



MASSEY FERGUSON

Product Information Guide

Hay Tools Kits Guide

May 2017
MF16-57PMB



Hay producers have a wide range of equipment needs. These needs can vary based on their location, crop type, weather patterns, where they market their hay as well as numerous other variables.

In order to meet these various needs, we offer field installed kits for our hay tools through Wholegoods and Parts that the dealer can order and install as needed. These kits are not a part of the base unit, but added to the base unit as needs are identified.

Understanding what kits we offer, what the purpose is for each kit, and how that kit will benefit a producer will increase customer satisfaction as well as establish the dealership as a leader in hay production. Use this document as a guide to the kits we offer and why they can be a valuable addition to the base unit.



Hay Tools Kits Guide

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** Kit install times provided are our best estimate for a reasonable install time based on information gathered from field staff. As experience increases, kit install times should decrease.*



**Hay Tools Kits Guide****WR9900 Series Self Propelled Windrowers**

Model year 2018 represents the launch of the much anticipated Hesston WR9900 Series self propelled windrowers. The lineup grows to include 4 models; the WR9950, WR9960, WR9970 and WR9980. The expanded product line allows hay or grain producers to select the optimal windrower for their needs at a price point they want as all 4 models are capable of operating a disc, sickle or draper header.

WR9900 Series windrowers are packed with exciting updates such as the introduction of a 265 horsepower flagship model, a completely new hydraulic ground drive and header drive configuration, disc, sickle or draper header compatibility and the inclusion of the industry leading vision cab among many other supporting enhancements.

Increased productivity with enhanced operator control and comfort are the key benefits producers will recognize with WR9900 Series windrowers. In order to tailor a WR9900 Series windrower to specific operations, we offer multiple field installed kits which are described in detail below.



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WR9900 Series Self Propelled Windrowers

700963927M- Beacon Light Kit

The beacon light kit provides a set of dual beacon lights that mount on the left and right hand sides of the cab. Beacon lights will improve the visibility of the machine in applications such as roading.

The kit includes dual beacon lights, mounting brackets, and all of the hardware needed to install the beacon lights. The cab roof must be removed to install the beacon light.



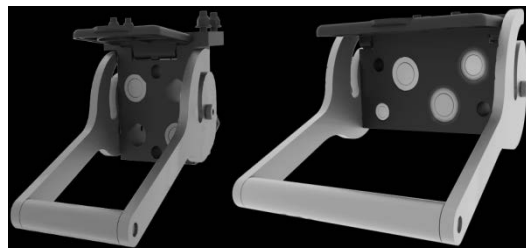
700963930M- Tractor Single Point

Single point couplers allow all lines to be connected and removed with a single lever making header attachment/removal quick and simple. The kit is especially useful for those running multiple headers or frequently attaching/removing headers. All lines are latched and unlatched at once meaning secure connections every time. The kit includes 2 single point connections so both connection points can be converted.

A tractor single point adapter is required when connecting a 5400 header. Utilizing a tractor single point kit requires all headers be equipped with single point kit:

700962390M- Rotary headers

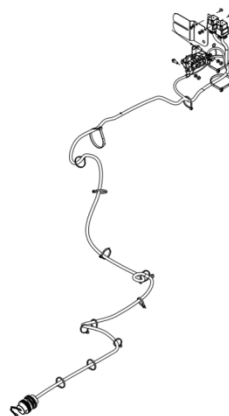
700963979M- Sickle auger headers



700963923M- Reel Fore/ Aft Kit

Installation of a reel fore/ aft kit allows the operator to control the position of the reel and make adjustments from inside the cab. Adjustment is made through the programmable FNR handle.

The reel fore/ aft kit is required when mounting a draper header to a deluxe cab WR9900, it's included in the premium cab package. Included in the kit is the wiring harness, plugs, mounting bracket and hardware needed for installation.





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WR9900 Series Self Propelled Windrowers

700962908M- Auxiliary Hydraulic Kit

Accessories such as the triple windrow attachment or biomass auger require additional hydraulic flow capabilities. In order to provide this additional hydraulic capacity the machine needs to be equipped with an auxiliary hydraulic pump kit.

Controls for the auxiliary hydraulic pump are located in the C1000/ C2100 monitor. The auxiliary pump mounts on the front of the tandem ground drive pump.

Compatible with hydraulic system kits 700962909M & 700962826M.

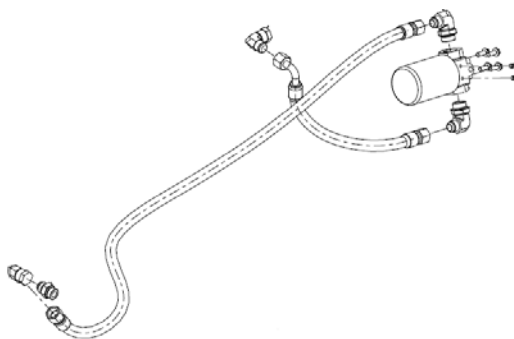


700962826M- Rear Steer/ Auxiliary Pump Combination Adapter Kit

When equipping a rear steer WR9900 with an auxiliary hydraulic pump, a rear steer/auxiliary pump combination adapter is also required.

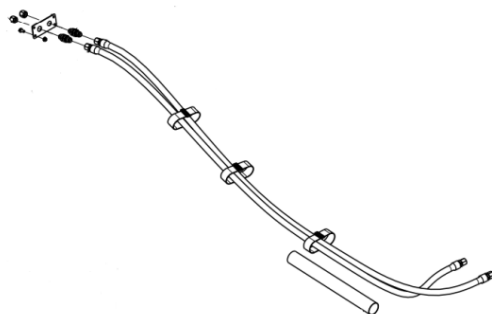
This kit includes an additional filter to handle the increased system demands from adding the auxiliary pump to a rear steer machine.

Requires auxiliary pump kit 700962908M to install.



700962909M- Auxiliary Hose Kit (For Biomass Auger)

The auxiliary hose kit is used only in conjunction with the auxiliary pump kit. The kit provides 2 hoses running from the pump to the front of the machine. Couplers are mounted in the front bulkhead. This provides an attachment point for any auxiliary attachments drive hoses such as the biomass auger. Not needed for TWA attachment.



Requires auxiliary pump kit 700962908M to install.



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WR9900 Series Self Propelled Windrowers

700964077M- Auxiliary Hose Quick Coupler

Functions such as the biomass auger on the 9286 header require an auxiliary hose kit to provide hydraulic fluid for operation. The auxiliary hose quick coupler kit allows the operator to convert these connections to a single point function.

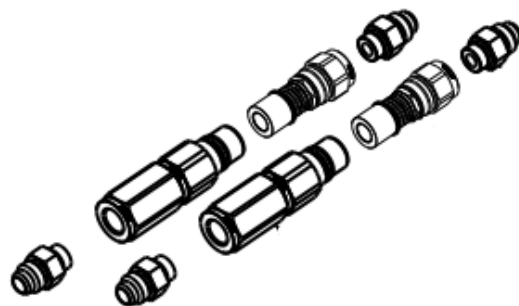
Single point connections provide a quick, simple means of attaching/ removing hydraulic lines. This simplifies the header attachment/ removal procedure and is especially useful for those frequently attaching/ removing or swapping headers.

Requires the following kits for utilization:

700962909M- Auxiliary Hose Kit

700963930M- Tractor Single Point

700962390M- Header Single Point Adapter



700959709M- Draper/ Auger Adapter

Extended header lift arms are required to mount an auger or draper header on a WR9980, WR9970, WR9960 or WR9950 ordered with factory rotary header receivers. WR9900 Series tractors only require the 2 lower lift arms, no top link adapter is required due to the new top link design.

These extended header lift arms are optional on WR9950s from the factory and included with the premium grain package for the WR9950, WR9960, WR9970 & WR9980.



700959625M- Rear Hitch for Rollers

The rear hitch kit is typically used in grain swathing operations such as canola to give the operator a hitching point to hook a pull type roller to.

Included is the hitch and all the hardware required to mount the hitch to the back of the machine.

This hitch kit should not be utilized to tow a header.





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WR9900 Series Self Propelled Windrowers

700963932M- Triple Windrow Attachment

The triple windrow attachment (TWA) allows the operator to combine up to 3 swaths into a single windrow. Combining swaths will improve the efficiency of follow up operations such as baling or forage harvesting.

All controls for the TWA are located in the C1000/ C2100 monitor and programmable on the FNR.

The TWA kit requires kit 700962908M in order to provide the hydraulic flow necessary to function.



700963926M- AG3000 Mounting Kit

Operators wishing to add AG3000 to machines without guidance installed from the factory need to order 2 components, one is the AG3000 mounting kit through Wholegoods, the other is the top dock from Parts. These items will not be found on WR9900s ordered without factory auto-guide.

The kit includes the harness required to connect the top dock to the WR9900, the top dock roof bracket is already present. No need to remove the cab roof to install AG3000 on a WR9900 not equipped with it from the factory.



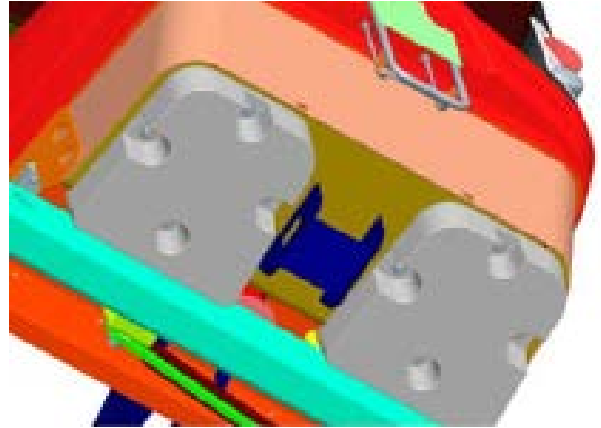


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WR9900 Series Self Propelled Windrowers**700961626M-Rear End Counterbalance Weight Kit**

In order to offset the weight of the larger 5300/5400 draper headers, rear counter balance weights are required.

Each kit includes the weight carrier, two weights, and the hardware needed to mount the weights on the machine.



Header/Tractor	Draper Header Weight Recommendations
	WR9950, WR9960, WR9970, WR9980
5400 20ft	(0-2) K / (1) L
5400 25ft	(2-4) K / (1) L
5400 30ft	(4) K / (1) L
5400 35ft	(4) K / (1) L
5400 40ft	L
/ = or	

K	(1) 700178559 Plate weight (from parts, hardware obtained locally see KO1021273)
L	700961626M Kit- Weight, Rear End Counterbalance



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WR9900 Header Adaptability Chart

*Model year 2018 SP windrowers and headers can only be used together.
No provisions are made to retrofit previous year headers and tractors.*

Tractors	9226/9246 Auger	9283/9286 13 Foot Disc	9295/9296 16 Foot Disc	5400 Draper	TWA (Triple Windrow Attachment)
WR9950 w/lift arms	Yes	No	No	E [^] , B*, opt. F	G, H, opt. I
WR9950 w/receivers	A	Yes	NR	A, E [^] , B*, opt. F	G, H, opt. I
WR9960	A	Yes	Yes	A, E [^] , B*, opt. F	G, H, opt. I
WR9970	A	Yes	Yes	A, E [^] , B*, opt. F	G, H, opt. I
WR9980	A	Yes	Yes	A, E [^] , B*, opt. F	G, H, opt. I

* If not factory equipped with tractor single point connector

[^] If not factory equipped with reel fore/aft

NR = Not Recommended

Adapter Kits	
A	700959709M Auger/Draper Header Adapter
B	700963930M Single Point Quick Coupler Kit - Tractor Side
C	700962390M Single Point Quick Coupler Kit - Header Side, Rotary
D	700963979M Single Point Quick Coupler Kit - Header Side, Sickle
E	700963923M Reel Fore/Aft Tractor Kit
F	700961626M Kit- Weight, Rear End Counterbalance
G	700963932M Triple Windrow Attachment Conveyor Kit
H	700962908M Aux Hydraulic Pump Kit
I	700962826M Kit-Rear Steer/Aux Pump Combination Adapter



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WR9800 Series Self Propelled Windrowers *Discontinued for Model Year 2018 Production*



The WR9800 Series includes 3 models of windrowers capable of performing multiple tasks, from swathing grain to mowing and conditioning different crops with disc or sickle headers.

While all 3 of the models can perform a hay application or grain swathing application, typically the WR9840 will be setup for grain swathing with a possible secondary application of hay production using a sickle header. The larger WR9860 and WR9870 have the power required to drive disc headers so they are primarily going into a hay applications, with a possible secondary use in grain swathing.

Each of these applications is unique and the operator should equip the WR9800 windrower with the specific kits needed for each application.



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WR9800 Series Self Propelled Windrowers

700959233M- Windshield Wiper Kit

A windshield wiper will improve visibility in rain and wet conditions.

The kit includes the wiper arm with blade, motor, wiring harness, in cab switch, and all of the hardware required to mount on cab. The cab roof must be removed to access the mount that the components attach to.



700960626M- Beacon Light Kit

The beacon light kit provides a beacon light that mounts on the left hand side of the cab. A beacon light will improve the visibility of the machine in applications such as roading.

The kit includes the beacon light, mounting bracket, and all of the hardware needed to install the beacon light. The cab roof must be removed to install the beacon light.



700958144M- Tractor Quick Coupler Kit

Quick couplers simplify the header connecting and disconnecting process.

The tractor quick coupler kit provides a set of hydraulic quick couplers for the windrower side of header attachment. Each line must be attached and detached by the operator.



In order to utilize 700958144M, the header hydraulic lines must be equipped with 700958145M.



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WR9800 Series Self Propelled Windrowers

700961624M- Tractor Single Point

The tractor single point kit provides the easiest means of attaching header hydraulic lines. All lines are latched and unlatched at once meaning secure connections every time.

A tractor single point adapter is required when connecting a 5300 header.

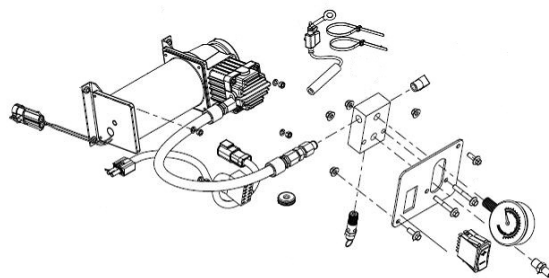
Utilizing a tractor single point kit requires all headers be equipped with single point kit# 700961622M



700959300M- Cab Suspension Air Compressor

Installing a cab suspension air compressor allows the operator to adjust the pressure in the cab suspension air bags (if machine is equipped) from inside the cab.

The cab suspension air compressor kit consists of air lines, an air compressor, electrical switch and pressure gauge. The air compressor mounts to the seat base, the adjustment switch and pressure gauge are located on the left hand side of the seat base.



700959707M- Reel Fore/ Aft Kit

Installation of a reel fore/ aft kit allows the operator to control the position of the reel and adjust from inside the cab.

The reel fore/ aft kit is required when mounting a draper header to a deluxe cab WR9800, it's included in the premium cab package. Included in the kit is the wiring harness, plugs, mounting bracket and hardware needed for installation.





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WR9800 Series Self Propelled Windrowers

700959709M- Draper/ Auger Adapter

Extended header lift arms are required to mount an auger or draper header on a WR9860 or WR9870. The kit includes the lift arms for the 2 lower receivers, as well as a top link extension.

These extended header lift arms are standard on WR9840s and included with the selection of the premium grain package for WR9860 and WR9870s.



700962858M- High Lift Kit for Draper Headers

The high lift kit for draper headers should be utilized on machines running in crops producing large fluffy windrows such as canola. The high lift kit will gain an additional 3" of header lift for extra windrow clearance.

Ensure the kit is installed correctly based on the header to be utilized. The image to the right shows the auger/disc header position, the top holes are not used for draper heads.



This kit is included standard on WR9840s.

700959625M- Rear Hitch for Rollers

The rear hitch kit is typically used in grain swathing operations such as canola to give the operator a hitching point to hook a pull type roller to.

Included is the hitch and all the hardware required to mount the hitch to the back of the machine.

This hitch kit should not be utilized to tow a header.





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WR9800 Series Self Propelled Windrowers

700962908M- Auxiliary Hydraulic Kit

Accessories such as the triple windrow attachment or biomass auger require additional hydraulic flow capabilities. In order to provide this additional hydraulic capacity the machine needs to be equipped with an auxiliary hydraulic pump kit.

Controls for the auxiliary hydraulic pump are located in the FieldMax monitor. The auxiliary pump mounts on the front of the tandem ground drive pump.

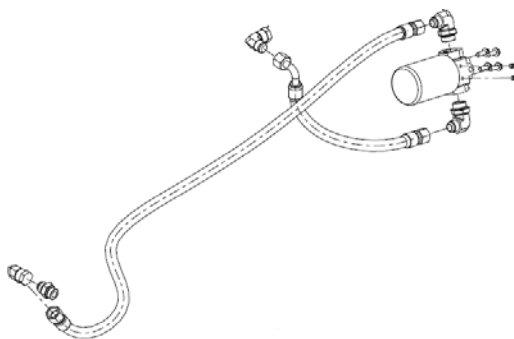
Compatible with hydraulic system kits 700962909M & 700962826M.



700962826M- Rear Steer/ Auxiliary Pump Combination Adapter Kit

When equipping a rear steer WR9800 with an auxiliary hydraulic pump, a rear steer/auxiliary pump combination adapter is also required.

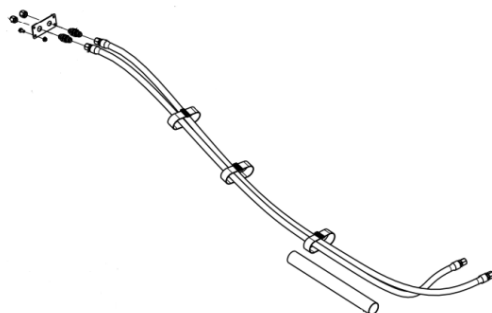
This kit includes an additional filter to handle the increased system demands from adding the auxiliary pump to a rear steer machine.



700962909M- Auxiliary Hose Kit (For Biomass Auger)

The auxiliary hose kit is used only in conjunction with the auxiliary pump kit. The kit provides 2 hoses running from the pump to the front of the machine. Couplers are mounted in the front bulkhead. This provides an attachment point for any auxiliary attachments drive hoses such as the biomass auger. Not needed for TWA attachment.

Requires auxiliary pump kit 700962908M to install.





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WR9800 Series Self Propelled Windrowers

700962490M-Triple Windrow Attachment

The triple windrow attachment (TWA) allows the operator to combine up to 3 swaths into a single windrow. Combining swaths will improve the efficiency of follow up operations such as baling or forage harvesting.

All controls for the TWA are located on the FieldMax monitor and programmable on the FNR.

The TWA kit requires kit 700962908M in order to provide the hydraulic flow necessary to function.



700960387M- AG3000 Mounting Kit

Operators wishing to add AG3000 to machines not equipped from the factory need to order 2 components, one is the AG3000 mounting kit through Wholegoods, the other is the top dock from Parts. These items will not be found on WR9800s ordered without factory auto-guide.

This mounting kit provides the top dock roof bracket, harnesses and in cab switch. The cab roof must be removed for install.





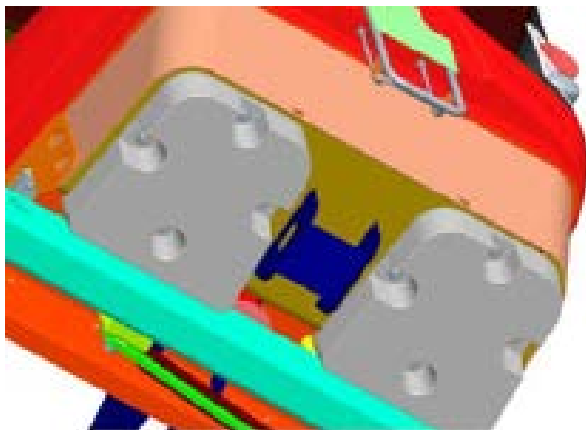
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WR9800 Series Self Propelled Windrowers

700961626M-Rear End Counterbalance Weight Kit

In order to offset the weight of the larger 5300 draper headers, rear counter balance weights are required.

Each kit includes the weight carrier, two weights, and the hardware needed to mount the weights on the machine.



Draper Header Weight Recommendations

Header/Tractor	WR9725	WR9735, 9740	WR9760, 9770	WR9840	WR9860, 9870
5200 22ft	(2) K / (1) L	0	0	0	0
5200 25ft	(2) K / (1) L	0	0	0	0
5200 30ft	(2) K / (1) L	0	0	0	0
5200 36ft	(2) K / (1) L	0	0	0	0
5300 20ft	L	L	(0-2) K / (1) L	(0-2) K / (1) L	(0-2) K / (1) L
5300 25ft	L	L	(2-4) K / (1) L	(2-4) K / (1) L	(2-4) K / (1) L
5300 30ft	L	L	(4) K / (1) L	(4) K / (1) L	(4) K / (1) L
5300 35ft	L	L	(4) K / (1) L	(4) K / (1) L	(4) K / (1) L
5300 40ft	L	L	L	L	L
/ = or					

K	(1) 700178559 Plate weight (from parts, hardware obtained locally see KO1021273)
L	700961626M Kit- Weight, Rear End Counterbalance



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WR9800 Series Self Propelled Windrowers

700746176M- C3000 Monitor Kit

Installation of a C3000 monitor in addition to the standard C1000 FieldMax monitor allows operators to view autoguide and windrower function information at the same time. The C3000 is a large color touchscreen monitor making autoguide functions easy to see and easy to adjust.

The C3000 is capable of autoguide information only, no machine function information can be displayed, this still runs through the C1000.

Requires kit# 700744710M for installation.



700744710M- C3000 Monitor Mounting Kit

Mounting a C3000 in the cab requires the C3000 mounting kit.

The mounting kit includes a ram mount that installs on right cab pillar as well as a harness to go from the plug in the cab headliner into the back of the monitor.

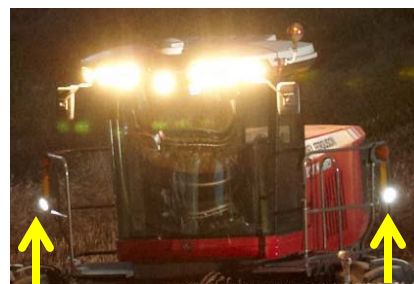
Compatible with the C3000 monitor kit# 700746176M.



700959626- Rear Stubble Field Light Kit- Parts

For improved visibility to the outside edges of the draper header and to illuminate the cut behind the header the rear stubble field light kit should be installed.

This kit, available through Parts, mounts 2 additional lights out on the handrails



700960620- Satellite Radio Antenna- Parts

WR9800s ordered with the factory “satellite ready” radio require this antenna from Parts to activate the satellite function.

The cab roof must be removed for installation.





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WR9800 Header Adaptability Chart

Tractors	9183/9186	9195/9196	9126/9146	MF 5200	MF 5300
WR9770	Yes	Yes	A	A, G	A, C, G, H, I, J
WR9760	Yes	Yes	A	A, G	A, C, G, H, I, J
WR9740/WR9735	No	No	Yes	Yes, G^	C, G^, H, I, J
WR9725	No	No	Yes	Yes	C, H, I, J
WR9870	Yes	Yes	A	A, G	A, B*, G^
WR9860	Yes	Yes	A	A, G	A, B*, G^
WR9840	No	No	Yes	Yes, G^	Yes, B*, G^

* If not factory equipped with tractor single point connector

^ If not factory equipped with reel fore/aft

D= The header side single point coupler can be adapted to any header. Requires tractor single point *

E-F= Quick couplers can be fitted to any header/tractor combination other than 5300

Adapter Kits	
A	700959709M Auger/Draper Header Adapter
B	700961624M Single Point Quick Coupler Kit - Tractor Side, MF (WR9800)
C	700961621M Single Point Quick Coupler Kit - Tractor Side, MF (WR9700)
D	700961622M Single Point Quick Coupler Kit - Header Side, MF
E	700958144M Tractor Quick Coupler Kit, MF
F	700958145M Header Quick Coupler Kit, MF
G	700959707M Reel Fore/Aft Tractor Kit, MF
H	700961620M Update Kit, 5300 Draper on WR9700, MF
I	700748026 (Parts) High Pressure Auxiliary Manifold Relief Valve
J	WR9700 Main Controller Software Version 1.4.0 and VT Software 1.3.0 or later.
K	(1) 700178559 Plate weight (from parts, hardware obtained locally see KO1021273)
L	700961626M Kit- Weight, Rear End Counterbalance



Hay Tools Kits Guide

9200 Series RazorBar Disc Headers



Complimenting the introduction of the WR9900 Series windrower is the launch of the new 9200 Series RazorBar disc headers. 9200 Series RazorBar disc headers are available in 4 configurations, 13' or 16' working widths with single or TwinMax conditioner options.

These headers utilize the same industry leading design from the 9100 Series heads, but introduce multiple enhancements providing increased capacity and reliability. Paired with the new drives on the WR9900 Series windrower, 16' 9200 Series disc heads have 20% more power available to cut through tough, rank crops without sacrificing ground speed. The ability to make use of this additional power means standard 16' 9200 Series heads will out perform 16' 9100 Series headers even when the 9100 is equipped with the optional hydraulic assist kit.

Additionally, items such as conditioner drive belts and gearboxes are beefed up to reliably handle the increased crop throughput. Lastly conditioner roll hydraulic pressure moves to the in cab monitor simplifying the process of monitoring and adjusting roll pressure to match conditions making the adjustment process more convenient.

Given the unmatched capabilities of 9200 Series RazorBar headers, they will find their way into many different applications. Proper selection of field installed kits will improve their effectiveness and customer satisfaction.



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9200 Series RazorBar Disc Headers

700963065M-Hydraulic Assist Kit

Adding a hydraulic assist kit to a 9286 header is suggested in heavy biomass crop conditions. The hydraulic assist kit increases overall feeding and conditioning capacity of the header in these high tonnage crops increasing ground speed and capacity.

The kit is most beneficial in tall, stalky grasses and canes harvested for biomass production. The kit will also increase capacity in heavy feed silage crops (i.e. alfalfa, triticale).

The kit provides a hydraulic motor that mounts directly to lower rear conditioning roll. This motor is tapping into hydraulic power already provided by the windrower and applying that power directly to the rear conditioner allowing the operator to make the most of the machine they already have.

Compatible with: 9286

700964066M- Biomass Auger

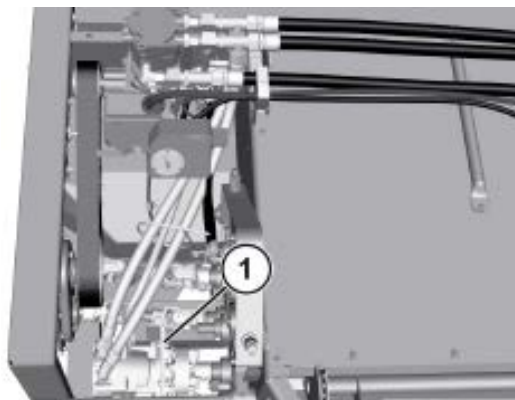
A biomass auger can be fitted to the front of the 9286 header to assist feeding in tall biomass type crops. The rotating auger helps pull these tall crops to the center of the header rather than letting them fall to the outside after the cut is made so material is properly oriented to flow through the conditioners.

Included in this kit is the cross auger, drive motor, shields, mounting brackets, hydraulic hoses, and all of the hardware to install the auger.

In order to utilize the Biomass auger, the following kits are needed:

- 700962908M- Auxiliary hydraulic pump kit
- 700962909M- Auxiliary hose kit
- 700963050M- Filler pan kit
- 700963065M- Hydraulic assist kit

Compatible with 9286





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9200 Series RazorBar Disc Headers

700964076M- Electric Swath Board Actuator

The swathboard actuator kit allows the swathboard position to be controlled from a programmable button on the FNR handle for on the go in cab adjustment.

Included in the kit is the actuator, wiring harness, mounting bracket for the actuator, setting indicator, and hardware for installation. When using with the TWA, the operator is able to lay the swath out flat underneath the windrower from the cab.

Compatible with: 9296, 9295, 9286 & 9283

MK11285- Steel Gauge Wheels

Steel gauge wheels are suggested in wet/ soft field conditions or when operating on recently seeded crop as they help reduce field damage.

The steel gauge wheel kit replaces the adjustable skid shoes on the back side of the header. This kit includes the gauge wheels, bracket, and all of the hardware for the kit.

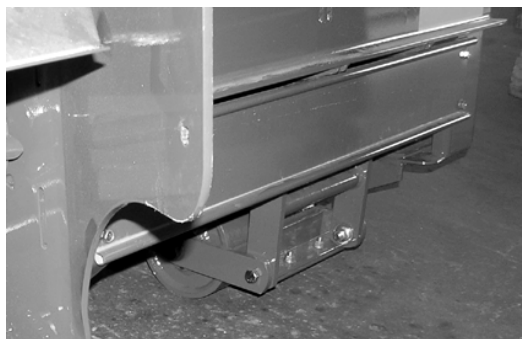
Compatible with: 9296 & 9295

700962390M-Header Single Point Adapter

Single point couplers allow all lines to be connected and removed with a single lever making header attachment/ removal quick and simple. This kit is especially handy for those operating multiple headers or attaching/ removing frequently. 9200 Series disc headers are driven with 2 sets of hydraulic lines, thus this kit includes 2 single point adapters so all connections can be converted. The kit also includes header supports to store the couplers on when the header is removed from the tractor.

Utilizing a header single point kit requires all tractors be equipped with single point kit# 700963930M

Compatible with: all 9200 Series disc headers





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9200 Series RazorBar Disc Headers

700958746M- Filler Pan

Adding a filler pan closes the gap behind the cutter bar under the turbulence reduction roll. Closing this gap ensures crop cannot slide under the turbulence reduction roll after it is cut causing feeding troubles.

This will improve performance in tall crops such as sorghum, miscanthus, sudan, sudex, etc, additionally a filler pan should be installed for use with the TWA so that loss is minimized.

Kit consists of the filler pan on the hardware to mount it to the header.

Compatible with 9296 & 9295

- 700963050M for 9286 & 9283



700207149- Crop Dividers- Parts

Crop dividers are suggested for applications in tall bushy crops. The dividers will help part the cut and uncut crop for improved cutting performance and feeding into the header.

Compatible with: 9296, 9295, 9286 & 9283





Hay Tools Kits Guide

9200 Series Sickle Auger Headers

All 4 models of the WR9900 Series can be equipped with the new 9200 Series sickle auger headers. 9200 Series sickle auger headers can be configured with 14, 16, or 18 feet working widths and may utilize single or TwinMax conditioner.

9200 Series sickle auger headers utilize much of the same design and share many of the same features as its predecessor, the 9100 Series but includes multiple enhancements to increase productivity and customer satisfaction.

The main update is the optional hydraulic driven reel. This option powers the reel via hydraulic fluid from the windrower on a separate circuit from other fixed speed functions such as sickle drive. This means 9200 Series sickle headers are equipped with automatic reel speed capabilities providing on the go reel speed adjustment matching reel speed to ground speed so crop flows through the header efficiently for maximum capacity and reduced crop loss. The operator can view reel speed RPMs through the in cab terminal for on the go observation.

Lastly conditioner roll hydraulic pressure moves to the in cab monitor simplifying the process of monitoring and adjusting roll pressure to match conditions making the adjustment process quicker and more convenient



Hay Tools Kits Guide

9200 Series Sickle Auger Headers

700963943M- Electric Swath Board Actuator

The swath board actuator kit allows the swath board position to be controlled from a programmable button on the FNR handle for on the go in cab adjustment.

Included in the kit is the actuator, wiring harness, mounting bracket for the actuator, setting indicator, and hardware for installation. When using with the TWA, the operator is able to lay the swath out flat underneath the windrower from the cab.

Compatible with: 9246 & 9226

MK61139- Crop Divider Kit

Crop dividers are suggested for applications in tall bushy crops. The dividers will help part the cut and uncut crop for improved cutting performance and feeding into the header.

Kit includes the crop dividers, lower auger filler angles, mounting brackets and hardware required to mount the crop dividers on the of the header.

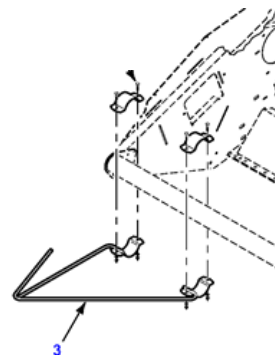
Compatible with: 9246 & 9226

700963979M- Header Single Point Adapter

Single point couplers allow all lines to be connected and removed with a single lever making header attachment/removal quick and simple. This kit is especially handy for those operating multiple headers or attaching/ removing frequently. 9200 Series sickle headers are driven with 1 (mechanical reel) or 2 (hydraulic reel) sets of hydraulic lines, thus this kit includes 2 single point adapters so all connections may be converted. The kit includes header supports to store the couplers on when the header is removed from the tractor.

Utilizing a header single point kit requires all tractors be equipped with single point kit# 700963930M.

Compatible with: 9246 & 9226





Hay Tools Kits Guide

5400 Series Draper Headers

The introduction of the 5400 Series draper header allows any of the 4 WR9900 Series windrowers to be utilized in a grain swathing application. 5400 Series headers are offered in 5' increments from 20'-40' with center delivery or double swath configurations. They also include multiple developments to ensure we have an industry leading draper head paired to the industry's best windrower tractor.

5400 Series enhancements can be grouped into 3 main categories; in cab monitoring, header hydraulics and field performance.

In Cab Monitoring- Reel speed and draper belt speed is displayed through the in cab terminal so the operator can view and monitor performance through the day.

Header Hydraulics- our engineers have worked to reduce complexity in the header hydraulic configuration for increased reliability and consistency as oil warms up.

Field Performance- now that we've got a couple seasons on the proven 5300 headers, we're able to make multiple enhancements to the 5400 Series based on infield experience. One example of this is moving header control software back into the windrower. No need for on board header hardware or dedicated header software versions which simplifies the service process.

In order to attach a 5400 header to a WR9900 windrower, the windrower must be equipped with the extended lift arms. These lift arms may be ordered on a WR9950 from the factory, or on any WR9900 ordered with the premium grain package. If arms must be added in the field, kit# 700959709M should be installed.



Hay Tools Kits Guide

5400 Series Draper Headers**700959222M- Swivel Gauge Wheels**

Swivel gauge wheels are used to help control the header as it travels across uneven terrain. The swivel gauge wheel kit mounts on the outside ends of the header and can be ran on the ground, even while turning as needed to keep the ends of the header off the ground.

Kit includes right and left gauge wheels, brackets, and the hardware required to mount them. Wheels are designed to mount so that they tuck in behind the header and do not run over un cut crop.

Installation of gauge wheels eliminates the need for the parking stand kit# 71396012.

This kit can be used on all 5400 headers.

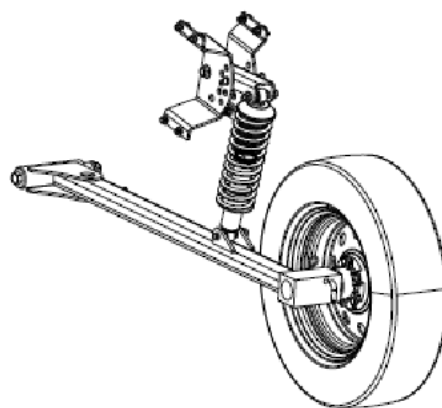
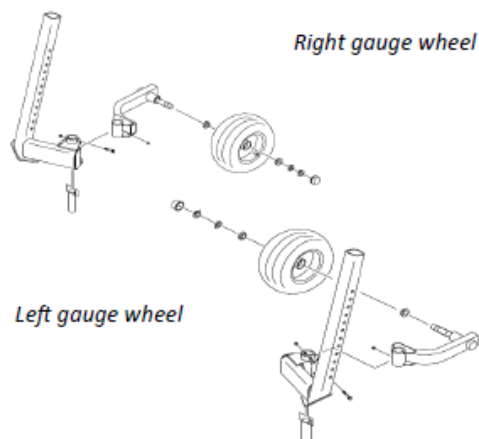
700961182M- Spring Gauge Wheels

Larger 5400 headers can be equipped with a set of spring gauge wheels that mount inboard on the backside of the header. The spring gauge wheels are used to control the cut height and carry the header across uneven terrain.

This kit includes the left and right gauge wheels, spring assembly and hardware required to mount to the header. These gauge wheels are not intended to run on the ground while making sharp turns.

Installation of gauge wheels eliminates the need for the parking stand kit# 71396012.

Kit is compatible with the 30', 35' and 40' models.





Hay Tools Kits Guide

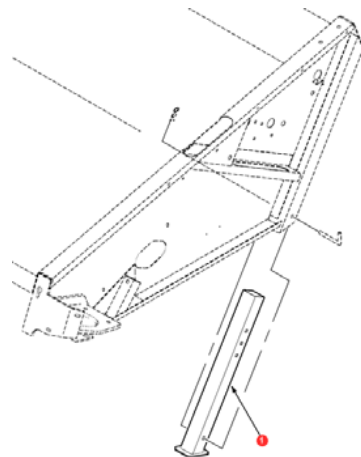
5400 Series Draper Headers

713960120- Parking Stand

If a 5400 is not equipped with gauge wheels, the parking stand kit must be installed so the header can be detached from the windrower. Parking stands install on the outside ends of the header where swivel gauge wheels would attach.

The stands also hold the header in the proper position so the windrower can hook back up without issue. If the header is equipped with gauge wheels parking stands are not needed.

Kit includes the parking stands and hardware to mount them. Compatible with all 5400 headers.

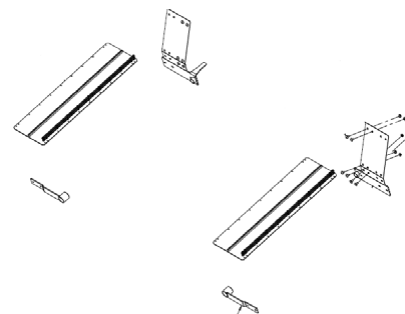


700961141M- Narrow Opening Insert

The 78.5" opening in the 5400 header may drop a windrow too wide for some applications. Should a producer have a need to drop a narrower windrow, the narrow opening insert kit should be installed.

The narrow opening kit will reduce the windrow width by 11". Installation requires relocation of the draper belt drive rollers and hydraulic motors.

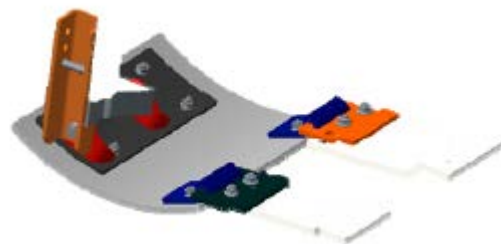
These inserts are compatible with all 5400 headers.



700961142M- Skid Shoe Kit

When running a 5400 header in applications where the cutter bar is on the ground, the header should be equipped with the skid shoe kit. The skid shoe kit ensures the bottom side of the header is protected and does not wear prematurely.

This kit includes 2 outer skids, 2 inner skids and all installation hardware. The kit can be installed on any 5400 header.





Hay Tools Kits Guide

5400 Series Draper Headers

700961365M- Slow Speed Transport Kit

A slow speed transport kit allows the 5400 header to be towed behind a RearSteer WR9900 from field to field. When in the field, the slow speed transport kit acts as gauge wheels to assist in header floatation and cut height.

Only WR9900s equipped with RearSteer and the pivoting rear hitch may tow 5400 headers. The 5400 may not be towed on the slow speed kit over 20 mph.

Kit# 700961365M is compatible with 35' and 40' headers

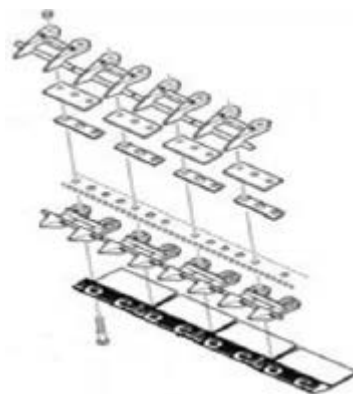
Kit# 700961183M is required for 30' headers.



700962378M- Base Stub Guard Kit

Running a 5400 in dense, heavy matted or tangled crops may require the installation of stub guards. The stub guards extend almost all the way to the end of the sickle section. This allows cut crop to move over the sickle with out sticking or plugging on the long standard guards. Stub guards may only be installed on the standard sickle.

- Kit# 700962375M includes all components to convert 20' of double knife 5400 sickle to stub guards.
- Kit# 700962376M includes all components to convert 25' of single knife 5400 sickle to stub guards.
- Kit# 700962378M includes components to convert 5' of 5400 sickle to stub guards.
- Ordering example: converting a 30' double knife 5400, 1 of kit# 700962375M and 2 of kit# 700962378M should be ordered.



700747680- Extended Crop Divider Kit- Parts

Crop dividers are suggested for applications in tall bushy crops. The dividers will help part the cut and uncut crop for improved cutting performance and feeding onto the draper belts.

Kit is compatible with all 5400 headers. It includes a single PVC pipe to mount over the standard divider. Order 2 per header.





Hay Tools Kits Guide

9100 Series RazorBar Disc Headers



Producers may equip their WR9860 or WR9870 Series windrower with one of 4 9100 Series disc headers. These headers are available in 13' or 16' configurations and fitted with single steel on steel conditioners, or Twin Max dual steel on steel conditioners.

Disc headers can go into many different applications, from grass hays to alfalfa and in some areas biomass crops such as sorghum. Selecting the proper kits will ensure the header will provide satisfactory performance across these broad applications.



Hay Tools Kits Guide

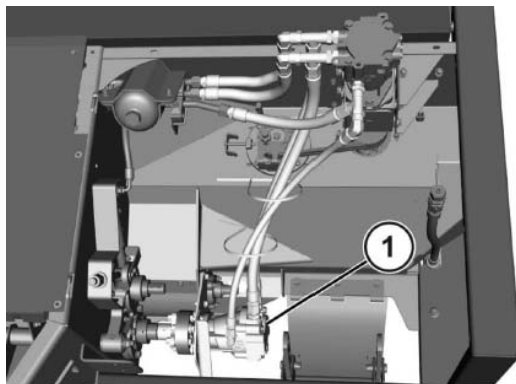
9100 Series RazorBar Disc Headers

700961692M-Hydraulic Assist Kit

Adding a hydraulic assist kit to a RazorBar header is suggested in all conditions. The hydraulic assist kit increases overall feeding and conditioning capacity of the header.

The kit is most beneficial in tall, stalky grasses and canes harvested for biomass production. The kit will also increase capacity in heavy feed silage crops (i.e. alfalfa, triticale).

The kit provides a hydraulic motor that mounts directly to one of the conditioner rolls. This motor is tapping into hydraulic power already provided by the windrower allowing the operator to make the most of the machine they already have.



Compatible with 9196 & 9195
- 700961693M for 9186

700961694M- Biomass Auger

A biomass auger can be fitted to the front of the 9186 header to assist feeding in tall biomass type crops. The rotating auger helps pull these tall crops to the center of the header rather than letting them fall to the outside after the cut is made so material is properly oriented to flow through the conditioners.

Included in this kit is the cross auger, drive motor, shields, mounting brackets, hydraulic hoses, and all of the hardware to install the auger.



In order to utilize the Biomass auger, the following kits are needed:

- 700962908M- Auxiliary hydraulic pump kit
- 700962909M- Auxiliary hose kit
- 700963050M- Filler pan kit
- 700961693M- Hydraulic assist kit

Compatible with 9186



Hay Tools Kits Guide

9100 Series RazorBar Disc Headers

MK11284- Electric Swath Board Actuator

The swathboard actuator kit allows the swathboard position to be controlled from a programmable button on the FNR handle for on the go in cab adjustment.

Included in the kit is the actuator, wiring harness, mounting bracket for the actuator, setting indicator, and hardware for installation. When using with the TWA, the operator is able to lay the swath out flat underneath the windrower from the cab.

Compatible with: 9196, 9195, 9186 & 9183

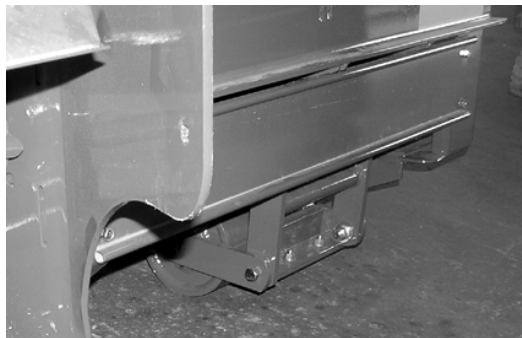


MK11285- Steel Gauge Wheels

Steel gauge wheels are suggested in wet/ soft field conditions or when operating on recently seeded crop as they help reduce field damage.

The steel gauge wheel kit replaces the adjustable skid shoes on the back side of the header. This kit includes the gauge wheels, bracket, and all of the hardware for the kit.

Compatible with: 9196 & 9195



700958145M- Header Quick Coupler Kit

Quick couplers simplify the header hooking and unhooking process for those doing so often.

The header coupler kit provides a set of hydraulic quick couplers for the header. Each line must be attached and detached by the operator.

In order to utilize 700958145M, the tractor hydraulic lines must be equipped with 700958144M.



Compatible with: all current headers



Hay Tools Kits Guide

9100 Series RazorBar Disc Headers

700961622M-Header Single Point Adapter

The header single point kit provides the easiest means of attaching header hydraulic lines. All lines are latched and unlatched at once meaning secure connections every time.

Utilizing a header single point kit requires all tractors be equipped with single point kit# 700961624M

Compatible with: all current headers



700962910M- Single Point Support

Headers equipped with a single point hydraulic adapter should also be equipped with the single point support kit. This kit provides a mounting point on the header for the hydraulic hoses with single point coupler to be stored when the header is not hooked to the windrower.

Compatible with: 9100 disc headers & 9100 sickle auger headers





Hay Tools Kits Guide

9100 Series RazorBar Disc Headers

700958746M- Filler Pan

Adding a filler pan closes the gap behind the cutter bar under the turbulence reduction roll. Closing this gap ensures crop cannot slide under the turbulence reduction roll after it is cut causing feeding troubles.

This will improve performance in tall crops such as sorghum, miscanthus, sudan, sudex, etc, additionally a filler pan should be installed for use with the TWA so that loss is minimized.

Kit consists of the filler pan on the hardware to mount it to the header.

Compatible with 9196 & 9195

- 700963050M for 9186 & 9183



700207149- Crop Dividers- Parts

Crop dividers are suggested for applications in tall bushy crops. The dividers will help part the cut and uncut crop for improved cutting performance and feeding into the header.

Compatible with: 9196, 9195, 9186 & 9183





Hay Tools Kits Guide

9100 Series Sickle Auger Headers



Producers may equip their WR9800 Series windrowers with a sickle auger header if needed. These headers are available in 14', 16' or 18' configurations.

The 9126 single conditioner header can be equipped with a single steel on steel or rubber on steel conditioner, while the 9146 Twin Max dual conditioner model utilizes steel on steel conditioner rolls.

Sickle auger headers are primarily utilized in a hay production application.



Hay Tools Kits Guide

9100 Series Sickle Auger Headers

700961622M-Header Single Point Adapter

The header single point kit provides the easiest means of attaching header hydraulic lines. All lines are latched and unlatched at once meaning secure connections every time.

Utilizing a header single point kit requires all tractors be equipped with single point kit# 700961624M

Compatible with: all current headers



700962911M- Single Point Support

Headers equipped with a single point hydraulic adapter should also be equipped with the single point support kit. This kit provides a mounting point on the header for the hydraulic hoses with single point coupler to be stored when the header is not hooked to the windrower.

Compatible with: 9100 disc headers & 9100 sickle auger headers



700958145M- Header Quick Coupler Kit

Quick couplers simplify the header hooking and unhooking process for those doing so often.

The header coupler kit provides a set of hydraulic quick couplers for the header. Each line must be attached and detached by the operator.

In order to utilize 700958145M, the tractor hydraulic lines must be equipped with 700958144M.

Compatible with: all current headers





Hay Tools Kits Guide

9100 Series Sickle Auger Headers

MK61158- Electric Swath Board Actuator

The swath board actuator kit allows the swath board position to be controlled from a programmable button on the FNR handle for on the go in cab adjustment.

Included in the kit is the actuator, wiring harness, mounting bracket for the actuator, setting indicator, and hardware for installation. When using with the TWA, the operator is able to lay the swath out flat underneath the windrower from the cab.

Compatible with: 9146 & 9126

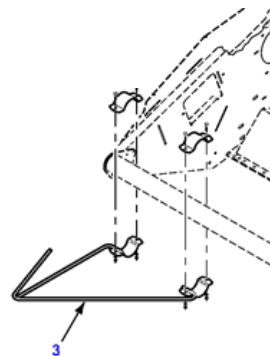


MK61139- Crop Divider Kit

Crop dividers are suggested for applications in tall bushy crops. The dividers will help part the cut and uncut crop for improved cutting performance and feeding into the header.

Kit includes the crop dividers, lower auger filler angles, mounting brackets and hardware required to mount the crop dividers on the of the header.

Compatible with: 9146 & 9126





Hay Tools Kits Guide

5300 Series Draper Headers



5300 Series headers allow producers to utilize the WR9800 Series windrower in a grain swathing application.

Any WR9800 Series windrower can operate a 5300 header from 20' – 40' in width providing producers plenty of flexibility from their windrower. In order to adapt a 5300 header to a WR9800 Series windrower, the tractor should be equipped with draper/ auger adapter kit# 700959709M.

In addition to a wide range of working widths, the 5300 can be ordered as either a center delivery or double swath model with single or double knife drive and with either an AGCO or SCH sickle.

While “grain swathing” is a broad term and depending on the crop can have many different requirements, the kits offered for the 5300 header ensure this platform can meet the needs of various producers.



Hay Tools Kits Guide

5300 Series Draper Headers

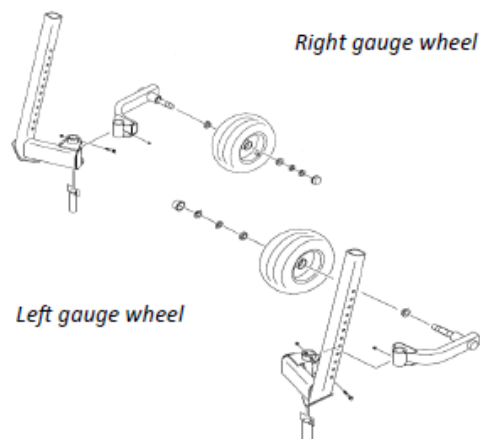
700959222M- Swivel Gauge Wheels

Swivel gauge wheels are used to help control the header as it travels across uneven terrain. The swivel gauge wheel kit mounts on the outside ends of the header and can be ran on the ground, even while turning as needed to keep the ends of the header off the ground.

Kit includes right and left gauge wheels, brackets, and the hardware required to mount them. Wheels are designed to mount so that they tuck in behind the header and do not run over un cut crop.

Installation of gauge wheels eliminates the need for the parking stand kit# 71396012.

This kit can be used on all 5300 headers.



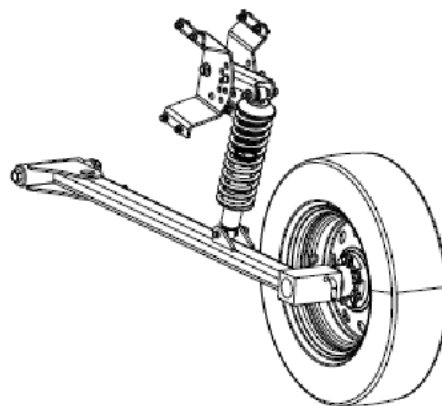
700961182M- Spring Gauge Wheels

Larger 5300 headers can be equipped with a set of spring gauge wheels that mount inboard on the backside of the header. The spring gauge wheels are used to control the cut height and carry the header across uneven terrain.

This kit includes the left and right gauge wheels, spring assembly and hardware required to mount to the header. These gauge wheels are not intended to run on the ground while making sharp turns.

Installation of gauge wheels eliminates the need for the parking stand kit# 71396012.

Kit is compatible with the 30', 35' and 40' models.





Hay Tools Kits Guide

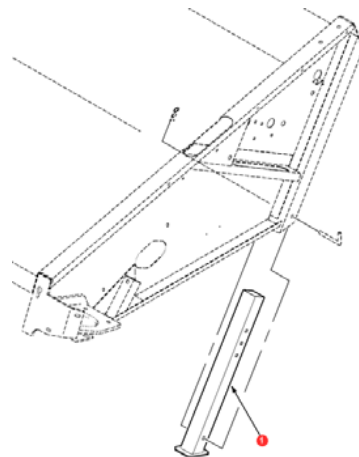
5300 Series Draper Headers

713960120- Parking Stand

If a 5300 is not equipped with gauge wheels, the parking stand kit must be installed so the header can be detached from the windrower. Parking stands install on the outside ends of the header where swivel gauge wheels would attach.

The stands also hold the header in the proper position so the windrower can hook back up without issue. If the header is equipped with gauge wheels parking stands are not needed.

Kit includes the parking stands and hardware to mount them. Compatible with all 5300 headers.

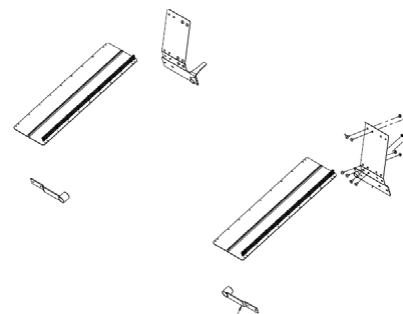


700961141M- Narrow Opening Insert

The 78.5" opening in the 5300 header may drop a windrow too wide for some applications. Should a producer have a need to drop a narrower windrow, the narrow opening insert kit should be installed.

The narrow opening kit will reduce the windrow width by 11". Installation requires relocation of the draper belt drive rollers and hydraulic motors.

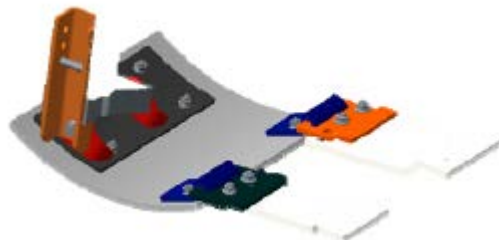
These inserts are compatible with all 5300 headers.



700961142M- Skid Shoe Kit

When running a 5300 header in applications where the cutter bar is on the ground, the header should be equipped with the skid shoe kit. The skid shoe kit ensures the bottom side of the header is protected and does not wear prematurely.

This kit includes 2 outer skids, 2 inner skids and all installation hardware. The kit can be installed on any 5300 header.





Hay Tools Kits Guide

5300 Series Draper Headers

700961365M- Slow Speed Transport Kit

A slow speed transport kit allows the 5300 header to be towed behind a RearSteer WR9800 from field to field. When in the field, the slow speed transport kit acts as gauge wheels to assist in header floatation and cut height.

Only WR9800s equipped with RearSteer and the pivoting rear hitch may tow 5300 headers. The 5300 may not be towed on the slow speed kit over 20 mph.

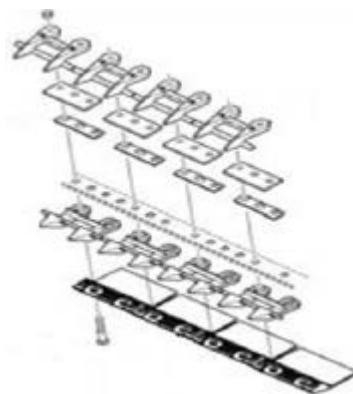
Kit# 700961365M is compatible with 35' and 40' headers, kit# 700961183M is required for 30' headers.



700962378M- Base Stub Guard Kit

Running a 5300 in dense, heavy matted or tangled crops may require the installation of stub guards. The stub guards extend almost all the way to the end of the sickle section. This allows cut crop to move over the sickle with out sticking or plugging on the long standard guards. Stub guards may only be installed on the standard sickle.

- Kit# 700962375M includes all components to convert 20' of double knife 5300 sickle to stub guards.
- Kit# 700962376M includes all components to convert 25' of single knife 5300 sickle to stub guards.
- Kit# 700962378M includes components to convert 5' of 5300 sickle to stub guards.
- Ordering example: converting a 30' double knife 5300, 1 of kit# 700962375M and 2 of kit# 700962378M should be ordered.



700747680- Extended Crop Divider Kit- Parts

Crop dividers are suggested for applications in tall bushy crops. The dividers will help part the cut and uncut crop for improved cutting performance and feeding onto the draper belts.

Kit is compatible with all 5300 headers. It includes a single PVC pipe to mount over the standard divider. Order 2 per header.





Hay Tools Kits Guide

1300 Series Disc Mower Conditioners



Customers looking for pull type mower conditioners will be operating one of the models in the 1300 Series. The 1300 Series offers disc mower conditioners from 9'3" to 16' working width with side pull or center pivot configurations and one of several conditioner options.

These mowers offer producers rugged, easy to use mower conditioners capable of handling a wide range of tasks. In order to handle these different tasks, the operator should ensure their mower conditioner is setup with the proper kits for their situation.



Hay Tools Kits Guide

1386/1383 Disc Mower Conditioners

700958746M- Filler Pan

Adding a filler pan closes the gap behind the cutter bar under the turbulence reduction roll. Closing this gap ensures crop cannot slide under the turbulence reduction roll after it is cut causing feeding troubles.

This will improve performance in tall crops such as sorghum, miscanthus, sudan, sudex, etc.,.

Kit consists of the filler pan and the hardware to mount it to the header.

Compatible with 1386, 700963050M for 1383



700960605M- Drawbar Hitch Kit

If the need arises to convert a 1380 mower already in the field from a 3 point hitch to a drawbar hitch, the drawbar hitch kit will include all components to make this conversion.

The dealer will remove and discard the old 3 point hitch components and replace with those included in this kit. Adapting to a category 4 drawbar requires the 3 point hitch as the drawbar kit will not fit.

Compatible with 1386 & 1383



700960610M- 3 Point Hitch Kit

If the need arises to convert a 1380 mower already in the field from a drawbar hitch to a 3 point hitch, the 3 point hitch kit will include all components to make this conversion.

The dealer will remove and discard the old drawbar hitch components and replace with those included in this kit. Adapting to a category 4 drawbar requires the 3 point hitch as the drawbar kit will not fit.

Compatible with 1386 & 1383





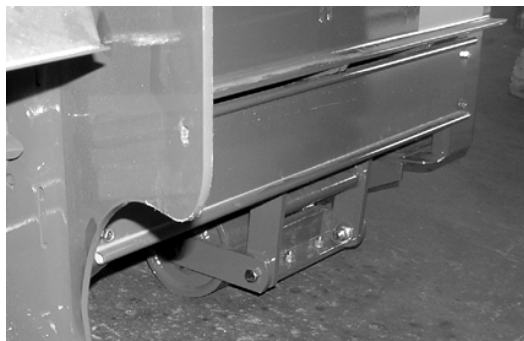
Hay Tools Kits Guide

1386/ 1383 Disc Mower Conditioners

MK11285- Steel Gauge Wheels

Steel gauge wheels are suggested in wet/ soft field conditions or when operating on recently seeded crop as they help reduce field damage.

The steel gauge wheel kit replaces the adjustable skid shoes on the back side of the header while retaining the height adjustment options. This kit includes the gauge wheels, bracket, and all of the hardware for the kit.



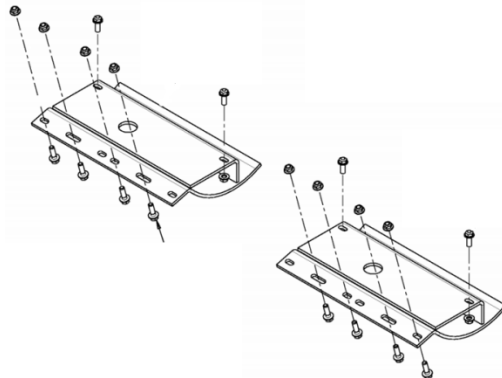
Compatible with: 1386

700958143M-High Skid Shoes

1383 disc mower conditioners do not include height adjustable skid shoes from the factory. If increased cut height is needed, the high skid shoes kit should be installed.

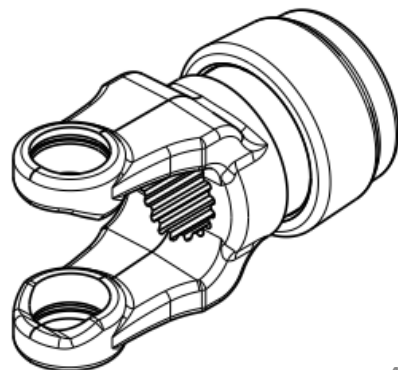
Installation of the high skids will increase the cut height by roughly 2.25-2.5" with the header at 0 degree tilt. This provides a max cutting height of just over 5".

This kit is compatible with the 1383 and includes 2 high skids, 1 for each end of the cutter bar and all mounting components.



700749702- 1-3/4" 20 Spline PTO Yoke-Parts

Customers who desire to run a 1386/ 1383 on a tractor with the large 1-3/4" 20 spline PTO shaft need to order a replacement yoke from Parts. The dealer will need to swap out the yokes and then the shaft can be adapted to those larger tractors.



Compatible with 1386 & 1383



Hay Tools Kits Guide

1366/ 1363 Disc Mower Conditioners

700957954M- Hydraulic Header Tilt

The hydraulic header tilt kit allows the operator to control the tilt angle of the mower from the cab. This allows the operator to tilt the mower back to clear small obstacles rather than raising the entire machine.

Adding a hydraulic header tilt kit replaces the manual adjustment linkage that is standard, and adds an additional hydraulic valve requirement (3 total) as the hydraulic tilt is on it's own circuit, separate from other functions.

The kit includes the tilt cylinder with position indicator, hydraulic lines and all hardware required for mounting.

Kit 700957954M is compatible with the 1366, kit 700958379M is compatible with the 1363.



700962485M- Weight Kit

For added stability while operating with the mower raised in uneven terrain, while making turns at high speed or while making turns on hillsides, a weight kit should be installed on the 1366 mower. The weight kit includes weights that attach inside the rear wheels and on the rear axles of the machine.

The kit includes all of the weights, replacement hubs and hardware needed for installation. The weight kit will increase the weight of the machine by roughly 600lbs overall or 300lbs per side and effectively lowers the center of gravity on the mower. .

Compatible with the 1366





Hay Tools Kits Guide

1359 Disc Mower Conditioner

MKD11177- 2" Topping Skids

If the desired cut height cannot be achieved with the standard cutter bar configuration on the 1359 mower, the customer can install a set of topping skids. The topping skids will increase the machine cut height by 2".

The topping skids kit includes 4 skids with the hardware required to mount them on the bottom of the cutter bar. The topping skids should be installed on cutting discs 1, 3, 5 and 7 for proper function.

Compatible with: 1359

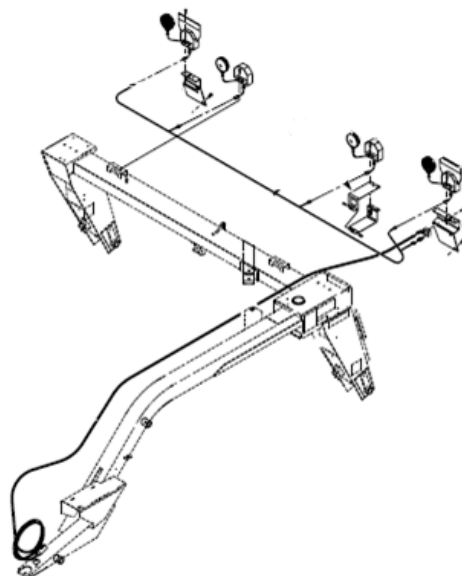


MKD11176- Lighting Package

Producers who commonly pull a 1359 on the road should install the lighting package kit. The lighting package will improve visibility to others on the roadway while moving the unit from field to field.

The lighting package includes a set of brake lights, a set of amber flashing lamps, the required harnesses and all the hardware needed to install the kit on the rear frame of the 1359.

Current production 1359s will have the bracket for the tail lights already welded to the frame. If the kit is being installed on an early production 1359, it may be necessary to order the tail light brackets for the frame from Parts.





Hay Tools Kits Guide

DM Series Disc Mowers



For producers who do not need or desire a larger pull type or self propelled mower, we offer a full line of 3 point mounted mowers. Our disc mower lineup includes 2 categories, Farmer Series mowers match the needs of the economy minded customer, and the Professional Series aligns with the needs of larger scale producers and in some cases may be sold as an alternative to a pull type machine.

The line up includes mowers from as small as a 5' 5" cut all the way up to an 11' 6" cut. The Professional Series can even utilize a conditioner to further improved productivity and efficiency.

Like our pull type machines, selecting the right kits will ensure these mowers meet the needs of the producer running them. The kits called out in this document for the new smart model number disc mowers, will also fit the previous model Farmer and Professional Series units.



Hay Tools Kits Guide

Farmer Series Disc Mowers

700960868 & 700960869- Swath Guide (Left)

The left swath guide can be utilized to narrow up the swath behind the mower. The left swath guide is installed in addition to the standard right side guide.

The kit also includes swath boards for the left and right side to further define the swath behind the mower.

700960868 compatible with: DM164, DM205 & DM246

700960869 compatible with: DM287



700960870- Welded On Skid

These should be attached to the bottom side of the standard rock guards to provide additional mower protection in rocky terrain.

It is suggested to install one of these per cutting disc, but at minimum 3 should be utilized on the mower.

Compatible with: all Farmer Series mowers





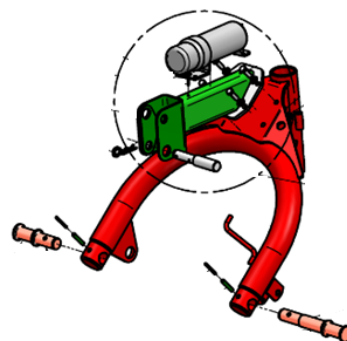
Hay Tools Kits Guide

Farmer Series Disc Mowers**FEL428928- Quick Hitch Adapter- Parts**

The quick hitch adapter kit is required to attach a mower to a tractor with a quick hitch. A quick hitch is highly suggested for producers utilizing a single tractor for mowing and other farm tasks as it greatly simplifies the attachment procedure.

The kit includes top link adapter plates and bottom linkage quick hitch pins. After installation, the mower will attach to category 2 and category 3 narrow quick hitches.

Compatible with: all Farmer Series mowers

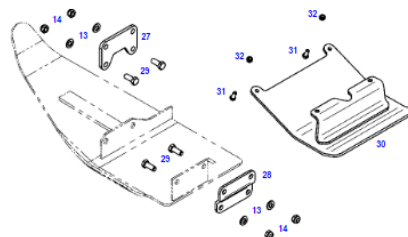
**FEL134764, FEL134765, FEL134768- High Cutting Skids- Parts**

Installing the high skids kit increases cutting height by 54 mm (2"). This kit should be utilized when the desired cut height cannot be achieved with the adjustment on the standard configuration.

The kit includes a new end skid and spacers for the standard left side skid.

All 3 part numbers must be ordered.

Compatible with: all Farmer Series mowers





Hay Tools Kits Guide

Professional Series Disc Mowers



700960877- Rubber Roll Conditioner

- The DM255-P can be equipped with a rubber roller conditioner option. A rubber roll conditioner would be suggested for those operating in leafy, delicate crops such as alfalfa.
- Intermeshing deep rubber lugs provide a gentle crimp to the stem and entire crop mat as crop passes through while preserving leaves.
- This action increases the dry down of forage allowing the producer to bale sooner, preserving hay quality and avoiding inclement weather.
- Bottom roll position is fixed, the top roll is floating with tension provided by a tensioning spring. Adjustment of this spring is how the aggressiveness of the conditioner can be set for conditions.
- The attachment method allows the conditioner to be removed and reinstalled by the customer as needed to meet needs of different fields.
- The conditioner roll kit includes the conditioner assembly with forming shields, gearbox with PTO shaft for power and all hardware required for installation.
- Conditioner assembly weighs approximately 706 lbs.

700960881- Roller Conditioner Stone Guard

The DM255-P roller conditioner can be fitted with a stone guard. The stone guard mounts under the fixed bottom roller. This stone guard should be installed when operating a mower with roller conditioner in rough or rocky terrain as it protects the roller from damage.





Hay Tools Kits Guide

Professional Series Disc Mowers

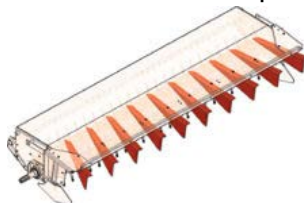


700960875 & 700960876- Tine Conditioner

- The DM255-P and DM306-P can be configured with a tine conditioner. Tine conditioners are ideal for grass type crops, not suggested for use in leafy crops such as alfalfa.
- Combined with an adjustable comb, tines effectively breakup or remove the waxy coating on the forage to allow moisture to escape, improving drying time. At no point is forage crushed or broken.
- The rotating tines move crop through an adjustable comb assembly. This comb assembly has 4 adjustments which impact conditioning intensity.
- Tines are a sturdy long lasting design, and include tine loss protectors to minimize field hazards.
- Adding a tine conditioner will build a light, fluffy swath that promotes air flow to further improve dry down.
- The attachment method allows the conditioner to be removed and reinstalled by the customer as needed to meet needs of different fields.
- The tine conditioner kit includes the conditioner assembly with forming shields, gearbox with PTO shaft for power and all hardware required for installation.
- Conditioner assembly weights: DM255-P- 492 lbs - DM306-P- 633 lbs

700960878 & 700960879- Spreader Device for Tine Conditioner

The DM255-P and DM306-P tine conditioner can be equipped with a spreader device. The spreader device will help spread the cut crop in the swath to further improve dry down time.





Hay Tools Kits Guide

Professional Series Disc Mowers

700960871- Swath Disc (Left)

The left swath guide can be utilized to narrow up the swath behind the mower. The left swath disc is installed in addition to the standard right side guide and can only be installed with no conditioner attached.

Swath width approx. 5'11" (DM255-P), 6'7" (DM306-P).

Compatible with: DM255 & DM306



700960873- Swath Guide (Left)

The left swath guide can be utilized to narrow up the swath behind the mower. The left swath guide is installed in addition to the standard right side guide.

Swath width approx. 6'7" (DM357-P)

Compatible with: DM357

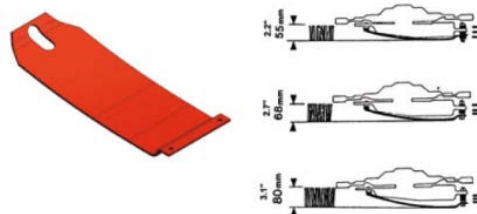


700960874- Adjustable High Skid

This kit should be utilized when the desired cut height cannot be achieved with the adjustment in standard configuration. These adjustable high skids can increase cutting height by up to 80 mm (3.1"). Height is adjusted by spacers on the back side of the skids.

Order 1 per cutting disc.

Compatible with: all Professional Series mowers

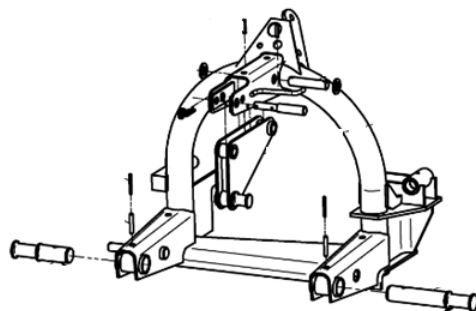


FEL428929- Quick Hitch Adapter Kit- Parts

The quick hitch adapter kit is required to attach a mower to a tractor with a quick hitch. A quick hitch is highly recommended for producers utilizing a single tractor for mowing and other farm tasks as it greatly simplifies the attachment procedure.

The kit includes top link adapter plates and bottom linkage quick hitch pins. After installed, the mower will attach to category 2 quick hitches.

Compatible with: all Professional Series mowers





Hay Tools Kits Guide

DM Series Triple Mower



The DM Series lineup includes the DM306 front mower, and DM9314 rear butterfly mowers. This triple mower setup allows larger scale operations to mow 30' 6" in a single pass.

Operations opting to run triple mowers are looking for a high capacity machine with or without a conditioner that can fold up into a manageable transport package. Typically triple mowers are used to lay down crop for a forage harvester or large baler, and crops are traditionally heavy silage crops.

The specific application will drive the kits needed to provide satisfactory performance. The kits called out in this document for the new smart model number DM306 & DM9314 triple mowers, will also fit the previous DM1340 & DM1398 mowers.



Hay Tools Kits Guide

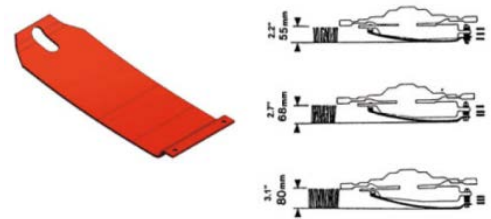
DM Series Triple Mower

700960874- Adjustable High Skid

This kit should be utilized when the desired cut height cannot be achieved with the adjustment in standard configuration. These adjustable high skids can increase cutting height by up to 80 mm (3.1"). Height is adjusted by spacers on the back side of the skids.

Order 1 per cutting disc.

Compatible with: DM306 & DM9314



700963267- Swath Former

In the event the conditioner is removed from a DM306 originally equipped with one from the factory, the swath former kit must be installed. Installation of the swath former kit ensures that cut crop is laid in a neat swath behind the mower so as the tractor passes the tires do not run over the swath. The swath discs can be adjusted to lay a swath as narrow as 5' 6".

The swath former kit should only be installed on a DM306 not equipped with a conditioner, protective cover kit 700961878 must also be installed for proper function.



700963260- Mower Disc with Conveyor Wings

Compact angle drive cutter bar mowers can be equipped with a set of mower disc with conveyor wings. These discs should be installed in heavy crop conditions where material is building up on top of the cutting discs and not getting thrown on the field behind the cutter bar, or through the conditioner. Installing these discs will improve feeding and cut quality in these heavy forage conditions.

Order 1 mower disc with conveyor wings kit per cutter bar. These disc replace the standard ones positioned in the middle of the cutter bar.



Compatible with: DM306 & DM9314



Hay Tools Kits Guide

DM Series Triple Mower

700963266- Crowned Drum Hat Kit

For improved crop flow in heavy crop conditions, and enhanced division between swaths behind the mower, the crowned drum hat kit can be installed on compact angle gear cutter bars.

The crowned drum hat kit includes a set of hats that attach to the top of the drums located on the outside cutter discs. These hats make the drums more aggressive and improve crop flow. Order 1 kit per cutter bar.

Compatible with: DM306 & DM9314



700961878- Protective Cover

When the conditioner is removed from a DM306 originally equipped with one from the factory, the protective cover kit must be installed. The protective cover kit fills the void left when the conditioner is removed.

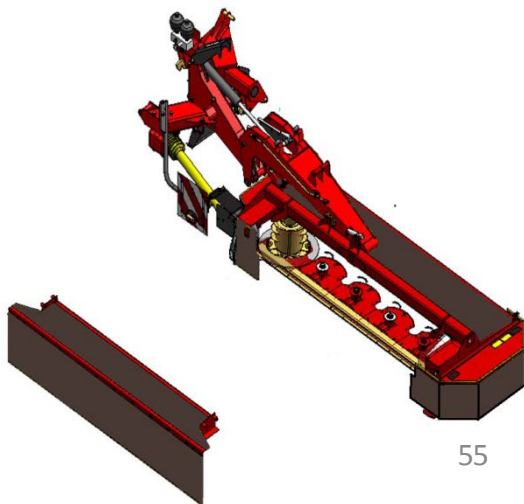
The protective cover kit may only be installed on a DM306 that does not have the conditioner attached. It must be installed with kit 700963267 swath former kit so the swath is properly deposited behind the mower.



700961879- Protective Cover

When the conditioners are removed from the DM9314 rear mowers originally equipped with them from the factory, the protective cover kit must be installed. The protective cover kit fills the void left when the conditioners are removed.

The protective cover kit may only be installed on a DM9314 that does not have the conditioner attached.





Hay Tools Kits Guide

DM Series Triple Mower

71445576- Electro- Hydraulic Load Sensing Control

Installation of the electro- hydraulic load sensing controls kit converts the DM9314 over to function through the load sensing power beyond tractor hydraulic system. This option places a control box in the cab of the tractor with switches that control the lifting of the rear mowers. This control box would be used in place of working the traditional in cab hydraulic controls.

Utilization of the kit promotes increased operator comfort and ease of use, as well as freeing up non power beyond tractor valves for other functions. Mower floatation is regulated through the load sense capability on the tractor rather than placing traditional spool valves in a float position.

This kit includes the in cab control box, electro hydraulic control module for flow diversion, new lines for hooking to tractor and all hardware to mount the kit.

Compatible with: DM9314 without mergers.

71440199- PTO Yoke 1-3/4" (20 Spline)

Customers who desire to run a DM9314 on a tractor with the large 1-3/4" 20 spline PTO shaft need to order a replacement shaft yoke. The dealer will need to swap out the yokes and then the shaft can be adapted to those larger tractors.

Compatible with: DM9314

700963259- Filler Pan

When operating a DM9314 equipped with factory installed mergers, it may be necessary to install a filler pan. The filler pan kit mounts behind the conditioner and in front of the merger belts, this closes off the gap in this area eliminating crop loss. Installation of the kit would be recommended for any DM9314 sold with mergers.

Compatible with: DM9314 with mergers.





Hay Tools Kits Guide

TD Series Tedders



In areas where producers need assistance with crop dry down, one of our TD Series tedders will offer the solution to make this happen quickly and efficiently.

The TD Series lineup offers 10 models of tedders, from 8'2" working width all the way up to 41' 8" working width. TD Series tedders can be configured with either a drawbar or 3 point hitch option and with one of multiple frame configurations. This flexibility ensures any producer can match their needs with a TD Series tedder.

Kit options are minimal for the TD Series as they are capable of handling multiple different crops in their standard configuration. The kit called out in this document for the new smart model number tedders, will also fit the previous model units.



Hay Tools Kits Guide

TD Series Tedders

700960862- Spare Wheel 16/6.5-8

The spare wheel kit provides the operator with a replacement tire for the tedder to replace a failed tire if needed in the field. This ensures downtime is minimal in the event a failure occurs.

When not being utilized to replace a failed tire, the spare wheel kit includes the components necessary to mount the tire out of the way on the tedder frame. The tire can be used to replace any of the tires under the rotor heads.

Compatible with: TD524 DN, TD676 DN, TD776 DN, TD1008 TR- Hydro, TD1310 TR- Hydro





Hay Tools Kits Guide

RK Series Rotary Rakes



Operations looking to produce top quality hay or forage would be best served with one of our 8 rotary rake models in the RK Series lineup. By their design, RK Series rotary rakes ensure windrows are built free from excess ash or debris, and with a light, fluffy consistency that improves crop dry down as well as baler feeding.

RK Series rotary rakes are packed with industry leading features ensuring they are top of the line in performance, uptime and ease of use.

A lineup capable of covering 11' 10" through 41' means they can be used in a variety of applications. To ensure satisfactory performance in each application we offer a number of field installed kits that can be added as needed. The kits called out in this document for the new smart model number rotary rakes, will also fit the previous model rotary rakes.



Hay Tools Kits Guide

RK Series Rotary Rakes

700960862- Spare Wheel 16/6.5-8

The spare wheel kit provides the operator with a replacement tire for the rake to replace a failed tire if needed in the field. This ensures downtime is minimal in the event a failure occurs.

When not installed on the machine, the spare wheel kit includes the components necessary to mount the tire out of the way on the rake frame. The tire can be used to replace any of the tires on the rotor dolly.

Compatible with: RK361 DN, RK451 DN, RK451 TR, RK662 SD-TRC, RK772 SD-TRC & RK1254 TRC-PRO



700960867- Spare Wheel 18/8.5-8

The spare wheel kit provides the operator with a replacement tire for the rake to replace a failed tire if needed in the field. This ensures downtime is minimal in the event a failure occurs.

When not installed on the machine, the spare wheel kit includes the components necessary to mount the tire out of the way on the rake frame. The tire can be used to replace any of the tires on the rotor dolly.

Compatible with: RK702 TR-SDX & RK802 TRC-PRO



700963705- Front Wheel Kit 2x16/6.5-8

For customers currently running a RK3879 PRO, we offer a kit to convert the fixed front tandem wheels under the rotor head to a swivel design.

Converting to a swivel design reduces field damage and improves the durability of the tire and wheel assembly. This kit would be suggested for those who are making sharp turns regularly while raking, the center of a pivot for example.

Compatible with: RK3879 PRO- not needed on RK802 TRC-PRO as it is standard





Hay Tools Kits Guide

RK Series Rotary Rakes

71437768- Front Rotor Swath Former

On rakes capable of depositing either single or double swaths, the installation of an additional swath former is necessary. For the RK662 SD-TRC & RK772 SD-TRC a swath former must be added to the front rotor.

When the swath former is down and the baskets are moved apart the rake drops 2 separate windrows. When the swath former is up and the baskets are moved together, the rake drops a single large windrow.

Compatible with: RK662 SD-TRC & RK772 SD-TRC

700963256- Front Rotor Swath Former

On rakes capable of depositing either single or double swaths, the installation of an additional swath former is necessary. For the RK702 TR-SDX a swath former must be added to the front rotor.

When the swath former is down and the rear basket moved to the left, the rake drops 2 separate windrows. When the swath former is up and the rear basket is moved to the right, the rake drops a single large windrow.

Compatible with: RK702 TR-SDX

700963257- Hydraulic Rear Swath Former Operation

Installation of the hydraulic rear swath former operation kit allows the operator to hydraulically raise and lower the rear swath former from the tractor seat.

This allows the operator to quickly and easily convert the rake from transport to working position and vice versa. Installation of this kit will increase the comfort and ease of use of the rake.

Compatible with: RK702 TR-SDX





Hay Tools Kits Guide

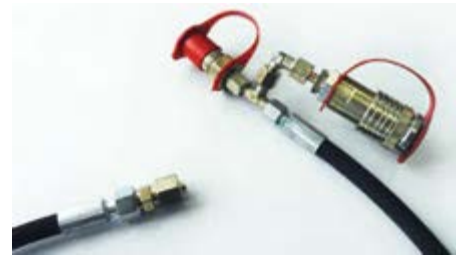
RK Series Rotary Rakes

700960866- Individual Lifting Device

Operators that require the ability to rake with only 1 side of the twin basket RK802 TRC-PRO should install the individual lifting device. This kit allows the operator to rake with only one basket on the ground to clean up field edges or rake around obstacles without impacting windrows already created.

Once installed, the operator can individually control the position of the left and right basket versus controlling them both through a single hydraulic valve. This kit will require 2 single acting hydraulic valves rather than 1 single acting valve as required in standard configuration.

Compatible with: RK802 TRC- PRO





Hay Tools Kits Guide

Wheel Rakes



In addition to our line of rotary rakes, we offer a full line of traditional style wheel rakes. Our wheel rakes can be configured with a working width from as small as 15' to as large as 30'.

Wheel rakes provide producers high capacity at a lower price point and much like the rotary rakes, they can be found on a wide range of types of operations across all of North America.

While wheel rakes are typically a simple tool to setup and utilize, we do offer a number of kits to improve the effectiveness of each model rake for the producers operating them.



Hay Tools Kits Guide

Wheel Rakes

MK31236 & 71482581- Center Kicker Wheel

When utilizing a traditional wheel rake to merge a large amount of material into a windrow, the crop on the ground that goes down the center of the rake will not get turned by the rake wheels. In order to turn this crop in the center of the rake for improved dry down, a center kicker wheel should be installed on the rake as this forces the center crop to get turned and mix with what's being pulled in from the edges.

Compatible with:

MK31236- 1510 and 1512 rake

71482581- 1510S and 1512S Super wheel rake



71440337- Transport Lighting/ Work Light

Installing a transport lighting/ work light kit will improve visibility in transport and field applications during low light conditions.

Many producers who have to rake at night to preserve hay quality need as much visibility to the rake functions as possible. The work light will increase operator comfort and efficiency. While roading the unit, the transport lighting will improve visibility of the rake for others on the road way.

Compatible with: SV415





Hay Tools Kits Guide

Wheel Rakes

MK31250 & MK31251- Center Kicker Wheels-Set of 2

When utilizing a traditional wheel rake to merge a large amount of material into a windrow, the crop on the ground that goes down the center of the rake will not get turned by the rake wheels. In order to turn this crop in the center of the rake for improved dry down, a center kicker wheel should be installed on the rake as this forces the center crop to get turned and mix with what's being pulled in from the edges.

Compatible with:

MK31250- 3983

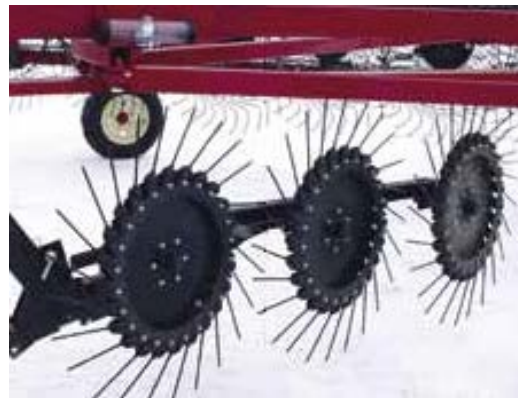
MK31251- 3986



MK31237- 3 Wheel Center Kicker Kit

The 3 wheel center kit functions the same as a traditional center kicker wheel kit, but utilizing 3 kicker wheels instead of 2 increases the working width of the kickers. This ensures that, even when working in the widest operating width depositing the widest swath, all crop from the center of the rake is flipped and mixed for even dry down.

Compatible with: 3986



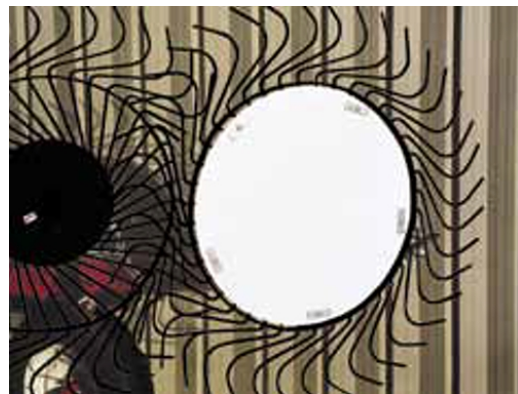
MK31240- Wind Panel Kit

As the rake starts forming windrows and bringing crop to the center of the rake, the windrow gets taller and taller. Once the crop gets up off the ground, and agitated by the rake, it can be caught by wind and blown away creating loss and inconsistent windrows.

Installing wind panels on each rake wheel reduces the chances of wind blowing the windrow which reduces crop loss and leads to consistent windrow formation.

Order 1 wind panel kit per rake wheel.

Compatible with: 3983 & 3986





Hay Tools Kits Guide

Wheel Rakes

MK31238- Walking Beam Rear Wheels

For improved stability in rough terrain or for operators frequently crossing pivot tracks, the walking beam rear wheels kit should be installed. The walking beam design effectively minimizes the impact of these field hazards so that rake wheels can easily gather all crop while maximizing rake wheel service life.

This kit includes the walking beam axle, two spindles, two hubs, two wheels and two tires.

Compatible with: 3983

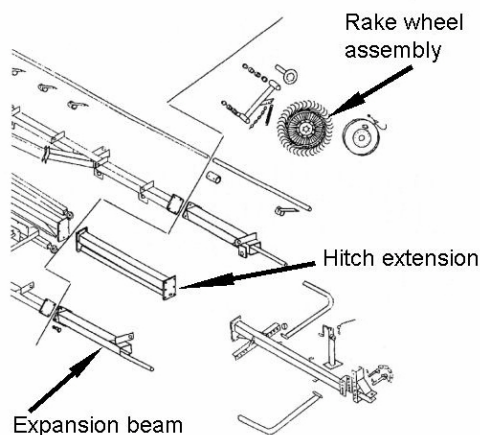


MK31241- 2 Wheel Expansion Kit

If producers require additional working width for increased capacity or for creating larger windrows, the 2 wheel expansion kit should be installed giving the 3986 16 raking wheels total. Adding 2 wheels increases the working width by 4 feet allowing the 3986 to rake up to 32 feet in a single pass.

This kit includes two expansion beams, two complete rake wheel assemblies and a hitch extension. It is recommended to install the side support gauge wheels kit in addition to the additional raking wheels.

Compatible with: 3986

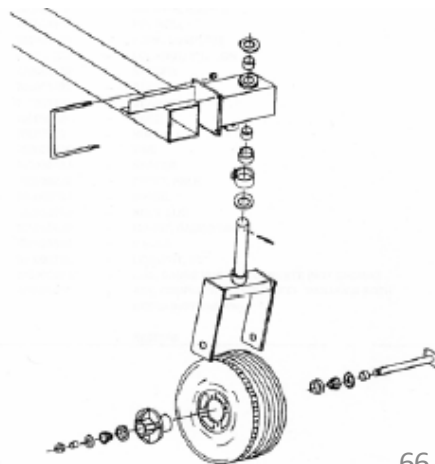


MK31239- Side Support Gauge Wheels- Set of 2

The 14 wheel 3986 rake can be equipped with an additional set of side support gauge wheels. These gauge wheels mount out on each of the rake wings and improve the stability of the rake in rough ground improving raking performance while maximizing rake wheel service life.

The gauge wheel kit can be paired with the 2 wheel expansion kit to better support the additional rake wheels.

Compatible with: 3986





Hay Tools Kits Guide

Wheel Rakes

700738878- 2 Wheel Front Extension Kit

The standard configuration of the 5130 rake provides 8 rake wheels on the left beam, and 9 rake wheels on the right beam delivering a working width of 30' 3".

In order to increase the working width of the 5130 rake to meet the needs of large scale operations that need to quickly cover many acres, or merge more crop for late season baling, the 2 wheel front extension kit should be installed.

This places an additional rake wheel at the front of each rake beam giving 19 wheels total and a total working width of 33' 3". This kit can be installed with the single rear wheel extension kit making a 20 wheel rake capable of 34' 3".

Compatible with: 5130



700738879- 1 Wheel Rear Extension Kit

The standard configuration of the 5130 rake provides 8 rake wheels on the left beam, and 9 rake wheels on the right beam delivering a working width of 30' 3".

An optional single rear wheel extension kit can be added to the rake providing an 18 wheel configuration capable of a working width as wide as 31' 3". This increase in working width can offer producers an increase in capacity with minimal cost.

The single rear wheel extension kit can be installed in addition to the 2 wheel front extension kit which would create a 20 wheel rake capable of a 34' 3" working width.

Compatible with: 5130





Hay Tools Kits Guide

Round Balers



Round baling operations can be found in all areas of North America and represent the largest baler segment in the agriculture industry. Depending on the area of the country and the crops present, round balers may be utilized for baling premium quality haylage for dairies, dry hay production in a number of different alfalfa or grass hay crops or in a residue management application for packaging straw or stover.

In order to meet this wide range of needs, we offer the 1700 Series of economy round balers and the 2900 Series of premium balers. While the base units are more than capable of a wide range of applications, selection of the proper kits will enhance performance to ensure capacity and bale quality exceed the customer expectations.



Hay Tools Kits Guide

1700 & 2900 Round Balers

MK51249- Switch Power Harness

The mesh wrap cycle requires significant electrical power from the tractor. In some cases the draw can be too much for the tractor resulting in blown fuses during the tie cycle if the baler monitor is powered through the 3 prong in cab electrical plug.

In order to power the monitor and baler on these tractors, a switch power harness should be utilized. The switch power harness provides power to the monitor directly from the battery with a switch to turn the monitor on and off. A 30 amp fuse is integrated for system protection. This ensures adequate electrical power is always available.

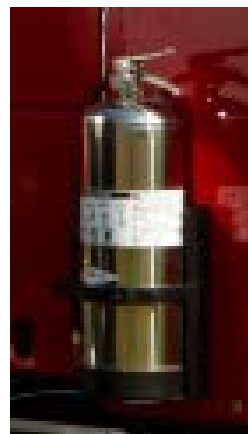


Compatible with: 1745 & all 2900 balers

MKD50556- Fire Extinguisher

Due to the flammable nature of hay crops, it is advised to purchase a fire extinguisher and mount it in a convenient, easily accessible location on the baler.

The kit includes a stored pressure design, 2.5 gallon, polished stainless steel cylinder water fire extinguisher with a mounting bracket and all hardware required to mount the extinguisher on the baler. The actual mounting location will depend on the specific baler it is being installed on.



Compatible with: 1734, 1745 & All 2900 balers



Hay Tools Kits Guide

1700 Series Round Balers

MKD50641- Bale Ramp Kit

Installation of the bale ramp kit allows the operator to eject a bale without having to reverse the tractor prior to ejection. The bale rolls down the ramp and away from the baler tailgate. Once the bale has cleared the ramp, the ramp springs up to hold the bale away while the tailgate closes. The kit increases efficiency as well as ease of use.

The kit includes both left and right side ramps as well as all hardware to mount the ramps to the baler.

Compatible with: 1734



MKD51156- Gathering Wheels

In order to increase the working width of the pickup assembly on the 1734, the gathering wheels kit should be installed. Once installed it will be easier for the operator to feed in larger windrows increasing baler capacity as well as ease of use.

The kit includes a left and right side gathering wheel assembly, as well as all hardware required to install the wheels on the baler. Gathering wheel position can be adjusted to achieve the desired performance.

Compatible with: 1734





Hay Tools Kits Guide

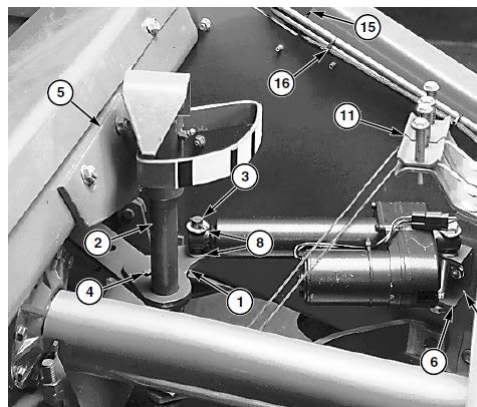
1700 Series Round Balers

MKD51065- Electric Threader Kit

Producers looking to further increase the ease of use on the 1734 baler should install the electric threader kit. The electric threader kit replaces the standard pull rope mechanism that controls the twine arm with an electric actuator. This allows the operator to use a switch in the operator seat to control twine arm position for placing twine on the bale. Twine arm location is still determined by the gauge that is standard on the baler.

The kit includes the twine arm actuator, the wiring harness with switch and all hardware to install the kit.

Compatible with: 1734



MK51266- Gathering Wheels

In order to increase the working width of the pickup assembly on the 1745, the gathering wheels kit should be installed. Once installed it will be easier for the operator to feed in larger windrows increasing baler capacity as well as ease of use.

The kit includes a left and right side gathering wheel assembly, as well as all hardware required to install the wheels on the baler. Gathering wheel position can be adjusted to achieve the desired performance.

Compatible with: 1745





Hay Tools Kits Guide

1700 Series Round Balers

MK51270- Bale Ramp Kit

Installation of the bale ramp kit allows the operator to eject a bale without having to reverse the tractor prior to ejection. The bale rolls down the ramp and away from the baler tailgate. Once the bale has cleared the ramp, the ramp springs up to hold the bale away while the tailgate closes. The kit increases efficiency as well as ease of use. Typically, ramps are utilized for flat land operations.

The kit includes a ramp as well as all hardware to mount the ramp to the baler. A ramp cannot be used if the baler is equipped with a kicker assembly.

Compatible with: 1745

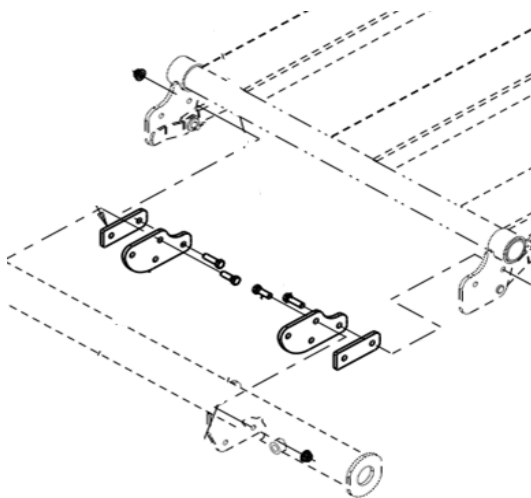


700173453- Bale Ramp Drop Kit- Parts

1745s equipped with a bale ramp should also utilize a ramp drop kit. The ramp drop kit lowers the position of the bale ramp relative to the chamber and includes wedges for the tailgate that improve bale ejection.

Bale ramp kit# MK51270 order placed in the fall of 2016 or later will include the drop kit, but units already in the field with bale ramps installed prior to fall of 2016 should have the bale ramp drop kits installed for optimal performance.

Compatible with: 1745 balers equipped with a ramp





Hay Tools Kits Guide

1700 Series Round Balers

700957454M-Hydraulic Kicker Kit

Balers equipped with the deluxe auto tie controller can be equipped with a hydraulic kicker kit. The addition of the kicker kit enhances bale ejection as the operator can eject a bale without stopping and reversing before ejection. A kicker can be utilized in a wide range of operations, from flat land to rolling terrain.

After the bale drops out of the baler, the kicker hydraulically extends to gently push the bale away and hold it away while the tailgate closes. The kicker is operated as a part of the tailgate raise and lower hydraulic functions and it may be turned on and off from the deluxe auto tie controller if needed.

The kit includes the kicker assembly, hydraulic actuating components and all hardware required to install the kit. The kicker cannot be installed on balers equipped with a bale ramp.

Compatible with: 1745

700959483M-Mesh Wrap Kit

Balers equipped with the deluxe auto tie controller can be equipped with a mesh wrap kit. Utilizing mesh as a bale wrapping method will offer the producer a number of benefits such as increased productivity and efficiency while enhancing bale quality.

Once installed, the operator can select either twine or mesh wrapping for the bales. If mesh is selected they can dial in the amount of mesh placed on the bale or choose to manually wrap bales.

The kit includes all of the items required to add mesh wrap to a baler in the field that does not currently have the capability.

Compatible with: 1745





Hay Tools Kits Guide

1700 Series Round Balers

MKD51092- Bale Counter

Addition of a bale counter kit provides the operator with a quick means of determining how many bales the baler has produced since the counter was last reset. The counter can be reset as needed to give the operator the ability to keep track of specific fields or jobs.

A flap is installed on the bale size indicator arm which trips the counter each time a full bale is reached. The kit includes the counter, flap for the size indicator and all hardware required to install the kit.

Compatible with: 1745



MKD51159- Starting Roll Scraper

When operating the baler in higher moisture applications, crop can have a tendency to build up and wrap around the main rollers in the chamber.

In order to reduce this build up and improve performance in higher moisture crops, the starting roll scraper should be installed. Adding the scraper to the starting roll reduces the crop build up on the starting roll for improved performance and reduced down time associated with built up crop.

The kit includes the scraper assembly and all hardware required to install it in the baler. Scraper position is adjustable so that the scraper can be positioned close enough to work as intended without contacting the starting roll.

Compatible with: 1745





Hay Tools Kits Guide

1700 Series Round Balers

700957455M- Bale Shape Kit

Adding a bale shape kit to the 1745 provides operators with information related to how the bale is building in the chamber. This allows operators to easily and consistently create square shouldered bales for simplified stacking, transport and storage. The kit is primarily to increase ease of use and will benefit those looking to create quality bales.

The shape sensors provide driving lights through the deluxe auto tie controller based on belt tension measured from the top side of the tailgate. A deluxe auto tie controller is required for installation. The kit includes a left and right shape sensor, the required wiring harnesses and hardware needed to install the kit.

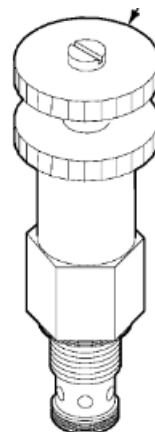


Compatible with: 1745

700724299- Adjustable Density Valve- Parts

In standard configuration the hydraulic bale tension is fixed in the 1745 baler. For operations that need to produce a lighter bale, an adjustable density valve is offered through Parts that allows the operator to adjust the hydraulic tension on the bale which alters bale weights.

Installation of the valve is simple; remove the standard non adjustable valve from the block on the left side of the baler and install the adjustable valve. Increasing bale tension is done by tightening the valve, reducing tension is done through loosening the valve.



Compatible with: 1745



Hay Tools Kits Guide

2900 Series Round Balers

PTO Speed Conversion

2900 Series balers provide the unique ability to easily convert PTO speeds once in the field. This allows dealers to stock balers in the PTO speed common for their area and easily convert as needed to meet the needs of a one off customer. Additionally this improves resale options of the baler.

To convert PTO speeds 2 steps must be completed. The main gearbox must be oriented correctly for the desired input speed and the tractor PTO shaft coupling should be properly setup. Orienting the gearbox is as simple as flipping the gearbox on the mount to 1 of 2 directions.

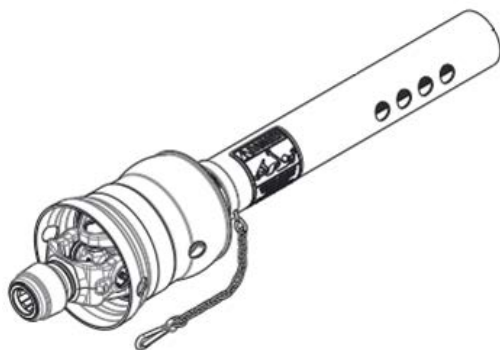
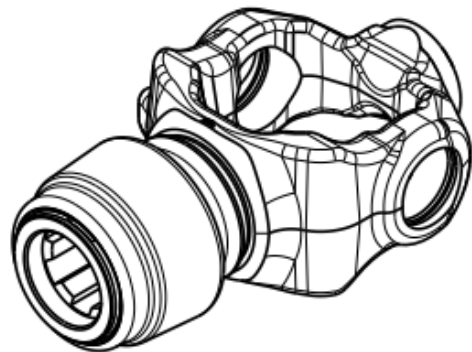
Complete the following changes to the tractor side of the PTO shaft for proper hook up:

1000 PTO RPM to 540 PTO RPM

- Replace the 1000 RPM shaft front half with 540 front half available through Parts, part# 700733687
- OR use the 1000 RPM front half but replace the 1000 yoke with 540 yoke part# 700733693 from Parts.

540 PTO RPM to PTO RPM

- Replace the 540 RPM shaft front half with 1-3/8" 21 spline 1000 RPM front half available from Parts, part# 700733688
- OR use the 540 RPM front half but replace the 540 yoke with 1-3/8" 21 spline yoke part# 700733694
- If a 1-3/4" 20 spline connection is needed, install yoke part# 700733702



700957986M- C1000 Monitor

In order to control baler functions from the tractor cab, an ISOBUS monitor is required. Selection of the C1000 monitor will provide operators with an easy to use 7" color screen monitor that utilizes a scroll wheel and soft keys for control.

The C1000 kit provides the terminal, a RAM mount and the required harnesses to power and connect the monitor to the baler. A field installed monitor is not required if the baler is being hooked to a tractor already equipped with an integrated ISOBUS terminal.





Hay Tools Kits Guide

2900 Series Round Balers

700957930M- Bale Kicker Kit

The addition of the kicker kit enhances bale ejection as the operator can eject a bale without stopping and backing up before ejection. A kicker can be utilized in a wide range of operations, from flat land to rolling terrain.

After the bale drops out of the baler, the kicker hydraulically extends to gently push the bale away and hold it away while the tailgate closes. The kicker is operated as a part of the tailgate raise and lower hydraulic functions and it may be turned on and off from the monitor if needed. Kicker position information is provided through the monitor.

The kit includes the kicker assembly, hydraulic actuating components and all hardware required to install the kit. The kicker cannot be installed on balers equipped with a bale ramp.

Compatible with: All 2900 balers



700959586M- Bale Ramp Kit

Installation of the bale ramp kit allows the operator to eject a bale without having to reverse the tractor prior to ejection. The bale rolls down the ramp and away from the baler tailgate. Once the bale has cleared the ramp, the ramp springs up to hold the bale away while the tailgate closes. Ramp position information is provided through the monitor so the operator can tell how the process is progressing.

The kit increases efficiency as well as ease of use. Typically, ramps are utilized for flat land operations.

The kit includes a ramp as well as all hardware to mount the ramp to the baler. A ramp cannot be used if the baler is equipped with a kicker assembly.

Compatible with: All 2900 balers





Hay Tools Kits Guide

2900 Series Round Balers

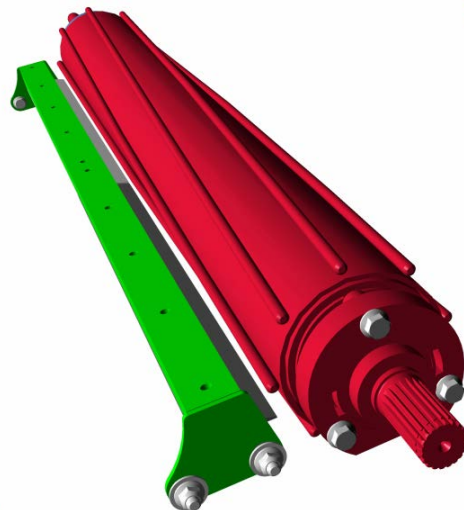
700958056M & 700958057M- Silage Kit

When operating the baler in higher moisture applications, crop can have a tendency to build up and wrap around the main rollers in the chamber.

In order to reduce this build up and improve performance and uptime in higher moisture crops, the silage kit should be installed. The silage kit adds a scraper with knife edge to the starting roll and scraper bars for the 2 floor rolls in the tailgate which carry the bale and have the highest chance of material buildup.

The kit includes the scraper assemblies and all hardware required to install it in the baler. Scraper position is adjustable so that the scraper can be positioned close enough to work as intended without contacting the rolls.

700958056M- 2946/2946A & 700958057M- 2956/2956A



700958129M & 700958130M- Soft Core Bale Kit

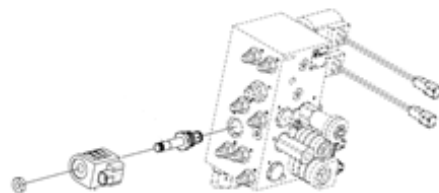
The quad hydraulic cylinder density system on the 2900 baler allows variable pressure during bale formation. Installation of a soft core kit allows the baler to reduce tension (1300 or 1400 PSI) on the bale during core formation and then return to standard pressure (2900 PSI) in the outer shell formation.

The soft core kit should be used to produce lighter baler if an operation requires it or to build bales with a core that is easier to pull apart when feeding livestock. Additionally, the soft core kit can aide in starting bales as it slacks the belts enough to create the core, a soft core can also benefit in slightly higher moisture baling as it promotes airflow through the core to reduce spoilage. The soft core functionality can be engaged and disengaged through the monitor and soft core size can be varied up to 6" less than the desired bale size.

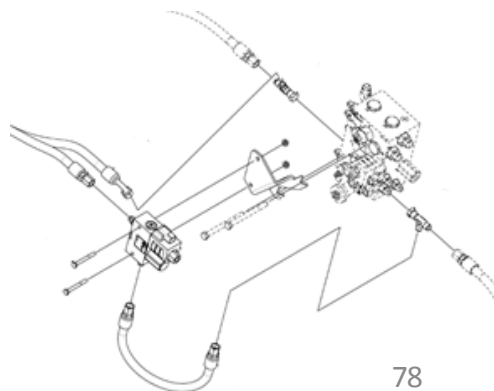
Auto-Tie and Auto-Cycle balers require different kits but both kits include all items to install the soft core function on the 2900 valve block.

700958130M- 2946A/ 2956A & 700958129M- 2946/2956

700958130M



700958129M





Hay Tools Kits Guide

2900 Series Round Balers

700958062M- Twine Tie Addition Kit

2900 balers can be ordered less twine tie meaning they only have a mesh wrap system on the baler. If a customer needs to add twine tie to a baler not equipped with it in the field, the twine tie addition kit should be installed.

The twine tie addition kit includes all of the components to get the twine tie system on a baler. Twine tie options are integrated into the C1000 monitor so the operator can choose the amount of twine applied to the bale to match customer and crop requirements. Adding a twine tie system to a mesh baler also provides a back up tie option in case the mesh system has a failure or runs out of mesh.

Compatible with: All 2900 balers

700959490M & 700959492M- Mesh Wrap Kit

2900 balers can be ordered less mesh wrap meaning they only have a twine tie system on the baler. Typically this is done to reach an economical price point. If mesh wrap needs to be added to a twine only baler in the field, the mesh wrap kit should be installed.

Utilizing mesh as a bale wrapping method will offer the producer a number of benefits such as increased productivity and efficiency while enhancing bale quality. Once installed, the operator can select either twine or mesh wrapping for the bales. If mesh is selected they can dial in the amount of mesh placed on the bale or choose to manually wrap bales.

The kit includes all of the items required to add mesh wrap to a baler in the field that does not currently have the capability.

700959490M- 2946/2946A & 700959492M- 2956/2956A





Hay Tools Kits Guide

2900 Series Round Balers

700958020M- Work Light Kit

Producers spending a large amount of time operating in low light and no light conditions should install the light kit. The light kit will provide additional light to important areas on the baler for easier service and reduced down time.

The light kit provides a single light that can be installed in 1 of 3 places, in the mesh wrap area for mesh reloads and either inside the left or right hand side service doors. Up to 3 light kits can be installed on the baler at once. The light turns on when the door is opened and off when the door is closed. Tractor work lights must be on to activate the baler work light kit.



The kit includes a single halogen work light, on/ off switches, mounting brackets with electrical harness and all required hardware.

Compatible with: All 2900 balers

700958016M & 700958018M- Short Crop Kit

When baling in fine, short crops such as late season grass hays or rotary combine straw, it will be necessary to install a short crop kit.

A short crop kit includes a filler plate that mounts behind the starting roll, above the stuffer assembly. This filler plate provides additional area for the bale to sit on while being formed and closes the throat gap slightly to reduce the area for crop to fall out of the chamber. The filler plate should be removed when baling in normal hay crops so capacity and performance are not adversely impacted.

The kit includes the filler plate, brackets and hardware required to mount in the baler.



700958016M- 2946/2946A & 700958018M- 2956/2956A



Hay Tools Kits Guide

2900 Series Round Balers

700961568M & 700961569M - Solid Windguard

2900 balers can be utilized in a wide range of crops. Some crops such as straw or corn stover can present feeding issues due to their slick, fluffy, extremely dry characteristics.

In order to build a consistent crop mat in these light, fluffy crops, a solid windguard is suggested. The solid windguard will lightly compress and control the crop mat all the way to the forming belts. While the solid windguard is effective in residue crops, it can also be utilized for traditional hay crops.

The windguard has multiple adjustments so that position can be tailored to windrow size for optimal performance. The solid windguard is used in lieu of the standard rod windguard, and it's suggested to install a roller.

700961568M- 2946/2946A & 700961569M- 2956/2956A

700961570M & 700961571M – Roller Windguard

Balers equipped with a solid windguard kit should be equipped with a roller attachment. The roller attachment helps large fluffy windrows feed under the solid windguard to build a consistent crop mat.

The roller attachment includes a number of position adjustments so that the operator can properly set the roller position to the windrow size. When adjusted properly the roller should make slight contact with the top of the windrow and lightly compress the crop, it should not be adjusted down so that it hinders crop flow.

The kit includes the roller, bearings, mounting brackets and all hardware required to mount the roller on a solid windguard.

700961570M- 2946/2946A & 700961571M- 2956/2956A

**requires baler be equipped with solid windguard*





Hay Tools Kits Guide

2900 Series Round Balers

MK51018- Remote Start Switch

The operator can manually start a tie cycle on the 2900 round balers through 1 of 2 options. The tie cycle can be started by pressing the cycle button available in the monitor or by adding the remote start switch kit.

The remote start switch kit provides the operator with an easy access hard button they can press to start the tie cycle. It is suggested to fasten the switch to the seat armrest or an in cab hydraulic lever. This will improve the ease of use and comfort of the baler for those that desire to manually start tie cycles rather than letting the baler do so automatically.

The kit includes the harness with switch that will plug into the monitor harness. The switch cannot be used if the baler is being operated through a tractor integrated ISO monitor.

Compatible with: All 2900 balers





Hay Tools Kits Guide

1800 Series Small/ Medium Square Balers



Small square bale production can be found in a wide array of operations, from hobby and cattle farms in the southeast to large scale commercial producers in the southwest. The 1800 Series Hesston small square balers offer each of these producers an industry leading baler designed to maximize performance and profit through our exclusive inline design.

The 1836, 1838 & 1840 are the 3 balers offered in the most common 2 string 14' x 18" bale size. The 1842 produces a slightly larger 16" x 18" 2 string bale. The 2 models in the 1844 line both produce substantially larger 15" or 16" x 22" 3 string bales.

Each of these balers offer a number of kits that allow them to be custom fit to each operations requirements.



Hay Tools Kits Guide

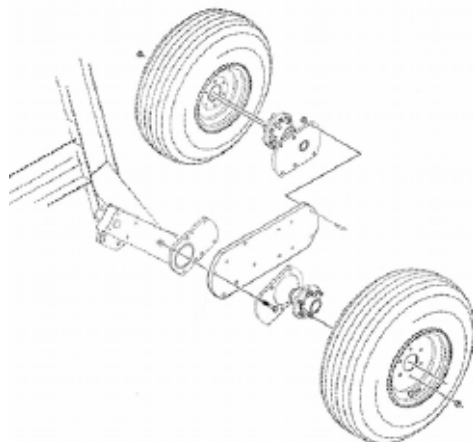
1844N/S Medium Square Balers

MK41222- Tandem Wheel Kit

Producers operating the 1844 baler in rough terrain, such as on pivot or border irrigated fields, should install the tandem wheel kit for improved baler ride. Utilizing tandem wheels will reduce the shock to the baler as these rough bumps are encountered. Tandem wheels will also improve the ride of the baler when moving at transport speeds.

The kit includes a set of extension plates for mounting, a set of new hubs, a set of new tires and all the hardware required to mount the kit. This kit will be installed in addition to existing components.

Compatible with: 1844N & 1844S



700963265M- Clevis Hitch Kit

Standard configuration of the 1844 baler includes a 2-5/16" ball hitch. Producers looking to utilize a more traditional agricultural style hitch should install the clevis hitch kit.

This will simplify and speed up the baler hook up process as the operator no longer has to install a hitch ball on the tractor drawbar and then attach the baler.

Once installed, this kit replaces the standard hitch. The kit includes the new clevis hitch and all hardware required to mount it.

Compatible with: 1844N & 1844S





Hay Tools Kits Guide

1800 Series Small/ Medium Square Balers

MKD40416- Bale Chute

The rear of the baler should be equipped with some form of a bale chute so that bales are consistently dropped in the field, or fed into trailed equipment. This bale chute kit provides an economical flat bale chute that allows bales to gently drop off the back side of the baler and lays the cut side on the ground.

Chute angle can be adjusted via chains so bale delivery can be matched to bale size and production needs. The kit includes the chute, adjustment chains and all hardware needed to mount the chute.

Compatible with: 1836, 1838, 1840 & 1842



MKD40417- Bale Chute Extension

This kit can be used in any application where the standard bale chute length is not sufficient, such as stacking bales on trailed wagons. The additional chute length provided by the bale chute extension kit will give operators the additional chute length that they need to get bales from the baler to the wagon.

This extension mounts to the flat bale chute from kit MKD40416 and includes chains to allow adjustment of the delivery angle as well as all mounting hardware.

Compatible with: 1836, 1838, 1840 & 1842 balers equipped with MKD40416





Hay Tools Kits Guide

1800 Series Small/ Medium Square Balers

MKD50391- Quarter Turn Bale Chute

Operations utilizing bale gathering options such as bale wagons need the bales dropped so that the twines are up off of the ground. This positioning allows the bales to feed into the bale wagon for proper function.

In order to correctly position these bales, a quarter turn bale chute should be installed. The quarter turn chute forces the bale to rotate a quarter turn before landing on the ground. For proper positioning of the bale, the chute is adjustable for the size of bale and the angle of delivery so the bale doesn't over rotate.

The kit includes the quarter turn chute components, adjustment chains and all hardware to mount on the baler.

Compatible with: 1836, 1838, 1840 & 1842



700963614M & 700963615M- Bale Thrower

Equipping a baler with a bale thrower kit causes a finished bale to be propelled rearward through the air. The intent is to aide in stacking or filling trailed wagons.

An additional hydraulic pump and reservoir are installed to drive a set of belts at the rear of the bale chamber. Belt speed can be adjusted to control how far the bale is propelled. The angle of the thrower can also be hydraulically adjusted to accommodate for turns. If the operator does not want to propel bales rearward, a door on the bottom of the thrower can be opened to allow bales to drop on the ground with the cut side down.

The kit includes a hydraulic pump and reservoir, drive components, electrical & hydraulic lines, the thrower assembly and all hardware required to install the thrower.



700963615M- 1836 & 1838, 700963614M- 1840



Hay Tools Kits Guide

1800 Series Small/ Medium Square Balers

700962517M-Hydraulic Bale Tension

The hydraulic tension system provides quick, easy and repeatable bale tension adjustment through an adjustment knob at the front of the baler. Hydraulic tension will remain consistent over time reducing the need to adjust tension. This kit replaces the standard tension springs on the bale chamber with a hydraulic system.

The kit includes the hydraulic pump, pressure gauge, drive components, hydraulic lines, hydraulic cylinder and all hardware required to mount the kit.

Compatible with: 1836, 1838 & 1840



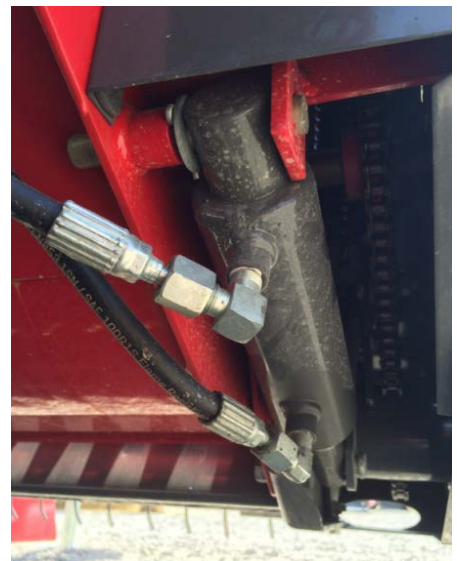
MKD40555- Hydraulic Pickup Lift

The hydraulic pickup lift kit should be installed for operators looking for maximum ease of use or in applications where the pickup assembly needs to be raised and lowered frequently for transport.

The hydraulic pickup lift replaces the function of the standard threaded rod used to set pickup height with the ability to raise and lower the pickup from the operator seat. The threaded rod still determines the working height when the pickup is lowered.

The kit includes the hydraulic lift cylinder, hydraulic lines and all hardware required for installation. When using this kit, a double acting tractor valve is required.

Compatible with: 1836, 1838 & 1840





Hay Tools Kits Guide

1800 Series Small/ Medium Square Balers

700963604M- Knotter Blower/ Light Harness

In order to utilize the field installed reversing knotter blower or field light kit, the baler must first be equipped with the knotter blower/ light harness kit. This will provide all of the necessary electrical connections and hardware to install those kits.

The kit includes all required harnessing, a timer module for the knotter fan and all hardware needed to route the harness through the baler. A plug into the tractor is not included, this must be wired in based on the tractor to be hooked to the baler.

Compatible with: 1836, 1838, 1840 & 1842*

**Part# 700190242 is required if installing the harness on an 1842.*

This harness is already included on 2017 and newer balers equipped with a factory knotter blower. Only required on prior model year balers or 2017 balers without factory knotter fan that wish to utilize kit 700963603M, or 700961868M.



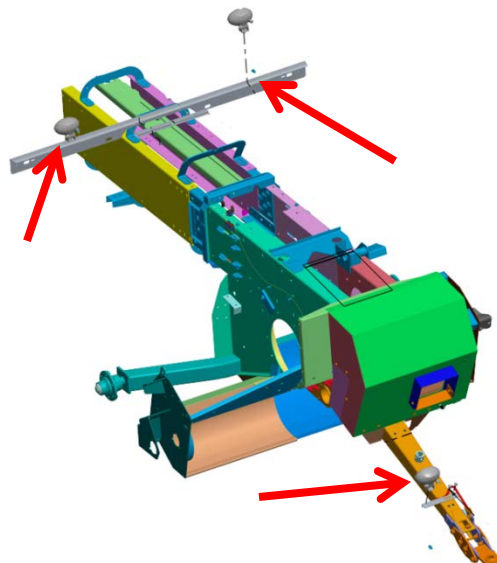
700963603M- Field Light Kit

Operations baling at night will require additional work lighting to have the visibility needed to effectively bale. In order to increase the visibility around the baler in low light/ no light situations the field light kit should be installed.

Once installed, the kit will provide 2 rear facing work lights mounted on a bar at the rear of the chamber as well as a work light mounted on the baler tongue designed to increase visibility to the baler pickup. A switch located on the front of the baler provides quick access to the lighting package.

The kit includes 3 work lights, mounting brackets, required harnesses and hardware needed for installation.

Compatible with: 1836, 1838, 1840 & 1842 equipped with kit# 700963604M





Hay Tools Kits Guide

1800 Series Small/ Medium Square Balers

700961868M- Knotter Blower Kit

An industry exclusive feature for the 1800 Series balers is the ability to utilize a knotter blower fan. The knotter blower fan continuously blows air over the knotter stack so that dust and chaff cannot accumulate on the knotters.

Keeping the knotters clean during operation will reduce the chances of miss tied bales increasing uptime, while improving the longevity of the knotter components as foreign material cannot easily penetrate to create wear. To ensure a long service life of the fan motor, the fan will automatically reverse every 15 minutes to blow material off of the fan screen, then return to the normal operating direction.

The kit includes the fan assembly as well as the harness and hardware required for installation.

Compatible with: 1836, 1838 & 1840 balers equipped with harness kit 700963604M.

**Prior version knotter blowers will not reverse. Reversing is only possible when harness 700963604 is utilized.*

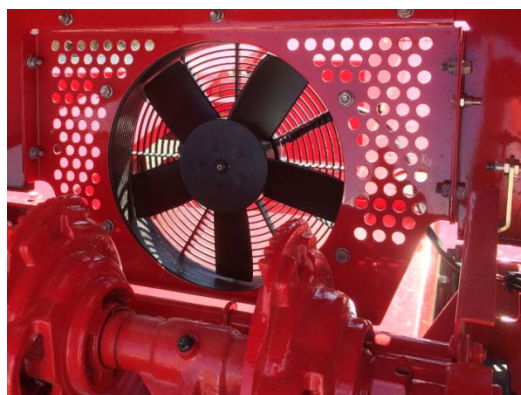
700961890M- Wagon Hitch

Many bale gathering options are designed to be trailed behind the baler while operating in the field. In order to hook these options to the baler, a wagon hitch kit is required. The inline baler design makes the 1800 Series the superior choice for pulling trailed implements as all hitching points run in line with the tractor drawbar.

The wagon hitch kit is secured to the axle and the bottom side of the bale chamber. A hitching point is provided under the back of the chamber and can be extended as needed to fit the trailed implement.

The kit provides the hitch components and all hardware required to the mount the hitch to the baler.

Compatible with: 1836, 1838 & 1840





Hay Tools Kits Guide

1800 Series Small/ Medium Square Balers

ACW2775780 & MKD40582- Knotter Lubrication System

For improved ease of use and a simplified service regiment, the knotter lubrication system should be installed. Once installed, the knotter lubrication system will route lube lines to the 6 grease zerks on each knotter (12 total). By operating the manual pump included with the kit, the operator can lube all knotter zerks at once.

This speeds up the lubing process and will likely extend the life of the knotters as the operator will be more apt to keep the knotters lubed. The lube reservoir (1842- oil, 1836, 1838, 1840- grease) and pump are conveniently located near the knotters, so each time the operator has to go to the rear of the baler they can quickly access the lube system.

The kit includes an lube reservoir (1842- oil, 1836, 1838, 1840- grease), manual pump, lube lines and all hardware required to mount the kit.

ACW2775780M- 1836, 1838, 1840 & MKD40582- 1842

ACW2924670M & ACW2933300M Tool-Less Bale Length Adjustment

Operators may find themselves making bale length adjustments frequently as crop conditions change. Historically making the adjustment required the operator to use a 9/16" wrench to make the adjustment, which also meant they had to keep track of this wrench in the field.

Installation of the tool-less bale length adjustment kit provides the operator a quick, simple and repeatable means of altering bale length without the need to keep track of hand tools. Bale length is adjusted by a hand turned knob.

Model year 2018 and newer 1836, 1838, 1840 & 1842 balers are equipped with this standard from the factory. This kit is designed to retrofit onto older balers and includes everything required to convert from traditional to tool-less adjustment.

ACW2924670M- 1836, 1838,1840 & ACW2933300M- 1842

ACW2775780M



MKD40582





Hay Tools Kits Guide

2200 Series Large Square Balers



Almost 40 years ago, Hesston introduced the first large square baler and created the entire large square baling market. During the last 40 years, large square balers have made their way onto numerous farms, from large scale dairy operations producing silage hay, to those putting up high quality alfalfa for the overseas export market or operations finding value in baling off their grain crop's residue.

In order to accommodate the requirements of these wide range of operations, the 2200 Series includes 4 balers in 3 bale sizes. Beyond that, the balers can be fitted with an array of field installed kits that allow the baler to be tailored to each operation so that performance, uptime and profits are maximized.



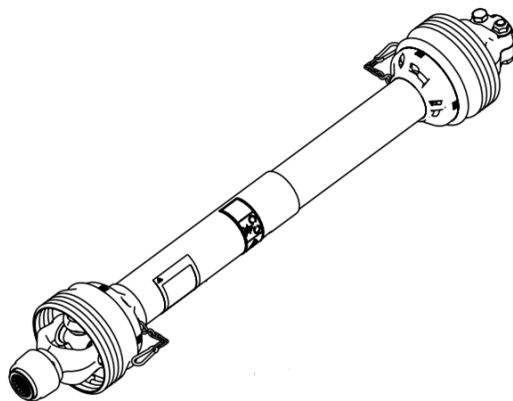
Hay Tools Kits Guide

2200 Series Large Square Balers

MK41290, MK41213 & 700958792M- Drive Line- Required Pick

A drive line kit is a required item on any large square baler. The drive line transfers power from the tractor to the baler.

The kit includes a complete universal joint shaft for installation on the baler. For maximum drive line life and turning radius it is imperative to properly set the angle of the first shaft to have equal 169 degree angles on the first and second u-joints. All balers except the 2270XD have an 1-3/8" 21 spline or 1-3/4" 20 spline option to match the balers to a customers tractor. The 2270XD requires a heavy duty 1-3/4" 20 spline shaft to handle the heavier loads from the baler.



700957986M- C1000 Monitor

In order to control baler functions from the tractor cab, an ISOBUS monitor is required. Selection of the C1000 monitor will provide operators with an easy to use 7" color screen monitor that utilizes a scroll wheel and soft keys for control.

The C1000 kit provides the terminal, a RAM mount and the required harnesses to power and connect the monitor to the baler. A field installed monitor is not required if the baler is being hooked to a tractor already equipped with an integrated ISOBUS terminal.



700959598M- C2100 Monitor

In order to control baler functions from the tractor cab, an ISOBUS monitor is required. Selection of the C2100 monitor will provide operators with a 12.1" color touch screen monitor. The C2100 provides an easier to see and navigate terminal for those looking to increase comfort and ease of use.

The C2100 kit provides the terminal, a RAM mount and the required harnesses to power and connect the monitor to the baler. A field installed monitor is not required if the baler is being hooked to a tractor already equipped with an integrated ISOBUS terminal.





Hay Tools Kits Guide

2200 Series Large Square Balers

700960668M- Module Kit

The module kit must be installed first if a producer wishes to add the electronic knotter trip kit or bale weight scales to a baler. These kits can increase the ease of use of the baler and information available to the operator, but they also increase the electronic requirements on the system.

Adding the module kit provides the baler with the electronic capacity required to gather and transmit this additional information into the monitor for the operator to view and adjust.

The kit includes module and hardware required for mounting. The module harness is already installed on 2012 and newer balers. Only 1 module kit is required per baler and is capable of handling a scale and knotter trip kit simultaneously.

Compatible with: All 2200 Series balers

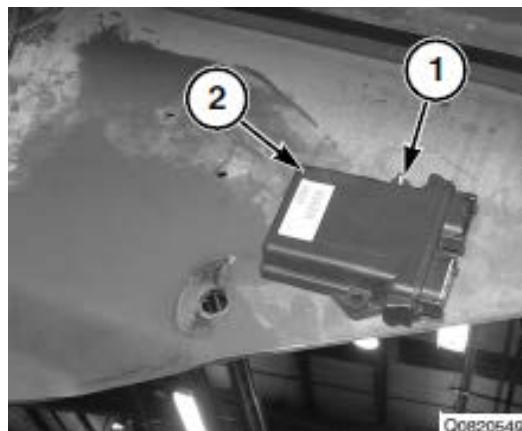
700960798M, 700960800M & 700960801M- Bale Weight Kit

The ability to receive real time bale weights can be valuable information for certain operations. Adding a bale weight kit to a baler allows the operator to view bale weights on each bale as it is dropped or to record “job” data that provides additional information such as average bale weights from a field or total bale weights during a specified time.

The bale weight kit provides a pair of load cells that mount between the bale chamber and roller bale chute that read the weight. The information is then displayed in the monitor for the operator to view. A calibration process is required for proper function.

The kit requires a roller bale chute and a module kit be installed on the baler, not compatible with an accumulator.

700960798M- 2290, 700960800M- 2270/2270XD,
700960801M- 2250





Hay Tools Kits Guide

2200 Series Large Square Balers

700964017M-Electronic Knotter Trip Kit

Operators who frequently get out to adjust bale length or manually trip the knotters for a tie cycle should install the electronic knotter trip kit. Once installed, this kit allows the operator to select bale length through the monitor, as well as manually start a tie cycle through the monitor enhancing ease of use and comfort.

Additionally, the electronic trip kit is designed to constantly measure the size of the bale as it is built. Over time, the kit can lead to increased bale length consistency as the software creates an average flake size and may start a tie cycle early if it determines the next flake will produce an over length bale. This system will start a tie cycle as close to the desired bale length as possible.

The kit includes all of the components to convert the standard mechanical linkage system over to an electronic system. The baler must be equipped with a module kit prior to installation.

Compatible with: All 2200 Series balers

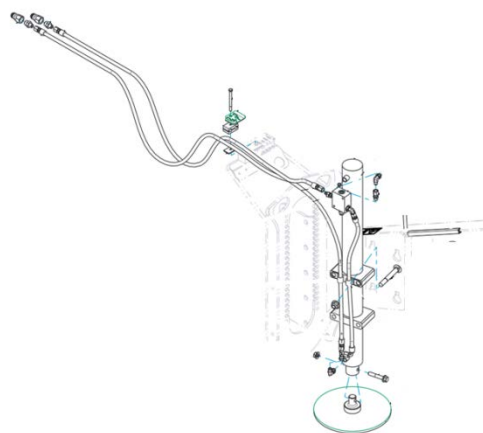
700960673M-Hydraulic Jack Kit

In order to simplify and make the hooking and unhooking process easier, the hydraulic jack kit can be installed. The hydraulic jack kit replaces the standard manually operated jack with a jack powered by the tractor hydraulics.

This allows the operator to raise and lower the tongue of the baler from the operator seat.

The kit includes all components to convert the baler from a standard jack to a hydraulic jack. Adding a hydraulic jack kit will require an additional double acting tractor remote.

Compatible with: All 2200 Series balers





Hay Tools Kits Guide

2200 Series Large Square Balers

700960976M, 700960977M & 700960978M- Roller Bale Chute

In order to support the bale as it exits the chamber, and place the bale on the ground, a bale chute is required. When operating the baler without an accumulator, the roller bale chute is the suggested chute option for installation on the baler as it can be used in all baling conditions.

The roller bale chute includes a set of rollers that let the bale gently glide down the chute. Additionally, the chute includes a drop sensor that alerts the operator when a bale drops off.

A roller chute is required when using a bale scale kit. The roller chute can be hydraulically raised for transport. A bale chute should not be installed when using an accumulator.

700960976M- 2290, 700960977M- 2270/2270XD,
700960978M- 2250

**2290 requires kit 700961822M if a roller chute is installed on a baler without an ejector.*

MK41208 & MK41242- Flat Bale Chute

In order to support the bale as it exits the chamber and place the bale on the ground, a bale chute is required. If a roller bale chute is not chosen, the flat bale chute should be installed and will offer an economical option.

Flat bale chutes are only intended for use in traditional dry hay crops. A flat bale chute is not compatible with a scale kit and does not include the hydraulic raise/ lower function. A bale chute should not be installed when using an accumulator.

MK41208- 2290, 2270/2270XD, MK41242- 2250





Hay Tools Kits Guide

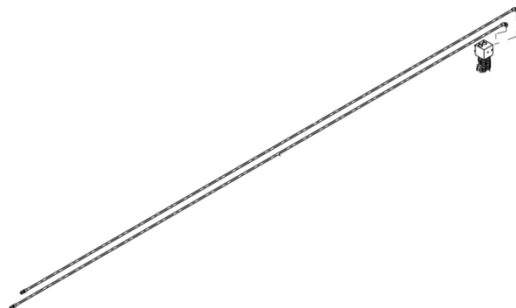
2200 Series Large Square Balers

700961822M-Roller Bale Chute Without Ejector Hydraulics

A bale ejector is optional on the 2290 baler, however to run the hydraulic raise and lower function of a roller bale chute, the ejector/chute hydraulic lines and valve block must be on the baler. In order to install a roller chute on a 2290 without an ejector, the roller bale chute without ejector hydraulic kit must be installed.

This kit includes hydraulic lines that run from the pickup lift circuit at the front of the baler to the bale chute function at the rear and includes a valve block required to provide the operator control of the chute.

Compatible with: 2290 balers with a roller chute but without an ejector.



700960974M-Bale Ejector Kit

A bale ejector is optional on the 2290 baler from the factory. If a producer wishes to add an ejector to a baler in the field that is not equipped, the bale ejector kit will include all of the components to accomplish this.

The kit allows the operator to remove the hay from the chamber of the baler as needed. Hydraulic power is provided from the pickup lift circuit and a switch at the rear of the baler provides easy access to the ejector function.

If the ejector kit is installed, a roller bale chute can be installed without the addition of kit 700961822M.

A selectable bale ejector is standard on all 2200s except the 2290.

Compatible with: 2290





Hay Tools Kits Guide

2200 Series Large Square Balers**700963607M & 700963608M- Chain Lube**

The chain drive system of the 2200 Series provides an exceptionally long service life while remaining simple to maintain. For customers that choose to oil their drive chains, addition of a chain lube kit will simplify their lubing process minimizing service down time.

The chain lube kit includes an oil reservoir, pump, lube lines and oil brushes designed to apply oil to all baler drive chains, including those in the pickup. Through the monitor the operator can select the lubing interval, the duration of the lube cycle and manually start a lube cycle similar to the standard knotter lube functions.

While the chain lube kit will simplify the service process, the operator should still inspect the baler to ensure items are in proper working order.

700963607M- 2200 Packer balers, 700963608M- 2200 ProCut cutter Balers





Hay Tools Kits Guide

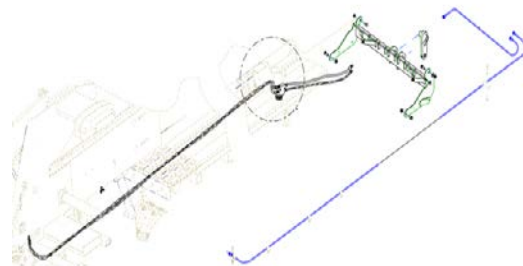
AC20 & AC25 Bale Accumulators**700734454M & 700739350M- Mounting Kit**

The AC20 and AC25 bale accumulators are designed to mount rigidly behind the 2200 Series baler. There is no swivel point between the baler and the accumulator. In order to properly install an accumulator to the baler, the accumulator mounting kit must be installed.

The kit includes the bracket required to rigidly mount the accumulator to the baler and the required hydraulic and electrical lines. When operating a baler with an accumulator, no bale chute should be installed as the mounting kit goes in place of the chute.

700734454M- AC20 & 700739350M- AC25

**When installed on a 2270, 700739350M will have excess length in the hydraulic and electrical lines.*

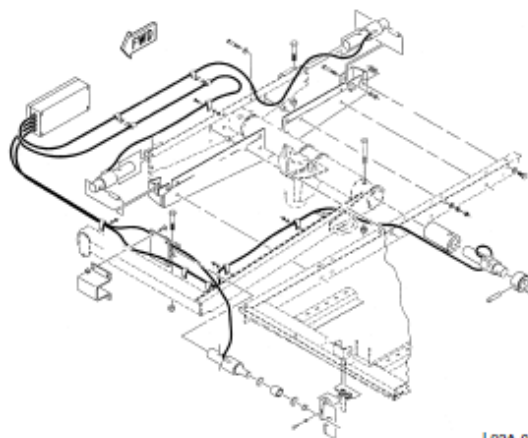
**MK41298- Bale Weight Scales**

In order to receive bale weight information with an AC25 accumulator, the bale weight scales kit must be installed. The bale weight scales install on the left side of the accumulator and read bale weights when bales are shifted onto the left cart.

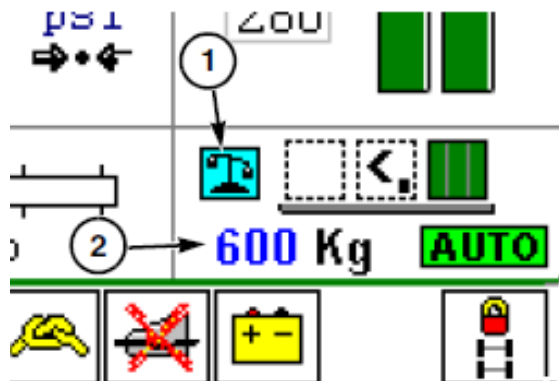
The kit allows the operator to view the weight of the last bale or an average weight through the monitor.

A module kit is not required to utilize the accumulator scales kit.

Compatible with: AC25 accumulator.



L93A-0196





Hay Tools Kits Guide

Hayboss G2 Applicator

AGCO Parts offers a full line of preservative applicator kits for use on Hesston balers, as well as a wide range of competitive balers.

Preservative applicator kits are typically installed on balers in regions where environmental factors create challenges producing dry hay. The addition of a preservative applicator allows the baler to treat the incoming crop with a preservative liquid that protects the crop in the bale from the formation of certain bacteria, yeast, molds and heating normally associated with baling and storing hay at a high moisture content.

In order to offset the cost of an applicator, the producer must understand all the benefits associated with baling and treating higher moisture crops with preservative:

- Allows safe baling of crops in the 25-30% moisture range
- The operator will have a longer baling window each day
- Baling with higher moisture allows the producer to bale sooner after cutting
- Allows the producer to bale earlier in the year extending their haying season
- Reduction in dry matter loss as the crop is not as brittle during baling
- Hay color improvement due to less time exposed to the sun
- Increased feed value through less time allowed for valuable nutrients to leach out and more dry matter retained.

Hayboss G2 kits provide an industry leading applicator option as they are designed specifically for use on Hesston balers. Depending on the baler, applicator controls can be integrated through the monitor and can even utilize additional accessories such as taggers, bale markers and RFV calculators.





Hay Tools Kits Guide

Estimated Kit Installation Times
WR9900 Series Self Propelled Windrowers-
Model year 2018 and beyond

Kit Number	Description	Estimated Install Time (hours)
700963927M	Beacon Light Kit	2.5
700963930M	Tractor Single Point Coupler	1
700963923M	Reel Fore/ Aft Kit	2
700959709M	Draper/ Auger Adapter Kit	.25
700961626M	Rear End Counterbalance Weight kit	1
700962826M	Rear Steer/ Auxiliary Pump Combo Kit	1.5
700959625M	Rear Hitch Kit for Rollers	.25
700962908M	Auxiliary Hydraulic Kit	4
700962909M	Auxiliary Hose Kit	1
700963932M	Triple Windrow Attachment	8
700963926M	Auto-Guide 3000 Mounting Kit	.5
700964077M	Auxiliary Hose Quick Coupler	1





Hay Tools Kits Guide

Estimated Kit Installation Times **WR9800 Series Self Propelled Windrowers-** **Discontinued for model year 2018**

Kit Number	Description	Estimated Install Time (hours)
700959233M	Windshield Wiper Kit	2
700960626M	Beacon Light Kit	2
700958144M	Tractor Quick Coupler Kit	.5
700961624M	Tractor Single Point Coupler	.5
700959300M	Cab Suspension Air Compressor	2
700959707M	Reel Fore/ Aft Kit	2
700959709M	Draper/ Auger Adapter Kit	.25
700961626M	Rear End Counterbalance Weight kit	1
700962826M	Rear Steer/ Auxiliary Pump Combo Kit	1.5
700962858M	High Lift Kit for Draper Headers	1
700959625M	Rear Hitch Kit for Rollers	.25
700962908M	Auxiliary Hydraulic Kit	4
700962909M	Auxiliary Hose Kit	1
700962490M	Triple Windrow Attachment	8
700744710M	C3000 Monitor Mounting Kit	.5
700746176M	C3000 Monitor Kit	.25
700960387M	Auto-Guide 3000 Mounting Kit	2





Hay Tools Kits Guide

Estimated Kit Installation Times**9200 Series RazorBar Disc Headers**

Kit Number	Description	Estimated Install Time (hours)
700964076M	Electric Swath Board Actuator	1
MK11285	Steel Gauge Wheels	1
700958746M 700963050M	Filler Pan	1.5
700962390M	Header Single Point Adapter	1
700963065M	Hydraulic Assist Kit	4
700207149	Crop Dividers	.5
700964066M	Biomass Auger	8

9200 Series Sickle Auger Headers

Kit Number	Description	Estimated Install Time (hours)
MK61139	Crop Divider Kit	.5
700963943M	Electric Swath Board Actuator	1
700963979M	Header Single Point Adapter	1



Hay Tools Kits Guide

Estimated Kit Installation Times**9100 Series RazorBar Disc Headers**

Kit Number	Description	Estimated Install Time (hours)
MK11284	Electric Swath Board Actuator	1
MK11285	Steel Gauge Wheels	1
700958746M 700963050M	Filler Pan	1.5
700958145M	Header Quick Coupler Kit	.5
700961622M	Header Single Point Adapter	.5
700961692M 700961693M	Hydraulic Assist Kit	4
700962910M	Single Point Support	.5
700207149	Crop Dividers	.5
700961694M	Biomass Auger	8

9100 Series Sickle Auger Headers

Kit Number	Description	Estimated Install Time (hours)
MK61139	Crop Divider Kit	.5
MK61158	Electric Swath Board Actuator	1
700958145M	Header Quick Coupler Kit	.5
700961622M	Header Single Point Adapter	.5



Hay Tools Kits Guide

Estimated Kit Installation Times**5300/ 5400 Series Draper Header**

Kit Number	Description	Estimated Install Time (hours)
700959222M	Swivel Gauge Wheels	.5
700961182M	Spring Gauge Wheels	1.5
71396012	Parking Stand	.25
700961141M	Narrow Opening Insert	2
700961183M	Slow Speed Transport Kit 30'	2
700961365M	Slow Speed Transport kit 35'/ 40'	2
700961142M	Skid Shoe Kit	1
700962375M	Double Knife Stub Guard Kit 20'	2.5
700962376M	Single Knife Stub Guard Kit 25'	2.5
700962378M	Base Stub Guard Kit 5'	.5
700747680	Extended Crop Divider Kit	.25





Hay Tools Kits Guide

Estimated Kit Installation Times**1300 Series Disc Mower Conditioners**

Kit Number	Description	Estimated Install Time (hours)
MK11285	Steel Gauge Wheels	1
700958746M 700963050M	Filler Pan	1.5
700960605M	Drawbar Hitch Kit	4
700960610M	3 Point Hitch Kit	4
700749702	1-3/4" 20 Spline PTO Yoke	.5
700958143M	High Skid Shoes	1
700957954M 700958379M	Hydraulic Header Tilt	1.5
700962485M	Weight Kit	3
MKD11177	2" Topping Skids	1
MK11176	Lighting Package	2

DM Farmer Series Mowers

Kit Number	Description	Estimated Install Time (hours)
700960868 700960869	Swath Guide (Left)	1
700960870	Welded On Skid	.5 per skid
FEL428928	Quick Hitch Adapter	2
FEL134764 FEL134765 FEL134768	High Cutting Skids	1.5



Hay Tools Kits Guide

Estimated Kit Installation Times**DM Series Professional Mowers**

Kit Number	Description	Estimated Install Time (hours)
700960871	Swath Disc (Left)	1
700960873	Swath Guide (Left)	1
700960874	Adjustable High Skid	.5 per skid
700960875 700960876	Tine Conditioner	2
700960877	Rubber Roll Conditioner	2
700960878 700960879	Spreader Device for Tine Conditioner	1.5
700960881	Roller Conditioner Stone Guard	1

DM Series Triple Mowers

Kit Number	Description	Estimated Install Time (hours)
700960874	Adjustable High Skid	.5 per skid
700963267	Swath Former	2
700963260	Mower Disc With Conveyor Wings	.5
700963266	Crowned Drum Hat Kit	1
700961878	Protective Cover	2
71445576	Electro- Hydraulic Load Sensing Control	4
71440199	PTO Yoke 1-3/4" (20 Spline)	.5
700963259	Filler Pan	2
700961879	Protective Cover	2



Hay Tools Kits Guide

Estimated Kit Installation Times

TD Series Tedders

Kit Number	Description	Estimated Install Time (hours)
700960862	Spare Wheel 16/6.5-8	.5
700960865	Electro Magnetic 2/2 Valve	2

RK Series Rotary Rakes

Kit Number	Description	Estimated Install Time (hours)
700960862	Spare Wheel 16/6.5-8	.5
71437768 700963256	Front Rotor Swath Former	.5
700960867	Spare Wheel 18/8.5-8	.1
700963257	Hydraulic Rear Swath Former Operation	3
700960866	Individual Lifting Device	3
700963258	Electro Hydraulic Single Lift	4
700963705	Front Wheel Kit 2x16/6.5-8	1.5





Hay Tools Kits Guide

Estimated Kit Installation Times**Wheel Rakes**

Kit Number	Description	Estimated Install Time (hours)
MK31236	Center Kicker Wheel- 1500	1
71482581	Center Kicker Wheel- 1500S	1
71440337	Transport Light/ Work Light	.75
MK31238	Walking Beam Rear Wheels	1
MK31250 MK31251	Center Kicker Wheels- Set of 2	1
MK31237	3 Wheel Center Kicker Kit	1
MK31239	Side Support Gauge Wheels- Set of 2	1
MK31240	Wind Panel Kit	.25 per wheel
MK31241	2 Wheel Expansion Kit	1.5
700738878	2 Wheel Front Extension Kit	2.5
700738879	1 Wheel Rear Extension Kit	2





Hay Tools Kits Guide

Estimated Kit Installation Times

1734 Round Baler

Kit Number	Description	Estimated Install Time (hours)
MKD50641	Bale Ramp Kit	1
MKD51156	Gathering Wheels	2
MKD51065	Electric Threader Kit	2.5
MKD50556	Fire Extinguisher	.5

1745 Round Baler

Kit Number	Description	Estimated Install Time (hours)
MK51266	Gathering Wheels	1.5
MK51270	Bale Ramp Kit	1.5
MKD51092	Bale Counter	1
MKD50556	Fire Extinguisher	.5
MKD51159	Starting Roll Scraper	1
700957454M	Hydraulic Kicker Kit	6
700959483M	Mesh Wrap Kit	8
700957455M	Bale Shape Kit	2
700724299	Adjustable Density Valve	.5
700173453	Bale Ramp Drop Kit	1.5





Hay Tools Kits Guide

Estimated Kit Installation Times**2900 Series Round Balers**

Kit Number	Description	Estimated Install Time (hours)
700957986M	C1000 Monitor	1
MK51249	Switch Power Harness	1
MK51018	Remote Start Switch	.5
700957930M	Bale Kicker Kit	6
MKD50556	Fire Extinguisher	.5
700958056M 700958057M	Silage Kit	2
700958062M	Twine Tie Addition Kit	4
700959490M 700959492M	Mesh Wrap Kit	8
700958129M 700958130M	Soft Core Bale Kit	.5- auto-cycle 2- auto-tie
700958020M	Work Light Kit	1
700958016M 700958018M	Short Crop Kit	1.5
700959586M	Bale Ramp Kit	2.5
700961568M 700961569M	Solid Windguard	3
700961570M 700961571M	Roller Windguard	1





Hay Tools Kits Guide

Estimated Kit Installation Times**1800 Series Small Square Balers**

Kit Number	Description	Estimated Install Time (hours)
MK41222	Tandem Wheel Kit	1.5
700963265M	Clevis Hitch Kit	.75
MKD40416	Bale Chute	.5
MKD40417	Bale Chute Extension	.5
MKD50391	Quarter Turn Bale Chute	1
700963603M	Field Light Kit	3
MKD40582 ACW2775780	Knotter Lubrication System	5
700963604M	Knotter Blower/ Light Harness	3
700961868M	Knotter Blower Kit	3
700962517M	Hydraulic Bale Tension	4
MKD40555	Hydraulic Pickup Lift	1.5
700961890M	Wagon Hitch	1
700963614M 700963615M	Bale Thrower	8
ACW2924670M ACW2933300M	Tool-Less Bale Length Adjustment	2





Hay Tools Kits Guide

Estimated Kit Installation Times**2200 Series Large Square Balers**

Kit Number	Description	Estimated Install Time (hours)
700964017M	Electronic Knotter Trip Kit	3
MK41208 MK41242	Flat Bale Chute	1
700960976M 700960977M 700960978M	Roller Bale Chute	2
700961822M	Roller Bale Chute Without Ejector Hydraulics	4
700960798M 700960800M 700960801M	Bale Weight Kit	3
700960668M	Module Kit	1
700960673M	Hydraulic Jack Kit	2
700960974M	Bale Ejector Kit	6
700963607M	Chain Lube- Packer Baler	6
700963608M	Chain Lube- Cutter Baler	6
700957986M 700959598M	C1000/ C2100 Monitor	1
MK41290 MK41213 700958792M	Drive Line	.5

AC20 & AC25 Bale Accumulators

Kit Number	Description	Estimated Install Time (hours)
700734454M 700739350M	Mounting Kit	2.5
MK41298	Bale Weight Scales	6