twisted pair	98.31
18500	6-pin 20' JWPF Extension Cable with twisted pair	152.02

## Connector Replacement Kits

10262	2-pin Round Connector Replacement Kit (both halves and pins)_____	19.55
11829	2-pin WP Connector Replacement Kit (both halves, pins and seals)_____	25.33
10523	3-pin WP Connector Replacement Kit (both halves, pins and seals)_____	29.29
11154	6-pin WP Connector Replacement Kit (both halves, pins and seals)_____	51.00
13231	2-pin MP Connector Replacement Kit (both halves, pins and seals)_____	32.32
18654	2-Pin MP 480 Connector Replacement Kit (both halves, pins and seals) _____	36.37
18722	2-Pin MP 280 Connector Replacement Kit (both halves, pins and seals) _____	22.24
13232	3-pin MP 150 Connector Replacement Kit (both halves, pins and seals) _____	36.34
13759	3-pin MP 630 Connector Replacement Kit (both halves, pins and seals) _____	44.45
13233	4-pin MP Connector Replacement Kit (both halves, pins and seals)_____	39.26
14808	5-pin MP Connector Replacement Kit (both halves, pins and seals)_____	27.47
13234	6-pin MP Connector Replacement Kit (both halves, pins, seals) _____	36.97
14684	7-pin MP Connector Replacement Kit (both halves, pins and seals)_____	40.50
13235	10-pin MP Connector Replacement Kit (both halves, pins and seals)_____	58.78
19693	6-pin Amphenol Connector Replacement Kit (SafeGuard Sensor) _____	41.64
13369	15-pin Connector Replacement Kit (MT-3000) (harness half ONLY, pins and strain relief) ____	37.02

## Dust Covers

11400	2-pin WP Tower Dust Cover (male) _____	10.41
11401	2-pin WP Shroud Dust Cover (female) _____	10.41
18111	2-Pin WP Shroud with jumper wire (female) _____	11.82
10445	3-pin WP Shroud Dust Cover (female) _____	12.65
10447	3-pin WP Tower Dust Cover (male) _____	12.65
10451	3-pin WP Shroud Dust Cover with jumper wire (female)_____	14.01
11034	6-pin WP Tower Dust Cover (male) _____	17.09
11035	6-pin WP Shroud Dust Cover (female) _____	17.26
13104	2-pin MP Tower Dust Cover (male) _____	8.54
13105	2-pin MP Shroud Dust Cover (female) _____	8.54
13100	3-pin MP Shroud Dust Cover with jumper wire (female)_____	12.78
13106	3-pin MP Tower Dust Cover (male) _____	12.78
13107	3-pin MP Shroud Dust Cover (female) _____	12.78
13110	6-pin MP Tower Dust Cover (male) _____	18.97
13111	6-pin MP Shroud Dust Cover (female) _____	18.97
14108	7-pin MP Tower Dust Cover (male) _____	26.48
14109	7-pin MP Shroud Dust Cover (female) _____	26.48
13112	10-pin MP Tower Dust Cover (male) _____	19.61
13113	10-pin MP Shroud Dust Cover (female) _____	19.61
19824	2-pin MP 480 Shroud Dust Cover (female) _____	20.13
19825	2-pin MP 480 Tower Dust Cover (male) _____	17.14
19823	16-pin GT Tower Dust Cover (male) _____	27.21
19703	16-pin GT Shroud Dust Cover (female) _____	16.77
19688	6-pin Amphenol Tower Dust Cover (male) _____	13.90
19689	6-pin Amphenol Shroud Dust Cover (female) _____	9.43

**SYSTEMS**

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# REPLACEMENT PARTS

## Calc-An-Acre - Models LR & II

13090	Speed, Run/Hold, Power Harness (C-97-LR)	144.20
14553	Extra Main Harness Kit (C-97-LR) (Includes 13181, 13090 and 01530)	346.93
17176	Power, Speed, RPM, Run/Hold Harness (Calc-An-Acre II)	160.88

## Flow-Trak Models LR & II

01536	*Relay Kit (Flow-Trak 97 LR)	97.67
13097	Flow, Speed, Run/Hold, Power Harness (FT-97-LR)	194.27
17194	Flow, Speed, Run/Hold, Power Harness (Flow-Trak II)	198.17

## FlowMate

18155	Power Cable, 2 Pin WP, 10'	36.46
18157	Fuse & Terminal Kit, 1 Amp	12.49
11837	Dual Lock Fastener Kit (4 sets of 1" X 1")	net 17.57

## Shaft-Trak

14536	Molded Shaft Adapter Kit with 10 magnets	60.58
14473	Shaft-Trak 6-Sensor Branch Harness	315.52

## Sod-Pro II

17077	Speed, Run/Hold, Power Harness	144.68
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## Manual Controllers

17985	Power Cable, 2 Pin Molex with 10 Amp Fuse, 10'	55.38
17986	Motor Cable, MC-10, 2 Pin Molex to WP, 20'	50.54
14728	Pressure Gauge Bracket for MC-10, Narrow console (gauge not included)	37.00
17444	Power Cable, 2 Pin MP280, 25 Amp Fuse, 10'	114.25
17871	Power Cable, 2 Pin MP280, 40 Amp Fuse, 20'	197.00
17447	Motor Cable, 2 Pin MP280, 15'	104.34
17448	Motor Cable, 2 Pin MP280, 20'	131.68
17449	Motor Cable, 2 Pin MP280, 25'	159.05
17450	Motor Cable, 2 Pin MP280, 30'	186.39
14799	Pressure Gauge Bracket for MC-25 (gauge not included)	28.00
18982	10' Power Cable w/5A fuse kit	42.48
18985	MC-10 Pressure Gauge Bracket (Deep Back, No Gauge)	53.65

## Flo-Pro

19834	Flo-Pro Branch Harness 10'	258.51
19835	Flo-Pro Power Cable 10'	61.85
19444	Power Cable 15'	77.46
19876	Flo-Pro Relay Module	88.11
18941	Motor Cable 4'	29.66

## SafeGuard Blockage Monitor

### Miscellaneous Sensor Parts

18510	U-clip, Stainless Steel	1.82
18521	O-ring, FKM (Viton® type)	5.00
18963	O-Ring, Orifice Plate	1.42
18514	Cartridge Retainer Clip	3.12
18653	SafeGuard Sensor Mounting Spacer	3.37
18721	SafeGuard Sensor Bracket	9.65
21993	Cartridge Range Extender	14.47
02011	ISOmod Magnet Bar Mount	36.38

### Console to Hitch Cable Options

19624	6-pin 15' M/P150 to Amphenol Twisted Pair Adapter	113.15
19676	6-pin 25' M/P150 to Amphenol Twisted Pair Adapter	164.85

### Terminators

19681	6-pin Amphenol Terminator Tower	24.31
19682	6-pin Amphenol Terminator Shroud	17.20

### Pre-2017 Sensor Adapter Cables

19837	JWPF Tower to Amphenol Shroud Adapter Cable for Pre-2017 Sensor	net 12.00
19838	JWPF Shroud to Amphenol Tower Adapter Cable for Pre-2017 Sensors	net 12.00



**SafeGuard Blockage Monitor cont.****Pre-2017 SafeGuard Parts**

18666	Dust Cover, 6-P JWPF TAB _____	13.90
18667	Dust Cover, 6-P RCPTCL _____	9.43
18663	Extraction tool, JWPF _____ net	215.00
18538	SafeGuard Network Terminator Plug _____	26.00
18665	Terminator, 6-P JWPF _____	17.20
18531	SafeGuard Implement Switch Module w/JWPF plugs _____	239.58
01840	SafeGuard Implement Whisker Switch with module and magnetic mount (JWPF) _____	367.99

**MT-2405 F II Series**

13757	Branch Harness, MT-2405 F II and FTW II, Speed, Run/Hold, 10' _____	180.15
13758	Branch Harness, MT-2405 F II and FTW II Boom, Power, Servo, 10' _____	154.64
01559	Relay Kit (MT-2405 F & F II) _____	122.26

**MT-NH3**

13620	Power Cable 10' (3.0m), 2-pin MP MT-NH3 _____	42.23
13348	SS Quick Release Switchbox Pin _____	28.47
17858	Suction Cup Mounting Kit for Console _____	137.00
18767	MT-NH3 Power / Master Switch Adapter Cable _____	62.56
21963	Run/Hold Switch Assy. - SprayMate II, MT-NH3 II, GSC-1000 _____	90.32
21779	Power Switch Assy. for consoles _____	90.32

**SprayMate II**

14311	NH3 Main Harness (SprayMate & SprayMate II) 10' (3.0m) _____	156.90
14313	Flow, Control, Boom Harness, SprayMate II WPT-PGS _____	239.92
14314	Ignition Cable, 72" _____	33.37
14315	Power (battery) Cable, 15' 10A fuse, 2-pin WP _____	113.55
14469	3-Pin WPS to 1/4" QD Solenoid Adapter Cable _____	27.10
17158	3-boom 2-wire Ball Valve Adapter Cable (RoadMaster & SprayMate II) _____	446.16
17782	SprayMate II Auto Section Cable _____	296.00
17786	SprayMate II Multi Section NH3 Adapter Cable 10' (3.0m) _____	177.57
17844	Multi-Section NH3 Branch Harness _____	204.10
18034	Multi-Section EMD Adapter Cable (SprayMate II) _____	89.20
18267	Relay, 50A 12v SPST (for SprayMate II fertilizer kit) _____	57.99
18777	SprayMate Plus Console to SprayMate II harness adapter cable _____	77.86
19749	Section Relay Module Enable _____	69.77
21778	Run/Hold Switch Assy. - SprayMate Plus, RoadMaster, DrillMaster _____	90.33
21779	Power Switch Assy. for consoles _____	90.32
21963	Run/Hold Switch Assy. - SprayMate II, MT-NH3 II, GSC-1000 _____	90.32

**SprayMate Plus**

14315	Power (battery) Cable, 15' 10A fuse, 2-pin WP _____	113.55
14469	3-Pin WPS to 1/4" QD Solenoid Adapter Cable _____	27.10
18280	Flow, Control, Boom Harness, SprayMate Plus WPS-PGS _____	251.67
18532	Flow, Control, Boom Harness, SprayMate Plus WPT-PGS _____	251.67
18777	SprayMate Plus Console to SprayMate II harness adapter cable _____	77.86
19507	Pressure Sensor Extension Cable 50' _____	166.64
19508	Pressure Sensor Extension Cable 25' _____	95.00
21778	Run/Hold Switch Assy. - SprayMate Plus, RoadMaster, DrillMaster _____	90.33
21779	Power Switch Assy. for consoles _____	90.32
21963	Run/Hold Switch Assy. - SprayMate II, MT-NH3 II, GSC-1000 _____	90.32
16008	SprayMate Plus to Raven CR7 adapter cable _____	195.96
19922	SprayMate Plus to Raven 440 Adapter Cable w/CPC Female Connector, 10' _____	204.46
15861	SprayMate Plus to Raven 440 Adapter Cable w/CPC Male (old style) Connector, 10' _____	200.45

**RateKing Plus & RateKing Dual Plus**

18802	Power Cable with 15 Amp Fuse, 15' _____	267.89
18872	Section Branch Harness, 3 Section WPT-PGS, 10' _____	193.51
18819	Section Branch Harness, 5 Section WPT-PGS, 10' _____	221.66
18820	Section Branch Harness, 7 Section WPT-PGS, 10' _____	253.77
18675	Control Branch Harness, RateKing, 10' _____	292.88

**RateKing Plus & RateKing Dual Plus cont.**

18676	Control Branch Harness, RateKing Dual Channel 2, 10'Dual Plus Channel 2 Harness _____	216.69
18757	Pressure Sensor, 150 PSI, _____	216.33
18758	Pressure Sensor, 300 PSI _____	216.33
18754	Plus Series Single Pressure Sensor Cable _____	77.67
18755	Plus Console Dual Pressure Sensor Cable _____	137.45
19507	Pressure Sensor Extension Cable 50' _____	166.64
19508	Pressure Sensor Extension Cable 25' _____	95.00

**Dual ISOmod Rate Controller**

02011	ISOmod Magnet Bar Mount _____	36.38
19170	Fuse Holder Kit _____	56.02
19295	30' 2-pin MP 480 Power Cable _____	180.14
19604	Dual ISOmod Bulkhead Harness 2' _____	544.64
19605	Dual ISOmod Channel 1 Branch Cable 10' _____	255.37
19606	Dual ISOmod Channel 2 Branch Cable 10' _____	254.00
19669	Dual ISOmod 6-section Branch Cable 10' (3.0m) _____	255.00
19670	Dual ISOmod 12-section Branch Cable 10' (3.0m) _____	465.00

**ISOBUS Tap Cable Parts**

18896	Delphi MP630 (Great Plains/Dickey John) Tap Cable _____	197.00
18944	Deutsch DTM Tap Cable (in-cab) Kit with power cable _____	197.00
18945	Deutsch DT Tap Cable (in-cab) Kit with power cable _____	265.00
18950	Deutsch DT Tap Cable (in-cab) Kit with power adapter _____	265.00
18967	Deutsch DT Terminator Cable w/TBC Plug _____	156.14
18968	Deutsch DTM Terminator Cable w/TBC Plug _____	172.00
18905	TBC Terminator Plug (Powell) _____	136.43

**RateKing XRS - orchard/vineyard rate controller**

19883	Tractor Harness, RateKing XRS, 5' _____	320.76
19882	Trailer Branch Harness, RateKing XRS, 15' _____	650.35
14315	Power Cable, 10A fuse, 15' _____	113.55

**SprayMate XRS - orchard/vineyard rate controller**

19958	Control Branch Harness, SprayMate XRS, 15' _____	437.24
14315	Power Cable, 10A fuse, 15' _____	113.55

**GSC-1000**

14983	Branch, Servo, Flow, RPM Harness _____	217.34
14315	Power (battery) Cable, 15' 10A fuse, 2-pin WP _____	113.55
14536	Molded Shaft Adapter Kit with 10 magnets _____	60.58
14471	Molded Shaft Adapter Kit with 10 Magnets with Sensor Cable (p/n 13226) _____	101.46
21779	Power Switch Assy. for consoles _____	90.32
21963	Run/Hold Switch Assy. - SprayMate II, MT-NH3 II, GSC-1000 _____	90.32

**RoadMaster and MT-400 Series**

17158	3-boom 2-wire Ball Valve Adapter Cable (RoadMaster & SprayMate II) _____	446.16
14469	3-Pin WPS to 1/4" QD Solenoid Adapter Cable _____	27.10
18098	Calibration Lockout Key, set of two - RoadMaster, SprayMate Plus _____	net 3.63
14313	Flow, Control, Boom Harness, SprayMate II WPT-PGS _____	239.92
14314	Ignition Cable, 72" _____	33.37
14463	*In-Line Servo Valve Adapter Cable (MT-400 with S) _____	31.49
14315	Power (battery) Cable, 15' 10A fuse, 2-pin WP _____	113.55
21778	Run/Hold Switch Assy. - SprayMate Plus, RoadMaster, DrillMaster _____	90.33
21779	Power Switch Assy. for consoles _____	90.32
17523	Remote RoadMaster Blast, Run/Hold Cable with mini-din connector _____	56.72
01744	RoadMaster Blast/Run/Hold Remote Switch Box with 3-pin MP Connector (Current) _____	190.00
17560	RoadMaster Blast/Run/Hold Remote Switch Box with Circular Connector (Old Style) _____	190.00

**ProPlant****Console**

17339	Console Power/Section Harness, 15' _____	251.46
17360	Console Flow, Servo, Run/Hold Harness 15' _____	187.65

**Harness Kit Parts - Single Drive MOUNTED**

17358	Section Harness (1Section) 20' _____	59.15
17359	Flow, Servo, Run/Hold Harness (1 Section) 20' _____	174.39

**Harness Kit Parts - Single Drive DRAWN**

17358	Section Harness (1Section) 20' _____	59.15
17359	Flow, Servo, Run/Hold Harness (1 Section) 20' _____	174.39

**Harness Kit Parts - Multiple Drive MOUNTED**

17307	Section Branch Harness (1-3 Sections) 20' _____	154.02
17308	Flow with Servo/RH 1-3-Section Branch Harness _____	257.35

**Harness Kit Parts - Multiple Drive DRAWN**

17307	Section Branch Harness (1-3 Sections) 20' _____	154.02
17308	Flow with Servo/RH 1-3-Section Branch Harness _____	257.35

**Hydraulic Drive Parts**

17320	Toolbar Bracket _____	257.82
17321	Motor Bracket _____	215.74
17351	7"Toolbar U-Bolt _____	19.31
17395	Bolt/Fastener Kit (Hydraulic Drive Assembly) _____	25.25
17396	#40 Drive Chain Kit 10' _____	65.06
17554	#50 Drive Chain Kit 10' _____	111.21
17398	Secondary Drive Fittings Kit _____	52.10
17399	Primary Drive Fittings Kit _____	293.45
17922	Proximity Sensor Kit _____	198.20
17917	Proximity Sensor with 6" lead _____	135.00
17556	Sprocket, 50-16 x 40-16 drive _____	104.90
17322	Sprocket, Idler #40 32 x 16 _____	306.88
17323	Sprocket, Idler #40 16 x 16 _____	115.18
17555	Sprocket, Idler #50 32 x 16 _____	369.94
17576	4.9 CID Hydraulic Motor/Shutoff Valve Assembly (no sprockets) _____	1,800.00
17394	#40 32 Tooth 3/4" Split Sprocket _____	186.87
17388	#40 32 Tooth 7/8" Split Sprocket _____	186.87
17558	#50 28 Tooth 3/4" Hex Split Sprocket _____	251.82
17557	#50 28 Tooth 7/8" Hex Split Sprocket _____	251.82
17576	4.9 CID Hydraulic Motor/Shutoff Valve Assembly (no sprockets) _____	1,800.00
18031	Hydraulic Motor Cross Port Plug (replaces shutoff valve on motor for PWM control) _____	74.69
18348	Poppet Valve Assembly _____	153.48
15909	Hydraulic Motor Seal Kit _____	174.79
17370	ProPlant Variable Rate Token (green) _____	186.87

**DrillMaster****Console**

14315	Power (battery) Cable, 15' 10A fuse, 2-pin WP _____	113.55
21778	Run/Hold Switch Assy. - SprayMate Plus, RoadMaster, DrillMaster _____	90.33
21779	Power Switch Assy. for consoles _____	90.32

**Harness Kit for MOUNTED Single-Drive parts list**

17894	DrillMaster Mounted Branch Harness _____	209.94
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**Harness Kit for DRAWN Two-Drive parts list**

13112	10-pin MP Tower Dust Cover (male) _____	19.61
17096	10-pin 40' MP Extension Cable (12.2m) _____	302.97
17883	DrillMaster PWM Run/Hold Cable _____	93.55
18026	DrillMaster Drawn 2-Section Left/Right Branch Harness _____	136.13
21612	DrillMaster Multi Section Module _____	467.90

**Harness Kit for DRAWN Three-Drive parts list**

17096	10-pin 40' MP Extension Cable (12.2m) _____	302.97
17881	DrillMaster Right or Left Section Branch Harness _____	198.95
17882	DrillMaster Center Section Branch Harness _____	130.15
17883	DrillMaster PWM Run/Hold Cable _____	93.55
21612	DrillMaster Multi Section Module _____	467.90

**DrillMaster cont.****Planter Drive Kit Parts List**

17321	Motor Bracket _____	215.74
17351	7" Toolbar U-Bolt _____	19.31
17394	#40 32 Tooth 3/4" Split Sprocket _____	186.87
17388	#40 32 Tooth 7/8" Split Sprocket _____	186.87
17558	#50 28 Tooth 3/4" Hex Split Sprocket _____	251.82
17557	#50 28 Tooth 7/8" Hex Split Sprocket _____	251.82
17556	Sprocket, 50-16 x 40-16 drive _____	104.90
17395	Bolt/Fastener Kit (Hydraulic Drive Assembly) _____	25.25
17396	#40 Drive Chain Kit 10' _____	65.06
17554	#50 Drive Chain Kit 10' _____	111.21
17576	4.9 CID Hydraulic Motor/Shutoff Valve Assembly (no sprockets) _____	1,800.00
17922	Proximity Sensor Kit _____	198.20
18005	Primary Drive Fittings Kit _____	254.17
17398	Secondary Drive Fittings Kit _____	52.10
18006	Hydraulic Control Valve Remote Mount Bracket _____	50.08
18348	Poppet Valve Assembly _____	153.48

**NH3 Application Replacement Parts**

11191	#20 SS NH3 Strainer Screen _____	41.50
11192	NH3 Strainer Gasket (Teflon) _____	8.51
14851	NH3 Strainer Plug with Alnico magnet _____	80.75
17696	Seal Kit for SAFi NH3 Valve (Velan) _____	340.68
17741	SAFi Cover O-ring (New Style) _____	net 6.16
17913	NH3500 NH3 1" Teflon Strainer Gasket _____	55.62
17914	Liquifier NH3 1.25" #20 Stainless Steel Strainer Screen _____	55.62
17915	Liquifier NH3 1.25" Teflon Strainer Gasket _____	72.34
17972	KZ NH3 Shutoff Valve, 1" _____	1,109.55
17973	Seal Kit for KZ NH3 Valve, 1" _____	72.83
18183	Liquifier / Liquifier Max heat exchanger 1 1/2" MPT _____	2,052.46
18186	Liquifier Max 1 1/2" NH3 Shutoff Valve _____	1,319.70
18262	1 1/2" #20 SS NH3 Strainer Screen _____	51.32
18302	1 1/2" NH3 Strainer with Magnet Assembly _____	316.25
18459	KZ NH3 Shutoff Valve Actuator 1", 1 1/2" _____	636.37
18775	KZ NH3 Servo Valve Actuator 1", 1 1/2" _____	693.70
20365	NH3500 Strainer Assy. _____	271.24
18287	Cable, 3-pin WPS to WPS adapter (Converts a WP Output from a Tower to a Shroud) _____	37.37
10899	FM750 SS for NH3 Flowmeter, 2-40 GPM, 500 PSI, 3/4" FPT, SS & Nylon Hastelloy _____	861.29
19101	Liquifier Junior Ultra Low Rate NH3 Servo Valve, 3/4" x 1" _____	1,190.00
19102	NH3500 NH3 Servo Valve, 3/4" x 1" _____	1,176.00
19103	Liquifier Junior NH3 Servo Valve, 1" x 1" _____	1,176.00
18185	Liquifier Max 1 1/2" NH3 Servo Valve _____	1,319.70
18187	Liquifier 1" NH3 Servo Valve _____	1,113.27
18465	Liquifier Junior Ultra-Low Rate heat exchanger _____	2,052.45
18555	Liquifier Junior heat exchanger _____	2,052.45
18307	Liquifier Junior and Liquifier Junior Ultra Low Rate strainer _____	221.52
21691	KZ 1" valve body only _____	475.04
13273	NH3 Plumbing Panel Harness (current controllers) 7' (2.1m) _____	391.62
10233	Steel Vapor Tube 1/2" x 1' _____	50.29
11008	3/8" FPT x 3/8" Vapor Tubing Elbow _____	23.11
11009	3/4" MPT x 3/8" Vapor Tubing Elbow _____	23.82
11022	1/8" x 1 1/2" SS Nipple _____	20.02
11023	1/4" x 1/8" SS Bushing _____	15.58
11024	3/4" EVA Vapor Tubing 25' (7.7m) _____	237.03
11025	1/2" EVA Vapor Tubing 25' (7.7m) _____	172.59
11040	Accessory Kit (NH3500) _____	146.69
11305	Hold/Cutout Module (MT-3000, MT-5000) _____	161.92
12828	1/8" Plug (Low Rate Kit) _____	19.00
13348	SS Quick Release Switchbox Pin _____	28.47
13504	In-line M-T Servo Valve Adapter Cable 1' (0.3m) _____	79.00

**NH3 Application Replacement Parts cont.**

13620	Power Cable 10' (3.0m), 2-pin MP MT-NH3	42.23
14232	1/4" x 3/8" orifice hose barb (3/32)	11.93
17892	NH3500 Low Rate Conversion Kit	338.20
17995	Bracket, NH3500 Low Rate Support	51.71
18000	Nipple, 3/4" X Close blk schedule 40	6.01
18001	Nipple, 3/4" X 12" blk schedule 40	29.93
18003	1" x 3/4" Coupling (Low Rate Kit)	16.39
18004	1" x 3' NH3 Hose (Low Rate Kit)	394.46
18014	Nipple, 3/4" X 2" blk sch. 40	6.38
18188	1/4" x 3/8" orifice Hose Barb (3/64)	11.93
18221	3/4" MPT x 3/8" Nylon Elbow	8.22
18222	1/4" x 1/4" Nylon Elbow	8.22
19609	Liquifier Junior Upgrade Kit	56.74
20486	3/8" EVA Tubing NH3500	2.80

**DirectConnect Parts****Topcon X20, X15, X10 w/30S ECU Parts**

17529	Multi Section NH3 Branch Harness (1-5 Sections) 2'	195.61
17584	Single Section NH3 Adapter Cable 1'	151.99
17739	Multi Section Boom Master Module (1-5 Sections)	265.67
17608	Topcon 30S ECU to MT Liquid/NH3 Adapter Cable without Power 10'	434.11

**Topcon ASC-10 ECU Parts**

18324	Topcon main branch harness	526.44
18325	Topcon speed/Flow with servo/pressure harness	273.32
18326	DirectConnect Sections 1 - 6 harness	278.15
18327	DirectConnect Sections 7 - 10 harness	245.34

**John Deere GS2 Parts**

17962	GS2,3 10' 7-Section Liquid/NH3 Control Harness	739.00
18456	GreenStar Rate Controller DirectConnect Main Harness	374.00
18458	GreenStar Rate Controller DirectConnect Master/Relief/Agitation cable	199.00
18457	GreenStar Rate Controller DirectConnect Control/Flow with Section 1	249.00
18456	GreenStar Rate Controller DirectConnect Main Harness	374.00
18326	DirectConnect Sections 1 - 6 harness	278.15
18327	DirectConnect Sections 7 - 10 harness	245.34
01592	Servo Valve Signal Chopper (REQUIRED with Micro-Trak servo valve)	200.00
17529	Multi Section NH3 Branch Harness (1-5 Sections) 2'	195.61
17584	Single Section NH3 Adapter Cable 1'	151.99
17739	Multi Section Boom Master Module (1-5 Sections)	265.67
17643	Greenstar to MT Liquid/NH3 Adapter Cable without Power 10'	406.20
17924	GS2 Adapter Cable, 16-pin to 37-pin CPC	276.22

**Trimble EZ Boom 2010 Parts**

17582	Raven / Trimble EZ Boom 2010 to MT Adapter Cable with Power 10'	472.73
17529	Multi Section NH3 Branch Harness (1-5 Sections) 2'	195.61
17584	Single Section NH3 Adapter Cable 1'	151.99
17739	Multi Section Boom Master Module (1-5 Sections)	265.67
17627	DirectConnect Trimble EZ boom 2010, 1-7 Section Harness Kit	838.00
18330	Trimble branch cable	264.49

**Trimble Field IQ Parts**

18328	DirectConnect Trimble Field IQ Single Section Harness , 7'	330.00
18349	DirectConnect Trimble Field IQ 1-6 Section Harness Liquid, 7'	563.00
18350	*DirectConnect Trimble Field IQ, 1-12 Section Harness Kit Liquid, 7'	722.00
19713	Field IQ Master Valve Cable, 7'	114.56
19721	DirectConnect Trimble Field IQ 1-6 Section Harness NH3, 7'	667.00
19722	*DirectConnect Trimble Field IQ 1-12 Section Harness NH3, 7'	824.00
18329	Trimble main branch harness, single section	461.53

**Raven 440/450 Parts**

17529	Multi Section NH3 Branch Harness (1-5 Sections) 2'	195.61
17582	Raven / Trimble EZ Boom 2010 to MT Adapter Cable with Power 10'	472.73
17584	Single Section NH3 Adapter Cable 1'	151.99
17739	Multi Section Boom Master Module (1-5 Sections)	265.67

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## DirectConnect Parts

### Ag Leader INSIGHT DirectCommand Parts

17599	Multi Section Boom Master Module - DEUTSCH connectors(1-10 sections)	402.72
17941	AgLeader DirectCommand to NH3 Branch Cable	541.78
17942	AgLeader DirectCommand to Single Section Adapter Cable	32.70
17943	AgLeader DirectCommand Multi-Section Boom Master Module	275.74
17529	Multi Section NH3 Branch Harness (1-5 Sections) 2'	195.61
17857	AgLeader DirectCommand to MT Liquid Adapter Cable without Power 10'	502.76
18264	AgLeader Direct Command Flow, Servo Branch Harness	181.21
18265	AgLeader Direct Command Flow 7-Boom Branch Harness	225.81

### Speed and Run/Hold Parts

#### Current (LR, II & Plus models)

14324	Bulkhead Console Speed Adapter Cable 3'(0.9m)	51.66
17917	Proximity Sensor, 6"	135.00
13096	Hall-effect Speed/Flow Sensor Cable, 5'	103.27
14536	Molded Shaft Adapter Kit with 10 magnets	60.58
14793	Bulkhead Console Run/Hold Adapter Cable	77.43
18541	Run/Hold Sensor Kit, Whisker Switch with Magnetic Mount and 10' Extension Cable	284.71
18529	Implement Whisker Switch without magnetic mount	229.06
18530	Magnet Mount for Implement Whisker Switch	100.77
14519	Run/Hold Foot Switch with cable	233.10
13226	Run/Hold Sensor Cable 5'(1.5m)	74.37
13227	Run/Hold Sensor Cable ( Ft-97 Only) 5'(1.5m)	61.86
21963	Run/Hold Switch Assy. - SprayMate II, MT-NH3 II, GSC-1000	90.32
21778	Run/Hold Switch Assy. - SprayMate Plus, RoadMaster, DrillMaster	90.33
10013	Mount Bracket for speed and run/hold sensor	13.18
10080	Magnet Clip	8.69
12069	Magnet Kit (6 magnets)	14.23

#### Miscellaneous

12853	Weatherproof Fuse Holder without fuse	22.37
12910	14" Plastic Tie Kit (Bag of 10)	9.93
12911	3/8" Hex Nut for speed and run/hold sensor (bag of 3)	5.72
12912	Magnet Kit with tape (6 magnets)	22.17
13251	Hardware Bag	10.52
13270	Terminal Kit with weatherproof fuse holder	73.17
14012	WeatherPak Fuse Holder with leads without fuse	33.12

## Replacement Flowmeters

### Turbine Flowmeters

22032	FM250 P Flowmeter .08 to 1.6 GPM, 290 PSI, 1/4" NPT and 1/2" HB, IXEF & SS _____	491.00
13269	FM500 Flowmeter .5-5 GPM, 500 PSI, 1/2" FPT, PP & Hastelloy _____	382.00
11501	FM750 GFN Flowmeter 2-40 GPM, 150 PSI, 3/4" FPT, Nylon & Hastelloy _____	382.00
10131	FM750 SS Flowmeter 2-40 GPM, 500 PSI, 3/4" FPT, SS & Nylon & Hastelloy _____	705.00
13752	FM750 SS Flowmeter (with ceramic bearings) 2-40 GPM, 500 PSI, 3/4" FPT _____	705.00
17887	FM750 GFN LF Flowmeter .5-12 GPM, 150 PSI, 3/4" FPT, Nylon & Hastelloy _____	477.00
18599	FM750 LF SS Flowmeter 1 - 9 gpm, 500 PSI, 3/4" FPT, SS & Nylon & Hastelloy _____	800.00
13187	FM1000 SS Flowmeter 3.5-70 GPM, 500 PSI, 1" FPT, SS & Nylon & Hastelloy _____	766.00
14286	FM270 Flowmeter 3.5-70 GPM, 225 PSI, M200 flange, PP, SS, Nylon & Hastelloy _____	641.00
14286-P	FM270 P Flowmeter 3.5-70 GPM, 225 PSI, M200 flange, PP, SS, Nylon & Hastelloy _____	409.00
18781	FM270 LF Flowmeter .5-15 GPM, 225 PSI, M200 flange, PP, SS, & Nylon & Hastelloy _____	689.00
18781-P	FM270 P LF Flowmeter .5-15 GPM, 225 PSI, M200 flange, PP, SS, & Nylon & Hastelloy _____	452.00
14829	FM10/100 Flowmeter 10-100 GPM, 225 PSI, M200 flange, SS, PP & Nylon & Hastelloy _____	664.00
14829-P	FM10/100 P Flowmeter 10-100 GPM, 225 PSI, M200 flange, SS, PP & Nylon & Hastelloy _____	435.00
14348	FM1500 SS LF Flowmeter 3.5-70 GPM, 500 PSI, 1 1/2" FPT, SS & Nylon & Hastelloy _____	1,059.00
14348-P	FM1500 P SS LF Flowmeter 3.5-70 GPM (13-265 lpm) 500 PSI (35 Bar) _____	791.00
12274	FM1500 SS Flowmeter 10-130 GPM, 500 PSI, 1 1/2" FPT, SS & Nylon & Hastelloy _____	1,015.00
12274-P	FM1500 P SS Flowmeter 10-130 GPM (40-500 lpm) 500 PSI (35 Bar) _____	761.00
18078	FM2000 P Flowmeter 19-198 GPM, 285 PSI, M200 Flange, Nylon & SS & Ceramic _____	1,173.00
18229	FM3000 P Flowmeter 40-396 GPM, 285 PSI, 3" MPT, Nylon & SS & Ceramic _____	1,543.00
10899	FM750 SS for NH3 Flowmeter, 2-40 GPM, 500 PSI, 3/4" FPT, SS & Nylon Hastelloy _____	861.29
19797	FM750 LF SS for NH3 Flowmeter, 1 - 9 gpm, 500 PSI, 3/4" FPT, SS & Nylon & Hastelloy _____	967.59
19798	FM1500 SS for NH3 Flowmeter, 10-130 GPM, 500 PSI, 1 1/2" FPT, PP & Nylon & Hastelloy _____	1,284.45
19799	FM1500 SS LF for NH3 Flowmeter, 3.5-70 GPM, 500 PSI, 1 1/2" FPT, SS & Nylon & Hastelloy _____	1,336.79

### Electromagnetic Flowmeters

18893	MM2 Flowmeter - .08 to 1.6 GPM, 290 PSI, 3/4" FPT, PP & SS _____	1,199.00
18448	MM3 Flowmeter - .13 to 2.6 GPM, 290 PSI, 3/4" FPT, PP & SS _____	1,199.00
18449	MM5 Flowmeter - .3 to 5 GPM, 290 PSI, 3/4" FPT, PP & SS _____	1,199.00
18450	MM13 Flowmeter - .6 to 13 GPM, 290 PSI, 3/4" FPT, PP & SS _____	1,199.00
18451	MM26 Flowmeter - 1.3 to 26 GPM 290 PSI, 1" FPT, PP & SS _____	1,199.00
18452	MM53 Flowmeter - 2.6 to 53 GPM, 290 PSI, 1" FPT, PP & SS _____	1,199.00
18453	MM106 Flowmeter - 5 to 106 GPM, 290 PSI, 1 1/2" FPT, PP & SS _____	1,199.00
19828	MM106FL Flowmeter - 5 to 106 GPM, 290 PSI, M220 flange, PP & SS _____	1,245.00
18454	MM158 Flowmeter - 8 to 158 GPM, 290 PSI, 2" MPT, PP & SS _____	1,245.00
18177	MM238 Flowmeter - 12 to 238 GPM, 290 PSI, 2" MPT, PP & SS _____	1,097.00

### Micro-Trak Flowmeter Parts

10137	Gasket, Teflon, FM750 SS & N and FM1000 SS _____	6.62
10605	O-Ring, FM500 _____	4.50
13783	O-Ring, Quad for FM750 GFN _____	21.73
18996	O-Ring for FM750 LF GFN Insert _____	1.56
11277	Rebuild Kit with Ruby Balls for FM750 SS, FM1000 SS and FM1500 SS without Turbine _____	78.05
13753	Rebuild Kit with Ceramic Balls for FM750 SS, FM1000 SS and FM1500 SS w/o Turbine _____	80.84
17144	Rebuild Kit with Ruby Balls for FM750 SS, FM1000 SS and FM1500 SS with turbine _____	149.52
17147	Rebuild Kit with Ceramic Balls for FM750 SS, FM1000 SS and FM1500 SS with Turbine _____	149.52
17302	Rebuild Kit with Ruby Balls for FM270 and FM10/100 with Turbine _____	130.72
19795	Rebuild Kit with Ruby Balls for FM750 SS NH3 with Turbine _____	237.01
19813	Rebuild Kit with Ruby Balls for FM1500 SS NH3 with Turbine _____	241.71
14836	Turbine for FM750 GFN, SS, FM1000 SS, FM270, FM10/100 and FM1500 SS _____	121.04
17885	Turbine for FM750 LF, FM270 LF and FM1500 LF _____	122.22
19875	Bearing Housing, Stainless Steel for FM1500 NH3 with Bearing for NH3 _____	287.34
11319	FM2000 P and FM3000 P Flow Module _____	220.68
13434	VRS Interface Module _____	210.83
17884	FM750 LF GFN Insert _____	50.08
18598	FM750 LF SS Insert _____	120.31
18922	SS Bearing Housing w/bearing for FM270, FM10/100, & FM1500 _____	249.16
15894	Poly Bearing Housing w/bearing for FM270, FM10/100, FM1500 _____	145.50
19059	2" Flange Gasket and Clamp Kit (2 ea.) _____	41.27



## Replacement Flowmeters cont.

### Flowmeter Parts cont.

19770	2" Full Port Banjo Flange Adapter Kit (for mag. fl. kits 01826, 01827)	30.12
19771	2" Std Port Banjo flange Adapter Kit for mag. fl. kit 01901,01821,01822,01823,01824,01825	35.14
20182	FM500 Rotor, PP with Nivapoint Shaft	89.21
21016	FM750 GFN & LF Housing with bearing (one half of flowmeter)	196.45

### Polmac Flowmeter Parts

11259-01	Polmac FM2000P & 3" Sensor (Green)	289.30
11259-02	Polmac Seeger Ring #48, 2"	15.61
11259-03	Polmac Tunnel 2"	53.00
11259-04	Polmac Shaft Holder 2"	12.50
11259-05	Polmac Turbine Shaft 2"	13.53
11259-06	Polmac Seeger Ring #10, 2"	13.53
11259-07	2" Polmac Flowmeter Rotor Bearing	68.67
11259-08	2" Polmac Flowmeter Spacer Washer	14.57
11259-09	2" Polmac SS Turbine	383.91
11259-10	2" Polmac Flowmeter Housing	303.43
11259-11	Polmac Rotor Shaft-Ceramic	68.67
11259-12	Polmac Rotor Bushing-Ceramic	24.54
11259-13	Polmac Rotor Support-Ceramic	138.37
11259-14	Polmac Rotor Support-Nylon	11.44
11259-15	Polmac Flow Sensor, sq. wave (Yellow)	216.45
12414-01	3" Polmac Rotor Repair Kit-Ceramic	384.99
12414-02	Polmac Flow Sensor, sinusoidal 3" (green)	307.93
12414-03	3" Polmac Flowmeter Turbine	931.16
12414-04	3" Flowmeter Rotor Shaft-Ceramic	68.67

### Flow Sensor Cables

13096	Speed/Flow Sensor, Hall -effect with MP Shroud, 5'	103.27
17392	Speed/Flow Sensor, Hall-effect with MP Shroud, 1'	79.00
18076	Speed/Flow Sensor, Hall-effect with Cannon Connector (Hiniker)	111.43
18205	Flow Sensor for FM2000 and FM3000 Polmac Flowmeters	391.96
19425	Flow Sensor for FM250 P Polmac Flowmeter	255.74
18105	Adapter Cable for Old Style Polmac Square Wave Sensor, MP Shroud, 3'	147.03
20268	Adapter Cable for Old Style Polmac Analog Sensor, WP Shroud, 3'	147.03
17827	Adapter Cable for Electro-Magnetic Flowmeter, with Divide by 8 Interface	165.88
17842	Adapter Cable for Electro-Magnetic Flowmeter without Divide by 8 Interface	74.05
16004	Adapter Cable, Electro-Magnetic Flowmeter to Raven Interface Cable, 10'	191.18
16005	Adapter Cable, Electro-Magnetic Flowmeter to John Deere Interface Cable, 10'	81.67
16006	Adapter Cable, Electro-Magnetic Flowmeter to TeeJet Interface Cable, 10'	96.93
01756	Flow Sensor Kit for Honeywell Flow Sensor	428.27

### Flow Control (Servos, control valves, parts)

19059	Gasket and Clamp Kit, 2" Flange (2 ea.)	41.27
19104	Liquid Servo Valve Replacement Powerhead (Viton) 2016-current	313.00
19503	Liquid Servo Valve Rplcmnt. Pwrhd. (Aqueous Ammonia w/EPDM O-rings), 2016-current	313.00
19505	NH3 Servo Valve Replacement Powerhead 2016-current	419.00
19811	NH3 Servo Valve Replacement Powerhead, retrofit 2005 model	419.00

### EMD Parts

18104	Electric Motor Driver Module, 10 Amp PWM	282.66
18072	Electric Motor Driver Module, 10 Amp Standard	282.66
18924	Electric Motor Driver Module, 10-Amp PWM with enable	285.00
18137	Power Cable, 3-pin WP, 20' with 10 Amp Fuse	111.58
18941	Motor Lead, 2-pin WP, 4'	29.66
14501	Motor Lead Extension Cable, 2-pin WP - 10 Amp EMD 5'	57.67
18385	Electric Motor Driver Module, 40 Amp PWM	591.10
18384	Electric Motor Driver Module, 40 Amp Standard	591.10
18925	Electric Motor Driver Module, 40-Amp PWM with enable	595.00
18419	Power Cable, 2-pin MP 480 Power, 20' with 40 Amp Fuse	190.24
18420	Motor Lead, 2-pin MP 480, 4'	56.06
17539	Adapter Cable, MT Servo to PWM Valve	35.34

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**Replacement Flowmeters cont.****EMD Parts cont.**

17279	Adapter Cable, EMD enable _____	20.09
19731	Adapter Cable, 2-pin PWM Control Signal Reversal Adapter _____	23.33
17871	Power Cable, 2-pin MP 280, 20' with 40 Amp Fuse, Old Style 40 Amp EMD _____	197.00
17872	Motor Lead, 2-pin MP 280, 4'; Old Style 40 Amp EMD _____	53.76
19087	Relay Module, Single Relay _____	206.77
18990	Relay Module, Dual Relays _____	283.15
18034	Adapter Cable, EMD Enable for SprayMate II (Enable Signal when all Sections are off) _____	89.20
01725	EMD Enable Kit for MT-3405 series (Enable Signal when all Sections are off) _____	437.00

**Miscellaneous Adapter Cables**

14793	Adapter Cable, Bulkhead Console Run/Hold _____	77.43
17108	Adapter Cable, Rawson/Mid-Tech Flow Sensor, 1' _____	37.92
14469	Adapter Cable, Solenoid, 3-Pin WPS to 1/4" QD _____	27.10
19088	Adapter Cable, PWM Hyd. Control, 6", 3-Pin WP Tower to 2-Pin Deutsch DT06-2S _____	44.16
19897	Adapter Cable, PWM Hyd. Control, 10', 3-Pin WP Tower to 2-Pin Deutsch DT06-2S _____	53.23
17539	Adapter Cable, MT Servo to PWM Valve Adapter Cable _____	35.34
17934	Adapter Cable, Servo Polarity Reversal Cable _____	27.87
18287	Adapter Cable, 3-pin WPS to WPS _____	37.37
18851	Adapter Cable, TeeJet Flow Sensor (adapts a Teejet flow sensor to MT flow input) _____	61.89
17846	*Adapter Cable, Hydraulic Poppet, 3-pin WPS to 2-pin MP Tower _____	25.38
19016	Adapter Cable, 3P WPS Section to 2P WPT Solenoid _____	28.54
14778	3-pin MPS, 30', pins A & C to flying leads generic run/hold adapter _____	53.00
19731	2-pin PWM Control Signal Reversal Adapter _____	23.33
19952	M12 Adapter Cable WPS-PGS _____	107.53
19954	M12 Adapter Cable MPS-PGS _____	105.55
15854	4-Wire Control Valve Adapter Cable _____	69.77
15855	4-Wire Control Valve Adapter Cable Kit (w/14315 Power Cable) _____	151.64

**Speed Adapter Cables****Astro Adapter Cables**

17338	Astro Adapter, 3-pin MP to MT-3000/5000 3-pin WP _____	65.82
17433	Astro Adapter, 4-pin AMP to 3-pin MP _____	208.89
17536	Astro Adapter, 3-pin WP to 3-Pin MP _____	42.64
18279	Astro Adapter, 3-pin MP to Raven/Dickey John Amp Y-Cable _____	123.42
18602	Astro Adapter, 3-pin MP to 3-pin MP/Dickey John AMP Y-cable _____	123.42

**Radar Adapter Cables**

14810	Radar Adapter for In-Cab John Deere MP 150 Connector _____	55.00
14811	Radar Adapter for In-Cab John Deere MP 150 Connector with y-cable _____	64.00
14812	Radar Adapter for DICKEY-john AMP Connector with y-cable _____	117.00
14813	Radar Adapter for DICKEY-john CANNON Connector with y-cable _____	117.00
14814	Radar Adapter for DICKEY-john DEUTSCH Connector with y-cable _____	117.00
14815	Radar Adapter for DICKEY-john PACKARD Connector with y-cable _____	117.00
14816	Radar Adapter for DICKEY-john FORD Connector with y-cable _____	117.00
14817	Radar Adapter for Raven CONXALL Connector with y-cable _____	117.00
19906	Radar Adapter for Raven CONXALL _____	69.00
14818	Radar Adapter for Magnavox & Phillips PACKARD Connector with y-cable _____	117.00
14926	Radar Adapter, 4-pin DJ to 3-pin MPS (Vansco) _____	64.00
17811	Radar Adapter for In-Cab John Deere 30 Series 7-Pin Amp _____	117.00
18041	Radar Adapter for In-Cab John Deere 1-Pin MP280 _____	24.00
18319	Radar Adapter for In-Cab Case MX (Britax) _____	117.00
18774	Radar Adapter for In-Cab Case FMX _____	117.00

**Astro Series GPS Speed Sensors - Other Makes and Models****Astro II GPS Speed Sensors (1 Hz)**

01413	Astro II with 4-pin DICKEY-john AMP _____	399.00
01414	Astro II with 4-pin DICKEY-john PACKARD _____	399.00
01415	Astro II with 3-pin Raven CONXALL _____	399.00
01416	Astro II with 4-pin Magnavox & Phillips PACKARD _____	399.00
01417	Astro II with 3-pin Spraying Systems #844 DEUTSCH _____	399.00
01419	Astro II with 3-pin Spraying Systems #855 DEUTSCH (round shell) _____	399.00
01420	Astro II with 3-pin Hiniker CANNON _____	438.00
01847	Astro II with 3-pin Amp Super Seal (HARDI) _____	399.00

\*NCNR

## Astro Series GPS Speed Sensors - Other Makes and Models cont.

### Astro 5 GPS Speed Sensors (5 Hz)

01428	Astro 5 with 4-pin DICKEY-john AMP _____	537.00
01429	Astro 5 with 4-pin DICKEY-john PACKARD _____	537.00
01430	Astro 5 with 3-pin Raven CONXALL _____	537.00
01431	Astro 5 with 4-pin Magnavox & Phillips PACKARD _____	537.00
01432	Astro 5 with 3-pin Spraying Systems #844 DEUTSCH _____	537.00
01433	Astro 5 with 3-pin Spraying Systems #855 DEUTSCH (round shell) _____	537.00
01435	Astro 5 with 3-pin Hiniker CANNON _____	573.00
01848	Astro 5 with 3-pin Amp Super Seal (HARDI) _____	537.00

### Vansco Radar and Radar Interface Cables

#### Radar / Magnetic Speed sensors - Radar adapter cables

01527	Vansco Radar Speed Sensor with Gen. I adapter cable _____	980.00
01528	Vansco Radar Speed Sensor with 4-pin AMP connector _____	957.00

#### Radar Interface Cables - adapts signal for older controllers ("divide by 8")

14214	Radar Interface for In-Cab John Deere MP 150 Connector _____	98.00
14215	Radar Interface for DICKEY-john AMP Connector _____	147.00
14216	*Radar Interface for DICKEY-john CANNON Connector _____	147.00
14217	Radar Interface for DICKEY-john DEUTSCH Connector _____	147.00
14218	Radar Interface for DICKEY-john FORD Connector _____	147.00
14219	Radar Interface for DICKEY-john PACKARD Connector _____	147.00
14220	Radar Interface for Magnavox & Phillips PACKARD Connector _____	147.00
14221	Radar Interface for Raven CONXALL Connector _____	147.00
14222	Radar Interface for In-Cab John Deere MP 150 Connector with y-cable _____	147.00
17880	Radar Interface for In-Cab John Deere 30 Series 7-pin Amp for LR products _____	155.15

#### Radar Y-Cables (For use with P/N 12758 Interface Modules)

11527	Y-Cable for DICKEY-john AMP Radar 1'(0.3m) _____	287.86
11529	Y-Cable for Magnavox and Phillips Radars 1'(0.3m) _____	133.92
11693	Y-Cable for DICKEY-john PACKARD Radar 1'(0.3m) _____	186.25
12095	Y-Cable for Raven Radar 1'(0.3m) _____	209.16
12689	*Y-Cable for DICKEY-john FORD Radar 1'(0.3m) _____	164.01
12798	*Y-Cable for DICKEY-john DEUTSCH Radar 1'(0.3m) _____	231.49

#### Radar Interface Adapter Cables (For use with P/N 12758 Interface Modules)

11461	Radar Module Adapter Cable (84C, FT 84C, FT 96C, 86S, YT 85) _____	35.87
12817	2-pin USIM Wire Assembly 5'(1.5m) _____	18.26
12953	In-Cab Adapter Cable for John Deere 8000 & 9000 Series 1.5'(0.5m) _____	62.10
17789	In-Cab Adapter Cable for John Deere 30 Series 7-pin Amp _____	117.00

#### Radar Power Cables

11528	Power Cable for DICKEY-john AMP Radar 6'(1.8m) _____	109.31
11530	Power Cable for Magnavox and Phillips Radars 6'(1.8m) _____	106.72
12690	*Power Cable for DICKEY-john FORD Radar 6'(1.8m) _____	107.74
12800	Power Cable for DICKEY-john DEUTSCH Radar 6'(1.8m) _____	106.70

#### Vansco Radar Parts and Adapter Cables

14019	4-pin DJ to 3-pin MP with Radar Interface (Vansco interface) _____	101.00
14024	Radar Interface Cable, 4-pin DJ to 2-pin Rolco - 1'(0.3m) _____	98.00
14025	4-pin DJ to 3-pin WP with Radar Interface (Vansco interface) _____	98.00
14026	*4-pin DJ Amp to DICKEY-john CANNON Connector 1'(0.3m) _____	132.00
14027	4-pin DJ Amp to DICKEY-john PACKARD Connector 1'(0.3m) _____	132.00
14028	*4-pin DJ Amp to DICKEY-john DEUTSCH Connector 1'(0.3m) _____	132.00
14029	4-pin DJ Amp to Magnavox PACKARD Connector 1'(0.3m) _____	132.00
14030	4-pin DJ Amp to Raven CONXALL Connector 1'(0.3m) _____	132.00
14031	*4-pin DJ Amp to Spraying Systems DEUTSCH Connector 1'(0.3m) _____	132.00
14039	4-pin DJ Amp to DICKEY-john FORD Connector 1'(0.3m) _____	132.00
14380	Cable for John Deere Performance Center (7000, 8000, 9000, Track Series) 1'(0.3m) _____	132.00
17389	Vansco Radar Mount Kit (new style) _____	46.40

**Raven Adapter Cables**

14611	Adapter Cable, Raven Flowmeter Interface to MT, with 5V Regulator	203.58
18664	Adapter Cable, Raven Flowmeter Interface to MT, no Regulator	113.75
17528	Adapter Cable, 8" Raven Servo Valve (old style) to MT	38.96
17324	Adapter Cable, 1', MT Servo to Raven (old style)	51.00
17325	Adapter Cable, 1', MT Flow/Speed Sensor w/3 Pin MP to Raven Conxall	82.00
19905	Adapter Cable, 7", MT to Raven NH3 Fast Valve	213.49
19907	Adapter Cable, 7", MT to Raven NH3 Fast Valve AND Raven NH3 Shut-off	321.54
16002	Adapter Cable, 9", MT Control Valve to Raven	108.52
16003	Adapter Cable, 9", MT KZ On/Off Valve to Raven	110.77
17442	MT Hall-effect Flow/Speed Sensor to Raven	123.26
16088	Adapter Cable, MT to Raven Shutoff	149.43

**Flowmeter Kits w/Flow Sensor that connects to Raven**

01980	FM270 LF Flowmeter Kit .5-15 GPM, 225 PSI, M200 flange, PP, SS & Nylon & Hastelloy	767.00
01980-P	FM270 LF Flowmeter Kit .5-15 GPM, 225 PSI, M200 flange, PP & Nylon & Hastelloy	537.00
01577	FM270 Flowmeter Kit 3.5-70 GPM, 225 PSI, M200 flange, PP, SS & Nylon & Hastelloy	714.00
01577-P	FM270 Flowmeter Kit 3.5-70 GPM, 225 PSI, M200 flange, PP & Nylon & Hastelloy	500.00
01578	FM10/100 Kit 10-100 GPM, 225 PSI, M200 flange, PP, SS & Nylon & Hastelloy	714.00
01578-P	FM10/100 Kit 10-100 GPM, 225 PSI, M200 flange, PP & Nylon & Hastelloy	517.00
02028	FM1500 SS Flowmeter Kit 10-130 GPM, 500 PSI, 1 1/2" FPT, SS & Nylon & Hastelloy	1,051.00
02028-P	FM1500 SS Flowmeter Kit 10-130 GPM, 500 PSI, 1 1/2" FPT, SS, PP & Nylon & Hastelloy	849.00
02029	FM1500 SS LF Flowmeter Kit 3.5-70 GPM, 500 PSI, 1 1/2" FPT, SS & Nylon & Hastelloy	1,100.00
02029-P	FM1500 SS LF Flowmeter Kit 3.5-70 GPM, 500 PSI, 1 1/2" FPT, SS, PP & Nylon & Hastelloy	880.00

**"Y" Cables**

17501	2 Pin MP 280 "Y" Cable - 1 - Shroud & 2 - Towers, 20" (25 Amp MC Dual Motor)	95.34
18422	2 Pin MP 480 "Y" Cable - 1 - Shroud & 2 - Towers, 2' (40 Amp EMD Dual Motor)	102.76
13872	3 Pin MP 150 "Y" Cable - 1 - Tower & 2 - Shrouds, 12" (1 - Speed Signal in & 2 - out)	145.39
18048	3 Pin MP 150 "Y" Cable - 1 - Shroud & 2 - Towers, 12" (2 - R/H Switches in & 1 - out)	77.56
16031	2 Pin MP 150 "Y" Cable - 1 - Shroud & 2 - Towers, 10' (7 Section RateKing Parallel Boom)	64.46

**Console Mount Kits and Parts**

10049	Console Mount Bracket, 82A - 84C size consoles	10.81
10050	Console Mount Washer, 82A, 84C size consoles	2.45
10051	Console Mount Knob, 82A - 84C size consoles	4.73
12888	Console Mount Knob, any black plastic consoles	5.57
12889	Console Mount Washer, any black plastic consoles	2.30
13181	Console Mount Kit, any black plastic consoles	27.16
10423	Console Mount Knob, RateKing or aluminum consoles measuring 8 - 11/16"	8.15
10470	Console Mount Washer, RateKing or aluminum consoles measuring 8 - 11/16"	4.44
13629	Console Mount Bracket, RateKing or aluminum consoles measuring 8 - 11/16"	18.72
13774	Console Mount Kit, RateKing or aluminum consoles measuring 8 - 11/16"	58.82
13254	Console Mount Kit, MT-9000 series	51.84
19960	Console Quick Mount kit, SprayMate XRS or any black plastic consoles	81.94

**Consoles and ISOmods**

17185	Calc-An-Acre II Console	370.00
14966	Sod-Pro II Console	602.00
14914	Shaft-Trak Console (low RPM)	505.00
14381	Shaft-Trak Console (standard)	505.00
18473	SafeGuard Console	881.00
17186	Flow-Trak II Console	671.00
19836	Flo-Pro Console	902.00
17996	MC-10 Manual Controller only, 10 amp	212.00
17997	MC-25 Manual Controller only, 25 amp	439.00
14935	MT-2405 II Console	619.00
17546	RoadMaster Console (PWM control)	1,520.00
17514	RoadMaster Console (standard control)	1,520.00
14869	SprayMate II Console	774.00
18700	SprayMate Plus Console	1,161.00
19884	RateKing XRS Console	2,053.00
19955	SprayMate XRS Console	1,452.00

**Consoles and ISOmods**

18715	RateKing Plus 3 Section Console _____	1,401.00
18701	RateKing Plus 5 Section Console _____	1,041.00
18716	RateKing Plus 7 Section Console _____	1,651.00
18717	RateKing Dual Plus 3 Section Console _____	2,414.00
18702	RateKing Dual Plus 5 Section Console _____	2,414.00
18718	RateKing Dual Plus 7 Section Console _____	2,789.00
17011	GSC-1000 Console (PWM control) _____	1,191.00
17010	GSC-1000 Console (standard control) _____	1,191.00
14956	MT-NH3 II Console _____	1,129.00
17766	Trak-Record II Console _____	750.80
01375	*Whirlwind Console Kit _____	816.00
17289	ProPlant Console _____	1,461.00
19667	Dual ISOmod Module _____	1,631.00
17899	DrillMaster Console _____	1,060.00
18154	FlowMate console _____	366.00

**System Manuals and Instruction Sheets (net price only)**

10154	Calc-An-Acre 84C - System Manual _____	net 11.83
17192	Calc-An-Acre II - System Manual _____	net 11.83
13184	Calc-An-Acre LR - System Manual _____	net 11.83
12813	Flow-Trak FT84C, FT96C - System Manual _____	net 11.83
17193	Flow-Trak II - System Manual _____	net 11.83
12245	MT-3000 - System Manual _____	net 11.83
13756	MT-2405 F - System Manual _____	net 11.83
13862	MT-2405 F (NH3 Specific) - System Manual _____	net 11.83
14904	MT-2405 F II (NH3 Specific) - System Manual _____	net 11.83
17290	MT-3405 D - System Manual _____	net 11.83
13773	MT-3405 F - System Manual _____	net 11.83
17020	MT-3405 FTW II - System Manual _____	net 11.83
14946	MT-3405 F II (NH3 Specific) - System Manual _____	net 11.83
18080	Twin Pump Controller - System Manual _____	net 11.83
13255	MT-9000 - System Manual _____	net 11.83
13797	MT-9000 (NH3 Specific) - System Manual _____	net 11.83
17545	RoadMaster PWM - System Manual _____	net 11.83
17544	RoadMaster STD - System Manual _____	net 11.83
14943	SprayMate II - System Manual _____	net 11.83
18770	SprayMate Plus (2014 to current) - System Manual _____	net 11.83
18209	SprayMate Plus (prior to 2014) - System Manual _____	net 11.83
19862	RateKing XRS - System Manual _____	net 11.83
19959	SprayMate XRS - System Manual _____	net 11.83
18836	RateKing Dual Plus - System Manual _____	net 11.83
18844	SafeGuard ISOMOD - System Manual _____	net 11.83
18864	RateKing Plus - System Manual _____	net 11.83
19603	Dual ISOmod - System Manual _____	net 11.83
17040	GSC-1000 - System Manual _____	net 11.83
14955	MT-NH3 II - System Manual _____	net 11.83
13604	MT-NH3 - System Manual _____	net 11.83
17767	Trak-Record II - System Manual _____	net 11.83
14479	Whirlwind - System Manual _____	net 11.83
19830	Flo-Pro - System Manual _____	net 11.83
13241	Flow-Trak FT97LR - System Manual _____	net 11.83
17329	ProPlant - System Manual _____	net 11.83
17633	Micro-Trak Liquid/NH3 - System Manual _____	net 11.83
17037	Sod-Pro II - System Manual _____	net 11.83
50318	DrillMaster - System Manual _____	net 11.83
50173	NH3 Safety Manual _____	net 11.83
50346	FlowMate - Instruction Sheet _____	net 6.61
50332	MC-10 Manual Controller - Instruction Sheet _____	net 6.61
50236	MC-25 Manual Controller - Instruction Sheet _____	net 6.61



**Installation/Operation's Manual and Instruction Sheets (net price only) cont.**

50271	MT-3407 F II - Instruction Sheet _____	net 6.61
50209	Shaft-Trak - Instruction Sheet _____	net 6.61
50268	Vansco Radar - Instruction Sheet _____	net 6.61
50290	Raven 440/450 NH3 Control - Instruction Sheet _____	net 6.61
50291	Raven 440/450 Liquid Control - Instruction Sheet _____	net 6.61
50406	SprayMate Plus to Raven 440 Adapter w/CPC Female Connector - Instruction Sheet _____	net 6.61
50414	SprayMate Plus to Raven 440 Adapter w/CPC Male (old style) - Instruction Sheet _____	net 6.61
50281	Topcon 30S ECU NH3 Control - Instruction Sheet _____	net 6.61
50282	Topcon 30S ECU Liquid Control - Instruction Sheet _____	net 6.61
50284	Greenstar NH3 Control - Instruction Sheet _____	net 6.61
50285	Greenstar Liquid Control - Instruction Sheet _____	net 6.61
50287	Trimble EZ Boom NH3 Control - Instruction Sheet _____	net 6.61
50288	Trimble EZ Boom Liquid Control - Instruction Sheet _____	net 6.61
50371	SafeGuard Console - System Manual _____	net 6.61

**Demonstration Displays**

Includes electronic display, console(s) and 110 volt power supply (net price only)

01478	*Demonstration Display, SafeGuard _____	net 1,444.08
01479	*Demonstration Display, RoadMaster _____	net 757.88
01483	*Demonstration Display, Shaft-Trak _____	net 357.72
01484	*Demonstration Display, GSC-1000 _____	net 660.87
01485	*Demonstration Display, MT-NH3 II _____	net 666.93
01488	*Demonstration Display, SprayMate II _____	net 672.99
01489	*Demonstration Display, Calc-An-Acre II & Flow-Trak II _____	net 697.25
01490	*Demonstration Display w/o console or adapter _____	net 478.98
01495	*Demonstration Display, RateKing Plus _____	net 928.14
01497	*Demonstration Display, RateKing Dual Plus _____	net 1,265.67
01841	*Demonstration Display, SprayMate Plus _____	net 833.73
01903	*Demonstration Display, SafeGuard Upgrade to ISOmod _____	net 280.00
02002	*Demonstration Display, SafeGuard Retrofit Kit (Update to Amphenol plugs) _____	net 292.00
02003	*Demonstration Display, SafeGuard Retrofit Kit w/ISOmod (Amphenol plugs) _____	net 510.00
02033	*Demonstration Display, SprayMate XRS _____	net 843.20
40203	*Demonstration Display Adapter Cable, SprayMate II, RoadMaster _____	net 40.71
40204	*Demonstration Display Adapter Cable, MT-2405 F II _____	net 81.02
40205	*Demonstration Display Adapter Cable, MT-3405 F II, MT-3405 D, MT-9000 _____	net 38.34
40206	*Demonstration Display Adapter Cable, MT-NH3 II _____	net 30.88
40209	*Demonstration Display Adapter Cable, Calc-An-Acre II/Flow-Trak II _____	net 58.52
40267	*Demonstration Display Adapter Cable, SprayMate Plus _____	net 37.91
40311	*Demonstration Display Adapter Cable, RateKing Plus/Dual Plus _____	net 40.15
40312	*Demonstration Display Adapter Cable, RateKing Dual Plus Channel 2 _____	net 30.11
40328	*Demonstration Display Adapter Cable, SprayMate XRS _____	net 37.91
40319	*Demonstration Display Indicator Light Assembly for Unit Multifunction _____	net 20.96

**Diagnostic and Service Tools (net price only)**

13521	Crimping Tool Weather Pack _____	net 171.53
13522	Crimping Tool Kit, Metri-Pack _____	net 224.34
13523	Terminal Removal Tool, Weather _____	net 14.55
13524	Terminal Removal Tool, Metri-Pack _____	net 14.55
01462	Speed/Flow Simulator _____	net 65.48
19953	ISOmod Programming Cable Kit _____	net 115.63
18926	ISOmod Programming Adapter Cable _____	net 28.51
19951	USB to RS232 Adapter Cable _____	net 82.51

## Discontinued MT Monitors and Controllers

### MT-3000 and MT-5000

10474	Compression Fitting Kit _____	36.28
11311	M-T Servo Valve Cable with boost wire 5' _____	63.21
10415	MT-3000 Main Wiring Harness (Liquid) 12' _____	391.67
11039	NH3 Main Harness (MT-3000) _____	323.32
11037	Plumbing Panel Harness (MT-3000, MT-5000, TN-7000) 3' _____	100.31
10485	Pressure Tubing Extension Kit 15' _____	47.88
11203	Snubber Washer Kit w/o-ring _____	16.62
10419	Solenoid Cable (MT-3000) 3' _____	38.58

### Calc-An-Acre - models 82A & 84C

10073	Power Cable (82A) 8' _____	44.68
10085	Extension Cable for Speed and Run/Hold (82A, 84C) 20' (6.1m) _____	74.88

### Flow-Trak - models 84C - 96C

10085	Extension Cable for Speed and Run/Hold (82A, 84C) 20' (6.1m) _____	74.88
10195	Extension Cable for Flow Sensor (FT 84C, FT 96C) 20' (6.1m) _____	74.86

### MT-3400 Series

17421	10-pin MP Boom Extension Harness (MT-3407 F II) 10' _____	158.41
14469	3-Pin WPS to 1/4" QD Solenoid Adapter Cable _____	27.10
17436	Boom Branch Harness (MT-3405 F II) 10' _____	191.61
17419	Boom Branch Harness (MT-3407 F II) 10' _____	203.06
13115	Boom Shutoff/Relief Cable 5' _____	32.42
17159	Bulkhead Console 5-boom 2-wire Ball Valve Adapter Cable _____	643.04
14319	Bulkhead Console Boom Branch Harness 10' _____	219.03
14320	Bulkhead Console Flow, Servo, Run/Hold Harness 10' _____	152.73
14318	Bulkhead Console Power, Boom Harness 10' _____	399.50
14793	Bulkhead Console Run/Hold Adapter Cable _____	77.43
17148	Channel 2 Liquid Branch Harness 10' (MT-3405 D) _____	207.49
17184	Channel 2 Liquid Harness (MT-3405 D) _____	322.00
17165	Channel 2 Local Speed Adapter Cable _____	113.00
17437	Console Power, Boom Harness (MT-3407 F II) 10' _____	413.46
01725	Master Control Kit EMD Multi-Section (MT-3405 F II) _____	437.00
13116	MT-3400 Flow, Speed, Servo, Boom Harness 5' _____	233.16
13088	*MT-3400 LR1 Run/Hold, Boom, Boost Harness 5' _____	241.37
13083	MT-3405 F & FTW Flow, Run/Hold, Servo Boom Harness (Pigtail version) 5' _____	186.79
13762	MT-3405 F Boom, Boost, Relief Harness (Pigtail version) _____	115.59
13763	MT-3405 F Boom, Speed Harness (Pigtail version) _____	130.66
17739	Multi Section Boom Master Module (1-5 Sections) _____	265.67
17529	Multi Section NH3 Branch Harness (1-5 Sections) 2' _____	195.61
14366	NH3 Main Harness (MT-3405 F & F II & MT-9000 with bulkhead connection) 10' _____	304.49
13276	NH3 Main Harness (MT-3405 F & MT-9000 pigtail version) 10' _____	228.80
17316	Parallel Boom Harness Kit (MT-3405 D) _____	967.00
17420	Servo, Flow, Boom Branch Harness (MT-3407 F II) 10' _____	164.82

### MT-3405D

01725	Master Control Kit EMD Multi-Section (MT-3405 F II) _____	437.00
13115	Boom Shutoff/Relief Cable 5' _____	32.42
14318	Bulkhead Console Power, Boom Harness 10' _____	399.50
14319	Bulkhead Console Boom Branch Harness 10' _____	219.03
14320	Bulkhead Console Flow, Servo, Run/Hold Harness 10' _____	152.73
14793	Bulkhead Console Run/Hold Adapter Cable _____	77.43
17148	Channel 2 Liquid Branch Harness 10' (MT-3405 D) _____	207.49
17159	Bulkhead Console 5-boom 2-wire Ball Valve Adapter Cable _____	643.04
17165	Channel 2 Local Speed Adapter Cable _____	113.00
17184	Channel 2 Liquid Harness (MT-3405 D) _____	322.00
17316	Parallel Boom Harness Kit (MT-3405 D) _____	967.00
14469	3-Pin WPS to 1/4" QD Solenoid Adapter Cable _____	27.10
17436	Boom Branch Harness (MT-3405 F II) 10' _____	191.61
17529	Multi Section NH3 Branch Harness (1-5 Sections) 2' _____	195.61
17739	Multi Section Boom Master Module (1-5 Sections) _____	265.67
18413	Boom Y cable, MT-3405 series _____	146.00

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## Discontinued MT Monitors and Controllers cont.

### Twin Pump Controller

14582	Harness, 10' Speed/Flow with Run/Hold _____	116.33
14583	Harness, 30' Speed/Flow with Run/Hold _____	202.33
14584	Harness, 10' Boom Branch _____	210.44
14585	Harness, 30' Boom Branch _____	388.24
14588	Cable, 15' 16Ga 5-Pin MP Ext. _____	180.03
14589	Cable, 15' 12Ga 2-Conductor WP Ext _____	93.67
14600	Power/Module Cable 20', 5-pin MP Whirlwind _____	198.17
14607	Cable, Local Speed _____	145.59
18018	Cable, 10' Pump _____	65.84
18019	Cable, 30' Pump _____	147.38

### MT-9000

13115	Boom Shutoff/Relief Cable 5' _____	32.42
17159	Bulkhead Console 5-boom 2-wire Ball Valve Adapter Cable _____	643.04
14319	Bulkhead Console Boom Branch Harness 10' _____	219.03
14320	Bulkhead Console Flow, Servo, Run/Hold Harness 10' _____	152.73
14318	Bulkhead Console Power, Boom Harness 10' _____	399.50
13083	MT-3405 F & FTW Flow, Run/Hold, Servo Boom Harness (Pigtail version) 5' _____	186.79
17739	Multi Section Boom Master Module (1-5 Sections) _____	265.67
17529	Multi Section NH3 Branch Harness (1-5 Sections) 2' _____	195.61
14366	NH3 Main Harness (MT-3405 F & F II & MT-9000 with bulkhead connection) 10' _____	304.49
13256	Pressure Sensor with cable (Liquid and NH3) 5' 250 PSI (17 Bar) _____	613.43
13084	Pressure, Boom, Boost Harness (Pigtail version) 5' _____	225.56
13085	Return Flow, Speed, Boom Harness (Pigtail version) 5' _____	204.42

### Trak Record II

17771	Trak-Record II Power Cable _____	42.04
17787	USB Flash Drive - 128meg _____ net	58.81
01619	Trak-Record II (if GPS coordinates desired requires 01437 Astro 5) _____	675.00

### Whirlwind

14600	Power/Module Cable 20', 5-pin MP Whirlwind _____	198.17
14282	Boot for 1" Whirlwind Sensor _____	19.00
14283	Boot for 1 1/4" Whirlwind Sensor _____	20.42
14459	*Whirlwind Blockage Module _____	576.15
01376	*Whirlwind Blockage Module Kit with 15' 7-pin extension _____	495.00
01380	*Whirlwind Shaft RPM Module Kit with 15' 7-pin extension _____	441.00
14672	*Whirlwind Shaft Module _____	576.15
14690	Whirlwind Fan Module _____	565.34
14691	*Whirlwind Bin Level Module _____	565.33
01544	Bin Level Sensor Kit _____	127.00

## Speed and Run/Hold Sensor Parts

### Model 82A, 84C, 86S style consoles

10074	Speed and Run/Hold Sensor Cable (82A, 84C) 16' _____	87.03
10083	Speed and Run/Hold Sensor Kit (82A, 84C) _____	113.95
10316	Speed Sensor Cable (86S) 9' _____	76.20
10075	Hardware Bag (82A, 84C) _____	11.30

### MT-3000 / 5000

10416	Speed and Run/Hold Sensor Cable 5' (MT-3000/5000) _____	58.00
10514	Magnetic Speed Sensor Kit (MT-3000/5000) _____	107.66
13561	Hall-effect Sensor Adapter Cable, MT-3000 / 5000 _____	57.37

### Astro GPS Speed Sensor - Discontinued Micro-Trak Products

01411	Astro II with 3-pin WP - MT-3000/5000 _____	399.00
01412	Astro II with 2-pin Round M-T Old Style Calc-An-Acre, Flow-Trak, Speed-O-Meter _____	399.00
01426	Astro 5 with 3-pin MT-3000/5000 with MP _____	537.00
01427	Astro 5 with 2-pin Round M-T Old Style Calc-An-Acre, Flow-Trak, Speed-O-Meter _____	537.00

### Radar/ Vehicle Interface Modules - For use with 84C, FT 84C, FT 96C, 86S, MT-3000, MT-5000, Trak-Net, ST-424

12758	Radar/GM Interface Module (3-pin WP connector for speed) _____	187.04
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### Flowmeter Kits for older Flow-Trak Models FT 84C and FT 96C, and Flo-Pro

00105	FM750 SS Flowmeter Kit, 2-40 GPM, 500 PSI, 16' cable, 2-pin Rolco _____	784.00
00168	FM750 GFN Flowmeter Kit, 2-40 GPM, 150 PSI, 16' cable, 2-pin Rolco _____	475.00
00257	FM750 SS Flowmeter Kit (ceramic bearings) 2-40 GPM, 500 PSI, 16' cable, Rolco _____	784.00
00265	FM270 Flowmeter Kit 3.5-70 GPM, 225 PSI, 16' cable, 2-pin Rolco _____	747.00
00265-P	FM270 Flowmeter Kit 3.5-70 GPM, 225 PSI, 16' cable, 2-pin Rolco _____	475.00
00267	FM10/100 Flowmeter Kit 10-100 GPM, 225 PSI, 16' cable, 2-pin Rolco _____	773.00
00267-P	FM10/100 Flowmeter Kit 10-100 GPM, 225 PSI, 16' cable, 2-pin Rolco _____	491.00
00195	FM1500 SS Flowmeter Kit 10-130 GPM, 500 PSI, 16' cable, 2-pin Rolco _____	1,131.00
00195-P	FM1500 SS Flowmeter Kit 10-130 GPM, 500 PSI, 16' cable, 2-pin Rolco _____	812.00
00163	FM2000 P Flowmeter Kit 19-198 GPM, 285 PSI, 12' cable, 2-pin Rolco _____	1,305.00

### Flowmeter Kits for MT-3000 and MT-5000

00169	FM750 GFN Flowmeter Kit 2-40 GPM, 150 PSI, 5' cable, 3-pin WP _____	413.00
00130	FM750 SS Flowmeter Kit 2-40 GPM, 500 PSI, 5' cable, 3-pin WP _____	716.00
00258	FM750 SS Flowmeter Kit (ceramic bearings) 2-40 GPM, 500 PSI, 5' cable, 3-pin WP _____	716.00
00201	FM1000 SS Flowmeter Kit 3.5-70 GPM, 500 PSI, 5' cable, 3-pin WP _____	787.00
00266	FM270 Flowmeter Kit 3.5-70 GPM, 225 PSI, 5' cable, 3-pin WP _____	661.00
00266-P	FM270 Flowmeter Kit 3.5-70 GPM, 225 PSI, 5' cable, 3-pin WP _____	448.00
00197	FM1500 SS Flowmeter Kit 10-130 GPM, 500 PSI, 5' cable, 3-pin WP _____	1,036.00
00197-P	FM1500 SS Flowmeter Kit 10-130 GPM, 500 PSI, 5' cable, 3-pin WP _____	797.00
00160	FM2000 P Flowmeter Kit 19-198 GPM, 285 PSI, 3' cable, 3-pin WP _____	1,194.00

### Flow Sensors

10417	Flow Sensor Cable 5' (MT-3000/5000) _____	74.11
10132	Flow Sensor Cable (FT 84C, FT 96C) 16' _____	88.55

**INDEX**

**REPLACEMENT PARTS**

**ACCESSORIES**

**SYSTEMS**

# Index by Part Number

00105	FM750 SS Flowmeter Kit, 2-40 GPM, 500 PSI, 16' cable, 2-pin Rolco	784.00
00130	FM750 SS Flowmeter Kit, 2-40 GPM, 500 PSI, 5' cable, 3-pin WP	716.00
00160	FM2000 P Flowmeter Kit, 19-198 GPM, 285 PSI, 3' cable, 3-pin WP	1,194.00
00163	FM2000 P Flowmeter Kit, 19-198 GPM, 285 PSI, 12' cable, 2-pin Rolco	1,305.00
00168	FM750 GFN Flowmeter Kit, 2-40 GPM, 150 PSI, 16' cable, 2-pin Rolco	475.00
00169	FM750 GFN Flowmeter Kit, 2-40 GPM, 150 PSI, 5' cable, 3-pin WP	413.00
00195	FM1500 SS Flowmeter Kit, 10-130 GPM, 500 PSI, 16' cable, 2-pin Rolco	1,131.00
00195-P	FM1500 SS Flowmeter Kit 10-130 GPM, 500 PSI, 16' cable, 2-pin Rolco	812.00
00197	FM1500 SS Flowmeter Kit, 10-130 GPM, 500 PSI, 5' cable, 3-pin WP	1,036.00
00197-P	FM1500 SS Flowmeter Kit 10-130 GPM, 500 PSI, 5' cable, 3-pin WP	797.00
00201	FM1000 SS Flowmeter Kit, 3.5-70 GPM, 500 PSI, 5' cable, 3-pin WP	787.00
00257	FM750 SS Flowmeter Kit, Ceramic Bearings, 2-40 GPM, 500 PSI, 16' cable, 2-pin Rolco	784.00
00258	FM750 SS Flowmeter Kit, Ceramic Bearings, 2-40 GPM, 500 PSI, 5' cable, 3-pin WP	716.00
00265	FM270 Flowmeter Kit, 3.5-70 GPM, 225 PSI, 16' cable, 2-pin Rolco	747.00
00265-P	FM270 Flowmeter Kit 3.5-70 GPM, 225 PSI, 16' cable, 2-pin Rolco	475.00
00266	FM270 Flowmeter Kit, 3.5-70 GPM, 225 PSI, 5' cable, 3-pin WP	661.00
00266-P	FM270 Flowmeter Kit 3.5-70 GPM, 225 PSI, 5' cable, 3-pin WP	448.00
00267	FM10/100 Flowmeter Kit, 10-100 GPM, 225 PSI, 16' cable, 2-pin Rolco	773.00
00267-P	FM10/100 Flowmeter Kit 10-100 GPM, 225 PSI, 16' cable, 2-pin Rolco	491.00
01000	Calc-An-Acre II with magnetic wheel sensor	476.00
01001	Calc-An-Acre II (select speed sensor)	411.00
01020	Flow-Trak II with FM750 GFN flowmeter, magnetic wheel sensor	1,303.00
01021	Flow-Trak II Customized (select speed sensor and flowmeter kits)	711.00
01067	MC-10 Manual Controller Kit	252.00
01068	MC-25 Manual Controller Kit	480.00
01144	MT-NH3 II Console Kit for NH3 (Requires Liquifier Kit)	1,190.00
01170	Flow-Trak II with FM750 GFN flowmeter - select speed sensor	1,116.00
01171	SprayMate II with FM750 GFN flowmeter, 1" servo valve - select speed sensor	1,560.00
01188	SprayMate II Starter Fertilizer Kit, with FM500, 40-amp EMD, - select speed sensor	1,827.00
01196	SprayMate II Starter Fertilizer Kit with FM750 LF, 40-amp EMD, - select speed sensor	1,919.00
01200	ProPlant Single Section Mounted Harness Kit	152.00
01201	ProPlant Single Section Drawn Harness Kit	359.00
01202	ProPlant Multiple Drive Mounted Harness Kit	221.00
01203	ProPlant Multiple Drive Drawn Harness Kit	431.00
01204	ProPlant Console Kit	1,542.00
01209	4.9 CID #40 3/4" Hydraulic Drive Kit (P)	3,107.00
01210	4.9 CID #40 3/4" Hydraulic Drive Kit (S)	3,107.00
01211	4.9 CID #40 7/8" Hydraulic Drive Kit (P)	3,107.00
01212	4.9 CID #40 7/8" Hydraulic Drive Kit (S)	3,107.00
01224	MT-2405 F II with FM750 GFN flowmeter, 1" servo valve, magnetic wheel sensor	1,557.00
01226	MT-2405 F II Customized (use with existing section switches)	659.00
01323	Shaft-Trak without sensors	545.00
01330	Shaft-Trak with 1 shaft sensor	607.00
01331	Shaft-Trak with 2 shaft sensors	696.00
01332	Shaft-Trak with 3 shaft sensors	734.00
01333	Shaft-Trak with 4 shaft sensors	793.00
01334	Shaft-Trak with 5 shaft sensors	857.00
01335	Shaft-Trak with 6 shaft sensors	917.00
01340	SprayMate II with FM750 GFN flowmeter, 1" servo valve, magnetic wheel sensor	1,750.00
01341	SprayMate II Customized (3 section switches)	835.00
01349	SprayMate Plus Customized (3 section switches)	1,221.00
01352	SprayMate Plus Complete wFM750 GFN, 1" Servo-& Magnetic Speed Sensor	2,136.00
01375	*Whirlwind Console Kit	816.00
01376	*Whirlwind Blockage Module Kit with 15' 7-pin extension	495.00
01380	*Whirlwind Shaft RPM Module Kit with 15' 7-pin extension	441.00
01402	GSC-1000 Customized (standard control)	1,251.00
01403	GSC-1000 Customized (PWM control)	1,251.00
01404	Sod-Pro II Customized (select speed sensor)	642.00
01410	Astro II GPS with 3-pin MP (1 Hz)	399.00

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## Index by part number cont.

01411	Astro II with 3-pin WP - MT-3000/5000 _____	399.00
01412	Astro II with 2-pin Round M-T Old Style Calc-An-Acre, Flow-Trak, Speed-O-Meter _____	399.00
01413	Astro II with 4-pin DICKEY-john AMP _____	399.00
01414	Astro II with 4-pin DICKEY-john PACKARD _____	399.00
01415	Astro II with 3-pin Raven CONXALL _____	399.00
01416	Astro II with 4-pin Magnavox & Phillips PACKARD _____	399.00
01417	Astro II with 3-pin Spraying Systems #844 DEUTSCH _____	399.00
01419	Astro II with 3-pin Spraying Systems #855 DEUTSCH (round shell) _____	399.00
01420	Astro II with 3-pin Hiniker CANNON _____	438.00
01425	Astro 5 GPS with 3-pin MP (5 Hz) _____	537.00
01426	Astro 5 with 3-pin MT-3000/5000 with MP _____	537.00
01427	Astro 5 with 2-pin Round M-T Old Style Calc-An-Acre, Flow-Trak, Speed-O-Meter _____	537.00
01428	Astro 5 with 4-pin DICKEY-john AMP _____	537.00
01429	Astro 5 with 4-pin DICKEY-john PACKARD _____	537.00
01430	Astro 5 with 3-pin Raven CONXALL _____	537.00
01431	Astro 5 with 4-pin Magnavox & Phillips PACKARD _____	537.00
01432	Astro 5 with 3-pin Spraying Systems #844 DUETSCH _____	537.00
01433	Astro 5 with 3-pin Spraying Systems #855 DUETSCH (round shell) _____	537.00
01435	Astro 5 with 3-pin Hiniker CANNON _____	573.00
01437	Astro 5 with 3-pin Metri-Pak & GPS output - For use with Trak-Record II _____	573.00
01462	Speed/Flow Simulator _____	net 65.48
01463	Shaft-Trak Low RPM with 0 sensor Kits _____	545.00
01464	Shaft-Trak Low RPM with 1 sensor Kits _____	607.00
01465	Shaft-Trak Low RPM with 2 sensor Kits _____	696.00
01466	Shaft-Trak Low RPM with 3 sensor Kits _____	734.00
01467	Shaft-Trak Low RPM with 4 sensor Kits _____	793.00
01468	Shaft-Trak Low RPM with 5 sensor Kits _____	857.00
01469	Shaft-Trak Low RPM with 6 sensor Kits _____	917.00
01478	*SafeGuard Demonstration Display _____	net 1,444.08
01479	*Demonstration Display - RoadMaster _____	net 757.88
01483	*Demonstration Display - Shaft-Trak _____	net 357.72
01484	*Demonstration Display - GSC-1000 _____	net 660.87
01485	*Demonstration Display - MT-NH3 II _____	net 666.93
01488	*Demonstration Display - SprayMate II _____	net 672.99
01489	*Demonstration Display - Calc-An-Acre II & Flow-Trak II _____	net 697.25
01490	*Demonstration Display w/o console or adapter _____	net 478.98
01495	*Demonstration Display - RateKing Plus _____	net 928.14
01497	*Demonstration Display - RateKing Dual Plus _____	net 1,265.67
01500	FM500 Flowmeter Kit .5-5 GPM, 500 PSI, 1/2" FPT, PP & Hastelloy _____	402.00
01501	FM750 GFN Flowmeter Kit 2-40 GPM, 150 PSI, 3/4" FPT, Nylon & Hastelloy _____	402.00
01504	FM750 SS Flowmeter Kit 2-40 GPM, 500 PSI, 3/4" FPT, SS & Nylon & Hastelloy _____	726.00
01505	FM1000 SS Flowmeter Kit 3.5-70 GPM, 500 PSI, 1" FPT, SS & Nylon & Hastelloy _____	787.00
01506	FM1500 SS Flowmeter Kit 10-130 GPM, 500 PSI, 1 1/2" FPT, SS & Nylon & Hastelloy _____	1,036.00
01506-P	FM1500 SS Flowmeter Kit, 10-130 GPM, 500 PSI, 1 1/2" FPT, PP & Nylon & Hastelloy _____	797.00
01507	FM750 SS Flowmeter Kit (with ceramic bearings) 2-40 GPM, 500 PSI, 3/4" FPT _____	726.00
01511	FM2000 P Flowmeter Kit 19-198 GPM, 285 PSI, M200 Flange, Nylon & SS & Ceramic _____	1,194.00
01513	FM3000 P Flowmeter Kit 40-396 GPM, 285 PSI, 3" MPT, Nylon & SS & Ceramic _____	1,563.00
01514	FM10/100 Flowmeter Kit 10-100 GPM, 225 PSI, M200 flange, PP & Nylon & Hastelloy _____	685.00
01514-P	FM10/100 Flowmeter Kit 10-100 GPM, 225 PSI, M200 flange, PP & Nylon & Hastelloy _____	465.00
01515	FM270 Flowmeter Kit 3.5-70 GPM, 225 PSI, M200 flange, PP & Nylon & Hastelloy _____	661.00
01515-P	FM270-P Flowmeter Kit, 3.5-70 GPM, 225 PSI, M200 flange, PP & Nylon & Hastelloy _____	448.00
01519	FM1500 SS LF Flowmeter Kit 3.5-70 GPM, 500 PSI, 1 1/2" FPT, SS & Nylon & Hastelloy _____	1,080.00
01519-P	FM1500-P SS LF Flowmeter Kit, 3.5-70 GPM, 500 PSI, 1 1/2" FPT, PP & Nylon & Hastelloy _____	828.00
01526	Vansco Radar Speed Sensor with Gen. II adapter Cable _____	980.00
01527	Vansco Radar Speed Sensor with Gen. I adapter cable _____	980.00
01528	Vansco Radar Speed Sensor with 4-pin AMP connector _____	957.00
01530	Hall-effect Magnetic Wheel Speed Sensor Kit (with 10' Ext. cable) _____	192.00
01531	Hall-effect Magnetic Wheel Speed Sensor Kit (with 15' Ext. cable) _____	209.00
01533	Hall-effect Magnetic Drive Shaft Speed Sensor Kit (without Ext Cable) _____	105.00

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## Index by part number cont.

01535	Run/Hold Sensor Kit (Hall-effect sensor, 1 magnet, 10' ext. cable) _____	164.06
01536	*Relay Kit (Flow-Trak 97 LR) _____	97.67
01539	RPM / Shaft Sensor Kit _____	110.24
01544	Bin Level Sensor Kit _____	127.00
01554	Proximity Sensor Kit w/ 15' cable _____	301.00
01559	Relay Kit (MT-2405 F & F II) _____	122.26
01577	FM270 Flowmeter Kit for Raven, 3.5-70 GPM, 225 PSI _____	714.00
01577-P	FM270 Flowmeter Kit 3.5-70 GPM, 225 PSI, M200 flange, PP & Nylon & Hastelloy _____	500.00
01578	FM10/100 Flowmeter for Raven, 10-100 GPM, 225 PSI _____	714.00
01578-P	FM10/100 Kit 10-100 GPM, 225 PSI, M200 flange, PP & Nylon & Hastelloy _____	517.00
01586	AgLeader DirectCommand Single Section NH3 Harness Kit _____	600.00
01587	AgLeader DirectCommand Five Section NH3 Harness Kit _____	1,193.00
01590	RoadMaster Customized (standard control) _____	1,601.00
01591	RoadMaster Customized (PWM control) _____	1,601.00
01592	Servo Valve Signal Chopper (REQUIRED with Micro-Trak servo valve) _____	200.00
01596	Raven 440/450 Single Section NH3 Harness Kit _____	580.00
01597	Raven 440/450 Five Section NH3 Harness Kit _____	798.00
01619	Trak-Record II (if GPS coordinates desired requires 01437 Astro 5) _____	675.00
01650	FM750 GFN LF Flowmeter Kit .5-12 GPM, 150 PSI, 3/4" FPT, Nylon & Hastelloy _____	497.00
01651	AgLeader DirectCommand Kit for Liquid _____	392.00
01680	DrillMaster Mounted 1-Section Harness Kit _____	150.00
01682	DrillMaster Console Kit _____	1,120.00
01684	DrillMaster Drawn 3-Section Kit _____	936.00
01685	4.9 CID #40 DM Hydraulic Drive Kit (P) _____	2,202.00
01691	DrillMaster Drawn 2-Section Kit _____	839.00
01707	4.9 CID #40 DM Hydraulic Drive Kit (S) _____	2,202.00
01725	Master Control Kit EMD Multi-Section (MT-3405 F II) _____	437.00
01739	FlowMate Flow Monitor Customized (select flowmeter Kit) _____	406.00
01740	FlowMate Flow Monitor with FM750 Low Flow (LF) GFN _____	902.00
01741	FlowMate Flow Monitor with FM750 GFN _____	808.00
01744	RoadMaster Blast/Run/Hold Remote Switch Box with 3-pin MP Connector _____	190.00
01745	PWM Valve, 8 gpm with adapter cable _____	596.00
01749	MM238 Flowmeter Kit - 12 to 238 GPM, 290 PSI, 2" MPT, PP & SS _____	1,117.00
01756	Honeywell Flow Sensor Kit _____	428.27
01757	40-Amp Standard Electric Motor Driver Kit _____	624.00
01758	40-Amp PWM Electric Motor Driver Kit _____	624.00
01772	Liquifier Cooler Retro Kit _____	2,524.00
01775	Liquifier Max Cooler Retro Kit _____	6,442.00
01781	Dual Controller Parallel Boom "Y" Cable Kit _____	376.54
01815	Liquifier Junior Ultra-Low Rate NH3 Kit - 600-2800 lbs. (272-1270 kg) NH3/hour _____	3,934.00
01816	Liquifier Junior NH3 Kit - 1000-6000 lbs. (453-2722 kg) NH3/hour _____	3,934.00
01817	Liquifier NH3 Kit - 1500-12000 lbs. (680-5443 kg) NH3/hour _____	5,249.00
01818	Liquifier Max Kit - 3100-21000 lbs. (1406-9525 kg) NH3/hour _____	11,652.00
01821	MM3 Flowmeter Kit - .13 to 2.6 GPM, 290 PSI, 3/4" FPT, PP & SS _____	1,219.00
01822	MM5 Flowmeter Kit - .3 to 5 GPM, 290 PSI, 3/4" FPT, PP & SS _____	1,219.00
01823	MM13 Flowmeter Kit - .6 to 13 GPM, 290 PSI, 3/4" FPT, PP & SS _____	1,219.00
01824	MM26 Flowmeter Kit - 1.3 to 26 GPM 290 PSI, 1" FPT, PP & SS _____	1,219.00
01825	MM53 Flowmeter Kit - 2.6 to 53 GPM, 290 PSI, 1" FPT, PP & SS _____	1,219.00
01826	MM106 Flowmeter Kit - 5 to 106 GPM, 290 PSI, 1 1/2" FPT, PP & SS _____	1,219.00
01827	MM158 Flowmeter Kit - 8 to 158 GPM, 290 PSI, 2" MPT, PP & SS _____	1,265.00
01828	GreenStar Rate Controller DirectConnect Single Section Harness Kit _____	576.00
01829	GreenStar Rate Controller DirectConnect 1-6 Section Harness Kit _____	783.00
01830	GreenStar Rate Controller DirectConnect 1-10 Section Harness Kit _____	963.00
01840	SafeGuard Implement Whisker Switch with module and magnetic mount (JWPF) _____	367.99
01841	*Demonstration Display - SprayMate Plus _____ net	833.73
01845	Dual ISOmod kit, Single Product Rate control (incl. module, pwr cable, channel 1 cable) _____	1,711.00
01847	Astro II with 3-pin Amp Super Seal (HARDI) _____	399.00
01848	Astro 5 with 3-pin Amp Super Seal (HARDI) _____	537.00
01851	FM750 LF SS Flowmeter Kit 1 - 9 gpm, 500 PSI, 3/4" FPT, SS & Nylon & Hastelloy _____	821.00

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## Index by part number cont.

01864	PWM Valve, 15 gpm with adapter cable _____	879.00
01866	SprayMate Plus with FM 750 GFN & 1" servo (select speed sensor) _____	1,951.00
01878	RateKing Plus 3 Section Customized _____	1,461.00
01881	RateKing Plus 5 Section Customized _____	1,461.00
01882	RateKing Plus 5 Section with FM750 GFN & 1" servo, magnetic wheel sensor _____	2,378.00
01883	RateKing Plus 5 Section with FM750 GFN & 1" servo (select speed sensor) _____	2,187.00
01893	RateKing Plus 7 Section Customized _____	1,731.00
01894	RateKing Plus 7 Section with FM750 GFN & 1" servo (select speed sensor) _____	2,461.00
01895	RateKing Plus 7 Section with FM750 GFN & 1" servo, magnetic wheel sensor _____	2,649.00
01898	FM270 LF Flowmeter Kit .5-15 GPM, 225 PSI, M200 flange, PP & Nylon & Hastelloy _____	709.00
01898-P	FM270-P LF Flowmeter Kit .5-15 GPM, 225 PSI, M200 flange, PP & Nylon & Hastelloy _____	482.00
01899	RateKing Dual Plus 5 section Customized (Includes channel 1 & channel 2 harnesses) _____	2,494.00
01901	MM2 Flowmeter Kit - .08 to 1.6 GPM, 290 PSI, 3/4" FPT, PP & SS _____	1,219.00
01903	*Demonstration Display, SafeGuard Upgrade to ISOmod _____ net	280.00
01904	10-Amp PWM Electric Motor Driver Kit with enable _____	420.00
01905	40-Amp PWM Electric Motor Driver Kit with enable _____	624.00
01909	RateKing Dual Plus 3 Section Customized (Includes channel 1 & channel 2 harnesses) _____	2,494.00
01910	RateKing Dual Plus 7 Section Customized (Includes channel 1 & channel 2 harnesses) _____	2,870.00
01972	SprayMate II with FM750 GFN flowmeter, 1" servo valve, Astro II GPS Speed Sensor _____	1,958.00
01973	SprayMate II Starter Fertilizer Kit, with FM500, 40-amp EMD, Astro II GPS Speed Sensor _____	2,225.00
01974	SprayMate II Starter Fertilizer Kit with FM750 LF, 40-amp EMD, Astro II _____	2,317.00
01975	SprayMate Plus with FM 750 GFN flowmeter, 1" servo valve, Astro II GPS Speed Sensor _____	2,351.00
01976	RateKing Plus 5 Section with FM750 GFN & 1" servo, Astro II GPS Speed Sensor _____	2,584.00
01977	RateKing Plus 7 Section with FM750 GFN & 1" servo, Astro II GPS Speed Sensor _____	2,859.00
01980	FM270 LF Flowmeter Kit .5-15 GPM, 225 PSI, M200 flange, SS, PP & Nylon & Hastelloy _____	767.00
01980-P	FM270 LF Flowmeter Kit .5-15 GPM, 225 PSI, M200 flange, PP & Nylon & Hastelloy _____	537.00
01984	FM250 P Flowmeter Kit .08 to 1.6 GPM, 290 PSI, 1/4" NPT and 1/2" HB, IXEF & SS _____	512.00
01993	Dual ISOmod kit - Dual Product Rate control (incl. module, pwr cable, ch 1 & 2 cables) _____	1,925.00
01994	Liquid Blockage Sensor (PVC) Kit w/Short Leads - Amphenol _____	139.00
01995	Liquid Blockage Sensor (PVC) Kit w/Long Leads - Amphenol _____	160.00
01997	Fumigant Blockage Sensor (Trogamid) Kit w/Long Leads - Amphenol _____	186.00
01998	SafeGuard Implement Whisker Switch Kit w/Amphenol (use with console system) _____	367.99
01999	SafeGuard Console Kit w/Amphenol _____	942.00
02000	SafeGuard ISOmod Kit w/Amphenol _____	1,090.00
02002	*SafeGuard Demo Retrofit Kit - update to Amphenol plugs _____ net	292.00
02003	*SafeGuard ISOmod Demo Retrofit Kit - update to Amphenol plugs _____ net	510.00
02011	ISOmod Magnet Bar Mount _____	36.38
02015	MM106FL Flowmeter Kit - 5 to 106 GPM, 290 PSI, M220 flange, PP & SS _____	1,265.00
02016	Flo-Pro Customized - select flowmeter kit(s) includes 10' Branch Harness, 10' Pwr cable _____	962.00
02021	RateKing XRS™ Customized (4 section switches) _____	2,133.00
02026	SprayMate Plus Controller w/Raven 440 Adapter Cable w/CPC Female Connector _____	1,127.00
02027	SprayMate XRS Customized (2 section switches) _____	1,533.00
02028	FM1500 SS NH3 Flowmeter Kit for Raven _____	1,051.00
02028-P	FM1500 SS Flowmeter Kit 10-130 GPM, 500 PSI, 1 1/2" FPT, SS, PP & Nylon & Hastelloy _____	849.00
02029	FM1500 SS LF NH3 Flowmeter Kit for Raven _____	1,100.00
02029-P	FM1500 SS LF Flowmeter Kit 3.5-70 GPM, 500 PSI, 1 1/2" FPT, SS, PP & Nylon & Hastelloy _____	880.00
02033	*Demonstration Display - SprayMate XRS _____ net	843.20
02034	Dual ISOmod Kit, Single Product Rate Control (w/o pwr cbl, includes channel 1 cable) _____	1,499.00
02035	Dual ISOmod Kit, Dual Product Rate Control (w/o pwr cbl includes channel 1 & 2 cbls) _____	1,709.00
02038	SprayMate Plus Controller w/Raven 440 Adapter Cable w/CPC Male (old style) Connector _____	1,127.00
10013	Mount Bracket for speed and run/hold sensor _____	13.18
10049	Console Mount Bracket _____	10.81
10050	Console Mount Washer (82A, 84C) _____	2.45
10051	Console Mount Knob, 82A - 84C size consoles _____	4.73
10073	Power Cable (82A) 8' (2.4m) _____	44.68
10074	Speed and Run/Hold Sensor Cable (82A, 84C) 16' (4.9m) _____	87.03
10075	Hardware Bag (82A, 84C) _____	11.30
10080	Magnet Clip _____	8.69
10083	Speed and Run/Hold Sensor Kit (82A, 84C) _____	113.95

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## Index by part number cont.

10085	Extension Cable for Speed and Run/Hold (82A, 84C) 20' (6.1m)	74.88
10131	FM750 SS Flowmeter 2-40 GPM, 500 PSI, 3/4" FPT, SS & Nylon & Hastelloy	705.00
10132	Flow Sensor Cable (FT 84C, FT 96C) 16' (4.9m)	88.55
10137	FM750 SS & N and FM1000 SS Gasket (Teflon)	6.62
10154	Calc-An-Acre 84C - System Manual	net 11.83
10195	Extension Cable for Flow Sensor (FT 84C, FT 96C) 20' (6.1m)	74.86
10233	Steel Vapor Tube 1/2" x 1'	50.29
10262	2-pin Round Connector Replacement Kit (both halves and pins)	19.55
10316	Speed Sensor Cable (86S) 9' (2.7m)	76.20
10415	MT-3000 Main Wiring Harness (Liquid) 12' (3.7m)	391.67
10416	Speed and Run/Hold Sensor Cable 5' (1.5m) (MT-3000/5000)	58.00
10417	Flow Sensor Cable 5' (1.5m) (MT-3000/5000)	74.11
10419	Solenoid Cable (MT-3000) 3' (0.9m)	38.58
10423	Console Mount Knob	8.15
10445	3-pin WP Shroud Dust Cover (female)	12.65
10447	3-pin WP Tower Dust Cover (male)	12.65
10449	3-pin 10' WP Extension Cable (3.0m)	66.63
10450	3-pin 5' WP Extension Cable (1.5m)	59.44
10451	3-pin WP Shroud Dust Cover with jumper wire (female)	14.01
10470	Console Mount Washer	4.44
10474	Compression Fitting Kit	36.28
10485	Pressure Tubing Extension Kit 15' (4.6m)	47.88
10514	Magnetic Speed Sensor Kit (MT-3000/5000)	107.66
10523	3-pin WP Connector Replacement Kit (both halves, pins and seals)	29.29
10605	FM500 O-ring	4.50
10829	3-pin 20' WP Extension Cable (6.1m)	84.06
10876	3-pin 15' WP Extension Cable (4.6m)	75.97
10899	FM750 SS for NH3 Flowmeter, 2-40 GPM, 500 PSI, 3/4" FPT, SS & Nylon Hastelloy	861.29
11008	3/8" FPT x 3/8" Vapor Tubing Elbow	23.11
11009	3/4" MPT x 3/8" Vapor Tubing Elbow	23.82
11022	1/8" x 1 1/2" SS Nipple	20.02
11023	1/4" x 1/8" SS Bushing	15.58
11024	3/4" EVA Vapor Tubing 25' (7.7m)	237.03
11025	1/2" EVA Vapor Tubing 25' (7.7m)	172.59
11034	6-pin WP Tower Dust Cover (male)	17.09
11035	6-pin WP Shroud Dust Cover (female)	17.26
11037	Plumbing Panel Harness (MT-3000, MT-5000, TN-7000) 3' (0.9m)	100.31
11039	NH3 Main Harness (MT-3000)	323.32
11040	Accessory Kit (NH3500)	146.69
11050	6-pin 5' WP Extension Cable (1.5m)	107.66
11051	6-pin 10' WP Extension Cable (3.0m)	133.48
11052	6-pin 20' WP Extension Cable (6.1m)	187.22
11154	6-pin WP Connector Replacement Kit (both halves, pins and seals)	51.00
11191	#20 SS NH3 Strainer Screen	41.50
11192	NH3 Strainer Gasket (Teflon)	8.51
11203	Snubber Washer Kit w/o-ring	16.62
11277	FM750 SS & N, FM1000 SS and FM1500 SS Rebuild Kit (ruby balls) without turbine	78.05
11305	Hold/Cutout Module (MT-3000, MT-5000)	161.92
11311	M-T Servo Valve Cable with boost wire 5' (1.5m)	63.21
11319	FM2000 P and FM3000 P Flow Module	220.68
11400	2-pin WP Tower Dust Cover (male)	10.41
11401	2-pin WP Shroud Dust Cover (female)	10.41
11461	Radar Module Adapter Cable (84C, FT 84C, FT 96C, 86S, YT 85)	35.87
11462	3-pin 25' WP Extension Cable (7.6m)	92.00
11501	FM750 GFN Flowmeter 2-40 GPM, 150 PSI, 3/4" FPT, Nylon & Hastelloy	382.00
11527	Y-Cable for DICKEY-john AMP Radar 1' (0.3m)	287.86
11528	Power Cable for DICKEY-john AMP Radar 6' (1.8m)	109.31
11529	Y-Cable for Magnavox and Phillips Radars 1' (0.3m)	133.92
11530	Power Cable for Magnavox and Phillips Radars 6' (1.8m)	106.72

## Index by part number cont.

11560	2-pin 5' WP Extension Cable _____	45.57
11561	2-pin 10' WP Extension Cable _____	52.93
11671	2-pin 15' WP Extension Cable _____	57.58
11672	2-pin 20' WP Extension Cable _____	58.81
11693	Y-Cable for DICKEY-john PACKARD Radar 1' (0.3m) _____	186.25
11829	2-pin WP Connector Replacement Kit (both halves, pins and seals) _____	25.33
11837	1" x 1" Dual Lock Fastener Kit (4 sets) _____ net	17.57
12069	Magnet Kit (6 magnets) _____	14.23
12095	Y-Cable for Raven Radar 1' (0.3m) _____	209.16
12245	MT-3000 - System Manual _____ net	11.83
12274	FM1500 SS Flowmeter 10-130 GPM (40-500 lpm) 500 PSI (35 Bar) _____	1,015.00
12274-P	FM1500 P SS Flowmeter 10-130 GPM (40-500 lpm) 500 PSI (35 Bar) _____	761.00
12689	*Y-Cable for DICKEY-john FORD Radar 1' (0.3m) _____	164.01
12690	*Power Cable for DICKEY-john FORD Radar 6' (1.8m) _____	107.74
12758	Radar/GM Interface Module (3-pin WP connector for speed) _____	187.04
12798	*Y-Cable for DICKEY-john DEUTSCH Radar 1' (0.3m) _____	231.49
12800	Power Cable for DICKEY-john DEUTSCH Radar 6' (1.8m) _____	106.70
12813	Flow-Trak FT84C, FT 96C - System Manual _____ net	11.83
12817	2-pin USIM Wire Assembly 5' (1.5m) _____	18.26
12828	1/8" Plug (Low Rate Kit) _____	19.00
12853	Weatherproof Fuse Holder without fuse _____	22.37
12888	Console Mount Knob _____	5.57
12889	Console Mount Washer _____	2.30
12910	14" Plastic Tie Kit (Bag of 10) _____	9.93
12911	3/8" Hex Nut for speed and run/hold sensor (bag of 3) _____	5.72
12912	Magnet Kit with tape (6 magnets) _____	22.17
12953	In-Cab Adapter Cable for John Deere 8000 & 9000 Series 1.5' (0.5m) _____	62.10
13083	MT-3405 F & FTW Flow, Run/Hold, Servo Boom Harness (Pigtail version) 5' (1.5m) _____	186.79
13084	Pressure, Boom, Boost Harness (Pigtail version) 5' (1.5m) _____	225.56
13085	Return Flow, Speed, Boom Harness (Pigtail version) 5' (1.5m) _____	204.42
13088	*MT-3400 LR1 Run/Hold, Boom, Boost Harness 5' (1.5m) _____	241.37
13090	Speed, Run/Hold, Power Harness (C-97-LR) _____	144.20
13096	Hall-effect Speed/Flow Sensor Cable 5' (1.5m) with 3-pin MP shroud _____	103.27
13097	Flow, Speed, Run/Hold, Power Harness (FT-97-LR) _____	194.27
13100	3-pin MP Shroud Dust Cover with jumper wire (female) _____	12.78
13104	2-pin MP Tower Dust Cover (male) _____	8.54
13105	2-pin MP Shroud Dust Cover (female) _____	8.54
13106	3-pin MP Tower Dust Cover (male) _____	12.78
13107	3-pin MP Shroud Dust Cover (female) _____	12.78
13110	6-pin MP Tower Dust Cover (male) _____	18.97
13111	6-pin MP Shroud Dust Cover (female) _____	18.97
13112	10-pin MP Tower Dust Cover (male) _____	19.61
13113	10-pin MP Shroud Dust Cover (female) _____	19.61
13115	Boom Shutoff/Relief Cable 5' (1.5m) _____	32.42
13116	MT-3400 Flow, Speed, Servo, Boom Harness 5' (1.5m) _____	233.16
13181	Console Mount Kit (Calc-n-acre, SprayMate, etc.) _____	27.16
13184	Calc-An-Acre LR - System Manual _____ net	11.83
13187	FM1000 SS Flowmeter 3.5-70 GPM, 500 PSI, 1" FPT, SS & Nylon & Hastelloy _____	766.00
13200	2-pin 5' MP Extension Cable (1.5m) _____	57.64
13201	2-pin 10' MP Extension Cable (3.0m) _____	62.22
13202	2-pin 15' MP Extension Cable (4.6m) _____	67.26
13203	2-pin 20' MP Extension Cable (6.1m) _____	70.20
13204	2-pin 25' MP Extension Cable (7.6m) _____	75.96
13205	3-pin 5' MP Extension Cable (1.5m) _____	63.69
13206	3-pin 10' MP Extension Cable (3.0m) _____	68.00
13207	3-pin 15' MP Extension Cable (4.6m) _____	76.45
13208	3-pin 20' MP Extension Cable (6.1m) _____	81.31
13209	3-pin 25' MP Extension Cable (7.6m) _____	86.78
13220	10-pin 5' MP Extension Cable (1.5m) _____	110.70

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13221	10-pin 10' MP Extension Cable (3.0m)	132.19
13222	10-pin 15' MP Extension Cable (4.6m)	151.16
13223	10-pin 20' MP Extension Cable (6.1m)	181.06
13224	10-pin 25' MP Extension Cable (7.6m)	213.34
13226	Run/Hold Sensor Cable 5' (1.5m)	74.37
13227	Run/Hold Sensor Cable ( Ft-97 Only) 5' (1.5m)	61.86
13231	2-pin MP Connector Replacement Kit (both halves, pins and seals)	32.32
13232	3-pin MP Connector Replacement Kit (both halves, pins and seals)	36.34
13233	4-pin MP Connector Replacement Kit (both halves, pins and seals)	39.26
13234	6-pin MP Connector Replacement Kit (both halves, pins, seals)	36.97
13235	10-pin MP Connector Replacement Kit (both halves, pins and seals)	58.78
13241	Flow-Trak FT97LR - System Manual	net 11.83
13251	Hardware Bag	10.52
13254	Console Mount Kit, MT-9000 series	51.84
13255	MT-9000 - System Manual	net 11.83
13256	Pressure Sensor with cable (Liquid and NH3) 5' (1.5m) 250 PSI (17 Bar)	613.43
13269	FM500 Flowmeter .5-5 GPM, 500 PSI, 1/2" FPT, PP & Hastelloy	382.00
13270	Terminal Kit with weatherproof fuse holder	73.17
13273	NH3 Plumbing Panel Harness (current controllers) 7' (2.1m)	391.62
13276	NH3 Main Harness (MT-3405 F & MT-9000 pigtail version) 10' (3.0m)	228.80
13348	SS Quick Release Switchbox Pin	28.47
13369	15-pin Connector Replacement Kit (MT-3000) (harness half ONLY, pins and strain relief)	37.02
13419	3-pin 50' MP Extension Cable (15.2)	123.26
13434	VRS Interface Module	210.83
13504	In-line M-T Servo Valve Adapter Cable 1' (0.3m)	79.00
13521	WeatherPak Crimping Tool	net 171.53
13522	Metri-Pack Crimping Tool Kit	net 224.34
13523	WeatherPak Terminal Removal Tool	net 14.55
13524	Metri-Pack Terminal Removal Tool	net 14.55
13561	Hall-effect Sensor Adapter Cable, MT-3000 / 5000	57.37
13604	MT-NH3 - System Manual	net 11.83
13620	Power Cable 10' (3.0m), 2-pin MP MT-NH3	42.23
13629	Console Mount Bracket	18.72
13752	FM750 SS Flowmeter (with ceramic bearings) 2-40 GPM, 500 PSI, 3/4" FPT	705.00
13753	FM750 SS & N, FM1000 SS and FM1500 SS Rebuild Kit (ceramic balls) without turbine	80.84
13756	MT-2405 F - System Manual	net 11.83
13757	MT-2405 F II and FTW II Speed, Run/Hold, Flow Harness 10' (3.0m)	180.15
13758	MT-2405 F II and FTW II Boom, Power, Servo Harness 10' (3.0m)	154.64
13759	3-pin MP630 Connector Replacement Kit (both halves, pins and seals)	44.45
13762	MT-3405 F Boom, Boost, Relief Harness (Pigtail version)	115.59
13763	MT-3405 F Boom, Speed Harness (Pigtail version)	130.66
13773	MT-3405 F - System Manual	net 11.83
13774	Console Mount Kit	58.82
13783	FM750 GFN Quad O-ring	21.73
13797	MT-9000 (NH3 Specific) - System Manual	net 11.83
13857	Servo Type Hyd. Flow Control Valve, 15 GPM, 3.5 Second, SAE 8 Ports, 3000 PSI	1,283.00
13858	Servo Type Hyd. Flow Control Valve, 35 GPM, 3.5 Second, SAE 16 Ports, 3000 PSI	2,108.00
13859	Servo Type Hyd. Flow Control Valve, 5 GPM, 3.5 Second, SAE 8 Port, 3000 PSI	1,283.00
13860	Servo Type Hyd. Flow Control Valve, 20 GPM, 3.5 Second, SAE 16 Ports, 3000 PSI	2,108.00
13862	MT-2405 F (NH3 Specific) - System Manual	net 11.83
13872	Hall-effect Speed or Run/Hold Y-Cable	145.39
14012	WeatherPak Fuse Holder with leads without fuse	33.12
14019	4-pin DJ to 3-pin MP with Radar Interface (Vansco interface)	101.00
14024	Radar Interface Cable, 4-pin DJ to 2-pin Rolco - 1' (0.3m)	98.00
14025	4-pin DJ to 3-pin WP with Radar Interface (Vansco interface)	98.00
14026	*4-pin DJ Amp to DICKEY-john CANNON Connector 1' (0.3m)	132.00
14027	4-pin DJ Amp to DICKEY-john PACKARD Connector 1' (0.3m)	132.00
14028	*4-pin DJ Amp to DICKEY-john DEUTSCH Connector 1' (0.3m)	132.00
14029	4-pin DJ Amp to Magnavox PACKARD Connector 1' (0.3m)	132.00

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14030	4-pin DJ Amp to Raven CONXALL Connector 1' (0.3m)	132.00
14031	*4-pin DJ Amp to Spraying Systems DEUTSCH Connector 1' (0.3m)	132.00
14039	4-pin DJ Amp to DICKEY-john FORD Connector 1' (0.3m)	132.00
14103	7-pin 15' MP Extension Cable (4.6m) 10/18	282.96
14108	7-pin MP Tower Dust Cover (male)	26.48
14109	7-pin MP Shroud Dust Cover (female)	26.48
14142	10-pin 50' MP Extension Cable (15.2)	393.65
14146	7-pin 5' MP Extension Cable (1.5m) 10/18	151.22
14147	7-pin 10' MP Extension Cable (3.0m) 10/18	218.78
14214	Radar Interface for In-Cab John Deere MP 150 Connector	98.00
14215	Radar Interface for DICKEY-john AMP Connector	147.00
14216	*Radar Interface for DICKEY-john CANNON Connector	147.00
14217	Radar Interface for DICKEY-john DEUTSCH Connector	147.00
14218	Radar Interface for DICKEY-john FORD Connector	147.00
14219	Radar Interface for DICKEY-john PACKARD Connector	147.00
14220	Radar Interface for Magnavox & Phillips PACKARD Connector	147.00
14221	Radar Interface for Raven CONXALL Connector	147.00
14222	Radar Interface for In-Cab John Deere MP 150 Connector with y-cable	147.00
14232	1/4" x 3/8" orifice hose barb (3/32)	11.93
14236	7-pin 20' MP Extension Cable (6.1m) 10/18	343.89
14237	7-pin 25' MP Extension Cable (7.6m) 10/18	401.16
14282	Boot for 1" Whirlwind Sensor	19.00
14283	Boot for 1 1/4" Whirlwind Sensor	20.42
14286	FM270 Flowmeter 3.5-70 GPM, 225 PSI, M200 flange, PP, SS, Nylon & Hastelloy	641.00
14286-P	FM270-P Flowmeter 3.5-70 GPM, 225 PSI, M200 flange, PP, SS, Nylon & Hastelloy	409.00
14311	NH3 Main Harness (SprayMate & SprayMate II) 10' (3.0m)	156.90
14313	Flow, Control, Boom Harness, SprayMate II WPT-PGS	239.92
14314	Ignition Cable, 72"	33.37
14315	Power (battery) Cable, 15' 10A fuse, 2-pin WP	113.55
14316	10-pin 10' MP 5/5 Extension Cable (3.0m)	173.70
14317	10-pin 15' MP 5/5 Extension Cable (4.6m)	208.83
14318	Bulkhead Console Power, Boom Harness 10' (3.0m)	399.50
14319	Bulkhead Console Boom Branch Harness 10' (3.0m)	219.03
14320	Bulkhead Console Flow, Servo, Run/Hold Harness 10' (3.0m)	152.73
14324	Bulkhead Console Speed Adapter Cable 3' (0.9m)	51.66
14348	FM1500 SS LF Flowmeter 3.5-70 GPM (13-265 lpm) 500 PSI (35 Bar)	1,059.00
14348-P	FM1500 P SS LF Flowmeter 3.5-70 GPM (13-265 lpm) 500 PSI (35 Bar)	791.00
14363	10-pin 5' MP 5/5 Extension Cable (1.5m)	117.15
14364	10-pin 20' MP 5/5 Extension Cable (6.1m)	256.54
14365	10-pin 25' MP 5/5 Extension Cable (7.6m)	301.65
14366	NH3 Main Harness (MT-3405 F & F II & MT-9000 with bulkhead connection) 10' (3.0m)	304.49
14380	Cable for John Deere Performance Center (7000, 8000, 9000, Track Series) 1' (0.3m)	132.00
14381	Shaft-Trak Console (standard)	505.00
14419	10-pin 50' MP 5/5 Extension Cable (15.2)	517.87
14459	*Whirlwind Blockage Module	576.15
14463	*In-Line Servo Valve Adapter Cable (MT-400 with S)	31.49
14469	3-Pin WPS to 1/4" QD Solenoid Adapter Cable	27.10
14471	Molded Shaft Adapter Kit with 10 Magnets with Sensor Cable (p/n 13226)	101.46
14473	Shaft-Trak 6-Sensor Branch Harness	315.52
14479	Whirlwind - System Manual	net 11.83
14482	5-pin 5' MP Extension Cable (1.5m)	72.44
14483	5-pin 10' MP Extension Cable (3.0m)	87.48
14484	5-pin 15' MP Extension Cable (4.6m)	106.74
14485	5-pin 20' MP Extension Cable (6.1m)	125.21
14486	5-pin 25' MP Extension Cable (7.6m)	144.11
14501	Motor Cable - 10 Amp EMD 5'	57.67
14519	Run/Hold Foot Switch with cable	233.10
14536	Molded Shaft Adapter Kit with 10 magnets	60.58
14553	Extra Main Harness Kit (C-97-LR) (Includes 13181, 13090 and 01530)	346.93



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14582	Harness, 10' Speed/Flow with Run/Hold _____	116.33
14583	Harness, 30' Speed/Flow with Run/Hold _____	202.33
14584	Harness, 10' Boom Branch _____	210.44
14585	Harness, 30' Boom Branch _____	388.24
14588	Cable, 15' 16Ga 5-Pin MP Ext. _____	180.03
14589	Cable, 15' 12Ga 2-Conductor WP Ext _____	93.67
14600	Power/Module Cable 20' (6.1m), 5-pin MP Whirlwind _____	198.17
14607	Cable, Local Speed _____	145.59
14611	Raven Flowmeter Interface with 5V regulator _____	203.58
14672	*Whirlwind Shaft Module _____	576.15
14684	7-pin MP Connector Replacement Kit (both halves, pins and seals) _____	40.50
14690	Whirlwind Fan Module _____	565.34
14691	*Whirlwind Bin Level Module _____	565.33
14728	MC-10 Pressure Gauge Bracket, Narrow console (NO pressure gauge) _____	37.00
14778	3-pin MPS, 30', pins A & C to flying leads generic run/hold adapter _____	53.00
14793	Bulkhead Console Run/Hold Adapter Cable _____	77.43
14799	MC-25 Pressure Gauge Bracket (NO pressure gauge) _____	28.00
14808	5-pin MP Connector Replacement Kit (both halves, pins and seals) _____	27.47
14810	Radar Adapter for In-Cab John Deere MP 150 Connector _____	55.00
14811	Radar Adapter for In-Cab John Deere MP 150 Connector with y-cable _____	64.00
14812	Radar Adapter for DICKEY-john AMP Connector with y-cable _____	117.00
14813	Radar Adapter for DICKEY-john CANNON Connector with y-cable _____	117.00
14814	Radar Adapter for DICKEY-john DEUTSCH Connector with y-cable _____	117.00
14815	Radar Adapter for DICKEY-john PACKARD Connector with y-cable _____	117.00
14816	Radar Adapter for DICKEY-john FORD Connector with y-cable _____	117.00
14817	Radar Adapter for Raven CONXALL Connector with y-cable _____	117.00
14818	Radar Adapter for Magnavox & Phillips PACKARD Connector with y-cable _____	117.00
14829	FM10/100 Flowmeter 10-100 GPM, 225 PSI, M200 flange, SS, PP & Nylon & Hastelloy _____	664.00
14829-P	FM10/100 P Flowmeter 10-100 GPM, 225 PSI, M200 flange, SS, PP & Nylon & Hastelloy _____	435.00
14836	FM750 GFN, SS & N, FM1000 SS, FM270, FM10/100 and FM1500 SS Turbine _____	121.04
14851	NH3 Strainer Plug with Alnico magnet _____	80.75
14869	SprayMate II Console _____	774.00
14885	Servo Type Hyd. Flow Control Valve, 10 GPM, 3.5 Second, SAE 8 Ports, 3000 PSI _____	1,283.00
14904	MT-2405 F II (NH3 Specific) - System Manual _____ net	11.83
14914	Shaft-Trak Console (low RPM) _____	505.00
14926	Radar Adapter, 4-pin DJ to 3-pin MPS (Vansco) _____	64.00
14935	MT-2405 II Console _____	619.00
14943	SprayMate II - System Manual _____ net	11.83
14946	MT-3405 F II (NH3 Specific) - System Manual _____ net	11.83
14955	MT-NH3 II - System Manual _____ net	11.83
14956	MT-NH3 II Console _____	1,129.00
14966	Sod-Pro II Console _____	602.00
14983	Branch, Servo, Flow, RPM Harness _____	217.34
15854	4-Wire Control Valve Adapter Cable _____	69.77
15855	4-Wire Control Valve Adapter Cable Kit (w/14315 Power Cable) _____	151.64
15861	SprayMate Plus to Raven 440 Adapter Cable w/CPC Male (old style) Connector, 10' _____	200.45
15871	ISOmod Parallel Section Valve Cable _____	139.17
15891	IBIC Breakaway Implement Cable (w/power connection) 30' _____	967.35
15894	Poly Bearing Housing w/bearing for FM270, FM10/100, FM1500 _____	145.50
15909	Hydraulic Motor Seal Kit _____	174.79
16002	Adapter Cable, 9', MT Control Valve to Raven _____	108.52
16003	Adapter Cable, 9', MT KZ On/Off Valve to Raven _____	110.77
16004	Adapter Cable, Electro-Magnetic Flowmeter to Raven Interface Cable, 10' _____	191.18
16005	Adapter Cable, Electro-Magnetic Flowmeter to John Deere Interface Cable, 10' _____	81.67
16006	Adapter Cable, Electro-Magnetic Flowmeter to TeeJet Interface Cable, 10' _____	96.93
16008	SprayMate Plus to Raven CR7 adapter cable _____	195.96
16013	Dual ISOMOD 6-section ZV (zipvalve) Branch Cable, 10' _____	322.00
16014	Dual ISOMOD 12-section ZV (zipvalve) Branch Cable, 10' _____	602.00
16031	7-Section Parallel Boom Adapter _____	64.46

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16032	7-Section Parallel Boom Y Kit	444.00
16041	ISOBUS Tap Cable, 12-pin Deutsch (Case 2100 Series Planter)	197.00
16087	Relay Assembly, 40 amp, with Multifunction Enable	163.71
16088	Adapter Cable, MT to Raven Shutoff	149.43
17010	GSC-1000 Console (standard control)	1,191.00
17011	GSC-1000 Console (PWM control)	1,191.00
17020	MT-3405 FTW II - System Manual	net 11.83
17037	Sod-Pro II - System Manual	net 11.83
17040	GSC-1000 - System Manual	net 11.83
17077	Speed, Run/Hold, Power Harness	144.68
17095	10-pin 30' MP Extension Cable (9.1m)	252.18
17096	10-pin 40' MP Extension Cable (12.2m)	302.97
17108	Rawson/Mid-Tech Flow Adapter Cable 1' (0.3m)	37.92
17144	P/N 11277 Rebuild Kit (ruby balls) with turbine	149.52
17147	P/N 13753 Rebuild Kit (ceramic balls) with turbine	149.52
17148	Channel 2 Liquid Branch Harness 10' (3.0m) (MT-3405 D)	207.49
17158	3-boom 2-wire Ball Valve Adapter Cable (RoadMaster & SprayMate II)	446.16
17159	Bulkhead Console 5-boom 2-wire Ball Valve Adapter Cable	643.04
17165	Channel 2 Local Speed Adapter Cable	113.00
17176	Power, Speed, RPM, Run/Hold Harness (Calc-An-Acre II)	160.88
17184	Channel 2 Liquid Harness (MT-3405 D)	322.00
17185	Calc-An-Acre II Console	370.00
17186	Flow-Trak II Console	671.00
17192	Calc-An-Acre II - System Manual	net 11.83
17193	Flow-Trak II - System Manual	net 11.83
17194	Flow, Speed, Run/Hold, Power Harness (Flow-Trak II)	198.17
17200	Relay Kit (Flow-Trak II)	145.65
17269	10-pin 45' MP Extension Cable (13.7m)	332.82
17279	Cable, EMD enable adapter	20.09
17289	ProPlant Console	1,461.00
17290	MT-3405 D - System Manual	net 11.83
17302	FM270 and FM10/100 Rebuild Kit (ruby balls) with turbine	130.72
17307	Section Branch Harness (1-3 Sections) 20'	154.02
17308	Flow with Servo/RH 1-3-Section Branch Harness	257.35
17316	Parallel Boom Harness Kit (MT-3405 D)	967.00
17320	Toolbar Bracket	257.82
17321	Motor Bracket	215.74
17322	Sprocket, Idler #40 32 x 16	306.88
17323	Sprocket, Idler #40 16 x 16	115.18
17324	M-T Servo Valve to Raven Adapter Cable 1' (0.3m)	51.00
17325	M-T Hall-effect Flow Sensor to Raven Adapter Cable 1' (0.3m)	82.00
17329	ProPlant - System Manual	net 12.91
17338	3-pin MP to MT-3000/5000 3-pin WP Adapter Cable	65.82
17339	Console Power/Section Harness, 15'	251.46
17351	7" Toolbar U-Bolt	19.31
17358	Section Harness (1Section) 20'	59.15
17359	Flow, Servo, Run/Hold Harness (1 Section) 20'	174.39
17360	Console Flow, Servo, Run/Hold Harness 15'	187.65
17370	ProPlant Variable Rate Token (green)	186.87
17388	#40 32 Tooth 7/8" Split Sprocket	186.87
17389	Vansco Radar Mount Kit (new style)	46.40
17392	Hall-effect Speed/Flow Sensor Cable, 1' (.30m) with 3-pin MP Shroud	79.00
17394	#40 32 Tooth 3/4" Split Sprocket	186.87
17395	Bolt/Fastener Kit (Hydraulic Drive Assembly)	25.25
17396	#40 Drive Chain Kit 10'	65.06
17398	Secondary Drive Fittings Kit	52.10
17399	Primary Drive Fittings Kit	293.45
17415	7-pin 50' MP Extension Cable (15.2) 10/18	709.42
17419	Boom Branch Harness (MT-3407 F II) 10' (3.0m)	203.06



## Index by part number cont.

17420	Servo, Flow, Boom Branch Harness (MT-3407 F II) 10' (3.0m)	164.82
17421	10-pin MP Boom Extension Harness (MT-3407 F II) 10' (3.0m)	158.41
17433	4-pin AMP to 3-pin MP Adapter Cable	208.89
17436	Boom Branch Harness (MT-3405 F II) 10' (3.0m)	191.61
17437	Console Power, Boom Harness (MT-3407 F II) 10' (3.0m)	413.46
17442	9" Speed/Flow Sensor Cable with Conxall Connector	123.26
17444	2-pin 10' MPT Power Cable with 25 amp fuse	114.25
17445	2-pin 10' MP 280 Extension Cable	95.57
17446	2-pin 20' MP 280 Extension Cable	150.14
17447	2-pin 15' MP 280 Extension Cable	104.34
17448	2-pin 20' MP 280 Motor Cable	131.68
17449	2-pin 25' MP 280 Extension Cable	159.05
17450	2-pin 30' MP 280 Extension Cable	186.39
17501	Motor Y-Cable, 2-pin MP 280 x MP 280	95.34
17514	RoadMaster Console (standard control)	1,520.00
17523	Remote RoadMaster Blast, Run/Hold Cable with mini-din connector	56.72
17528	Raven Servo Valve to MT Harness Adapter Cable 8"	38.96
17529	Multi Section NH3 Branch Harness (1-5 Sections) 2' (.6m)	195.61
17536	3-pin WP to 3-Pin MP Adapter Cable	42.64
17539	MT Servo to PWM Valve Adapter Cable	35.34
17544	RoadMaster STD - System Manual	net 11.83
17545	RoadMaster PWM - System Manual	net 11.83
17546	RoadMaster Console (PWM control)	1,520.00
17554	#50 Drive Chain Kit 10'	111.21
17555	Sprocket, Idler #50 32 x 16	369.94
17556	Sprocket, 50-16 x 40-16 drive	104.90
17557	#50 28 Tooth 7/8" Hex Split Sprocket	251.82
17558	#50 28 Tooth 3/4" Hex Split Sprocket	251.82
17560	RoadMaster Blast/Run/Hold Remote Switch Box with Circular Connector (Old Style)	190.00
17576	4.9 CID Hydraulic Motor/Shutoff Valve Assembly (no sprockets)	1,800.00
17582	Raven / Trimble EZ Boom 2010 to MT Adapter Cable with Power 10' (3.0m)	472.73
17584	Single Section NH3 Adapter Cable 1' (4.6m)	151.99
17599	Multi Section Boom Master Module - DEUTSCH connectors(1-10 sections)	402.72
17608	Topcon 30S ECU to MT Liquid/NH3 Adapter Cable without Power 10' (3.0m)	434.11
17627	DirectConnect Trimble EZ boom 2010, 1-7 Section Harness Kit	838.00
17628	Raven 440/450 Harness Kit for Liquid	838.00
17633	Micro-Trak Liquid/NH3 - System Manual	11.83
17643	Greenstar to MT Liquid/NH3 Adapter Cable without Power 10' (3.0m)	406.20
17696	Seal Kit for SAFi NH3 Valve (Velan)	340.68
17739	Multi Section Boom Master Module (1-5 Sections)	265.67
17741	SAFi Cover O-ring (New Style)	net 6.16
17766	Trak-Record II Console	750.80
17767	Trak-Record II - System Manual	net 11.83
17771	Trak-Record II Power Cable	42.04
17782	SprayMate II Auto Section Cable	296.00
17786	SprayMate II Multi Section NH3 Adapter Cable 10' (3.0m)	177.57
17787	USB Flash Drive - 128meg	net 58.81
17789	In-Cab Adapter Cable for John Deere 30 Series 7-pin Amp	117.00
17811	Radar Adapter for In-Cab John Deere 30 Series 7-Pin Amp	117.00
17827	Magnetic Flowmeter Interface Cable, 2' (.6 m)	165.88
17842	Magnetic Flowmeter Interface Cable (High Cap) 9" (.23m)	74.05
17844	Multi-Section NH3 Branch Harness	204.10
17846	*Hydraulic Poppet Adapter Cable, 3-pin WPS to 2-pin MP	25.38
17857	AgLeader DirectCommand to MT Liquid Adapter Cable without Power 10' (3.0m)	502.76
17858	Suction Cup Mounting Kit for Console	137.00
17871	2-pin 20' MPT Power Cable with 40 amp fuse	197.00
17872	40 Amp EMD - 4' Motor Cable	53.76
17880	Radar Interface for In-Cab John Deere 30 Series 7-pin Amp for LR products	155.15
17881	DrillMaster Right or Left Section Branch Harness	198.95

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## Index by part number cont.

17882	DrillMaster Center Section Branch Harness _____	130.15
17883	DrillMaster PWM Run/Hold Cable _____	93.55
17884	FM750 LF GFN Insert _____	50.08
17885	FM750 LF Turbine _____	122.22
17887	FM750 GFN LF Flowmeter .5-12 GPM, 150 PSI, 3/4" FPT, Nylon & Hastelloy _____	477.00
17891	T-Adapter, TeeJet 230 BP/BoomPilot _____	416.00
17892	NH3500 Low Rate Conversion Kit _____	338.20
17894	DrillMaster Mounted Branch Harness _____	209.94
17899	DrillMaster Console _____	1,060.00
17913	NH3500 NH3 1" Teflon Strainer Gasket _____	55.62
17914	Liquifier NH3 1.25" #20 Stainless Steel Strainer Screen _____	55.62
17915	Liquifier NH3 1.25" Teflon Strainer Gasket _____	72.34
17917	Proximity Sensor with 6" (.15m) lead _____	135.00
17922	RPM Sensor Kit, Proximity or Gear Tooth Type Sensor, Includes Mount Bracket, 6" _____	198.20
17924	GS2 Adapter Cable, 16-pin to 37-pin CPC _____	276.22
17934	Servo Polarity Reversal Cable _____	27.87
17941	AgLeader DirectCommand to NH3 Branch Cable _____	541.78
17942	AgLeader DirectCommand to Single Section Adapter Cable _____	32.70
17943	AgLeader DirectCommand Multi-Section Boom Master Module _____	275.74
17962	GS2,3 10' 7-Section Liquid/NH3 Control Harness _____	739.00
17972	KZ NH3 Shutoff Valve, 1" _____	1,109.55
17973	Seal Kit for KZ NH3 Valve, 1" _____	72.83
17985	10' 2-pin Molex Power Cable with 10 amp fuse _____	55.38
17986	20' MC-10 Motor Cable _____	50.54
17995	Bracket, NH3500 Low Rate Support _____	51.71
17996	MC-10 Manual Controller only, 10 amp _____	212.00
17997	MC-25 Manual Controller only, 25 amp _____	439.00
18000	Nipple, 3/4" X Close blk schedule 40 _____	6.01
18001	Nipple, 3/4" X 12" blk schedule 40 _____	29.93
18003	1" x 3/4" Coupling (Low Rate Kit) _____	16.39
18004	1" x 3' NH3 Hose (Low Rate Kit) _____	394.46
18005	Primary Drive Fittings Kit _____	254.17
18006	Hydraulic Control Valve Remote Mount Bracket _____	50.08
18008	10-Amp Standard Electric Motor Driver Kit _____	420.00
18014	Nipple, 3/4" X 2" blk sch. 40 _____	6.38
18018	Cable, 10' Pump _____	65.84
18019	Cable, 30' Pump _____	147.38
18026	DrillMaster Drawn 2-Section Left/Right Branch Harness _____	136.13
18031	Hydraulic Motor Cross Port Plug (replaces shutoff valve on motor for PWM control) _____	74.69
18034	Multi-Section EMD Adapter Cable (SprayMate II) _____	89.20
18048	3 Pin MP 150 "Y" Cable - 1 - Shroud & 2 - Towers, 12" (2 - R/H Switches in & 1 - out) _____	77.56
18041	Radar Adapter for In-Cab John Deere 1-Pin MP280 _____	24.00
18072	10 Amp Standard Electric Motor Driver Module _____	282.66
18076	12" Speed Flow Sensor with Cannon Connector _____	111.43
18078	FM2000 P Flowmeter 19-198 GPM, 285 PSI, M200 Flange, Nylon & SS & Ceramic _____	1,173.00
18080	Twin Pump Controller - System Manual _____ net	11.83
18098	Calibration Lockout Key, set of two - RoadMaster, SprayMate Plus _____ net	3.63
18104	10 Amp PWM Electric Motor Driver Module _____	282.66
18105	Polmac 3-pin MP Flow Sensor Cable _____	147.03
18108	10-Amp PWM Electric Motor Driver Kit _____	420.00
18111	2-Pin WP Shroud with jumper wire (female) _____	11.82
18137	Power Cable, 3-pin WP, 20' with 10 Amp Fuse _____	111.58
18154	FlowMate console _____	366.00
18155	10' power cable _____	36.46
18157	FlowMate fuse/terminal Kit _____	12.49
18177	MM238 Flowmeter - 12 to 238 GPM, 290 PSI, 2" MPT, PP & SS _____	1,097.00
18183	Liquifier / Liquifier Max heat exchanger 1 1/2" MPT _____	2,052.46
18185	Servo Type Ball Valve Vented, Stainless Steel, 1 1/2" FPT (NH3 compatible) 500 PSI _____	1,319.70
18186	Liquifier Max 1 1/2" NH3 Shutoff Valve _____	1,319.70

## Index by part number cont.

18187	Steel Servo Type Ball Valve Vented, Stainless, 1" FPT (NH3 compatible) 500 PSI	1,113.27
18188	1/4" x 3/8" Orifice Hose Barb (3/64)	11.93
18205	Polmac Sensor And Cable (sq. wave)	391.96
18209	SprayMate Plus (prior to 2014) - System Manual	net 11.83
18221	3/4" MPT x 3/8" Nylon Elbow	8.22
18222	1/4" x 1/4" Nylon Elbow	8.22
18229	FM3000 P Flowmeter 40-396 GPM, 285 PSI, 3" MPT, Nylon & SS & Ceramic	1,543.00
18262	1 1/2" #20 SS NH3 Strainer Screen	51.32
18264	AgLeader Direct Command Flow, Servo Branch Harness	181.21
18265	AgLeader Direct Command Flow 7-Boom Branch Harness	225.81
18267	Relay, 50A 12v SPST (for SprayMate II fertilizer kit)	57.99
18279	3-pin MP to Raven/Dickey John Amp Y-Cable	123.42
18280	Flow, Control, Boom Harness, SprayMate Plus WPS-PGS	251.67
18287	Cable, 3-pin WPS to WPS adapter	37.37
18288	2-pin 5' MP 280 Extension Cable	68.21
18289	2-pin 15' MP 280 Extension Cable	122.91
18290	2-pin 25' MP 280 Extension Cable	177.50
18294	Case Pro 600/700 10' Liquid Fertilizer Cable	209.00
18302	1 1/2" NH3 Strainer with Magnet Assembly	316.25
18307	Liquifier Junior and Liquifier Junior Ultra Low Rate strainer	221.52
18319	Radar Adapter for In-Cab Case MX (Britax)	117.00
18324	Topcon main branch harness	526.44
18325	Topcon speed/Flow with servo/pressure harness	273.32
18326	DirectConnect Sections 1 - 6 harness	278.15
18327	DirectConnect Sections 7 - 10 harness	245.34
18328	DirectConnect Trimble Field IQ Single Section Harness , 7'	330.00
18329	Trimble main branch harness, single section	461.53
18330	Trimble branch cable	264.49
18348	Poppet Valve Assembly	153.48
18349	DirectConnect Trimble Field IQ 1-6 Section Harness Liquid, 7'	563.00
18350	*DirectConnect Trimble Field IQ, 1-12 Section Harness Kit Liquid, 7'	722.00
18384	EMD module, standard 40 amp	591.10
18385	EMD module, PWM 40 amp	591.10
18413	Boom Y cable, MT-3405 series	146.00
18419	Cable, 2-pin MP 480 Power (40 Amp EMD)	190.24
18420	Cable, 2-pin MP 480 Motor (40 Amp EMD)	56.06
18421	2-pin 20' MP 480 Extension Cable	165.00
18422	Motor Y-Cable, 2-pin MP 480 x MP 480	102.76
18436	2-pin 15' MP 480 Extension Cable	136.59
18448	MM3 Flowmeter - .13 to 2.6 GPM, 290 PSI, 3/4" FPT, PP & SS	1,199.00
18449	MM5 Flowmeter - .3 to 5 GPM, 290 PSI, 3/4" FPT, PP & SS	1,199.00
18450	MM13 Flowmeter - .6 to 13 GPM, 290 PSI, 3/4" FPT, PP & SS	1,199.00
18451	MM26 Flowmeter - 1.3 to 26 GPM 290 PSI, 1" FPT, PP & SS	1,199.00
18452	MM53 Flowmeter - 2.6 to 53 GPM, 290 PSI, 1" FPT, PP & SS	1,199.00
18453	MM106 Flowmeter - 5 to 106 GPM, 290 PSI, 1 1/2" FPT, PP & SS	1,199.00
18454	MM158 Flowmeter - 8 to 158 GPM, 290 PSI, 2" MPT, PP & SS	1,245.00
18456	GreenStar Rate Controller DirectConnect Main Harness	374.00
18457	GreenStar Rate Controller DirectConnect Control/Flow with Section 1	249.00
18458	GreenStar Rate Controller DirectConnect Master/Relief/Agitation cable	199.00
18459	KZ NH3 Shutoff Valve Actuator 1" / 1 1/2"	636.37
18465	Liquifier Junior Ultra-Low Rate heat exchanger	2,052.45
18473	SafeGuard Console Kit w/Amphenol	881.00
18488	Cap, no threads with stainless steel U-clip	5.66
18489	Plug, no threads with FKM (Viton® type) O-ring	5.66
18493	Tee, with FKM (Viton® type) O-ring & stainless steel U-clips	14.16
18496	6-pin 2.5' JWPF Extension Cable with twisted pair	58.29
18497	6-pin 5' JWPF Extension Cable with twisted pair	72.02
18498	6-pin 10' JWPF Extension Cable with twisted pair	98.31
18500	6-pin 20' JWPF Extension Cable with twisted pair	152.02

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## Index by part number cont.

18510	U-clip, Stainless Steel	1.82
18511	SafeGuard Cartridge, GREEN	net 3.21
18514	Cartridge Retainer Clip	3.12
18515	Plug, 1/4" FPT with FKM (Viton® type) O-ring	5.66
18516	Plug, 3/8" FPT with FKM (Viton® type) O-ring	5.66
18517	Plug, 3/4" FPT with FKM (Viton® type) O-ring	5.66
18521	O-ring, FKM (Viton® type)	5.00
18524	Cap, 3/4" FPT with stainless steel U-clip	5.66
18525	6-pin 15' MP150 Extension Cable with twisted pair	113.15
18526	6-pin 5' MP150 to JWPF Adapter Cable with twisted pair	65.16
18529	Implement Whisker Switch without magnetic mount	229.06
18530	Magnet Mount for Implement Whisker Switch	100.77
18531	SafeGuard Implement Switch Module w/JWPF plugs	239.58
18532	Flow, Control, Boom Harness, SprayMate Plus WPT-PGS	251.67
18538	SafeGuard Network Terminator Plug	26.00
18541	Run/Hold Sensor Kit, Whisker Switch with Magnetic Mount and 10' Extension Cable	284.71
18555	Liquifier Junior heat exchanger	2,052.45
18598	FM750 LF SS Insert	120.31
18599	FM750 LF SS Flowmeter 1 - 9 gpm, 500 PSI, 3/4" FPT, SS & Nylon & Hastelloy	800.00
18602	3-pin MP to 3-pin MP/Dickey John AMP Y-cable	123.42
18620	Cap, 3/4" straight hose barb with stainless steel U-clip	5.66
18621	Cap, 1" straight hose barb with stainless steel U-clip	5.66
18622	Plug, 3/4" straight hose barb with FKM (Viton® type) O-ring	5.66
18623	Plug, 1" straight hose barb with FKM (Viton® type) O-ring	5.66
18624	Plug, 3/8" hose barb with 90° elbow with FKM (Viton® type) O-ring	5.66
18625	Plug, 1/2" hose barb with 90° elbow with FKM (Viton® type) O-ring	5.66
18626	Plug, 1/4" John Guest with 90° elbow with FKM (Viton® type) O-ring	12.51
18627	Plug, 3/8" John Guest with 90° elbow with FKM (Viton® type) O-ring	12.80
18653	SafeGuard Sensor Mounting Spacer	3.37
18654	2-Pin MP 480 Connector Replacement Kit (both halves, pins and seals)	36.37
18663	Extraction tool, JWPF	net 215.00
18664	Raven Flowmeter Interface without Voltage Regulator	113.75
18665	Terminator, 6-P JWPF	17.20
18666	Dust Cover, 6-P JWPF TAB	13.90
18667	Dust Cover, 6-P RCPTCL	9.43
18670	Plug, 5/16" John Guest with 90° elbow with FKM (Viton® type) O-ring	13.65
18675	Plus console Flow with Control/Multifunction/Run-Hold cable	292.88
18676	Dual Plus Channel 2 Harness	216.69
18687	SafeGuard Cartridge, PINK	net 3.21
18688	SafeGuard Cartridge, ORANGE	net 3.21
18689	SafeGuard Cartridge, YELLOW	net 3.21
18691	SafeGuard Cartridge, BLUE	net 3.21
18692	SafeGuard Cartridge, RED	net 6.80
18693	SafeGuard Cartridge, BROWN	net 5.39
18694	SafeGuard Cartridge, GREY	net 5.39
18695	SafeGuard Cartridge, WHITE	net 8.37
18700	SprayMate Plus Console	1,161.00
18701	RateKing Plus 5 Section Console	1,041.00
18702	RateKing Dual Plus 5 Section Console	2,414.00
18715	RateKing Plus 3 Section Console	1,401.00
18716	RateKing Plus 7 Section Console	1,651.00
18717	RateKing Dual Plus 3 Section Console	2,414.00
18718	RateKing Dual Plus 7 Section Console	2,789.00
18721	SafeGuard Sensor Bracket	9.65
18722	2-Pin 280 Connector Replacement Kit (both halves, pins and seals)	22.24
18754	Plus Series Single Pressure Sensor Cable	77.67
18755	Plus Console Dual Pressure Sensor Cable	137.45
18757	Plus System Pressure Sensor, 150 PSI	216.33
18758	Plus System Pressure Sensor, 300 PSI	216.33



## Index by part number cont.

18764	Plus System Single Pressure Harness Kit _____	115.97
18765	Plus System Dual Pressure Harness Kit _____	216.33
18767	MT-NH3 Power / Master Switch Adapter Cable _____	62.56
18770	SprayMate Plus (2014 to current) - System Manual _____ net	11.83
18774	Radar Adapter for In-Cab Case FMX _____	117.00
18775	KZ NH3 Servo Valve Actuator 1", 1 1/2" _____	693.70
18777	SprayMate Plus Console to SprayMate II harness adapter cable _____	77.86
18781	FM270 LF Flowmeter .5-15 GPM, 225 PSI, M200 flange, PP, SS, & Nylon & Hastelloy _____	689.00
18781-P	FM270-P LF Flowmeter .5-15 GPM, 225 PSI, M200 flange, PP, SS, & Nylon & Hastelloy _____	452.00
18802	15' Power Cable with 15 Amp Fuse _____	267.89
18819	5 Section WPT - PGS Branch Cable _____	221.66
18820	7 Section WPT - PGS Branch Cable _____	253.77
18827	2-Pin 5' MP 480 Extension Cable (1.5m) _____	109.44
18828	2-Pin 10' MP 480 Extension Cable (3.0m) _____	125.01
18829	2-Pin 25' MP 480 Extension Cable (7.6m) _____	169.05
18830	7-Pin 5' MP Extension Cable, 12/20 _____	123.81
18831	7-Pin 10' MP Extension Cable, 12/20 _____	159.00
18832	7-Pin 15' MP Extension Cable, 12/20 _____	188.88
18833	7-Pin 20' MP Extension Cable, 12/20 _____	221.56
18834	7-Pin 25' MP Extension Cable, 12/20 _____	254.05
18835	7-Pin 50' MP Extension Cable, 12/20 _____	416.80
18836	RateKing Dual Plus - System Manual _____ net	11.83
18844	SafeGuard ISOMOD - System Manual _____ net	11.83
18851	TeeJet Flow Adapter Cable _____	61.89
18864	RateKing Plus - System Manual _____ net	11.83
18872	3 Section WPT - PGS Branch Harness, Mixed Conductor _____	193.51
18893	MM2 Flowmeter - .08 to 1.6 GPM, 290 PSI, 3/4" FPT, PP & SS _____	1,199.00
18894	ISOBUS Tap Cable, 6-pin MP150 _____	197.00
18895	ISOBUS Tap Cable, 12-pin Ampseal (John Deere) _____	197.00
18896	ISOBUS Tap Cable, 4-pin Delphi MP630 (Great Plains/Dickey John) _____	197.00
18897	ISOBUS Tap Cable, 8-pin Delphi GT280 (Case) _____	197.00
18905	TBC Terminator Plug (Powell) _____	136.43
18921	IBIC Breakaway Implement Cable (no power connection) 10' _____	554.00
18922	SS Bearing Housing w/bearing for FM270, FM10/100, & FM1500 _____	249.16
18924	10-Amp PWM Electric Motor Driver Module with enable _____	285.00
18925	40-Amp PWM Electric Motor Driver Module with enable _____	595.00
18926	ISOmod Programming Adapter Cable _____ net	28.51
18927	PWM EMD Splitter Cable _____	84.20
18928	Multifunction Output Secondary Pump Enable Cable _____	215.77
18941	Motor Cable 4' _____	29.66
18944	Deutsch DTM Tap Cable (in-cab) Kit with power cable _____	197.00
18945	Deutsch DT Tap Cable (in-cab) Kit with power cable _____	265.00
18950	Deutsch DT Tap Cable (in-cab) Kit with power adapter _____	265.00
18955	Adapter Cable kit, ECU Power _____	123.00
18963	O-Ring, Orifice Plate _____	1.42
18967	Deutsch DT Terminator Cable w/TBC Plug _____	156.14
18968	Deutsch DTM Terminator Cable w/TBC Plug _____	172.00
18982	10' Power Cable w/5A fuse kit _____	42.48
18985	MC-10 Pressure Gauge Bracket (Deep Back, No Gauge) _____	53.65
18990	Dual Relay Control Module _____	283.15
18996	FM750 LF GFN Insert O-ring _____	1.56
19016	3P WPS Section to 2P WPT Solenoid Adapter Cable _____	28.54
19017	Tee, with FKM (Viton® type) O-ring & stainless steel U-clips (Fumigant Compatible) _____	14.16
19059	2" Flange Gasket and Clamp Kit (2 ea.) _____	41.27
19060	SafeGuard Cartridge Kit, BLACK (included in fumigant sensor kits) _____ net	3.21
19087	Single Relay Module _____	206.77
19088	3-pin WPT to 2-pin Deutsch adapter 6" _____	44.16
19093	Servo Valve, 1" Butterfly, Viton® O-rings, 150 PSI _____	332.00
19094	Servo Valve, 1" High Pressure Butterfly, Viton® O-rings, 300 PSI _____	386.00

## Index by part number cont.

19095	Servo Valve, 1" Butterfly (aqueous ammonia, w/EPDM O-rings) 150 PSI	332.00
19096	Servo Valve, M200 Flanged or 1 1/2" FPT , 1" Butterfly, Viton® O-rings, 150 PSI	465.00
19097	Servo Valve, M200 Flanged or 1 1/2" FPT, 1.5" Butterfly, Viton® O-rings, 150 PSI, M200	465.00
19098	Servo Valve, M200 flange or 1 1/2" FPT(aqua ammonia, EPDM O-rings)1" Bttrfly, 150 PSI	465.00
19099	Servo Valve, M200 Flanged or 1 1/2" FPT(aqua ammonia, EPDM O-rings)1 1/2" Bttrfly	465.00
19101	Liquifier Junior Ultra Low Rate NH3 Servo Valve, 3/4" x 1"	1,190.00
19102	NH3500 NH3 Servo Valve, 3/4" x 1"	1,176.00
19103	Liquifier Junior NH3 Servo Valve, 1" x 1"	1,176.00
19104	Liquid Servo Valve Replacement Powerhead (Viton) 2016-current	313.00
19170	Fuse Holder Kit	56.02
19295	30' 2-pin MP 480 Power Cable	180.14
19313	16-pin 5' GT Extension Cable	149.72
19314	16-pin 10' GT Extension Cable	227.14
19315	16-pin 15' GT Extension Cable	304.77
19316	16-pin 20' GT Extension Cable	385.48
19317	16-pin 30' GT Extension Cable	540.55
19318	16-pin 40' GT Extension Cable	695.52
19319	16-pin 50' GT Extension Cable	850.58
19347	2-pin 40' MP 480 Extension Cable	277.05
19348	2-pin 50' MP 480 Extension Cable	297.91
19425	FM250 P Flow sensor cable, 1' (.3 m) with 3-pin MP shroud	255.74
19444	Power Cable 15'	77.46
19503	Liquid Servo Valve Replacement Pwrhd (Aqueous Ammonia w/EPDM), 2016-current	313.00
19505	NH3 Servo Valve Replacement Powerhead 2016-current	419.00
19507	Pressure Sensor Extension Cable 50'	166.64
19508	Pressure Sensor Extension Cable 25'	95.00
19603	Dual ISOmod - System Manual	net 11.83
19604	Dual ISOmod Bulkhead Harness 2'	544.64
19605	Dual ISOmod Channel 1 Branch Cable 10'	255.37
19606	Dual ISOmod Channel 2 Branch Cable 10'	254.00
19609	Liquifier Junior Upgrade Kit	56.74
19616	6-pin 5' Amphenol Twisted Pair Extension Cable	72.02
19617	6-pin 10' Amphenol Twisted Pair Extension Cable	98.31
19618	6-pin 15' Amphenol Twisted Pair Extension Cable	125.16
19619	6-pin 20' Amphenol Twisted Pair Extension Cable	152.02
19620	6-pin 25' Amphenol Twisted Pair Extension Cable	178.88
19621	6-pin 30' Amphenol Twisted Pair Extension Cable	205.75
19624	6-pin 15' MP150 to Amphenol Twisted Pair Adapter	113.15
19625	SafeGuard Implement Switch Module w/Long Amphenol	239.58
19667	Dual ISOmod Module	1,631.00
19669	Dual ISOmod 6-section Branch Cable 10' (3.0m)	255.00
19670	Dual ISOmod 12-section Branch Cable 10' (3.0m)	465.00
19676	6-pin 25' MP150 to Amphenol Twisted Pair Adapter	164.85
19681	6-pin Amphenol Terminator Tower	24.31
19682	6-pin Amphenol Terminator Shroud	17.20
19688	6-pin Amphenol Tower Dust Cover	13.90
19689	6-pin Amphenol Shroud Dust Cover	9.43
19693	6-pin Amphenol Connector Replacement Kit	41.64
19694	6-pin 2.5' Amphenol Twisted Pair Extension Cable	58.30
19700	IBIC Breakaway Implement Cable (w/power connection) 10'	646.00
19703	16-pin GT Shroud Dust Cover (female)	16.77
19713	Field IQ Master Valve Cable, 7'	114.56
19721	DirectConnect Trimble Field IQ 1-6 Section Harness NH3, 7'	667.00
19722	*DirectConnect Trimble Field IQ 1-12 Section Harness NH3, 7'	824.00
19727	TeeJet ASC Adapter Cable RateKing	416.00
19731	2-pin PWM Control Signal Reversal Adapter	23.33
19745	2-pin 30' MP 480 Extension Cable	184.26
19749	Section Relay Module Enable	69.77
19770	2" Full Port Banjo Flange Adapter Kit (for mag. fl. kits 01826, 01827)	30.12



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19771	2" Std. Prt Banjo flange Adptr (mag. fl. kits 01901, 01821, 01822, 01823, 01824, 01825)	35.14
19774	6-pin 5' MP 150 ISOmod Extension Cable	164.77
19775	6-pin 10' MP 150 ISOmod Extension Cable	180.71
19776	6-pin 20' MP 150 ISOmod Extension Cable	212.52
19777	6-pin 30' MP 150 ISOmod Extension Cable	244.42
19778	6-pin 40' MP 150 ISOmod Extension Cable	276.34
19795	NH3 Flowmeter Rebuild Kit w/turbine	237.01
19797	FM750 LF SS for NH3 Flowmeter, 1 - 9 gpm, 500 PSI, 3/4" FPT, SS & Nylon & Hastelloy	967.59
19798	FM1500 SS for NH3 Flowmeter, 10-130 GPM, 500 PSI, 1 1/2" FPT, PP & Nylon & Hastelloy	1,284.45
19799	FM1500 SS LF for NH3 Flowmeter, 3.5-70 GPM, 500 PSI, 1 1/2" FPT, SS & Nylon & Hastelloy	1,336.79
19811	NH3 Servo Valve Replacement Powerhead, retrofit 2005 model	419.00
19813	FM1500 SS NH3 Flowmeter Rebuild Kit w/turbine	241.71
19823	16-pin GT Tower Dust Cover (male)	27.21
19824	2-pin MP 480 Shroud Dust Cover (female)	20.13
19825	2-pin MP 480 Tower Dust Cover (male)	17.14
19828	MM106FL Flowmeter - 5 to 106 GPM, 290 PSI, M220 flange, PP & SS	1,245.00
19830	Flo-Pro - System Manual	net 11.83
19834	Flo-Pro Branch Harness 10'	258.51
19835	Flo-Pro Power Cable 10'	61.85
19836	Flo-Pro Console	902.00
19837	JWPF Tower to Amphenol Shroud Adapter Cable	net 12.00
19838	JWPF Shroud to Amphenol Tower Adapter Cable	net 12.00
19857	ISOBUS Tap Cable Kit, Includes 6-pin MP150 18894 and 18955 ECU Power Adapter Cable	265.00
19862	RateKing XRS - System Manual	net 11.83
19875	FM1500 Bearing Housing with Bearing for NH3	287.34
19876	Flo-Pro Relay Module	88.11
19877	Flo-Pro Relay Kit 15A max	191.00
19897	3-pin WPT to 2-pin Deutsch adapter 10'	53.23
19882	RateKing XRS Trailer Harness (branch), 15'	650.35
19883	RateKing XRS Tractor Harness, 5'	320.76
19884	RateKing XRS Console	2,053.00
19905	MT Harness to Raven Fast Valve Adapter	213.49
19906	Radar Adapter for Raven CONXALL	69.00
19907	MT Harness to Raven NH3 Servo and Shut-off Adapter Cable	321.54
19922	SprayMate Plus to Raven 440 Adapter Cable w/CPC Female Connector, 10'	204.46
19928	SafeGuard Cartridge, BLACK w/range extender, low range, fumigant	net 9.26
19951	USB to RS232 Adapter Cable	net 82.51
19952	M12 Adapter Cable WPS-PGS	107.53
19953	ISOmod Programming Cable Kit	net 115.63
19954	M12 Adapter Cable MPS-PGS	105.55
19955	SprayMate XRS Console	1,452.00
19958	SprayMate XRS Branch Cable	437.24
19959	SprayMate XRS - System Manual	net 11.83
19960	Console Quick Mount kit	81.94
19963	2nd Motor EMD Enable & Power Cable kit	272.00
20182	FM500 Rotor, PP with Nivapoint Shaft	89.21
20268	Polmac 3-pin WP Flow Sensor Cable	147.03
20365	NH3500 Strainer Assy.	271.24
20486	3/8" EVA Tubing NH3500	2.80
21016	FM750 GFN & LF Housing with bearing (one half of flowmeter)	196.45
21612	DrillMaster Multi Section Module	467.90
21691	KZ 1" valve body only	475.04
21778	Run/Hold Switch Assy. - SprayMate Plus, RoadMaster, DrillMaster	90.33
21779	Power Switch Assy. for consoles	90.32
21963	Run/Hold Switch Assy. - SprayMate II, MT-NH3 II, GSC-1000	90.32
21993	Cartridge Range Extender	14.47
22032	FM250 P Flowmeter .08 to 1.6 GPM, 290 PSI, 1/4" NPT and 1/2" HB, IXEF & SS	491.00
40203	*Demonstration Display Adapter Cable, SprayMate II, RoadMaster	net 40.71
40204	*Demonstration Display Adapter Cable, MT-2405 F II	net 81.02

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40205	*Demonstration Display Adapter Cable, MT-3405 F II, MT-3405 D, MT-9000 _____	net 38.34
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40267	*Demonstration Display Adapter Cable, SprayMate Plus _____	net 37.91
40311	*Demonstration Display Adapter Cable, RateKing Plus/Dual Plus _____	net 40.15
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50346	FlowMate - Instruction Sheet _____	net 6.61
50371	SafeGuard Console - System Manual _____	net 6.61
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50414	SprayMate Plus to Raven 440 Adapter w/CPC Male (old style) - Instruction Sheet _____	net 6.61
11259-01	Polmac FM2000P & 3" Sensor (Green) _____	289.30
11259-02	Polmac Seeger Ring #48, 2" _____	15.61
11259-03	Polmac Tunnel 2" _____	53.00
11259-04	Polmac Shaft Holder 2" _____	12.50
11259-05	Polmac Turbine Shaft 2" _____	13.53
11259-06	Polmac Seeger Ring #10, 2" _____	13.53
11259-07	2" Polmac Flowmeter Rotor Bearing _____	68.67
11259-08	2" Polmac Flowmeter Spacer Washer _____	14.57
11259-09	2" Polmac SS Turbine _____	383.91
11259-10	2" Polmac Flowmeter Housing _____	303.43
11259-11	Polmac Rotor Shaft-Ceramic _____	68.67
11259-12	Polmac Rotor Bushing-Ceramic _____	24.54
11259-13	Polmac Rotor Support-Ceramic _____	138.37
11259-14	Polmac Rotor Support-Nylon _____	11.44
11259-15	Polmac Flow Sensor, sq. wave (Yellow) _____	216.45
12414-01	3" Polmac Rotor Repair Kit-Ceramic _____	384.99
12414-02	Polmac Flow Sensor, sinusoidal 3" (green) _____	307.93
12414-03	3" Polmac Flowmeter Turbine _____	931.16
12414-04	3' Flowmeter Rotor Shaft-Ceramic _____	68.67





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