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### **Schlipf Precision Ag Planter Parts**

Over the many years of working on planters, we have developed a local source for quality replacement parts, as well as custom fit solutions for our needs. In this order guide, find commonly used parts, a brief description, and their retail prices.

For a more complete description of any parts or kits, feel free to call, email, or check our website. We have more informative sheets for many of these. As we own the design of these parts, we are also able to tweak them for your specific application as well.

Most of these are stocked at our location, as we use them often. If unstocked, common lead times are 4-6 weeks. Prices are subject to change without notice, consult our webpage for most recent published pricing. Feel free to ask about if your dealership qualifies for an additional discount.

Some of these items could be built by your local fab shop. Production prints are available for single use, or annual use - call for more info.

#### Harness / Hose Routing

#### Tubes and Loops to assist in routing harnesses and hoses on planters

	Description	Part Number	Price
JD 177x NT			
Strap to clamp around draft tube for assisting in routing harnesses and hydraulic hoses.	Routing Guide Strap 3x5 tube	MRD10283	\$22
Can be used solo or in combination with 2"x3" square tube	IJ		
	Pin Guide - Draft Arm	MRD10285	\$25
Pin Loop - Routing Loop that installs to rear draft arm pins	U		
2" x 3" Square tube, hangs below or above either Left or Right Draft Tube, with straps for securing	Routing Kit - 177Xnt 16r30 or 179X	MRD10286	\$220
Includes 1 Pin Loops			
2" x 3" Square tube, hangs below or above either Left or Right Draft Tube, with straps for securing	Routing Kit - 177Xnt 24r30	MRD10287	\$300
Includes 1 Pin Loops			
Platform for mounting PDM, Alternator, DeltaForce lift manifold to planter.	Mount Kit, PDM and Manifold	MRD10305	\$160
Mounts between 2 John Deere row units on 30" centers using their front parallel arm bolts			
	7x7 adapter Kit - PDM Mount	MRD10462	\$50
Allows PDM mount to mount to 7x7 frame instead of parallel arms on 30" centers			
	CCS Lift - Bracket and Hardware Kit	MRD10552	\$250
Raises the CCS platform on CCS 1770nt's by 3" to accomidate better routing options underneath the tanks			
Mounting plate for -8 ORFS Bulkhead fittings in the center of the planter	Fitting Support - 24row CCS DF Center	MRD10309	\$50 
Mounts off of the CCS Platform			

Mounting plate for -8 ORFS Bulkhead fittings in the center of the planter

Mounts off center Vac support bolts on a 16 row

Kits of Hydraulic Hoses needed to install DeltaForce onto planters. Includes Hoses and fittings that are needed above the PP Base Kit

Provides protection for running a 2' Fertilizer Hose to the front of the planter.

Provides protection for running a 2' Fertilizer Hose to the front of the planter.

**Harvest International Kits** 

Adds location to the back of CCS planters for hydraulic bulkhead fittings to be mounted

Provides Routing Trays for harnesses, hoses, etc on main fold joints of certain Harvest Planters.

Also includes additional clamps if platform needs moved

Fitting Support - BOX DF Center



Hyd Hose Kit - JD 177Xnt ccs 24r30 w/Fert, 5/8" Supply

Hyd Hose Kit - JD 177Xnt 24r30 ccs, 1/2" Supply

Hyd Hose Kit - JD 177Xnt 16r30 Box, 1/2" Supply

2" Fert Hose to Tractor Protector - 1775nt 24r30



2" Fert Hose to Tractor Protector - 1770nt 24r30



2" Fert Hose to Tractor Protector - 1770nt 16r30 Latch Protector - 1770nt (no guides)

Hydraulic Bulkhead - Harvest Series 2



HARVEST WING ROUTING KIT



\$40 MRD10310



MRD10401 \$1,700

MRD10402 \$1,400

MRD10403 \$1,250

\$550 MRD10367



MRD10437

\$600

\$450 MRD10438 MRD10439 \$200

\$70 MRD10490

MRD10390 \$200

#### Liquid Tanks and Saddles / Support

Includes: (2) 150 Gallon Tanks Saddles and Mounts for both Hardware to secure Tanks and saddles to planter Frame Each Tank has (2) 1 1/4" ports Installed tanks set underneath markers if installed on planter Compatible with both Mini-hoppers and Full Size hoppers Frames that have External Vac

Brackets and tanks designed for specific applications

Description

JD 16 Row 1770NT Wing Tank Kit - 150 per wing

Wing Tank Kit, 150 Gal x 2, JD 1770nt 16r30



Wing Tank Kit - 1775nt 16 2020+ 150 gal

Similar as the MRD10043, but for frames with Integrated Vac



Price

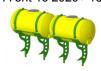
\$3,300

\$3,500

Part Number

MRD10043

MRD10537



#### JD 24 Row 1770NT Wing Tank Kit - 200 per wing

Includes:

(2) 200 Gallon Tanks Saddles and Mounts for both Hardware to secure Tanks and saddles to planter Frame

Each Tank has (2) 1 1/4" ports Includes Overflow port and tube

Installed tanks set underneath
High Knee Markers if installed on planter
Not Compatible with Low Markers
Not Compatible with full size hoppers

Similar to the MRD10050 (above), but set 20" further rearwards to set behind low hung markers.

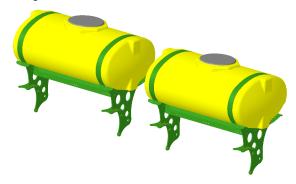
Not compatable with full size hoppers.

Not compatible with 2022 and 2023 planters with hydraulic downforce or exact apply

Similar to the MRD10050 (above), but set 3" further vertical, and 3" further forward to clear full size hopper boxes.

Similar to the MRD10245 (above), but set 8" further vertical to clear full size hopper boxes.

Wing Tank Kit, 200 Gal x 2, JD 1770nt 24r30



Wing Tank Kit - JD 24r30 Low Markers & Mini



Wing Tank Kit, 200 Gal x 2, JD 1770nt 24r30, High



Wing Tank Kit - JD 24r30 Low Markers & Boxes



MRD10050 \$4,600



MRD10245 \$5,300



MRD10269 \$4,800



MRD10410 \$6,400

#### JD 1770NT Center Tank

500 Gallon tank and saddle for mounting to an 8" center planter frame.

Includes U-Bolts, straps, and hardware to mount.

Fits: Most JD 177Xnt Planters 16r30 Box 16r30 CCS 24r30 Box 24r30 CCS

750 Gallon tank and saddle for mounting to an 8" center planter frame.

Includes U-Bolts, straps, and hardware to mount.

Fits: Some JD 177Xnt Planters 16r30 Box 24r30 Box 24r30 CCS

14.5" Vertical, 34" x 3" platform

2 Supports are inlouded

Tank and Saddle Kit - 500 Gal



Tank and Saddle Kit - 750 Gal



Tank Saddle Support Set, JD Center 500 Gal



U-Bolt 5/8" for 8 x 12 tube, 177Xnt 16row U-Bolt 5/8" for 8 x 16 tube, 177Xnt 24row MRD10332 \$5,000



MRD10333 \$7,500

MRD121217 \$225

MRD10258 \$32 MRD10259 \$36

#### AGCO 16r30 Wing Tank Kit - 150 per wing

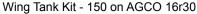
(2) 150 Gallon Tanks Saddles and Mounts for both Hardware to secure Tanks and saddles to planter Frame

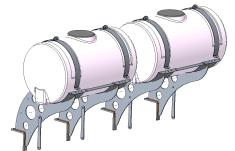
Each Tank has (2) 1 1/4" ports

Installed tanks set behind markers if installed on planter

Includes overflow port and tube

Compatible with both Mini-hoppers and NOT Full Size hoppers





MRD10341 \$4,000



\$8,000

\$8,000

#### Harvest International Kits

750 Gallon tank and saddle for mounting to a Harvest Series 2 60 ft Frame

Includes Bolts, straps, and hardware to mount.

750 Gallon tank and saddle for mounting to a Harvest Series 2 40 ft Frame

Includes Bolts, straps, and hardware to mount.

200 Gallon tanks and saddles for mounting to a Harvest Series 1 or 2 60 ft Frame

Includes Bolts, straps, and hardware to mount.

Does NOT fit with Markers

Tank and Saddle Kit - 750 on 60' Series 2 Harvest



Tank and Saddle Kit - 750 on 40' Series 2 Harvest



Harvest - 200 Wing Complete Kit



Harvest - 300 Wing Complete Kit

MRD10392 \$5,500

MRD10391

MRD10518

MRD10393 \$6,500

Price

## **Pump Mounts and Plumbing Supports**

Brackets and guides designed for specific installations with universal attachment locations

Description

#### **Universal Pump Mount**

Allows for mounting of Hydraulic Motor to drive John Blue Piston Pump.

Allows mounting of single or dual Filter and Accumulator.

Accommodates 2" fill and 50 mesh strainer inlet.

Accommodates (2) vApplyHD and (1) vApply Pump Control Module.

Re-uses JD chain tensioner arm and spring.

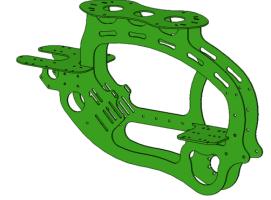
Outside spacing is 14.5" with 2" fill mounted on side, to allow for mounting between 30" rows

Hose from Center 1/2" ORFS Tee

Jumpers & Extensions & Hub

Use if mounting 1 or 2 remco electric pumps

Elephant Head - Universal w/ platform



Hyd Hose Kit - Elephant Head Elephant Head Can Hub Kit Electric Pump Adapter MRD10262 \$620

Part Number



MRD10404 \$150 MRD10431 \$225 MRD10302 \$40

#### **Universal Pump Mount Brackets**

For mounting the Liquid Frame above the outside rear wheel on a 16 row 1770nt or 1775nt. Can be used on right or left side.

Includes Hardware to mount to planter and to Liquid Frame

For mounting the Liquid Frame above the outside rear wheel on a 24 row 1770nt or 1775nt. Can be used on right or left side.

Includes Hardware to mount to planter and to Liquid Frame

**Universal Pump Mount Brackets** 

For mounting the Liquid Frame above the outside rear wheel on a 16 row AGCO Bar. Can be used on right or left side. Includes Hardware to mount to planter and to Liquid Frame

For mounting the Liquid Frame on a 7 x 7 frame. Spacing can be up to 10.5" wide, or as narrow as 5" Extends 55" rear of 7x7, 27" above top. Includes Hardware to mount to planter and to Liquid Frame Alternative spacings are available

For mounting the Liquid Frame on a 7 x 7 frame. Spacing can be wide as 12", or as narrow as 5" Extends 57" rear of 7x7, 40" above top. Provides Clearance for Factory Vac Tubes

#### Elephant Head Mounting Kit - 1770nt 16 Row



Elephant Head Mounting Kit - 1770nt 24 Row





Elephant Head Mounting Kit - AGCO 16 Row



Elephant Head Mounting Kit - 7x7 Universal



Elephant Head Mounting Kit - 7200 or 1770 con



Elephant Head Mounting Kit - 7x7 High Universal



Elephant Head Mount Bracket Set - Harvest Series 2



MRD10231 \$270



MRD10232 \$230



MRD10335 \$270



MRD10233 \$250



MRD10524 \$400

MRD10273 \$400

MRD10489 \$350

For mounting the Liquid Frame on a 7 x 7 frame. Spacing can be wide, or as narrow as 5" Extends 55" rear of 7x7, 39" above top.

Includes Hardware to mount to planter and to Liquid Frame

Alternative spacings are available

For mounting the Liquid Frame on a Harvest Series 2 frame.

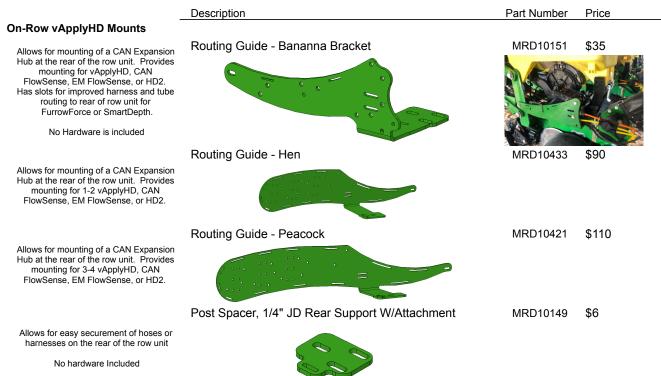
Includes Hardware to mount to planter and to Liquid Frame

Includes (1) MRD10491 Light Relocate Bracket as well

#### Part Number Price Description Other Pump / Motor Mounts Allows a second piston pump to be Dual Fert pump mount - NT MRD20020 \$80 mounted on a factory ground drive piston pump transmission Piston Pump Mount - 1770nt MRD10055 \$150 Allows a piston pump to be mounted directly above the factory hydraulic seeding drive motor. Accommodates most NGP pumps No Hardware Included Liquid Pump Mount, Surefire Tower MRD40020 \$50 Allows a surefire tower to be mounted to a 7x7 planter frame Hyd Motor Mount - JD Factory Ground Drive Pump MRD10056 \$50 Allows a hydraulic drive motor to be mounted to the ground drive liquid fert frame on a 1770nt and 1760 No Hardware Included

### vApplyHD Mounts and Plumbing Guides

### Brackets designed for specific applications



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Allows for easy securement of wet boom and harnesses to front of parallel arms.  Secures to W-Mount bolt, provides centered placement or 4" offset  No hardware Included	Fitting Support - W-Mount - Schoolbus	MRD10416	\$13
Allows for mounting of (1) vApplyHD and (1) wet booms. Mounts off the hex-shaft location of a W-plate. Can be mounted to either side as needed.  No hardware is included, see below	Rocketship - Single JD	MRD10128	\$24
Allows for mounting of (2) vApplyHD and (2) wet booms. Mounts off the hex-shaft location of a W-plate. Can be mounted to either side as needed  No hardware is included, see below	Rocketship - Dual JD	MRD10104	\$30
Allows for mounting of (1) HD2, (1) EM FS and (1) wet booms. Mounts off the hex-shaft location of a W-plate. Mounts to the Left side of a row unit  No hardware is included, see below	Land Rover - EM HD Single	MRD10471	\$35
Allows for mounting of (2) HD2, (2) EM FS and (2) wet booms. Mounts off the hex-shaft location of a W-plate. Mounts to the Left side of a row unit  No hardware is included, see below	Land Rover - EM HD Dual	MRD10444	\$45
Allows for mounting of (3) vApplyHD2's and (3) EM Flowsense and (3) wet booms.  Mounts directly to the 7x7 frame, with a width of 11.5" Extends 12.5" above top of 7x7 frame. Sets 6" rearward	Land Rover - EM HD Triple - 7X7 Mount, 9" offset	MRD10472	\$120
Use with the MRD10128 or MRD10104 to offset rearward or sideways.  This is valuable on planters with frame changes around wing flex and fold points	Offset Bracket - Rocketship	MRD10301	\$12
Allows for mounting of (2) vApplyHD and (2) wet booms.  Mounts directly to the 7x7 frame, with a width of 8.5"	Rockeship - Dual 7x7	MRD10204	\$60
Allows for mounting of (3) vApplyHD and (3) wet booms.  Mounts directly to the 7x7 frame, with a width of 8.5" Extends 12.5" above top of 7x7 frame.	Rocketship - Triple 7x7	MRD10415	\$85
Hardware for mounting (1) vApplyHD and (1) Boom Fitting to the MRD10028 & MRD10104 Mounting Plates	Hardware Kit, HD and Boom Fitting	MRD10150	\$3

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# **General Planter Plumbing Fitting Kits**

Fittings, clamps, seals, U-bolts commonly used

titings, stamps, souls, o botto com	Description	Part Number	Price
Tank Port Plumbing	Diversing Kit Wing Table Oct 40.00 4.400	MDD40004-40	Φ 4 <b>7</b> Γ
	Plumbing Kit - Wing Tank Set, 16r30 - 1 1/2"  Plumbing Kit - Wing Tank Set, 24r30 - 1 1/2"	MRD10221-16	\$475 \$525
Single 1 1/4" port fittings for wing tanks Valve at bottom of tank 1 1/2" hose included (50' for 16row, 70' for 24) 3/4" Drain valves and hoses included	Plumbing Kit - Wing Tank Set, 24130 - 1 1/2	MRD10221-24	<b>\$</b> 925
Single 2" port fittings for center tank Valve at bottom of tank 25' of 2" hose included 3/4" Drain valves and hoses included	Plumbing Kit - Center Tank - 2"	MRD10222	\$250
Same as MRD10222, but 3" Includes 3" tank flange	Plumbing Kit - Center Tank - 3"	MRD10558	\$550
Accumulator, Filter & Distribution	Plumbing - Similar to PP Essentials, Filter, and the ma		
	Plumb Kit - Dual Acc, Filter & 3 Frame Dist - 16r30	MRD10223-16	\$875
2" flange at pump to Accumulator, dual 80 mesh filters, 1" distribution to wings, 3/4" wet boom connections, 1" relief, (3) 1/4" PTC pressure Taps, Visual Gauge, Garden Hose Flush	Plumb Kit - Dual Acc, Filter & 3 Frame Dist - 24r30	MRD10223-24	\$930
EPDM hose included (High Flow, > 15gpa)	ΨΨ		
	Plumb Kit - Single Acc, Filter & 3 Frame Dist - 16r30	MRD10224-16	\$650
2" flange at pump to Accumulator, single 80 mesh filters, 3/4" distribution to wings, 1/2" wet boom connections, 1" relief, (3) 1/4" PTC pressure Taps, Visual Gauge, Garden Hose Flush	Plumb Kit - Single Acc, Filter & 3 Frame Dist - 24r30	MRD10224-24	\$690
EPDM hose included (Low Flow, < 15gpa)			
Fill, Filter, & Pump Inlet Plumbing		14554005	<b>#</b> 000
2" Male Cam Inlet with cap, 2" Full Port 50 mesh filter, 2" hose barb to single tank, 1 1/2" hose to pump inlet, 1" hose barb for relief inlet	Plumb Kit - 2" Fill, Filter, Pump Inlet, 1 tank	MRD10225	\$630
Suction hose to pump included Filter Wrench Included Can swap to 1 1/2" plumbing to pump or tank as needed			
	Plumb Kit - 3" Fill, Filter, 1 Tank (3")	MRD10557	\$1,250
	Plumb Kit - 2" Fill, Filter, Pump Inlet, 2 tanks	MRD10226	\$755
2" Male Cam Inlet with cap, 2" Full Port 50 mesh filter, 1 1/2" hose barb to two tanks, 1 1/2" hose to pump inlet, 1" hose barb for relief inlet			
Suction hose to pump included Filter Wrench Included Can swap to 2" plumbing to pump or tanks as needed			
	Plumb Kit - 3" Fill, Filter, 2 Tanks (3" & 2")	MRD10556	\$1,400
	Plumb Kit - 2" Fill, Filter, 2 tanks W/Checks	MRD10554	\$950
	Plumbing Kit - 2 Tank Electric Selector Kit	MRD10493	\$1,570

	Plumb Kit - 2" Fill, Filter, Pump Inlet, 3 tanks	MRD10227	\$860
2" Male Cam Inlet with cap, 2" Full Port 50 mesh filter, 1 1/2" hose barb to three tanks, 1 1/2" hose to pump inlet, 1" hose barb for relief inlet  Suction hose to pump included Filter Wrench Included Can swap to 2" plumbing to pump or			
tanks as needed	•		
	Plumb Kit - 2" Fill, Filter, 3 tanks W/Checks	MRD10555	\$1,150
	Plumbing Kit - 3 Tank Electric Selector Kit	MRD10494	\$2,500
Rinse Tank Plumbing	Yellow Rinse Tank	MRD10282	\$220
	reliow Rinse Tank	WKD 10202	\$220
15 Gallon ATV Sprayer & Rinse Tank for Universal Pump Platform			
Also avaialble in White			
	Plumbing Kit - Rinse Tank Flush	MRD10228	\$140
1" Tank Flange, 1" clear hose to Valve at pump Inlet			
Tank Flange can be swapped for T's or Garden hose adapter as needed			
	Plumbing Kit - Rinse Tank Fill	MRD10229	\$85
3/4" Cam to valve, 1" clear hose to tank			
Tank Flange can be swapped for T's or garden hose adapter as needed			
Boom / Final Distribuition Plumbir	ng - Note, Furrow Jet or Conceal Splitters NOT included		
	Plumbing Kit - Row by Row HD	MRD10234	\$45
Boom fitting & clamps PTC 90, coupler, & reducer Black EPDM Hose between rows, colored PTC tubing on row			
Does NOT include: Schoolbus, HD, HD mount, splitter for FJ or Conceal			
	Plumbing Kit - Section per HD	MRD10235	\$35
Boom fitting & clamps, PTC 90 colored PTC tubing before row splitters			
Does NOT include: HD or RocketShip Use with MRD10236, below			
	Plumbing Kit - Section per Row	MRD10236	\$50
PTC Splitter W/Check valves, PTC reducer & couplers colored PTC tubing after splitters			
Does NOT include: FlowSense Use with MRD10235, above			
	Plumbing Kit - VisaGauge per Row	MRD10237	\$60
1" Hose Inlet, 2 even split visagauge sets, 3/8" PTC to row, Sprayer style check valves, single pressure gauge			

## **General Planter Plumbing Components**

## **Supporting Hardware for Installations**

-	Description	Part Number	Price
Banjo Valve Mounts & U-Bolts	Valve Mount - Banjo 90deg 0.80 offset	MRD10108	\$9
Mount for a 1.5" or 2" Banjo valve.	valve Mount - Banjo sodeg 0.80 onset	WKD 10 106	φθ
Stainless Steel			
Bolt center is 0.80" from far side.			•
	Valve Mount - Banjo straight	MRD10109	\$9
Mount for a 1.5" or 2" Banjo valve. Stainless Steel			
	Valve Mount - Banjo 90deg 1.85 offset	MRD10110	\$9
Mount for a 1.5" or 2" Banjo valve. Stainless Steel			
Bolt center is 1.85" from far side.			
5/16" U-Bolt, 3.5" Length Stainless Steel	U-Bolt - 2" (1.5") Flange Fitting	MRD10126	\$5
5/16" U-Bolt, 4" Length Stainless Steel	U-Bolt - 2" Full Port Flange	MRD10127	\$6
Wrench for Banjo Filter	Filter Wrench, 1 1/2", 2"	MRD10205	\$40
Wichell for Bully 1 liter	Orifice Set - Triple	MRD10267	\$4
Use with PP triple splitters. Provides no backpressure, but provides thickness to seal.	Coo	WIKE 10201	Ψ
	VisaGage Plate - 16	MRD10442	\$60
Provides Mounting Location for John Guest Visa-Gages. Supports up to 16			
	VisaGage Plate - 12	MRD10443	\$50
Provides Mounting Location for John Guest Visa-Gages. Supports up to 12			
	VisaGage Mount Arm Set - 500 & 750 saddle	MRD10461	\$70
Provides Mounting for VisaGage Plate on front of Factory JD 450 or 650 Saddles, or SPA 500 or 750			
	VisaGage bracket - 24row wing -SET	MRD10484	\$80
Provides Mounting for VisaGage Plate on wings of 24 row 1770nt's			
	Flow Meter Mount, planter wide	MRD10268	\$35
Provides Mounting Location for Planter Wide MicroTrak Flow Meter. Can be mounted to varioius platform step bolts.			
	Alignment Plate - FurrowForce Dribble Tube	MRD10414	\$15
Ensures the alignment of the PP dribble tubes on FurrowForce			
	FF Rock Bulldozer - Big	MRD10468	\$20
Slightly Wider Rock Bulldozer			

#### Misc

	Description	Part Number	Price
	Air Compressor Upgrade Kit - JD to Stand Alone	MRD10550	\$300.00
Bracket, Wiring, and plumbing pieces to turn a JD Electric Compressor and Tank into similar performance as a PP CleanSweep Compressor. Supply Power with 2 Pin Apex			

### **AirForce / DeltaForce Bracket Adaptations**

Replaces the OEM W-Mount and	AirForce Brack
Parallel arms to allow a PP dual Airbag	
system to be installed.	

Description

Includes new upper and lower arms, and all bolts & bushings.

Includes the cost of powder coating a PP Bracket set if required, but does not include the PP Kit

W-Plate from above kit - use if Parallel arms and husbings are in good shape

Replaces the OEM W-Mount and Parallel arms to allow a DeltaForce Cylinder to be installed

Includes new upper and lower arms, and all bolts & bushings.

If Upper arms & bushings are good - we can remove those parts for a deduct.

AirForce Bracket Set - Cobra on Kinze / JD 7000

Row Unit W-Mount, Kinze or JD 7000W/ Dual Airbags

DeltaForce Bracket Set - Kinze / JD 7000



Price

\$305.00

\$70.00

\$350.00

Part Number

MRD10219

MRD10010

MRD10220

## vSet Select Adaptations

Description	Part Number	Price
Kit - vSet Select on Kinze 3000	MRD10217	\$135.00
Kit - vSet Select on Kinze 2000	MRD10218	\$153.50

Replaces the OEM Kinze side pannels with unique geometry to accomidate a vSetSelect Hopper



## **Custom Adapters**

One-off custom designed adapters	Description	Part Number	Price	
	Hopper Support, Front JD 1.6 on Twin Row	MRD10035	\$155	
Allows a standard hopper to be mounted onto a twin row row unit	4_4			

right.

Extends a row cleaner arm, to allow for a single wheel more centered

Yetter row cleaner ext (single wheel)

PDM, Manifold Mount, JD 24Row NT

MRD20007

MRD010818

\$60