AGCO
Your Agriculture Company



MARCH UPDATE 2026

Technology Catalog

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AGCO PARTS

AGCO Parts Technology Catalog

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See your local AGCO Parts representative or parts.agcocorp.com for dealer-specific pricing.

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= New Section / Important Updates Recently Made

(309) 306-7073
PTx Precision Ag Line

For all your AGCO Technologies and precision AG-related questions, such as calibrations, setup configuration, interoperability with other technologies, and best practice utilization.

See your local AGCO Parts representative for dealer-specific pricing.

Guidance

CEA-Supported Guidance Receivers and Controllers

SMART7 | NovAtel is one of two AGCO guidance factory-installed GNSS receiver options. Backward-compatible SMART7 began replacing the SMART6-L from factories in 2020, has access to additional GNSS constellations (improved performance under variable terrain and weather, and is TerraStar-C Pro enabled (40% better horizontal Accuracy + 60% reduction in convergence time than TerraStarcC. *See Bulletin 'Fuse2002PMB' for further details.*



SMART7 Receiver

Receiver (Cables, Antennas Sold Separately)	
72663128*	SMART7 Receiver
AG430537**	WR9900 (Starting MY 22) Massey Ferguson Guide Roof Install Completion Kit

* See Parts Books for Required Machine Specific Hardware/Cabling to complete installation.
** Receiver sold separately. Kit contains harness, bracketry and Hardware to complete install.

Adapters & Harnesses	
Part Number	Description
72618662	Adapter Harness Novatel (Required for NovAtel Receiver Installation) (Fendt and CH1000/MT700 only)
ACW1912100	NovAtel GNSS Receiver Jumper Harness (Fendt IDEAL and Gleaner Only)
ACW033018A	NovAtel BVS Platform Harness, (Supports Massey Guide for MF MY18 8700, CH MY18 MT600, all MF S-Series.) (FieldStar 5 required for MF57/67/7700SSeries.)
591902D2	Receiver Jumper Harness (Rogator C-Series / Terragator C-Series)

Novatel Service Levels					
	WAAS	TerraStarL	TerraStarC†	Network RTK	TerraStarC Pro†
Unlock Level	Sub-meter	Sub-meter	Decimeter	Centimeter	Decimeter
SMART Receiver	-	SMART6-L or 7	SMART6-L Only	-	SMART7 Only
Coverage	North America	Most of World	Most of World	Regional	Global
Pass to Pass*	±6-12" (±15-30 cm)	±6" (±15 cm)	±1.2" (±3 cm)	± 1" (± 2.5 cm)	±0.8" (±2 cm)
Repeatable**	±60" (±150 cm)	±16" (±40 cm)	±1.5" (±4 cm)	± 1" (± 2.5 cm)	±1" (±2.5 cm)
Convergence	1-5 min	5 min	30 min	5 min	5 Min (>7.08.12 firmware)

* Pass-to-Pass based off of 15 min interval with 95% confidence.
** Repeatable window is 24hrs or longer.

FUSE - Upgrades and Subscriptions

Time zone: America/Chicago (GMT -5)

Upgrades & Subscriptions All Novatel upgrades and subscriptions are purchased and activated through the **Fuse Upgrades and Subscriptions website.** (Located on the dealer portal under the "AGCO Technologies" menu on the "Fuse" page.)

Subscriptions				
	3 Months	1 Year	2 Years	3 Years
TerraStar-L	-	ACP0213770	ACP0213780	ACP0213790
TerraStar-C	ACP0213710	ACP0213730	ACP0213740	ACP0213750
TerraStar-C Pro	ACP0428570	ACP0428540	ACP0428550	ACP0428560
RTK Assist*	ACP0784280	ACP0409990	-	ACP0784300
RTK Assist Pro (SMART7 Only)	ACP0758010	ACP0664870	-	ACP0784310

*RTK Assist typically provides 4 cm accuracy. However, if the RTK outage occurs during the first 30 min. of operation, position accuracy provided by RTK ASSIST may be lower.

Accuracy Upgrades		
	Part Number	Description
SMART 6L	72619393	Sub-meter to CM
	ACP0144200	Sub-meter to DM
	ACP0144210	Decimeter to CM
SMART7	72657904	Sub-meter to CM
	72657906	Sub-meter to DM
	72657905	Decimeter to CM

Free Subscription Trials (Available once per serial number)					
	TerraStar-L	TerraStar-C	TerraStar-C Pro	RTK Assist	RTK Assist Pro
30 Day	ACP0286960	ACP0150430	ACP0428580	ACP0758020	ACP0758030
1 Year	ACP0619070	-	-	-	-

*TerraStar-C PRO Subscription DEMO needs to be ordered same day if desired

35-Day Accuracy Upgrade Trials (free*)	
ACP0286970	CM Upgrade, SMART6-L
ACP0584090*	CM Upgrade, SMART7

GUIDANCE

Guidance

CEA-Supported Guidance Receivers and Controllers

AG-482 | Trimble is one of two AGCO guidance factory-installed GNSS receiver options. The AG-482 and AG-382 provide access to Trimble's correction services, AG-482 features expanded access to additional constellations.
See Bulletin 'Fuse20-28PMB' for further details



AG-482 Receiver

Receiver (Cables, Antennas Sold Separately)	
72662656*	AG-482 Receiver
AG430538**	WR9900 (Starting MY 22) Massey Ferguson Guide Roof Install Completion Kit

*See Parts Books for Required Machine-Specific Hardware/Cabling to complete installation.
** Receiver and RTK radio sold separately. Kit contains harness, bracketry and Hardware to complete install.

Adapters, Antennas, and Harnesses*	
Part Number	Description
72618438	Trimble RG/TG CSeries Jumper Harness
ACW041064B	Trimble BVS Platform Harness (Supports Massey Guide for MF MY18 8700, CH MY18 MT600, all MF S-Series.) (FieldStar 5 required for MF57/67/7700S-Series.)
ACW1912110	Gleaner S9 & Fendt IDEAL Jumper Harness

*No cable needed for FT5/7/9/1000, CH1000, and MT700

Trimble Service Levels					
	WAAS	RangePoint RTX	CenterPoint RTX Std.	CenterPoint RTX Fast	RTK
Unlock Level	Sub-meter	Sub-meter	Decimeter	Centimeter	Centimeter
Coverage	North America	Most of World	Most of World	Portions of NA	Regional
Pass to Pass*	±6-12" (±15-30 cm)	± 6" (± 15cm)	± 1" (± 2.5cm)	± 1" (± 2.5cm)	± 1" (± 2.5cm)
Repeatable**	±60" (±150 cm)	± 20" (± 50cm)	± 1" (± 2.5cm)	± 1" (± 2.5cm)	± 1" (± 2.5cm)
Convergence	1-5 min	1-5 min	< 20 min***	1-5 min***	Depends Locally

*Pass-to-Pass based off of 15 min interval. **Repeatable window is 24hrs or longer.
*** For AG-482 Receivers with firmware update 11.20.411.003.4 / Fendt EOL7.88 or later, RTX Std. conversion time <5 Min. For RTX Fast, RTX Fast convergence is improved to <2 min. See Fuse Bulletin No. 32_04-22 for more details.

FUSE - Upgrades and Subscriptions

Time zone: America/Chicago (GMT -5)

Upgrades & Subscriptions All Trimble upgrades and subscriptions are purchased and activated through the **Fuse Upgrades and Subscriptions website.** (Located on the dealer portal under the "AGCO Technologies" menu on the "Fuse" page.)

Subscriptions		
	1 Year	3 Years
RangePoint RTX	ACP0144050	ACP0584160
CenterPoint RTX Std.	ACP0144150	ACP0346840
CenterPoint RTX FAST*	ACP0144140	ACP0144180
xFill Premium	ACP0584070	-

*Receiver must be upgraded to cm-level accuracy for RTX FAST service to operate.

Accuracy Upgrades		
	Part Number	Description
AG-382	72630141	Sub-meter to CM
	72619394	Sub-meter to DM
	72619395	Decimeter to CM
AG-482	72661152	Sub-meter to CM
	72661150	Sub-meter to DM
	72661151	Decimeter to CM

Free Subscription Trials (Available once per serial number)		
CenterPoint RTX FAST*	ACP0152340	15 Day
CenterPoint RTX	ACP0920010	1 Year (only for receivers from 2024)
Submeter to Decimeter Upgrade for Trimble AG482 Receiver	ACP0920000	1 Year (only for receivers from 2024)

15Day Master Demo Unlock (free)	
ACP0150440**	AG-382
ACP0584080	AG-482

**MANDATORY FIRMWARE UPDATE (v9.39 or later) REQUIRED

Guidance

CEA Guide Retrofit Kits

Windrower CEA Guide Retrofit Install Completion Kit*		
	Novatel	Trimble
Model Year 2022	AG430537	AG430538
Model Year 2018-2021	ACX2468370	

*Receiver Sold Separately. Includes all nonreceiver components required to take machine from CEA guideready to CEA Guidance complete. See Fuse Bulletin No.: 29_04-22 for more details.** Receiver sold separately. Kit contains harness, bracketry and Hardware to complete install.

CEA Guide Controller Retrofit Components

CEA Guide Controller | AGCO's VDOx serves as the vehicle navigation controller as well as supplies a data plan (sold separately) to the vehicle, providing the link to support services such as NTRIP, TaskDoc Pro, and AgroLink.

To Complete VDOxEnabled NTRIP guidance package, note the two following prerequisites must be installed / enabled:

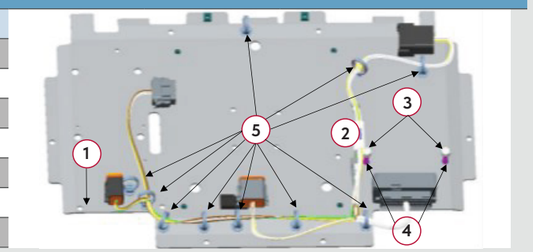
1. Data Plan— See "AGCO Sim Cards and Data Plans' Offering in the Terminals/Task Mgmt. section of this catalog.
   - Virtual Based Network Subscription from either DigiFarm or CORS RTK cellular correction networks.

VD0x Cables, Adapters and Antennas		
Part Number	Item	Description
72666418	A	VDOx Antenna Cable (Tractor Applications) - 26.2" long w/ 90° TNC both ends
72653935	B	Antenna Adapter TNC(f) to TNC(f)
72310936	C	Hex Head Protective Cap
72618811	D	Antenna GSM / CDMA—900MHz
ACW9332100		900MHz Full RTK NTRIP Install Kit for Gleaner Only (Includes items BD above w/ a longer A), Only available as piece parts through Epsilon



VD0x w/Antenna and cable

VD0x / Receiver Mounting Hardware for Machines Prior to MY14		
	Part Number	Description
1*	72657999	Mounting Plate
	ACX2613290	MF S-Series, Valtra S w/ Smart Touch
	72615415	Mounting Plate Frame (Not Pictured)
2	72618438	Roof Installation Cable Loom
3	72315633	Controller Hex Bolt (Need Qty. 2)
4	72317120	Controller Spring Washer (Need Qty. 2)
5	72428107	Cable Ties (Need Qty. 10)



*For machines post MY14, see Parts Books for Bracket and Hardware.

TopCon Auto-Guide Legacy

Auto-Guide 3000** (Antenna Lits Include Cable, Adapter and Antenna)			
Part Number	Description	Part Number	Description
ACZ000035C*	AGI-4 Topdock Receiver, WAAS.	72653935	TNC-TNC Adapter
ACZ0001720	AGI-4 Mounting Kit	72486959	Antenna Cable
ACZ000034C	AGI-4 Wiring Harness		
ACZ000038B	AGI-4 Decimeter Snap-in Mod. (OmniSTAR)	ACZ0002770	Antenna, 900MHz
ACP0517370	AGI-4 RTK Snap-in Mod., 915MHz. No Modem	72486939	Null Modem Adapter

* Reman Option Available

GUIDANCE

Guidance

RTK Radios, Cables, Adapters and Antennas

RTK Hardware | When radio to base station RTK service is available on machines operating Novatel or Trimble receivers, the following components will be required. (see previous sections for respective Novatel and Trimble part number and RTK performance information. Also see bulletin 'FUSE 20-05PMB' for further details.)

Trimble RTK Radio Modems | Trimble RTK Radio Modems | The offering of the Trimble AG-715, AG-725 integrated RTK radios allow the customer to access RTK level correction services when used with the Trimble AG-382, and AG-482 receivers.

Radios and Receivers (SEE PARTS BOOKS FOR FULL INSTALL KITS)					
Part Number	Item	Description			
72619270	1A	AG-715 Radio, 900MHz (for AG-382 Receiver)			
AG430538	1B	AG-725 Radio, 900MHz*			
72630152	1C	AG-715 450 MHz RTK Radio (UHF)			
72662657	1D	AG-725 Radio, 450 MHz RTK Radio (UHF)			
72653935	2	TNC-TNC Adapter			
Trimble Radio Cables	3	Generic / Fendt	MT700	MF S	Gleaner / IDEAL
		72666420	591644D1	72486959	72618670
72618811	4A	4B	Antenna GSM/CDMA/900MHz		
72618810	4C	4D	Antenna UHF (450 MHz)		

*AG-725 Radio Compatible with AG-382 Receiver, however, Receiver needs to be upgraded to at least EOL November 2020



Trimble RTK Radio Modem (Item 1)



TNC-TNC (Item 2)



Antenna (Item 4A/B)



591644D1 (Item 3)



ACW2233080 (Item 3)

450MHz UHF RTK Radio | This is the radio to use for base-station RTK offering for machines with Novatel Smart6-L and SMART7 receivers installed. Operating license may be required in NA for broadcasting at 450MHz.

450 MHz UHF Cables, Adapters and Antennas	
Part Number	Description
72625971	SATEL Proof UHF Radio Modem, 450MHz
ACX2960010	UHF Radio Modem/Antenna Full Install Kit, Fendt IDEAL Combine
ACW9332580	"" "", Gleaner S-Series (Order Through Dealer Central)

450 MHz UHF Cables, Adapters and Antennas					
Part Number	Item	Description			
72625971	1	Novatel Satel Easy-Proof UHF Radio Modem			
72486959	2	TNC-TNC Adapter			
UHF Satel Radio Cables	3	Generic	MT700 Only	MF S-Series Only	Gleaner Only
		72654043	591648D1	ACW1091250	ACW3799770
72618810	4	UHF Antenna			



Satel RTK Radio Modem

GUIDANCE

Guidance

Fendt RS1™

Fendt RS1 | Combines autosteer, GPS, and Slingshot® into one intuitive, easy-to-use unit. Incredible accuracy at both high and low speeds with quick line acquire improves efficiency and gives you the power to cover more acres in a day. The unit is designed with a simple set up and integrated help guides, enhanced further by Slingshot - providing remote support, file transfer, OTA software updates and fleet management and logistics.

Features & Benefits:

- Enhanced Steering Performance in a Wide Range of Terrain
- Enhanced 3D Compensation for Rugged Terrain
- Fully-Scalable GPS Solution
- Remote Service Support via SlingShot modem (OTA Updates, Remote Service, Telematics)
- Multiple Methods of System Connectivity (Cellular, WiFi, Ethernet)
- Serial GPS Output (NMEA 0183) or Simulated Radar Output
- Compatible with ISOBUS 11783 Curvature Messages for both ISO Steer Ready and Raven Aftermarket Steering Controllers



RS1 Kits				
	Cell Antenna	Modem	Accuracy Unlock	Steering Unlock
AG429824	NO	NO	NO	NO
AG429825	NO	NO	NO	YES
AG429826	NO	NO	GS	NO
AG429828	NO	NO	GS	YES
AG429827	NO	NO	RTK	NO
AG429829	NO	NO	RTK	YES
AG429818	NO	YES	NO	NO
AG429823	NO	YES	NO	YES
AG429820	NO	YES	GS	NO
AG429819	NO	YES	RTK	NO
AG429822	NO	YES	RTK	YES
AG429814	YES	YES	NO	NO
611303D2	YES	YES	SBAS	YES
AG429813	YES	YES	GS	NO
611306D2	YES	YES	GS	YES
AG429816	YES	YES	RTK	NO
AG429817	YES	YES	RTK	YES

RS1 Installation Kits	
Part Number	Description
AG429808	RoGator C & TerraGator C Series
AG429803	RoGator B Series MY2015
AG429805	RoGator B Series 2016 Onward
AG430274	RoGator A Series
AG429809	TerraGator 8400B (2016-Up)
AG429807	TerraGator 8400B (2015)
AG429981	TerraGator 7300B/8300B/9300B (2015-up)
AG429806	Massey/Challenger MT600C/D/E
AG429810	Kit, Roof, RS1, AGCO Tractors
AG429811	Kit, Roof, RS1, AGChem Legacy

For Ad-On Unlocks and Accuracy Upgrades for RS1, See Next Page.

GUIDANCE

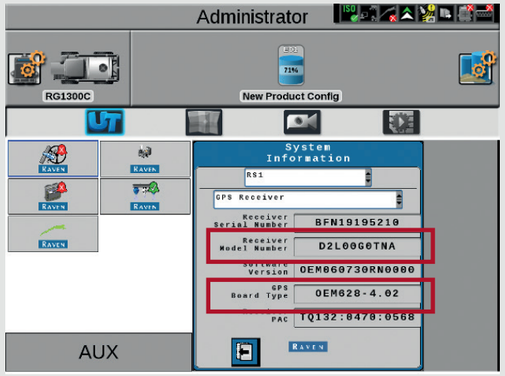
Guidance

Fendt RS1™ Continued

Fendt RS1 Unlocks and Accuracy Upgrades | Upon determining which accuracy that the customer desires to unlock, go to the Viper 4+ UT screen. It is critical to determine which generation of GPS Board is being used in the customer's RS1 (Gen 6 vs. Gen 7) displayed in the 'GPS Board Type' field (shown below).

If an OEM-729 board is used, you must also note the Receiver Model Number displayed in the 'Receiver Model Number' field (shown below). This will determine the 729 board type (Original vs. New) and the necessary part number required.

Also be sure to note and record the other fields on this screen, as that information will be required when filling out the Fuse GTM form (below URL) upon ordering said unlock.



!! Be sure to open up the RS1 System information in the Viper 4+ and verify the GPS Board Type and Receiver Model Numberbefore purchasing the receiver upgrade. This is essential in ensuring the correct unlock is purchased !!

OEM-729 Model Differentiation		
Original OEM729	New OEM729	Description
DDNLNNTMN	FFNLYNTMN	Base Model
DDNPNNTMN	FFNPYNTMN	Satellite GS Pro
FDNBNNTBN	FFNBYNTMN	RTK

Add-On RS1 Unlocks & Upgrades†				
OEM-6 !!	OEM-7500 !!	Original OEM-729 !!	New OEM-729 !!	Description
AG429252 !!	AG430407 !!	AG430561 !!	AG430588 !!	WAAS to GS Upgrade*
AG429253 !!	AG430542 !!	AG430559 !!	AG430589 !!	WAAS to RTK Upgrade*
AG430410 !!	AG430409 !!	AG430562 !!	AG430590 !!	GS to RTK Upgrade*
AG430102 †, **				Kit, Cell Unlock (AG429949) + Cell Antenna + Hardware **
AG429994†				RS1, High Speed Steering Unlock

Free 5-day trial unlock for GS or RTK corrections upgrades available twice in the lifetime of a receiver. Contact Raven Tech-support for further details and activation.

RS1 / 700S Satellite GS Subscriptions*					
RS1 Compatibility	Description	3 Months	1 Year	2 Years	3 Years
OEM-6 Only	Satellite GS*	AG430514	AG430515	AG430516	AG430517
OEM-7 Only (for both 7500 and 729)	Satellite GS Pro*	AG430518	AG430519	AG430520	AG430521
	GS-Lite*	-	AG430539	-	-

*After placing the order, these RS1 unlocks, upgrades, and Satellite GS Subscriptions must be activated by filling out the information within the **Fuse GTM form** for Raven, found on the dealer portal at the Fuse Upgrades and Subscriptions Page.

†Fuse GTM form not required for this product and is shipped to dealer as a physical printout of the unlock. Printout will include instructions for activating the unlock using the **Raven Activation Key Request Site.**

Guidance

Raven SC1— Steering Control Solution

SC1 | The latest technology SC1™ coupled with a Raven field computer and GPS solution of your choice, is designed to provide cutting-edge, hands-free machine steering. Incredible accuracy at both high and low speeds with quick line acquire improves efficiency and gives you the power to cover more acres in a day. With functionality and user interface similar to the RS1, the unit is designed with a simple setup and integrated help guides. The compact ECU can easily be installed in the cab and out of sight.

Compatible with Viper® 4/Viper® 4+ with or without internal GPS, and CR7™ and CR12™ field computers.

Features & Benefits:

- Utilizes External Raven/3rd Party GPS/GNSS System
- Single Product Node Footprint with Temperature-Compensated Interials.
- Similar Steering Performance – Enhancing Benefits, Functionality and User Interface to RS1.
- Installs in cab—Out of Sight
- Direct Interface for ISO valve
- Machine-Specific Tune Sets
- Compatible with Viper® 4/Viper® 4+, CR7™ and CR12™ Field Computers
- Can Upgrade to Slingshot® with Additional Hardware or GPS/GNSS Solution
- Compatible with ISOBUS 11783 Curvature Messages for both ISO Steer-Ready and Raven Aftermarket Steering Controllers
- Ability to Configure 3rd-party Radio on Field Computer; Tested and Supported Solutions Include 450/900 MHz AG715 Radios
- Additional Radio Configurations May be Compatible but Require Additional Validation



SC1-Steering Control Kits	
Part Number	Description
AG430555	Kit, Fuse Starfire Receiver Guidance Completion Kit, Fendt Rogator 900
AG429934	Kit, SC1 RoGator C
AG429935	Kit, SC1, RoGator B
AG429936	Kit, SC1, RoGator B Series, MY 15
AG430273	Kit, SC1/HDU SteeringReady Install, Rogator A Series
AG429968	Kit, Install, SC1, TerraGator, 7300/8300/9300 B Series, MY15
AG429969	Kit, Install, SC1, TerraGator, 8400B, MY16+
AG429970	Kit, Install, SC1, TerraGator, 8400B, MY15
AG429971	Kit, Install, SC1, TerraGator, 7300/8300/9300 B Series, MY16+
ACP0696010	HDU Kit, cnh Patriot 3XXX, MY 17-18 Steering-Ready Machines
ACP0696040	HDU Kit, cnh Patriot 3XXX, MY 10-16 Steering-Ready Machines
ACP0806220	Kit, SC1/HDU, Versatile, Row Crop, MY2015+
ACP0649830	Kit, SC1/HDU, Versatile, Articulated, MY2015+
ACP0806840	Kit, Fendt 1000 Series VarioGuide, CR12/ VIPER 4
ACP0985690	Kit, Fendt 1000 Series VarioGuide, CR7

Guidance

Raven 700S Receiver, Light Bar, and MD

The 700S | A fully scalable GNSS smart antenna and high-performance dual frequency GL1DE™ receiver to enhance the performance of your precision operations. With an available upgrade to GS or RTK correction, your on your way to enhanced performance in your steering system, Variable Rate (VRT) applications, seeding and tillage controls, and section control applications.

700S Kits	
Part Number	Description
ACW857594A	SBAS Kit
ACW857635A	GS Pro Kit
AG430261	RTK Kit



700S Upgrades*	
Part Number	Description
AG430265*	SBAS to GS
AG430266*	SBAS to RTK

700S Cables & Brackets	
Part Number	Description
AG430005	20' 600S/700S Cable
AG430124	CR7 600S/700S Cable
AG430268	700S to 8P Deutsch DT CBL
AG430267	700S Mounting Bracket

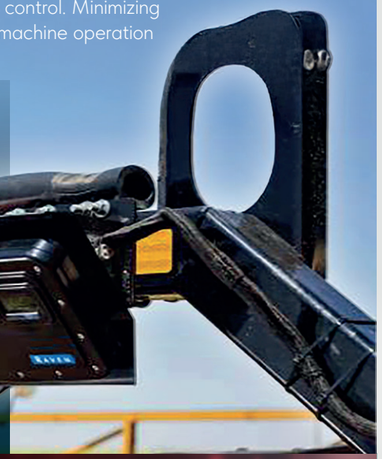
700S Receiver	
Part Number	Description
AG430262	SBAS Antenna
AG430263	GS Antenna
AG430264	RTK Antenna

*After placing the order, these unlocks must be activated by filling out the information within the **Fuse GTM form** for Raven, found on the dealer portal at the Fuse Upgrades and Subscriptions Page.

Guidance

Row Guidance Products

Vision Row Guidance | This innovation utilizes a non-contact stereo vision camera to navigate crop rows, allowing the operator to focus on all other aspects of effective application control. Minimizing crop damage, covering more acres in a day and essentially providing an easier machine operation leads to a quick return on investment to maximize yield profitability.



Features & Benefits:

- Great Addition for row crop sprayers, both liquid systems and Top-Dressing with Spinner and Airmax® Precision R1/R2
- Reduces operator fatigue and crop damage
  - Allows the operator to manage the machine and watch out for obstacles
- Uses state-of-the-art image sensor and processing capability delivers:
  - Quick Response Rate
  - Enhanced Machine Control
  - Sprayer Efficiency
- In-field calibration in less than 150 yards
- ISO UT user interface, custom control widgets

Performance

- Navigates emerged corn, soybeans, cotton, sorghum, sunflowers, peanuts, sugar beets
- Crop height range 4 inches to approx. 90% canopy
- Row Spacing 15-40 inches
- Vehicle speeds 20+ mph
- Grades up to 8°+*
- Cross winds up to 15 mph
- Weed pressure less than 30%
- Contour or straight rows
- Use 30 minutes after sunrise or 30 minutes prior to sunset*

*Spec is recommended, however many customer find they can go beyond this spec

Vision Row Guidance Installation Kits		
Part Number		Description
AG430221		RoGator A/B Series
AG430222		RoGator C Series (Prior to July 2021)
AG430500**		RoGator C Series Model Year 2022
ACW956744A		Fendt Vision Camera
AG430556		Fendt/Challenger Tractors
ACP0826550		Massey Ferguson Sprayer 5XXR
ACP0833280		V4+ to NT01 VSN Video Splitter Harness
AG430557 (front mt.)	AG430558 (side mt.)	Magnum MY1420,21+ non-AFS
AG430216 (MY 17+)	AG430454 (MY 10-16)	CNH Patriot 3xxx, 90/100' BM
AG430217 (MY 17+)	AG430455 (MY 10-16)	CNH Patriot 3xxx, 120' BM
AG430218 (MY 17+)	AG430456 (MY 13-16)	CNH Patriot 4xxx, 90/100' BM
AG430219 (MY 17+)	AG430453 (MY 13-16)	CNH Patriot 4xxx, 120' BM
AG430220 (MY 18+)	-	CNH Trident 5550

** For MY22 C-Series RoGators and beyond. Includes Vision Camera and all necessary componentry to complete install. See Parts Books for install components on Fendt Rogator.

Guidance

Row Guidance Products

Vision+ Row Guidance | The latest technology advancement in row guidance, Vision+ transforms machine guidance through canopied crops. Vision+ is an add on system to the Fendt Vision Camera that allows the machine to drive between crop rows when they are canopied. This allows the operator to focus on all other aspects of effective application control. Minimizing crop damage, covering more acres in a day providing an easier machine operation.

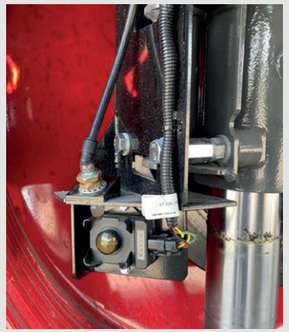
Vision+ uses radar sensor technology to identify crop rows, projecting 15' out in front of the machine at a 45 degree angle from both wheel legs. This allows the system to identify the pattern of the rows and overcomes challenges like poor emergence and run down crop from previous applications.

Features & Benefits:

- Great Addition for row crop sprayers, both liquid systems and Top-Dressing with Spinner and Airmax® Precision R1/R2
- Vision+ mode Immediately Falls Back to GPS Guidance when min. confidence interval is not met
- Non-contacting sensor that prevents damage to crop while driving through the field and turning at the headlands.
- Only Fendt Rogators include the Air Knife system which uses air pressure to clean the radar sensor off in damp and dirty conditions.

Performance

- Navigates emerged corn, sorghum, sunflower
- Vision+ requires a crop with a stalk for 70% to 100% canopy.
- Row Spacing 30-40 inches
- Vehicle speeds 20+ mph



Vision+ Row Guidance Install Kits	
Part Number	Description
AG430575	Vision+ Fendt Rogator 900 series
AG430595	Vision+ Massey Ferguson Sprayer 5XXR (Does Not include Air Knife)
AG430490	Vision+ RoGator C MY 22 (Does Not include Air Knife)
AG430402	Vision+ RoGator A/B/C up through MY 21 (Does Not include Air Knife)

Reichhardt® Row Guidance for Harvesters

Reichhardt® PSR TAC Row Guidance | Reichhardt **Tactile Row Guidance** is steering by the aid of a flexible **tactile** sensor. The durable synthetic sensor guides from the corn or cotton plant to control the vehicle independent of GPS. This means one extra set of eyes for the operator as they monitor and adjust machine performance, unload into the cart. For full-Install Kits, dealer must submit Fuse GTM form: *See **Reichardt PSR TAC Row Guidance Fuse20-22PMB** bulletin for further details.*

PSR TAC	
Part Number	Description
AG430292*	Gleaner S9 Full Install Kit (Combine and Header Components)
AG430293	Gleaner S9 CombineSide Components Only
AG430295*	IDEAL 7,8,9 Full Install Kit (Combine and Header Components)
AG430296	IDEAL 7,8,9 Combine-Side Components Only
AG430294	32xx 30" Header-Side Components Only
AG430297*	Universal Header-Side Components Only

*When purchasing these kits, a form at the following address must be filled out:
https://oneagcoportal.wufoo.com/forms/z1xc81ni0v2uq2y/



Click image to be taken to Reichhardt PSR TAC website.

Guidance

DigiFarm — Virtual Base Network

Digifarm | Requires no physical base station in the field. Setup is quick and easy. VBN (Virtual Base Network) maximizes RTK correction accuracy and reliability by combining all of the bases in DigiFarm's network with powerful server software to create a virtual base station in close proximity to the field. This RTK correctional service spans the US and Canada.

- **Elevate Slim**—When needing a cellular modem for GPS receivers on non-CEA Guide, Legacy, or Non-AGCO machines, and a cellular-enabled tablet device is not an option.
- **Beacon v4.0** — Plugs directly into existing receiver. Utilizes iOS cellular enabled device device to provide RTK.
- **BR1 Mini Modem** — The BR1 Mini Modem is a WiFi-only modem that supports all precision ag companies bringing WiFi enabled displays to the market. This new modem will work with any display that utilizes a WiFi network.

Elevate Slim | When it comes to needing a cellular modem for GPS receivers on non-CEA Guide, Legacy, or Non-AGCO machines (VDOx and former RV50 are options), and a cellular-enabled tablet device is not an option to connect a Beacon, Elevate Slim is an option. This is a good option for a cellular-based correction solution for John Deere StarFire receivers. If the customer changes receivers, simply call DigiFarm tech support and request the right brand for installation.
Elevate Systems are activated with the Elevate Service Plan annual subscription, bundling a cellular data plan with a VBN subscription. To activate an Elevate Slim device, place an order for an Elevate Service plan, note the AGCO order number, pull a device from inventory, then fill out the information within the **Fuse GTM form** for DigiFarm, found on the dealer portal at the Fuse Upgrades and Subscriptions Page to activate the customer's device.

Elevate Slim Service Plan ❗ (Order Only After Device In Possession)	
Part Number	Description
SP00100	1-Year Service Plan
SP00100-P1	1st Year Promotional Service Plan (Only Available on Activation)
SP00100-FW	Elevate FW 1 Year (Data Plan Only)
SP00100-BH	Elevate BH 1 Year (Data Plan Only)

Elevate Slim Parts & Accessories	
MD8200 ➕	Elevate Module Only (No Cables or Accessories)
MD8250	Stick-On Mounting Plate, Metal



Elevate Slim Modem Kits (Canadian Dealers must Order 'V' Variant)		
Part Number	Description	Adapter and Parts Included w/ Roof Mount
MD820019 ➕	John Deere SF3000/6000	MD8219 Cable—72" Lead
MD820020 ➕	John Deere Integ. Receivers	MD8220 Tee Cable—83" Lead
MD820031 ➕	CNH Vector Pro	MD8231 Adapter—2.5'
MD820010 ➕	Trimble 372/CNH Vector Pro	MD8210 Cable—2.5'
MD820017 ➕	Trimble FMX/FM1000	MD8217 Cable—15'
MD820018 ➕	Trimble CFX-750/FM-750	MD8218 Cable—15'
MD820028 ➕	Trimble GFX-750/XCN-1050	MD8228 Adapter—18"
MD820015 ➕	EzGuide500	BN2018 Serial Adapter, BN2022 Pwr. Adapter, MD8240 15' Roof Extension
MD820013 ➕	AgLeader	BN2013 Serial Adapter, BN2026 Power Tee, MD8240 15' Roof Extension
MD820012 ➕	Agleader Paradyme	MD8212 (Direct Paradyme only 2.5'). Use MD805005 if using cable #4002226
MD820016 ➕	Topcon AGI-3	BN2016 + MD8210 Adapters
MD820011 ➕	Topcon AGI-4	MD8211 Adapter—2.5'
MD820030 ➕	Raven RS1	MD8230 Adapter—2.5'
MD820027 ➕	AGCO CEA-Guide	MD8227 Adapter—15'

➕ = Add a V,A or U to end of each part number to specify carrier. **V=Verizon or Canada Customer,** A=att, U=U.S. Cellular
NOTE: If placing an order for a modem and service plan, go ahead and fill out the GTM form and place the order number in the module cell

GUIDANCE

Guidance

DigiFarm — BR1, RV50/BR1 Service Parts, Data Plans & Subscriptions

Subscriptions & Data Plans | DigiFarm Data Plans and Subscriptions must be activated and renewed by filling out the information within the **Fuse GTM form** for Digifarm, found on the dealer portal at the Fuse Upgrades and Subscriptions Page.

Beacon 4.0 & Subscriptions	
Part Number	Description
VBN00100	VBN Subscription 1YR
VBN00100FW*	VBN FarmWide Additional Machine
VBN00100BH	VBN Tower Host Subscriber Only

BR1 Data Plans** (AGCO Data plans on Pg. 41)	
Part Number	Description
DP1-ATT-1G	1GB/MONTH—AT&T
DP1-USC-1G	1GB/MONTH—US Cellular
DP1-VZW-1G	1GB/MONTH—Verizon

* Up to 7 additional FarmWide subscriptions are available to customers which have fleets larger than 3 machines with VBN subscriptions. Additional subscriptions may be added at any time during the billing cycle. For customers with less than four units desiring to have more than three active subscriptions, purchase 3 VBN900s and reduced cost VBN900FWs for the others.
** 3 Gig Plans Available. Just replace the '1' with a '3'



Beacon 4.0 Kits* *(VBN Subscription required to activate)*		
Part Number	Description	Adapter and Parts Included w/ Roof Mount
BN4000-27	AGCO Ag382/SMART6-L	BN4027 (12")
BN4000-30	Raven RS1	BN4030 (12")
BN4000-16	TopCon AGI-3 (BN4000-17 for AGI-4)	BN4010 + BN2016 (for AGI-3), BN4017 (AGI-4, 12")
BN400-10	Generic/Trimble 372 (Use –27 for AGCO)	BN4010 (12")
BN4000-15	Trimble EZ Guide 500	BN4018 (12"), BN2022 (power splice)
BN4000-28	Trimble GFX-750/Nav900	BN4028
BN4000-32**	Trimble FMX/FM-1000/XCN-2050/TMX-2050**	BN4032 (24")
BN4000-33	Trimble/CNH-750	BN4032
BN4000-31	Vector Pro	BN4031
BN4000-12	AgLeader Paradyme** *(Use BN4000-13 if using AgL Cbl. 4002226)*	BN4012 (12")
BN4000-13**	AgLeader Geosteer/6500/7500**	BN4013 (12" beacon cbl.) BN2026 (Power Tee)
BN4000-19	John Deere SF3000/6000 Integrated	BN4019, BN4052 *(JD Mounting Bracket)*

* Kits include BN4000 Beacon, adapter cables, and BN4050 Stick on Mounting Plate
** AgLeader PNs 4003263-6 or 4002226-15 is required when installing on GeoSteer/Paradyme (respectively). Not sold through AGCO Parts.
Part **EXP100 Port Expander** needed for XCN-2050 & TMX-2050 installs.

BR1 & RV50 Cables and Accessories	
Part Number	Description
MD6101-VZ1	Modem-BR1 AgLdr.— 1GB Plan Incl. (MD6102-VZ1 for Generic)
MD3011	RV50 AC Power Supply (MD3019 for DC Power Supply)
MD3050	Power Adapter Digi to RV50 (MD3051 for Gateway to RV50)
MD3012	Magnetic base for modem
MD3023	Stick antenna for Terminal GPS
MD3029	External Cell Antenna- Black (MD3029-W for White)
ACP0378940	Adapter Cable—RV50-AGCO
MD3016-12	Modem to Trimble 372/Generic 12ft (MD3016-18 for 18ft cable)
MD3017	Modem to Trimble FMX/FM-1000 cable (MD3018 for CFX-750 Cable)

Guidance

DigiFarm Continued

Beacon 3.0 Replacement Adapter Cables	
Part Number	Description
BN2010	BEACON Adapter from 372 to FM-750/FM-1000
BN2011	BEACON Adapter from FM-750/FM-1000 to 372
BN2012	Beacon- > Paradyme. AgLeader 4002226 not needed.
BN2013	Beacon to Geosteer with P/N 4003263-6/6500/7500/Paradyme with P/N 4002226 (null modem not needed)
BN2017	Beacon to AGI-4 ADAPTER CABLE (Use BN2016 for AGI-3 Machines)
BN2018	Beacon to Generic DB9 Male adapter
BN2020	CABLE-12' Power Extension
BN2021	Cigarette Power Adapter
BN2022	EZ Guide 500 Power Tee for Beacon
BN2026	AgLeader Power Tee for Beacon (12V Beacon Pwr)
BN2027	Beacon-> AGCO Adapter, Trimble 382, NovAtel SM 6L
BN2028	Beacon Adapter for GFX-750 or XCN-1050
BN2029	John Deere Smart Adapter for Beacon & RV50
BN2030	Beacon Adapter for Raven RS1

FendtOne/Variotronic/VarioGuide/MF Guidance Unlock Software

Upgrades & Subscriptions | All AgControl, Fendt Solutions, VarioDoc Pro, and Task Doc Pro Unlocks listed below must be purchased and activated through the **Fuse Upgrades and Subscriptions website.** (Located on the dealer portal under the "AGCO Technologies" menu on "Fuse" page.) **See Parts Marketing Bulletin 1221T1993 and 1221T1994 for more product information and machine compatibility.**



FendtONE Unlocks	
Part Number	Description
72667013	Fendt Contour Assist
72666997	Fendt TI Headland
72667011	Fendt Implement Management (TIM)
72667019	Fendt TIM Steering
72675971	Implement Slope Compensation



Variotronic Unlocks and Upgrades		
Part Number - Wheeled Tractors	Part Number - Track Tractors	Description
72630530*	ACP0983960*	VarioTronic Contour Assist
72630529	ACP0983940	VarioTronic TIM-Ready
72657373	ACP0983950	Teach-In Headland Activation
72657374	-	Upgrade from TI Auto to TI Headland
ACP0823020	-	Fendt IDEAL Auto Turn Activation

* Single Contour Segments not available with VarioTerminal equipped machines.



MF Datatronic 5 / Fieldstar 5 Unlocks	
Part Number	Description
ACP0886730	Massey Ferguson Wayline Assistant

Telemetry

SmartConnect™

SmartConnect | provides machine and data visualization for the grower on a smart device, allowing the grower to view key functions of the machine on their smart device instead of through the display. Real time coverage maps will also be displayed.

Key Features:

- Machine / Data Visualization
- Snap-In / Multi-Device Compatibility
- Setup for Machine Functions
- Change Machine Settings from Smart Device
- Demo Mode





SmartConnect Feature Unlocks	
Part Number	Description
ACP0319750	Moving Map (All Platforms)
ACP0319770	Premium Dashboard (All Platforms)
ACP0319780	IDEAL harvest snap-In
ACX0128840*	IDEAL & Gleaner Machine to Machine Functionality
ACP3475780	3rd Party ACM Data Unlock
ACP0437150	Tractor Snap-In
ACX3279430	Weather Snap-In

*See Product Marketing Bulletin **Fuse 19-26PMB** (IDEAL) and **Fuse 96_01-24** (Gleaner) for more information on M2M functionality. All SmartConnect features must be unlocked via **Fuse Upgrades and Subscriptions website** and installed via EDT.
Search "Introducing Smart Connect" or "SmartConnect" on my.oneagco.com for detailed instructions, or **click here.**

Hi-Spec and Mid-Spec ACM

ACM Hardware*	
Part Number	Description
ACX304542A	Hi-Spec LTE 4G (GW04) ACM
ACX304574A	Hi-Spec ATT 4G (GW04) ACM
ACX2761160*	Mid-Spec ACM Telemetry Module VZW 4G LTE
ACX304608A*	Mid-Spec ACM Telemetry Module ATT
590002D1	Antenna—433MHz (Required)
590003D1	Antenna—Iridium Cell, GPS
ACW2773790	M6 Torx Screw (Required for MidSpec Install)

* Search "ACM" on my.oneagco for ACM info., installation instructions, and assistance regarding latest compatible software updates. See Parts Books for latest supersession information to find compatible units to avoid backorders.



Mid-Spec ACM Module



Antenna (Iridium Pictured)

AGCO Connect Subscriptions for ACM*	
Part Number	Description
ACX2761250	1 Year, Hi-Spec ACM
ACX2761300	4 Month, Hi-Spec ACM
ACX2761260	1 Year, Mid-Spec ACM
ACX2761310**	4 Month, Mid-Spec ACM

* AGCO Connect orders must be placed via the AGCO Connect User Interface or order will be cancelled and not processed. See **Fuse Bulletin No.: 24_02/22** for more details
** Subsequent 4 month subscriptions after initial 4 month demo expires can be ordered. See dealer system for pricing.

Boom, Rate and Section Control

AGCO Rate and Section Control Unlock Software & Subscriptions



Upgrades & Subscriptions | All Unlocks listed below must be purchased/activated through the **Fuse Upgrades & Subscriptions website** (Located on the dealer portal under the "AGCO Technologies" menu on "Fuse" page). **Additionally, all listed below require guidance solution (Auto/Vario/Massey-Guide, etc. Terminal requires connection to AGCO guidance receiver and navigation controller (VD0x).** *See the Guidance Section of this Catalog for AGCO Guidance Unlock Software (Variotronic, Headland Mgmt., Massey Ferguson Wayline Assist, etc.)*

FendtOne Feature Unlocks*		
Part Number	Description	Important Notes
72663050	Multi-Device Section Control	Verify AEF Section Control compliance with implement OEM. Supports up to 5 booms with a maximum of 144 sections total (divided over 1-5 booms)
72663051	Multi-Zone Variable Rate Control	Requires VarioDoc Pro Activation Supports up to 6 products (Each Section with Independent Rate)

*IMPORTANT: See FUSE Bulletin **Fuse21-17PMB "FendtOne Feature Ordering"** for Complete Ordering and Activation Details

AgControl / Fendt Solutions Unlocks (NT01 Platform)			
Part Number - Wheeled Tractors	Part Number - Track Tractors	Description	Important Notes
72610575	ACP0983910	Section Control Activation (Auto-Control)	Verify AEF Section Control compliance with implement OEM. Supports up to 2 booms with a maximum of 36 Sections total (divided over 1-2 booms)
72622680	ACP0983920	Variable Rate Control Activation	Requires Auto-Control, TaskDoc Pro, or VarioDoc Pro Supports 5 variable products across an entire boom, not individual sections

Massey Ferguson Unlocks		
Part Number	Description	Important Notes
ACP0886680	Standard Section Control (24 Sections)	Verify AEF Section Control Compliance with Implement OEM.
ACP0886710*	Advanced Section Control + Multiboom (Up to 96 Sections / 3 Booms Max)	Verify AEF Section Control Compliance with Implement OEM. **Standard Section Control (ACP0886680) must also be ordered previously, or along with Advanced, to unlock all 96 sections.*
ACP0886690	Basic Rate Control (2 Product VRT)	DATA recorded is only TASKDOC Basic
ACP0886720*	Advanced Rate Control (5 Product VRT)	*Basic Rate Control (ACP0886690) must also be ordered previously, or along with Advanced, to unlock VRT for all 5 Products.
ACP0886670	Standard Section + Rate Control (2 Products)	DATA recorded is only TASKDOC Basic
ACP0886780	Ultimate Package (96 Section / 5 Products)	Task Doc Pro Activation License Included

BOOM, RATE AND SECTION CONTROL

Boom, Rate and Section Control

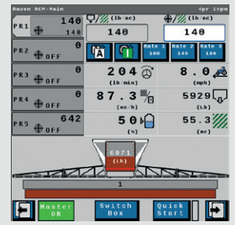
Rate Control Module (RCM)



RCM | The Rate Control Module is your solution for every season. The RCM is an ISOBUS product controller that can **control up to five products in one ECU** for both liquid and dry applications. AGCO is excited to offer ISO implelent kits using the RCM. These kits extend ISO capability and seamless implement control (via various AGCO, aftermarket, and other OEM terminals) to several nonISO implements that otherwise would require a separate electronic system and display. Depending on the implement, the RCM kit **provides rate and section control and asapplied coverage data recording**. Recorded Data from the RCM can also be wirelessly transferred using Task Doc Pro.

RCM Product Kit Features:

- Compatible with Most ISOBUS Displays, including:
  - Fendt Vario Terminal
  - Challenger Accuternimal
  - Massey Ferguson FieldStar 5
  - Raven Viper 4(+)
  - CR7
  - CR12
  - Cnh Pro700/Intelliview IV
  - JD 2630/Gen4 Displays
- Intuitive User Interface and Diagnostic Features
- Easily Navigate and Manage Multiple Products, Tallies, and Sensor Data
- Diagnostic Features:
  - Tests/Reading Available to Easily Calibrate, Tune and Troubleshoot System
  - Tri-Colored LED Indicators Reflecting Power, System and Connectivity Status
  - Customizable User Interface Provides Flexibility to Control Specific Product Details
- Unmatched Machine/Implement Transferability:
  - Saves Up to Eight Machine Profiles.
  - Moves Between Machines/Implements w/o Resetting Configurations
  - Integrated Magnet Mount Option Attaches Easily to any Metal Frame
  - Dynamically Configure Run Screen Based on Operator Preferences to Show Most Relevant Data During Operation



Application Control Benefits:

- Bulletproof—Design Emphasizes Quality, Durability, Confidence in Application Accuracy
- Advanced Diagnostics and Tests Enable Ease of System Calibration/Tuning/Troubleshooting
- Advanced Control Algorithms Provide Unparalleled Rate Control and Simplified Tuning
- ISOBUS Compatible for Use with ISOBUS Universal Terminal and Task Controllers
- Setup Wizard Guides Operator Through Setup and Calibration Process with Integrated Help Content

Service Tool Kit for Benchtop Updating RCM Without a Viper 4+		
Part Number	Description	Important Notes
AG429154	Raven Service Tool	Includes Converter (pictured right), 4-Pin Deutsch Plug & Receptacle, 9-Pin Deitsch Plug (Rev B Only), and Terminator
ACP0806150	Software Bench Update Cables	RCM ECU Programming Cable
AG727393		Can Power Cable
ACP0624090	RCM Mounting Kit	Includes Brackets and Hardware
ACP0624080	Magnetic Mount	



Turn to the Next Page to Begin Enhancing Rate Control Like Your Operation Has Never Seen...

Boom, Rate and Section Control

Raven Rate Control Module (RCM) Continued

RCM Compatibility | For Extra Assistance with Machine compatibility, see your dealer or your local Field Focus Specialist.

Raven RCM ISO Implement Kits / Product Kits

Part Number	Description	Makes	Kit Contents
AG430275	Liquid Tanker	• GEA Houle • Balzer • Nuhn • Jamesway • Patz	• RCM (Level 0) • ECU Harness w/Product Connections • IBIC Harness • Footswitch/Harness • Magnet Mount
AG430276	Liquid Dragline Generic Solution	Liquid Dragline Applicators	• RCM (Level 0) • Cab ECU Harness • Footswitch/Harness
AG430277	Dry Manure Spreader Generic Solution	• Kuhn • Artex • JBS • Meyer(s) • Arts Way • Bunning • Tebbe • ....Others	• RCM (Level 3) • ECU Harness w/ Product Connections • Scale Junction Bank Retrofit Kit • IBIC Harness • Footswitch/Harness • Magnet Mount
AG430278	Air Cart Retrofit Kit from Topcon Apollo to RCM (Up to 5 Bins)	7000 Series Bourgault Air Carts	• RCM (Level 2) • ECU Harness • Retrofit Harness to Topcon Product Connections • Cart IBIC Harness • Drill IBIC Harness • Footswitch/Harness • Magnet Mount • ISOBUS Auxiliary Display Kit
AG430283	Air Cart Kit (Up to 3 Bins)	• Amity • Sunflower	• RCM (Level 2) • ECU Harness w/ Product Connections • Cart IBIC Harness • Drill IBIC Harness • Footswitch/Harness • Magnet Mount • ISOBUS Auxiliary Display Kit
AG430282	Air Cart (Up to 4 Bins)	Generic	• RCM (Level 2) • ECU Harness w/4 Product Connections • 4 Product Harnesses • Cart IBIC Harness • 36' Drill IBIC Harness • Footswitch/Harness • Magnet Mount ISOBUS Auxiliary Display Kit











BOOM, RATE AND SECTION CONTROL

Boom, Rate and Section Control

Raven Rate Control Module (RCM) Continued

RCM Compatibility | For Extra Assistance with Machine compatibility, see your dealer or your local Field Focus Specialist.

Raven RCM ISO Implement Kits / Product Kits

Part Number	Description	Makes	Kit Contents
AG430279	Planter Liquid Control (For 6 Section w/ Hydraulic Pump)	All Makes	• RCM (Level 0) • ECU/IBIC Harness • Product Harness for up to 6 Section Valves • Footswitch/Harness • Magnet Mount
AG430545	Planter Liquid Control (For 2 Products)	All Makes	• RCM (Level 0) • ECU/IBIC Harness • Product Harness for up to 2 Products • Footswitch/Harness • Magnet Mount
AG430280	Anhydrous Ammonia (For Up to 3 Sections)	Anhydrous Ammonia (NH3) Applicator	• RCM (Level 0) • ECU Harness • Product Harness With Product Connections for all Section on/off Valves • IBIC Harness • Footswitch/Harness • Magnet Mount • Pressure Transducer • Vapor Sensor
AG430281	Anhydrous Ammonia (For Up to 6 Sections)		
AG430284	Dry Fertilizer Spreader	Generic Spinner-Spreader	• RCM (Level 0) • ECU Harness With Product Connections • IBIC Harness • Footswitch/Harness • Magnet Mount • Encoder • RPM Sensor
AG430412	LiquidLogic 36*-Section Control *Decimeter Accuracy Upgrade or Better Recommended. See Guidance Section.*	RoGator C-Series	• RCM (Level 2) • Provides 36 Section Control. *Some Booms Will Configure for 35 Sections. • EXT Firmware MUST BE Updated to V20.1.1
ACP1078560	LiquidLogic 36*-Section Control *Decimeter Accuracy Upgrade or Better Recommended. See Guidance Section.*	Massey Ferguson 5XXR Sprayer	• RCM (Level 2) • Provides 36 Section Control. *Some Booms will configure for 35 Sections.













BOOM, RATE AND SECTION CONTROL

Boom, Rate and Section Control

Raven Rate Control Module (RCM) Continued

RCM Compatibility | For Extra Assistance with Machine compatibility, see your dealer or your local Field Focus Specialist.

Raven RCM ISO Implement Kits / Product Kits

Part Number	Description	Makes	Kit Contents
AG430288	GreenStar Rate Controller Swap Liquid Conversion	Convert GRC to Full ISO Compliance	• RCM (Level 0) • ECU Harness 37 Pin Connection
AG430289	GreenStar Rate Controller Swap Dry Conversion	Convert GRC to Full ISO Compliance	• RCM (Level 2) • ECU Harness and Adapter Harness
AG430096	John Deere Rate Controller Replacement Single Product Control	JDRC2000 ECU (Liquid and/or Dry)	• RCM (Level 0)
AG430097	John Deere Rate Controller Replacement Multiple Product Control	JDRC2000 ECU (Liquid and/or Dry)	• RCM (Level 2)









Our list of available RCM kits will continue to grow as we strive to incorporate more systems to fit your customers needs. We are also working towards a list of accessory items to accompany these kits. If you have additional implement opportunities, please let your Field Focus Specialist know of future systems we need to consider in our next release.

RCM Upgrades*

Part Number	Description
AG430591	RCM Level 0 to Level 1 Upgrade
AG430592	RCM Level 0 to Level 2 Upgrade
AG430551	RCM Level 1 to Level 2 Upgrade
AG430550	RCM Level 2 to Level 3 Upgrade
AG430390	OptiPulse to OptiPulse HD Upgrade
AG430547	RCM Sprayer to OptiPulse Upgrade (Factory Installed Lvl 2 upgrade to OptiPulse)
AG430548	RCM Sprayer to OptiPulse HD Upgrade (Factory Installed Lvl 2 upgrade to OptiPulse HD)
AG430596	RCM Cab ISOBUS to SCS 440/450/460 16 pin product harness

*When Ordering the Unlock, you must take your order number and fill out the information within the **Fuse GTM form** for Raven, found on the dealer portal at the Fuse Upgrades and Subscriptions Page for the unlock to take place.

BOOM, RATE AND SECTION CONTROL

Boom, Rate and Section Control

OptiHeight Automatic Boom Control

OptiHeight | Industry-leading radar sensor technology uses simultaneous ground and canopy detection to maintain optimal spray height for maximum product efficacy. Pressure-based control allows for smooth movement and quicker reaction time while center rack stability technology with optional dampers gives the operator complete control, maximizing boom life.

OptiHeight Features and Benefits:

- Full boom management solution maintains optimal spray height for maximum efficacy
- Radar Sensor Technology
- Simultaneous Ground and Canopy Detection
- Enables a larger maximum distance measurement, not affected by temperature or spray drift
- Five non-contact sensors come standard with the option of adding additional two sensors
- ISOBUS Compliant



Product Technical Details

- Additional Two-Sensor Upgrade Available. All standard Kits Include Five Radar Sensors.
- Includes OptiHeight Unlock. AutoFold & AutoYaw are Non-Afternmarket /OEM Integration Only
- Small Tree | Spring and Shock Installed Vertically. Top of Spring Connects to Rod End; Rod End Bolts to Mast Weldment.
- Large Tree | Spring and Shock Installed at an Angle. Top of Spring Sits Over Retaining Cup.

OptiHeight Kits

Fendt Rogator 900		RoGator C-Series		RoGator A/B-Series		Boom Information		
Install Kits*	Hyd. Cartridge Kit*	Incl. Hyd.	Excl. Hyd.	Incl. Hyd.	Excl. Hyd.	Tree	Width	Boom
-	-	AG430036	AG430040	AG430429	AG430432	Small Tree	90'/100'	Steel
AG430552	ACX2762950*	AG430027	AG430039	AG430428	AG430431	Large Tree	90'/100'	Steel
AG430553		AG430028	AG430041	AG430430	AG430433	Large Tree	120'	Steel
-	-	AG430038	AG430043	-	-	Small Tree	120'/132'	Alum.
AG430554	ACX2762950*	AG430037	AG430042	-	-	Large Tree	120'/132'	Alum.

* IMPORTANT! Install Kits for Fendt Rogator 900 are vendor ship and are not OEM kits released by Jackson manufacturing. See machine parts books for service parts on OptiHeight installed from the factory. When Dealer Installing FTRG OptiHeight kits above, corresponding Hydraulic Cartridge Kit must be ordered separately as it is not included in the install kits.

OptiHeight Accessories and Service Parts

Part Number	Description		Part Number	Description
ACP0806230	Diagnostic Tee Cable		AG430045	Kit, Rotary Sensor and Hardware RTP, 50°
AG430269	2-Sensor Upgrade C-Series Only	Steel Boom	ACW9106750	Variable Damper
AG430406		Aluminum Boom	ACW9106440	Sensor, Boom Height Radar
See Epsilon*	Fendt Rogator 900 2-Sensor Upgrade		AG430174	ECU, OptiHeight, ABM (Unlocked)
ACP0807510	FTRG Boom Harness (1 side), 90'/100' Steel		ACW9582420	ECU, OptiHeight, ABM Fendt Rogator
ACP0807490	FTRG Boom Harness (1 side), 120' SteelAG430042		ACP0807500	FTRG Boom Harness (1 side), Aluminum

* Fendt Rogator OEM liquid harnessing provides for up to 5 sensors to be installed in a 100' boom and 7 sensors for 120' and 132' booms. If more sensors are needed beyond that, kit ACP0843250 may be ordered. Otherwise Sensors and hardware are only required to install 2 additional sensors. See parts book.

OptiHeight — TerraGator Liquid*

Part Number	Description
AG430522	80' Steel Boom Kit, TerraGator C-Series, With Hydraulics
AG430523	80' Steel Boom Kit, TerraGator C-Series, No Hydraulics

*Machines have to come from the factory with Auto-Fold installed for these OptiHeight kits to be compatible with TerraGator C-Series liquid systems.

AutoBoom TerraGator AirMax Precision

Part Number	Description
594923D1	AutoBoom Install Kit, AirMax Precision for TerraGator C-Series

BOOM, RATE AND SECTION CONTROL

Boom, Rate and Section Control

Topcon Boom Height Control

Topcon Boom Height Control | Topcon (former NORAC) boom height control systems maintain the boom at an entered preset height by monitoring field contours and making responsive boom adjustments. Maintaining spray nozzles at the recommended spray tip height allows chemical to be applied using an optimum spray pattern—allowing even application and reducing drift.

UC7 Plus is offering a leap in performance and is using a new MS-1 ultrasonic sensor that is a scalable solution. You buy what you actually need. A current Rogator/Norac customer can update to the latest system and saves thousands of dollars compared to buying a full system. Any aging UC5 and UC7 systems that purchase a UC7 Plus upgrade kit will get new sensors, HCM1 ecu, sensor brackets and cabling. Installation will take approx. 2 to 4 hours with removal of old components.

The UC7 Plus solution also introduces the DCS-1 dynamic chassis sensor which enhances boom stability and response time. Our data shows significant performance improvement in challenging conditions, generally exceeding 30%.

UC7 Plus Boom Height Control Features

- Consistent preset height, providing even application and reduced drift
- ISO-UT compatibility for display flexibility
- Easy installation, setup and use, reducing stress and boom damage
- Easy upgradeability from previous Topcon/Norac boom height control solutions
- New Dynamic Chassis Sensor (DCS) system—DCS is an add on upgrade that can improve all levels of control working with any UC7 and UC7 plus systems that is very easy to install and affordable. Requires a firmware update.



Other Features and Benefits:

- Passive Roll Control—Measures and compensates for roll in the center section
- Active Wing Control—Simulates roll through wings for more severe conditions improving boom height accuracy.
- Available for Terragators with Airmax Precision / AMP 2, Benson booms and TGC liquid systems. (Uses existing TG valve block.)



Passive Roll™

Advanced, most popular height control solution offered for nearly all sprayer models on the market. Fully capable in challenging terrain.



Active Wing Roll™

Premier height control solution, compatible with nearly every boom on the market. Developed for inconsistent, challenging terrain.

Topcon Boom Height Control	
Part Number	Description
AG430810	UC7+ UPG KIT, RG 2012+, 3 SNSR
AG430811	UC7+ UPG KIT, For the RG9/11/1300 and TGC LIQ, 5 SNSR
AG430812	UC7+ UPG KIT RG9/11/1300 w/ AWR, 5 SNSR
AG430813	UC7+ FULL KIT RG9/11/1300and TGC Liq w/ Hyd.
AG430814	KIT UC7+ DYNAMIC CHS SNSR (DCS) w/ ACTIVATION
AG430815	UC7+ AWR UPG KIT RG 9/11/1300
AG430816	SENSOR ULTRASONIC MS1
AG430817	UC7+ KIT TGC AMP w/ Hyd. Existing AMP UC7 systems can be upgraded w/ the MS-1 sensors and a firmware update
AG430239	EDT CAN Bus Adapter
AG430240	NVT Tool Kit

BOOM, RATE AND SECTION CONTROL

Boom, Rate and Section Control

Fendt OptiStop Control Aftermarket Install Kits

OptiStop Control | OptiStop Control is the aftermarket solution to the factory built Nozzle Control Ready (NCR) option. When NCR is ordered from the factory it includes all of the plumbing with the proper spaced holes drilled in the Stainless steel pipe. It does not contain the nozzle body, nozzle control or any of the electrical to provide the control. The below kits allow a dealer stock unit to be ordered as NCR and then fit the proper control solution at the dealership once the unit is retailed to a customer.

OptiStop provides consistent spray droplet control across the boom based on the nozzles selected. Additionally, enjoy 35/36 section control based on the nozzle spacing to eliminate skips and overlaps. This is the most accurate base level control system on the market offered at the most cost effective price.

Key Benefits:

- 35 section control for 10” & 15” nozzle spacing
- 36 section control for 20” nozzle spacing
- Cost effective base pricing
- Simple ball valve operation, no nozzle body check valves that continue to dribble product
- Fast 0.3 second cycle time from On/Off
- Minimal repair costs

OptiStop Control Installation Kits*			
	90’	100’	120’
20” Hypro	-	ACP0886300	ACP0886280
	-	-	ACP0984930**
	594113D1	594116D1	594119D1
15” Hypro	-	ACP0886310	ACP0886290
	-	-	ACP0984920**
	594112D1	594115D1	594118D1
10” Hypro	564111D1	594114D1	594117D1

Kit Guide Legend
Fendt Rogator 900 Series
Fendt Rogator with Millenium Boom
RoGator C Series

Nozzle Count Reference (Count varies between On vs. Off-Center booms. Use as a rule of thumb.)			
	90’	100’	120’
20”	54	60	72
15”	71	79	95
10”	107	119	143

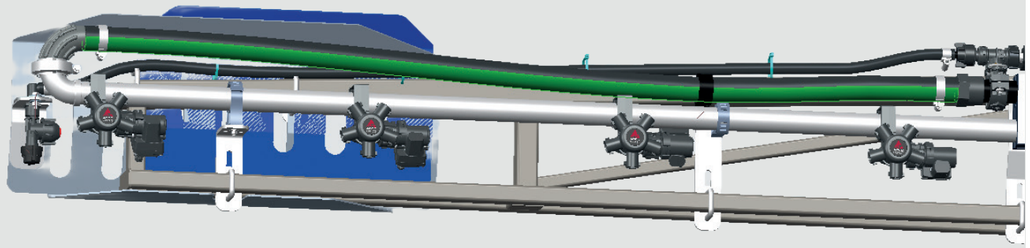
- OptiStop kits ship with the necessary nozzle body count, control valves and jumper cables. Includes boom harness and section control module for product control.
- Includes both electrical and plumbing for factory NO BOOM machines

15” Nozzle Spacing Boom Extension Kits

15” Nozzle Spacing Boom Extension Kits | To better align with today’s practices and the desire to stay on planter tracks, an extension kit has been developed that will extend the boom plumbing and allow for 97 nozzles instead of 95 on a 120’x15” configuration. Kits are available for OptiStop, OptiPulse and OptiTwin configurations. Only needed on MY25 and prior, MY26+ is 97 nozzles from factory. See Bulletin ‘**FTRG23-15 PMB 15- Spacing Guidance UPDATE 2023-12-04**’ for further details.

15” Nozzle Spacing Boom Extension Kits*			
	OptiStop	OptiPulse	OptiTwin
15” Extension Kit	ACP0886250	ACP0886260	ACP0886270

* Boom extension kits ship with a 6 hole stainless steel pipe, longer return line hose (green), longer fence row hose (black), new boom pipe protection plate (light blue), nozzle bodies and cables if necessary.



Boom, Rate and Section Control

Fendt OptiPulse Control Aftermarket Install Kits / RCM Upgrades

OptiStop Control | OptiPulse Control is the most accurate nozzle control system in the industry. Up to 3.5 times more accurate out of the tip than comparable systems, OptiPulse boasts consistent spray droplet control across the boom, enhancing drift control and application quality. Additionally, enjoy individual nozzle control and turn compensation offered with OptiPulse Control HD, eliminating skips and overlaps.

Click the following links for helpful OptiPulse tools: **OptiPulse speed range calculator / OptiPulse Tip Selection Guide**

See **Fuse Bulletin 27_03-22 Fuse OptiPulse Control Ordering Guide** for more information on factory options

Key Benefits:

- Optimizable operating range of selectable PWM frequency, from 5-20Hz
- Enhanced diagnostics with simplified LED light and blockage detection per nozzle
- Robust cabling offers increased durability, power reduction and diagnostic abilities

The OptiPulse Advantage:

- Up to 3.5 times more accurate out of the tip than comparable systems
- Consistency across the boom ensures precise droplet coverage, optimizing input costs
- AGCO's legacy of performance and support means less downtime and more acres covered in a day

OptiPulse Control Installation Kits*

	90'	100'	120'	130'
20" OptiPulse	-	Factory Option Available		
	AG430526	ACP0695980¶	ACP0695990¶	ACP0696000¶
	AG430383	AG430382	AG430381	AG430380
	AG430576	AG430451	AG430450	-
	-	AG430577	AG430573	-
20" High Flow / OptiTwin***	-	Upgrades From Fendt OptiPulse**		
	-	AG430533‡	AG430534‡	AG430535‡
	AG430379	AG430378	AG430377	AG430405
19" OptiPulse	-	AG430528	AG430530	AG430532
	-	AG430386	AG430385	AG430384
	-	AG430452	-	-
15" OptiPulse	AG430525	AG430527	AG430529	-
	-	AG430388	AG430387	-
	-	AG430492	AG430597	-
15" High Flow / OptiTwin***	-	AG430541 + AG430543‡	AG430531 + AG430536‡	-
	-			-
	-		AG430426	-
10" OptiPulse	-	-	AG430574	-
	-	-	AG430461	-

Kit Guide Legend			
	Fendt Rogator 900 Series		RoGator C Series
	Fendt Rogator with Millenium Boom		RoGator A/B
	Massey Ferguson 500 Series		

Nozzle Count Reference
(Count varies between On vs. Off-Center booms. Use as a rule of thumb.)

	90'	100'	120'	132'
20"	54	60	72	80
19"		63	75	83
15"	71	79	95	107
10"			143	

* Kit is boxed with required number of LH nozzle bodies. Some positions may need to be replaced with RH bodies.

** 20" spaced kits on Fendt Rogator 900 series configured with Fendt OptiPulse out of the factory can be upgraded to OptiTwin high flow configuration. Upgrade kits include all parts needed to complete upgrade install. If upgrading from OptiStop, con-tact the Fuse Advisor Hotline.

*** High Flow Kits for C-Series still ship with Wilger Nozzle Bodies. These kits do not contain harnessing for ProStop-E. See Parts Books for ProStop-E replacement harnessing.

¶ These options are available through the factory as an AGCO designed harness solution, however, if Nozzle Control Ready is used from the factory, these Raven harness designed kits can be used to dealer install an OptiPulse system.

‡ FTRG OptiTwin kits ship with OptiTwin Zip Valve and OptiTwin Nozzle Bodies. 15" Nozzle spacing is On-Center. Product recovery and feed Flanges in the center pipe interfere with the OptiTwin nozzle assembly, therefore, factory center pipe and product recovery hose will need to be replaced with components below. These parts **will not be** included in OptiTwin kits, and need to be ordered separately. **See 15" OptiTwin Nozzle Bar Modification.**

OptiPulse Control Upgrades**

Part Number	Description
AG430390	OptiPulse to OptiPulse HD Upgrade (Also works for upgrading Hawkeye 2 RCMs)
AG430547	RCM Sprayer to OptiPulse Upgrade
AG430548	RCM Sprayer to OptiPulse HD Upgrade

*When Ordering the Unlock, you must take your order number and fill out the information within the **Fuse GTM form** for Raven, found on the dealer portal at the Fuse Upgrades and Subscriptions Page for the unlock to take place.

BOOM, RATE AND SECTION CONTROL

Boom, Rate and Section Control

Fendt OptiPulse Control Wear and Service Parts

OptiPulse Miscellaneous Parts

Part Number		Description
AG429154		Raven Service Tool—Incl. Converter, 4-Pin Dt Plug & Receptacle, 9-Pin Dt Plug (Rev B Only), and Terminator
AG430489		OptiPulse Universal Nozzle Tool
ACP0707520		OptiPulse Harness Repair Kit, 8 Pin Ampseal
ACP0646350*		Section Control Remote 2.0*
AG430560**		Fendt Rogator OptiPulse / OptiTwin System Service Kit
AG430403		OptiPulse Diagnostic Kit (Incl. shown quantities below)
ACP0707530	1	Diagnostic Cable, 19 Pin Boom Signal Breakout (-105 Cable)
AG430493	1	NCV CAN Diagnostic/Rescue Cable (-109 Cable)
ACP0793140	2	Jumper, 19 Pin, CAN In/Out
ACP0793150	2	Jumper, 8 Pin Ampseal, CAN In/Out
ACP0793160	1	Cable, Diag. 8 Pin NCV Signal Breakout (-104 Cable)
ACP0806160	1	Triple H Bypass Repair Harness (up to 20") (-160 Cable)

* Section Remote Control 2.0 incompatible with Fendt Rogator 900 liquid systems. Only compatible with RoGator C-Series.
** Contains Item #1 and ACP0576950 below, as well as AG430489, ACP0793150, and ACP0806160 above.

5-Way Nozzle Bodies*

Part Number	Description
AG429830	LH 1" 5-Way EPDM
558675D1	RH 1" 5-Way EPDM

*NCV Not included.



OptiPulse Kit NCV Service Components

Ref	Description	Single QTY	Bulk QTY (100)	Bulk Qty (100) Severe Duty	NCV2 Maintenance Kit** (Also Includes AG430489)
2-6c	NCV Service Kit, TeeJet**	ACP0578620	ACP0578660*	ACP0578700*	AG430401
2-5, 6b	NCV Service Kit, Fendt†/OptiTwin†	ACP0578650	ACP0578670*	ACP0578710*	AG430400
2-6c	NCV Service Kit, Wilger	ACP0578640	ACP0578680*	ACP0578720*	AG430399

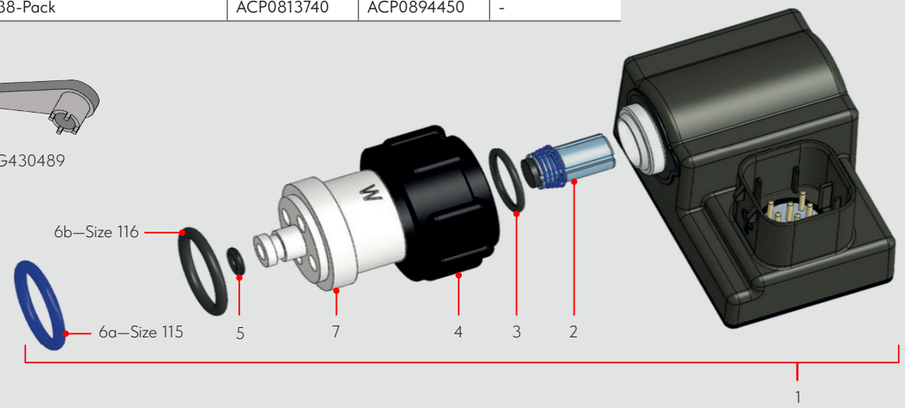
* Bulk Kits do not include Fly Nut (Item #4).
** Each OptiPulse Install Kit is shipped with NCV2 Maintenance kit, which also include 12V Relay (x2), 15 AMP mini fuse (x2).

OptiPulse NCV Valve Components

Ref	Description	Fendt (6a)	Wilger (6b)	TeeJet**
1	OptiPulse NCV	ACW7483090	AG430396	AG430398
4	Fly Nut 100 Pack	AG430498	AG430499	AG430497
7	Stainless Valve Body	AG428848	AG428847	AG428846
6	O-Ring 38-Pack	ACP0813740	ACP0894450	-



Nozzle Tool AG430489

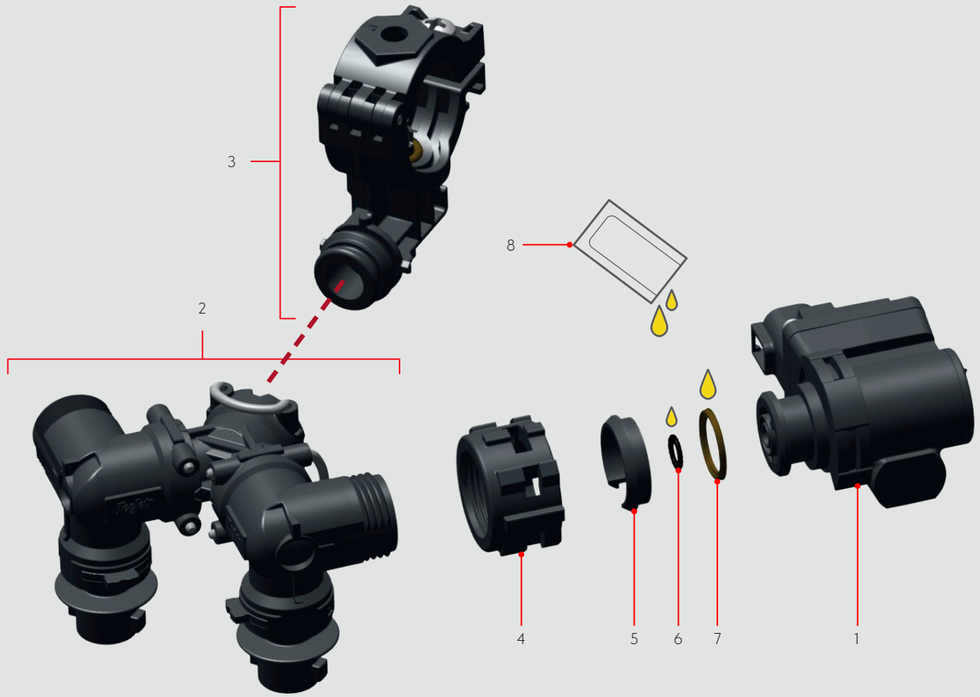


BOOM, RATE AND SECTION CONTROL

Boom, Rate and Section Control

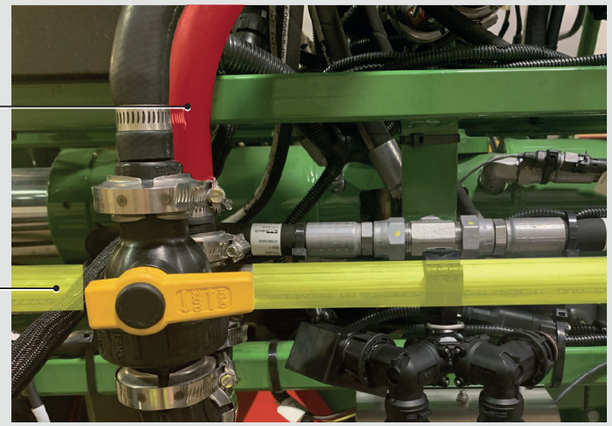
OptiTwin Service Parts

OptiPulse Kit NCV Service Components		
Ref	Part Number	Description
1	ACP0665400	OptiTwin Zip Valve (includes brown O-ring ACP0894190, discard in this application)
2,3	ACX2621980	OptiTwin Nozzle Body (Assembled)
3	ACX2621990	OptiTwin Nozzle Body Replacement Nozzle Clamp
4-8	AG430572	Nozzle Nut Service Kit (Qty 1)
6	ACP0894200	O-Ring
7	ACX2622070	D-Ring



15” OptiTwin Nozzle Bar Modification	
Part Number	Description
ACX3340990‡	1”ID Hose (15” Cut Needed to Complete Proper Install)
ACX3711840‡	Center Nozzle Bar for 15” On-Center OptiTwin Configuration

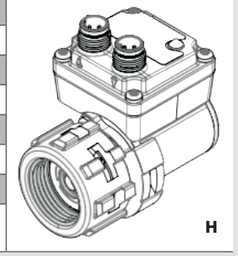
‡ Nozzles on Fendt Rogators with 15” Spacing are oriented On-Center. Product recovery and in-feed Flanges in the center pipe cross interfere with the OptiTwin nozzle assembly, therefore factory center pipe and Product Recover Hose will need to be replaced with components below. These parts **will not be** included in the Batavia OptiTwin kits, and will need to be ordered separately.



BOOM, RATE AND SECTION CONTROL

Boom, Rate and Section Control

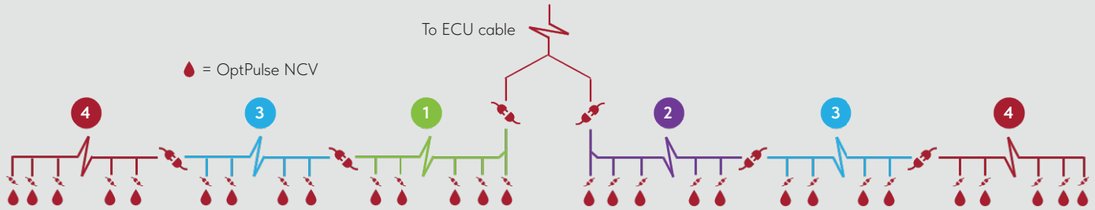
Old Wilger Hawkeye Kit Nozzle Body Serviceable Components

C-Series ONLY Hawkeye High Flow Nozzle Body Assemblies					
Center Section	Boom Section	Ref.	Part Number	Description	Actuated Valve
		A	AG430167	Plug	
		B	AG430163	Center Inlet Body	
		C	AG430162	End Nozzle Body	
		D	AG430165	Wilger -> TeeJet	
		E	AG430159	Wing Section Saddle	
		F	AG430164	Wing Through Body	
		G	AG430166	Wilger -> eStop	
		H	ACP1009330	Actuated Nozzle w/ Wilger Threads for RGC	

Fendt OptiPulse Control / OptiTwin Harnessing

Be sure to apply aerosol dielectric anti-corrosion inhibitor to electrical connections when replacing/servicing any boom harness or NCV. CorrosionX HD recommended by NCV manufacturer.

- Not All Connections Shown
- All kits include a system Repair kit, O-Rings, and Necessary ECU Mounting Bracket and Hardware to Complete Install
- High Flow C-Series kits include Wilger nozzle bodies and Pro-Stop-E adapters. Hawkeye 2 NCV controls one outlet and Pro-Stop-E controls second outlet of each nozzle body.



OptiPulse Replacement Boom Cabling for Rogator A/B/C Series and Fendt Rogator*											
Ref.	Section	All Numbers Start with “ACP”	90’x15”	90’x20”	100’x15”	100’x19”	100’x20”	120’x10”	120’x15”	120’x19”	120’x20”
1	Inner L		0617350	0617390	0617350	0696160	0617390	0696120	0617420	0646360	0617460
2	Inner R		0617360		0617360	0696170		0696130	0617430	0646370	
3	Mid		0617370	0617400	0617370	0696180	0617400	0696140	0617440	0646380	0617470
4	Outer		1006620	0696200	0617380	0696190	0617410	0696150	0617450	0646390	0617480

OptiPulse Replacement Boom Cabling for Aluminum Booms*							
Ref.	Section	All Numbers Start with “ACP”	120’x15”	120’x20”	132’x15”	132’x19”	132’x20”
1	Inner L		1006630	0646400	0617420	0646360	0646400
2	Inner R		1006640		0617430	0646370	
3	Mid		0617440	1006650	Unavailable	0696100	0646410
4	Outer		0617450	1006660	Unavailable	0696110	0646420

OptiTwin Boom Cabling for Fendt Rogator*						
(ALL #s start with ‘ACP’)			Inner L	Inner R	Mid	Outer
Section	Power	Tree L/R	1	2	3	4
100’x15”	0826590	0826600	0843540	0843530	0843510	0843520
120’x15”			0826610	0826620	0826630	0826640
120’x20”			1006500		4006510	1006520

* These tables show serviceable harnessing for aftermarket installed kits. If Fendt Rogator 900 came fitted from factory with PWM technology, use Parts Book to reference Boom Harnessing, **NOT THESE TABLES!**

Boom, Rate and Section Control

Fendt OptiPulse / OptiTwin Zip Valve Diagnostic LED Reference

OptiPulse Diagnostic LED Reference			
LED indicator	Rate	Color	State
Flahing	1 Hz	Green	NCV2 ready to apply
		Yellow	NCV2 missing calibration or an active DTC
		Red	Lost communication between RCM-Sprayer ECU and NCV2 or NCV2 has less than 9V high current power
		Blue	NCV2 has not claimed a CAN address or no CAN communication received by the NCV2
	4 Hz	Green	NCV2 commanded to apply
		Blue	NCV2 CAN channel error
	5 Hz	Red	NCV2 in bootloader mode
Solid	-	Blue	CAN pass-through disabled
		White	NCV2 is selected on the UT NCV2 info page
Off	-	-	No Power

OptiTwin Zip Valve Diagnostic LED Reference **Opening actuator voids OptiTwin zip valve warranty!**				
LED indicator	Rate	Color		State
Flashing	0.8 Hz	Green		Device in secondary open state
	2.8 Hz	Red		Device in error state
Alternating	2.8 Hz	Red	Green	Device in signal error state
Solid	-	Green		Device in primary open state
		Red		Device in the closed state

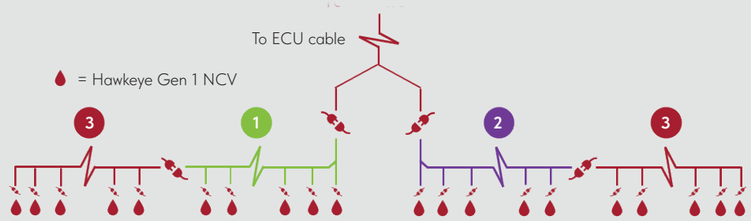
Boom, Rate and Section Control

Hawkeye Gen 1 Service Parts / Diagnostic LED Reference



Hawkeye Gen 1 Service Parts	
Part Number	Description
AG428784	Hypro/Arag Hawkeye Gen 1 NCV
AG428785	Wilger Hawkeye Gen 1 NCV
AG429154	Raven Service Tool
ACP0696220	Boom Harness Diagnostic Cable

Hawkeye Gen 1 NCV Maintenance Kits		
Description	Hypro/Arag	Wilger
Standard	AG428825	AG428827
Severe Duty 100 Pack	ACP0578710	ACP0578720
Standard Duty 100 Pack	AG430009	
Fly Nut 100 Pack	AG430498	AG430499



Hawkeye Gen 1 Replacement Boom Cabling							
Ref.	Section	90'x15"	90'x20"	100'x15"	100'x20"	120'x15"	120'x20"
1	Primary Left	AG430142	AG430128	AG430142	AG430128	No Longer Available	AG430098
2	Primary Right	AG430149		AG430149			
3	Secondary L/R	Call	AG430130	AG430144	AG430129	AG430139	ACP0380950

LED indicator	Rate	Color		State
Flahing	1 Hz	Green		Ready. If in actuating mode, the NCV is ready but requires calibration
		Blue		Actuating Mode (Auto)
		Red		Loading New Software
		Amber		Alarm Active
	5 Hz	Amber		No ISOBUS Communication
Alternating	1 Hz	Blue	Green	Actuating Mode (Manual)
		Green	Magenta	Not Calibrated - Switch Input High
		Red	Magenta	Not Calibrated - Switch Input has not changed
		Amber	Red	No ECU Detected or invalid ISO Name
		Amber	Green	Ready - Warning Alarm Active
		Amber	Blue	Actuating Mode - Warning Alarm Active
Solid	-	Any		NCV Failure

Boom, Rate and Section Control

CapstanAG PinPoint III Envelop

Pinpoint III | Pinpoint III is an ISOBUS Rate and Swath control system. This gives your sprayer the ability to vary the application rate out of each nozzle and shut them off individually, saving the operator time and money, providing the perfect spray every pass. ISOBUS Integrated rate and section control with market leading performance.

Features and Benefits:

- Highest flow capability in the market
- Compatible with Spot-Spray Cameras
- Individual Nozzle Overlap and Turn Compensation
- Easy Drop-Nozzle setup for sidedress
- Preset boom profiles
- Programmable variable flow by nozzle
- Smart phone software updates and system controls
- Supports custom nozzle spacing
- Use your existing ISOBUS Display!

PinPoint III Chassis Kits	
Fendt	ACP0984410
RG-C Series	ACP0984400
RG-B Series	ACP0984420

How to Order:
Choose your **Chassis Kit**
Choose your **Boom Kit**



PinPoint III Boom Kits with 5 way Nozzle bodies and Valve Assemblies				
10" Spacing	15" Spacing	19" Spacing	20" Spacing	Description
ACP0984260	ACP0984270	-	ACP0984280	90' Steel Boom
ACP0984290	ACP0984300	ACP0984310	ACP0984320	100' Steel Boom
ACP0984360	ACP0984330	ACP0984340	ACP0984350	120' Steel Boom
-	-	-	ACP0984370	120' Aluminum Boom
-	-	ACP0984390	ACP0984380	132' Aluminum Boom

Already have a PinPoint II system on your sprayer?

Upgrade to PinPoint III Envelop

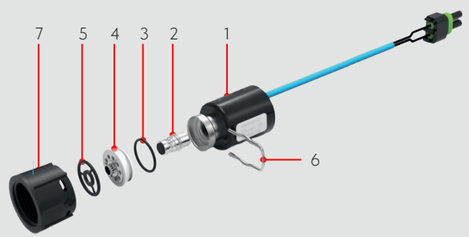
Spitfire Valve Components	
RG C-Series PPII to PPIII Upgrade	ACP0984430

PinPoint II to PinPoint III Upgrade		
Ref.	Hypro/Arag	Component
1	ACP0984460	24 Series Spitfire Coil Assy (Blue Wire)
2	ACP0984470	Spitfire Plunger Assy—Standard Spring
	ACP0984480	Spitfire Plunger 10-pack
3	ACP0984490	O-Ring, Inner
4	ACP0984500	Orifice Disk Assembly, Arag/Hypro
5	ACP0984510	O-Ring, Spoke
	ACP0984520	O-Ring, Spoke 10-pack
6	ACP0984530	U-Clip, universal
7	ACP0984540	Flynut, Arag/Hypro

PinPoint III Valves Assemblies (Items 1-7 Below)	
W/ LH AGCO Nozzle Body	W/ RH AGCO Nozzle Body
ACP0984450	ACP0984440



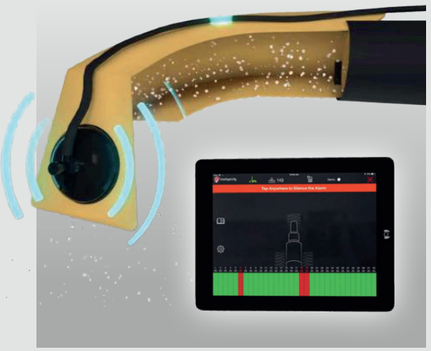




BOOM, RATE AND SECTION CONTROL

Boom, Rate and Section Control

Recon Spreader® by PTx



Recon Spreader | The industry's first blockage monitor for Airmax and other pneumatic boom dry application Systems. Utilizing the same acoustic technology developed for other Recon monitoring systems, Recon Spreader provides reliable real-time blockage detection. Using a simple adhesive the acoustic sensors are easy to install on the back of each deflector, so there is no disruption to product flow. The acoustic sensors listen to the material flow and send sound pulses through auditory tubes, similar to a stethoscope. The data is collected by the Electronic Control Unit (ECU), which displays the information on an iPad®* in the cab. If there's a blockage or disruption anywhere in the system, you'll know. Ensure even distribution of product across your floater, and increase your efficiency by not having to visually detect flow issues.

Features and Benefits:

- Supports the Following Systems
  - AGCO Airmax Precision 1 and 2 on TerraGators
  - AGCO Airmax R1 / R1 on RoGators
  - CNH Flex-Air
  - JD AB485
  - Listed Salford Systems
- Reduce Operator Stress and Maximize Acres Covered
- Ensure Proper Application Quality and Desired Coverage
- Reduce Risk of Need for Reapplication
- Increase Farmer Customer Satisfaction

Recon Spreader Machine Kits	
Part Number	Description
AG430208	Airmax R1/R2 for RoGator C + Fendt RG
AG430183	Airmax 180 for RoGators
AG430184	Airmax Precision / AMP 2 for TerraGators
AG430185	Air Spreader for TerraGators
AG430186	Flex-Air for Case Titan
AG430435	Salford S6700
AG430459	Salford RA 885—90'
AG430291	JD AB485
AG430599	AirMax Precision F1/F2 for TerraGators

*iPad sold separately. For advice on device compatibility, see 'iPad Buying Guide' Section at: **https://www.precisionplanting.com/products/reconspreader**

Service Parts | All Kits come complete. See below service part offering for servicing kits in the field.

Gateway Kit Service Parts	
Part Number	Description
ACP0594960	Gateway 260*
AG430494	GW260 Cab Harness[1]
AG430495	GW260 Cab Harness[2]
AG430210	Male SMA Cap
AG430211	Antenna, 4G Cell/2.4Ghz/433Mhz
AG430212	2.5" Diameter U-bolt with Saddle Clamp
AG430214	Bracket, GW300 Antenna, 1.5"-5" U-Bolt



Gateway 260*



Gateway 300*

*If replacing a Gateway 300 with a Gateway 260, Gateway harness items 1 and 2 above will be required for installation.

System Kit Service Parts	
Part Number	Description
AG430197	Sealing Plug Assembly, Deutsch DTP 2 Pin Connector
AG430198	Sealing Plug Assembly, Deutsch DTM 2 Pin Connector
AG430199	Sealing Plug Assembly, Deutsch DT 4 Pin Connector, Can Term
AG430200	Tubing Clamp Assembly, 5/16" OD Tube
AG430201	HOSE CLAMP, 2.25 " TO 4.25"
AG430202	U-BOLT, SQUARE, 2.5", ZINC PLATED STEEL
AG430203	Harness, Gateway, ECU, Workswitch Power and CAN
AG430204	Harness, Split Power and Can
AG430205	Harness, Tractor - ACM
AG430206	3.5" Tablet Mount Arm
ACP0275670	Rail Attachment for Tablet Mount

Sensors	
Part Number	Description
AG430187	Sensor Assembly
AG430189	Santoprene tube, 50"
AG430460	Newer Thick Tubing
AG430190	Adhesive Disk

ECUs	
Part Number	Description
AG430191	ECU, 4-Port Assembly
AG430192	ECU Hose Clamp Mount
AG430193	ECU Threaded Mount

Misc. Harnesses	
Part Number	Description
AG430194	Harness, ECU, 10ft
AG430195	Harness, ECU, 20ft
AG430196	Power Harness, C Series

BOOM, RATE AND SECTION CONTROL

Terminals/Task Management

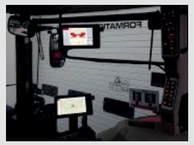
AGCO Terminals and Task Management Unlocks

FieldStar 5 & Datatronic 5 | The primary tractor and precision farming controls terminal on the MF 8700S, known as the Datatronic 5 terminal. On MF 57/67/7700S tractors, the primary tractor control terminal is the C1000.

An optional terminal, known as FieldStar 5, can be added for guidance and precision farming controls. The terminal hardware is identical but different part numbers are available from AGCO Parts.

FieldStar 5 / Datatronic 5	
Part Number	Description
ACX3961960	Datatronic 5 for Massey Ferguson 8S (See Parts Books for Install Kits)
ACW517398A	Fieldstar 5 for Massey Ferguson 8S (See Parts Books for Install Kits)
ACW0162930	Replacement Datatronic 5 for MF 8700S as Primary Precision Terminal
ACW1552370	Fieldstar 5 for Secondary Guidance/Precision Terminal on MF 57/67/7700S
ACW4306790*	Fieldstar 5 Kit and Harness Install for Guidance-Ready MF 57/67/7700S
ACW7291930	Fieldstar 5 Kit for Secondary Precision Terminal on MF 8700S





*Trimble or Novatel Receiver needed to complete guidance package.
See the following bulletins for more details: FUSE20-04PMB, FUSE 20-03PMB

Datatronic 5 Terminal Feature Unlocks	
Part Number	Description
ACX6000280*	Integrated E-Loader Smart Controls (Live Function 3rd, Weight System, Auto Level, Position Monitoring)
ACP0920690	MF -Tractor Implement Management (TIM)

*Not compatible with Non-RMI tractors, non-factory loader ready tractors or non-E-Loaders. Feature must be purchased via Fuse Upgrades and Subscriptions portal.
For new tractor being ordered for farm already equipped with compatible loader, configure with LL005 loader provision option.

NT01 Terminals	
Part Number	Description
72663289	VarioTerminal - Challenger 1000 series
72667316	VarioTerminal, 10" - Fendt Vario
72663295	VarioTerminal, 7"
72653834	AccuTerminal—RG-C/TG-C/IDEAL/MF 7300 Combine/Gleaner/MT 700



Check Supersessions in AGCO Parts Books for availability.

AG Leader Cable Accessories	
Part Number	Description
71485091	AGCO adapter cable for Gleaner S9 and AgLeader Yield Monitor



TERMINALS/TASK MANAGEMENT

Terminals/Task Management

Third Party Terminal Integration Harnesses

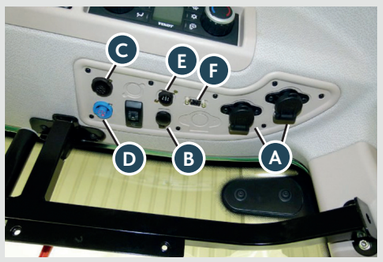
Integration Harnesses | Integration harnesses tie into existing power, NMEA and ISOBUS communication to make the connection to a Proprietary 3rd Party implement (that is proprietary to their own display) without having a 4" tile of wire going through the rear window. This harness takes the expensive cost, headache of installation and complexity out of integrating an AGCO tractor to another OEM's proprietary implement. For more information, reference **3rd Party Terminal Integration Harness Fuse Bulletin No.: 23_02/22.**

Third Party Integration Harness		
Description	Hypro/Arag	Display
AG430170*	Kit— Cab ISO Harness, Challenger MT700/800, Fendt 900/1100 Vario MT	CNH
AG430171*		JD
ACW3349280	DB9 Extension Harness to NMEA Cable, Challenger MT, Fendt Vario MT Series	-
AG430160	Cab ISO Harness, Challenger MT700/800, Fendt 900/1100 Vario MT	CNH
AG430156		JD
AG430161	Cab ISO Harness, Challenger / Fendt / Massey Ferguson Wheel Tractors	CNH
AG430157†		JD
ACP0695480	ISO Power Bypass Cable, Fendt 500 Gen 3 / 700 Gen 6 / 900 Gen 6-7 / 1000 Gen 2-3 *COBO Style on Fendt Side*	JD
AG430571	COBO to 3-Pin Flat Spade Adapter for Fendt Side (Needed with ACP0695480 on some machines starting in MY2022)	
554248D1	Power Adapter to 3-Spade AMP for MF 8S/9S, RG, TG, FendtOne, new JD Power Strip	-
554249D1	Power Adapter to cigarette style connector for MF 8S/9S, RG, TG, FendtOne, new JD Power Strip	-
554250D1	Power Adapter to R2 Outlet connector for MF 8S/9S, RG, TG, FendtOne, new JD Power Strip	-
549252D1	Power Adapter to 3 bare wires for MF 8S/9S, RG, TG, FendtOne, new JD Power Strip	-
G293810460270 (Qty. 1)	ISO 11786 Socket (Radar, Wheel, PTO, Hitch) for MF 8S/9S, Reference KO30766620	-
ACX3641330 (Qty. 1)		
ACX3686190 (Qty. 4)		

*Kits (AG430170 & 430171) for MT platforms that come with both an integrated harness and a DB9 extension harness (ACW3349280) to connect to rear panel for NMEA.

†For the Series listed in the description, an additional power bypass cable (ACP0695480) is needed. The AG430157 harness utilizes switch power, which until the impacted models were released, supplied power for an adequate amount of time after the tractor power was switched off. When power is prematurely cut from the JD display on impacted machines, it is unable to go through it's proper shutdown procedure, which leads to the loss of data. This power bypass cable connects to Socket 'A' in the Diagram Below.

Fendt Wheel Tractor Right C Pillar Socket Map	
Ref.	Socket
A	25 Amp Continuous Current
B	10 Amp
C	Implement
D	(Blue) for External Pulse Counter
E	ISO
F	Serial Interface for VarioGuide

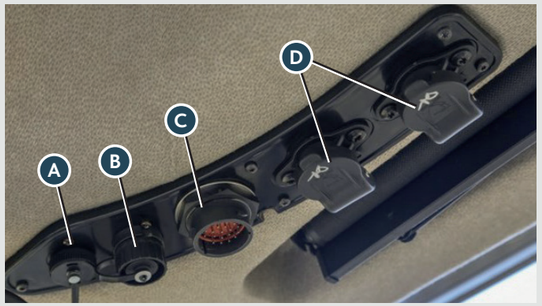


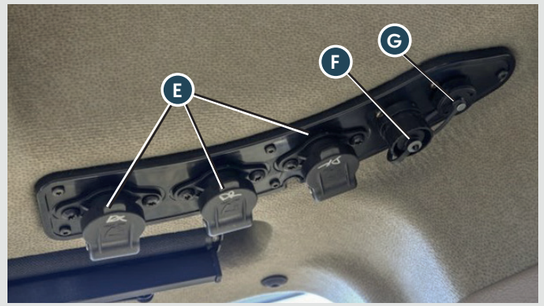
TERMINALS/TASK MANAGEMENT

Terminals/Task Management

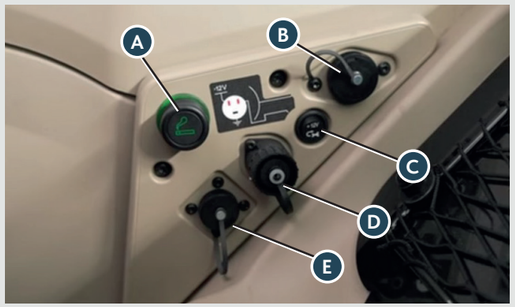
Third Party Connections

Challenger / Fendt Track Tractor Right Front & Right Rear Pillar Socket Map			
Ref.	Socket	Ref.	Socket
A	ISO	E	12 V Power
B	Implement	F	Implement
C	A-Post Terminal	G	ISO
D	12 V Power		

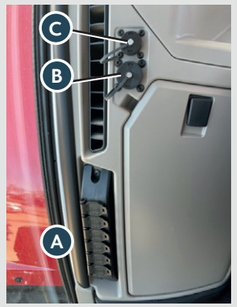


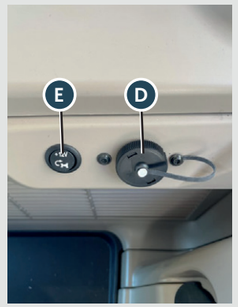


MF 5S/6S/7S Tractor Right Console Socket Map	
Ref.	Socket
A	12 V Accessory
B	12 V Power
C	Control Socket B via Headland Management
D	Implement—Radar, Wheel, PTO, Hitch
E	ISO



MF 8S/9S Tractor Right Console Socket Map	
Ref.	Socket
A	12V Power Strip
B	Fieldstar 5 Terminal
C	ISO
D	12 V Power
E	Control Socket D via Headland Management



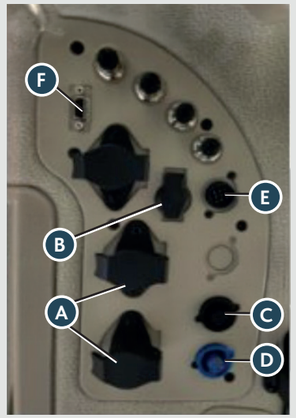


Terminals/Task Management

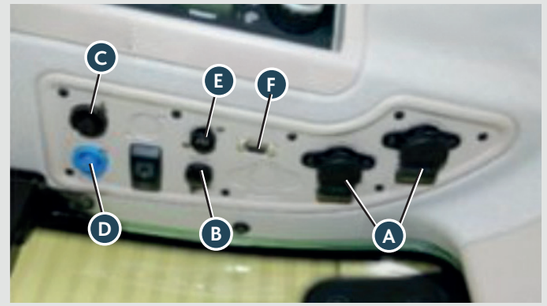
Third Party Connections

Fendt Right Rear Socket Map			
Ref.	Socket	Ref.	Socket
A	25 AMP Continuous Socket	D	External Pulse Counter
B	10 AMP Socket(s)	E	ISOBUS
C	Implement	F	Serial Interface (Display)

FendtONE



NTO 1



The below NMEA settings can be used when installing additional terminals.

NMEA Settings										
Brand	Display	Generation	Baude Rate	Hz.	GGA	VTG	RMC	GSV	ZDA	GSA
Precision Planting	20/20	All	19200	5	X	X	X			
AgLeader	All	All	115000	10	X	X			X	
Trimble	All	All	38400	10	X	X				
Case IH	Pro 700	-	19200	5	X		X			
New Holland	Intelliview IV	-	19200	5	X		X			
John Deere	2630, Gen 4, Gen5	-	19200	5	X		X			X

Terminals/Task Management

Third Party Field Computers



Viper® 4+ Field Computer | The Viper 4+ integrates one networked platform that offers an intuitive, tablet-style interface with swiping features. Customize your Viper 4+ by user and machine. Easy job set-up and fewer touches allow for easy data and task management.

Features and Benefits:

- Customization by user and machine
- Horizontal or vertical orientation
- Sleek design with 12.1" responsive touch screen and intui-tive, tablet like interface and state-of-the-art rugged magnesium alloy enclosure
- Four camera inputs for monitoring bin levels, blind spots, roadway operation and more
- Set up machine and product profiles
- ISOBUS compatible
- Wireless over-the-air software updates
- VT with task controller capabilities
- On-screen implement location with section status
- Dustproof for tough environments
- Customizable user interface

Viper 4+	
Part Number	Description
ACW6683110	Fendt Viper 4+, includes Multi Variable Rate, ISO Section Control, and Service Unlocks
ACP0793180*	Turn Around Unlock, Viper 4+
AG428841	Cable/Adapter Viper Pro to Viper 4+
AG428922	Ag Cam to Viper 4 Cable
524334D1 / 71408379	Ram Mount Arm / Ram Mount Ball
596776D1**	Rg/Tg C-Series Viper 4+ Raven Weather Station Kit (Unlock code Ships with kit.)
AG429160*	V4 Weather Station Unlock Only (Included in Kit 596776D1)
AG430593	V4 to RS1 Mule Power Harnessing, (Does not include V4 or RS1 receiver)

*When Ordering the Unlock, you must take your order number and fill out the information within the **Fuse GTM form** for Raven, found on the dealer portal at the Fuse Upgrades and Subscriptions Page for the unlock to take place.

** This kit is not compatible with FTRG (Fendt Rogator 900). See FTRG parts books for weather station installation.



CR7+ Field Computer | The CR7+ is a 7" lightweight field computer with customizable in-job layouts. A simple widget concept, easily accessible settings, and ISO Universal Terminal and Task Controller capabilities make this an affordable, plug-and-play system.

Features and Benefits:

- Ability to access settings page from inside a job
- Slingshot-ready for file transfer, remote support, and OTA software updates
- ISO universal terminal and task controller functionality via unlock
- Does not support serial devices, SmartTrax or Autoboom
- Straight A-B, A+ heading, AB Curve, Pivot, Last pass, Multiline
- Ships w/ Ram Mounts and, where applicable, GPS mount and antenna

Raven CR7+ Displays (Display Kits Come with RAM Mount)			
Display Only	500S Antenna Only	CR7+ W/ 500S GPS	Description
ACP1076920	ACP0968860	ACP1021050	Base—No Unlocks

Raven CR7 & CR7+ Accessories			
Part Number	Description	Part Number	Description
AG430029	Universal Terminal (UT) Unlock for ISO content	AG429894	Cable: CR7 Auxiliary I/O—Gen 2
AG429996	Task Controller (TC) Unlock (Requires AG430029 First)	AG429895	Cable: External Receiver to CR7
AG429997	Single Product Unlock	ACP0522350	Cable: CR7 ISO Integration Cable
AG429998	Multi-Product Unlock (Requires AG429997 first)	ACP0518100	Cable: GPS Out/ RTK In
AG429999	Combo VRA Unlock (=AG429997+AG429998)	ACP1076910	CR7+ to 500s Cable (Included in Above Kit w/500S)

TERMINALS/TASK MANAGEMENT

Terminals/Task Management

SIM Cards and Data Plans from AGCO, TaskDoc / VarioDoc

Data Plans | Industrial 500MB/month cellular data plans are available directly from AGCO. Compatible with AGCO VDOx navigation controllers for Task Doc Pro wireless data transfer and NTRIP guidance capability as well as Field Hubs and Cellular-enabled RS1s. Must select Data Plan and accompanying SIM Card for corresponding cellular provider of choice.

Important Note Regarding Application Equipment: All U.S. bound RS1s on C-Series Application machines are Verizon only, the SIM cards are already installed and **NOT** removable. Canadian-bound C-Series RS1s do contain a slot for SIM card service. Access the SIM Card number and IMEI via the RS1 Object pool settings in the Viper 4+. Fendt Rogator 900s contain a Verizon SIM card that is provided inside the onboard Slingshot FieldHub. That SIM card can be activated via either the Data Activation Center, Replaced with an AGCO SIM card for activation with one of the below data plans, or the Fuse Advisor Hotline can be contacted to request that the factory SIM be provisioned for data plan activation through AGCO, keeping in mind that provisioning can take up to 1-2 business days.

Some Dealers choose to stock SIM Cards in inventory at the dealership to allow for more subsequent data plan purchase for rapid customer activation on CEA Guide and third-party cellular enabled devices.

In order to activate these data plans, fill out the **Fuse GTM form** for data plan activation after placing the parts order so that the SIM card number can be tied to the correct customer data plan and device.

SIM Cards and AGCO Data Plans by Provider				
Provider	SIM Card*	1 Year Data Plan	3 Year Data Plan	5 Year Data Plan
AT&T (GSM)	ACP0519640*	ACP0519670	AG430563	AG430564
Verizon CDMA	ACP0519660*	ACP0519690	AG430565	AG430566
Rogers (Canada GSM)	ACP0519650*	ACP0519680	AG430567	AG430568

*Please note. The purchase of a SIM card **DOES NOT** include the purchase of a data plan. When acti-vating, a data plan must be purchased.
DigiFarm Data Plans are found on page 14.

VarioDoc Pro / TaskDoc Pro | All VarioDoc Pro and Task Doc Pro below require GPRS/GSM Data Transfer Subscription, Agro-Link or Trimble Ag Solutions Software, and ISOBUS GPS Functionality. TaskDoc Pro Requires AGCO Receiver.

TaskDoc Pro			
Part Number	Terminal Use	Description	Important Notes
ACP0886700	MF—NT03	Task Doc Pro Activation License	Required if not equipped guidance-complete from factory. Task Doc Pro license and data plan required and purchased separately.
72622679	NT01 Wheel Tractors		
ACP0983930	NT01 Track Tractors		

VarioDoc Pro Activation (FendtOne)		
Part Number	Description	Important Notes
72677791	VarioDoc Pro Activation	May Not be required with CEA machines. Required if not equipped guidance-complete from factory.

VarioDoc/TaskDoc Pro Server Subscriptions			
1 Month	6 Month	1 year	3 years
ACZ0004470	ACZ0004480	ACZ0003400	ACZ0003420

Terminals/Task Management

Raven Slingshot

Raven Slingshot | Built for Go Time. Slingshot service combines wireless connectivity and RTK corrections with instant cloud-based data transfer, data management, and data security; along with asset and personnel management. Slingshot turns your operation in a logistics monster. Go Time will never see you coming. For more information, see the latest coverage map, and to explore the latest and greatest features that come with Slingshot service **click here.**

Bronze Package

Tap into Slingshot's foundational data management features to move your operation to a new chapter of clarity and control. Upgrade your subscription any time you're ready.

- Slingshot account via API access
- Fleet View Basic
- As-Applied Transfer
- RX Map Transfer

Silver Package

Step up to high-power precision with Slingshot's best-of-class con-nectivity, RTK correction and data transfer and our powerful logistics feature set, backed by the finest Raven field computer.

- Includes all features of Bronze
- Job Generator
- Correction Streaming

Gold Package

Unleash the full spectrum of performance and control with Slingshot's complete logistics feature set. Perfect for the large or growing operation with multiple business units, or for the leader who's focused on total efficiency and higher profits.

- Includes all features of Silver
- Job Sync – Coverage Sharing
- Job Sync – Live Web View
- Fleet Analytics

Raven Slingshot Subscriptions through AGCO Parts*

Subscription	Bronze	Silver	Gold
1 Year Subscription	AG430437	AG430441	AG430445
3 Year Subscription	AG430438	AG430442	AG430446
4 Year Subscription	AG430439	AG430443	AG430447
5 Year Subscription	AG430440	AG430444	AG430448
! 1 Year Upgrade from Silver to Gold		AG430449	

slingshot

*After placing a parts order for Raven Slingshot via AGCO Solutions Online, take the RS1 or Field-Hub 2.1 barcode number and fill out the information within the **Fuse GTM form** for Slingshot, found on the dealer portal at the Fuse Upgrades and Subscriptions Page to activate any device.

! For AGCO machines that come from the factory with 1 Year Silver, those devices can be upgraded to a 1 year Gold subscription via the above mentioned upgrade at a reduced price, thereby preventing the value of the 1 year Silver subscription from being lost. In this case, **do not** order any of the Gold subscriptions until the initial included Silver subscription is upgraded first!

Raven Slingshot Field Hub 2.1

Field Hub 2.1 | The core of the Slingshot experience is the Field Hub. A small device that fits neatly into the cab of your vehicle, the hub connects your precision ag hardware to the internet with ease. It also has an optional WiFi version that allows other devices in the cab to enjoy high speeds on one data plan. Get up to 4G LTE speeds on major phone networks in North America and around the world. It connects your operator, managers and Slingshot support to each other via the Internet and puts a complete web experience **on your Raven field computer.**

Slingshot Field Hubs Hardware and Unlocks

Part Number	Description
AG430549	Kit, Field Hub 2.1 Global GSM+CDMA, Wi-Fi
ACX2304400	Replacement Field Hub 2.1 Global GSM+VZW, Wi-Fi
AG430458	Hub 2.1 Viper 4+ Mounting Bracket
AG430540	Slingshot Steering Corrections Unlock



Fendt Unlock Summary

Fendt Technology

Though explained in detail throughout this document, See the summary listing of all available Fendt Unlocks listed below. Go to Fuse Upgrades and Subscriptions for more information.

FendtONE Unlocks

Part Number	Description	Important Notes
72667013	Fendt Contour Assistant	
72666997	Fendt TI Headland	Sequencing and Auto Turn
72667011	Fendt Tractor-Implement Management (TIM)	
72667019	Fendt TIM Steering	
72663050	Multi-Device Section Control	• Verify AEF Section Control compliance with implement OEM • Supports up to 5 booms with a maximum of 144 sections total (divided over 1-5 booms)
72663051	Multi-Zone Variable Rate Control	• Requires VarioDoc Pro Activation • Supports up to 6 products (Each section with independent rate)

AgControl / Fendt Solutions Unlocks (VarioTronic/NT01 Platform)

Part Number - Wheeled Tractor	Part Number - Track Tractor	Description	Important Notes
72610575	ACP0983910	Section Control Activation (Auto-Control)	• Verify AEF Section Control compliance with implement OEM • Supports up to 2 booms with a maximum of 36 sections total (divided over 1-2 booms)
72622680	ACP0983920	Variable Rate Control Activation	• Requires Auto-Control, TaskDoc/VarioDoc Pro Activation • Supports 5 products (NOT individual sections)

VarioTronic (NT01) Unlocks & Upgrades

Part Number - Wheeled Tractor	Part Number - Track Tractor	Description	Important Notes
72630530	ACP0983960	VarioTronic Contour Assistant	
72630529	ACP0983940	VarioTronic TIM-Ready	
72657373	ACP0983950	Teach-In Headland Activation	Just headland sequencing
72657374		Upgrade from TI Auto to TI Headland	Adds AutoTurn to Teach-In Headland
ACP0823020		Fendt Ideal AutoTurn Activation	
ACP0319780		Ideal harvest snap-in	SmartConnect Feature Unlock
ACX0128840		Ideal Machine to Machine Functionality	SmartConnect Feature Unlock

VarioDoc Pro Activation

Part Number - Wheeled Tractor	Part Number - Track Tractor	Description	Important Notes
72677791		VarioDoc Pro Activation (NT01)	• Required if not guidance-complete from factory
ACP0886700		TaskDoc Pro Activation License (FendtOne)	• Required if not guidance-complete from factory • TaskDoc Pro license and data plan required and purchased separately

VarioDoc / TaskDoc Pro Server Subscriptions

1 Month	6 Months	1 Year	3 Years
ACZ0004470	ACZ0004480	ACZ0003400	ACZ0003420

Massey Ferguson Unlocks Summary

Massey Ferguson Technology

Though explained in detail throughout this document, See the summary listing of all available Massey Ferguson Unlocks listed below. Go to Fuse Upgrades and Subscriptions for more information.

DataTronic Unlocks

Part Number	Description	Important Notes
ACP0886730	MF Wayline Assistant	
ACP0886740	MF Auto Turn and MF Auto Headland Management	Adds Auto Turn to Auto Headland
ACP0886760	MF Radio and Phone Control	
ACX6000280	MF E-Loader	Required with loader kit ACP0665050 (Front loader sensors +ECU)

DataTronic Feature Unlocks

Part Number	Description	Important Notes
ACP0886680	MF Section Control of 24 sections	• Verify AEF Section Control compliance with implement OEM • Supports 1 boom only
ACP0886690	MF VRC 2 products	Supports up to 2 products
ACP0886710	MF Section Control, 96 sections (Upgrade from 24 sections)	• Verify AEF Section Control compliance with implement OEM • Supports up to 3 booms with a maximum of 96 sections total (divided over 1-3 booms)
ACP0886720	MF VRC 5 products (Upgrade from 2 products)	• Requires MF Guide • Supports 5 products (NOT individual sections)
ACP0920690	MF -Tractor Implement Management (TIM)	Tractor and implement must be TIM-ready TIM valves must be correctly assigned

Gleaner Unlocks

Part Number	Description	Important Notes
ACX0128840	Gleaner Machine to Machine Functionality	SmartConnect Feature Unlock

TaskDoc Pro Activation

Part Number	Description	Important Notes
ACP0886700	TaskDoc Pro Activation Only	Required if not equipped guidance-complete from factory

VarioDoc / TaskDoc Pro Server Subscriptions

1 Month	6 Months	1 Year	3 Years
ACZ0004470	ACZ0004480	ACZ0003400	ACZ0003420



(309) 306-7073
PTx Precision Ag Line

For all your AGCO Technologies and precision AG-related questions, such as calibrations, setup configuration, interoperability with other technologies, and best practice utilization.

See your local AGCO Parts representative for dealer-specific pricing.