2016 Gleaner events

Canada's Farm Progress

**June 15 – 17**  
Regina, Saskatchewan, Evraz Place

We will be at Canada’s Farm Progress to showcase the new S9 Series Gleaner feature the Vision Cab and all new Tyton Terminal. Make sure to stop by to talk to our Gleaner representatives to learn more about the Gleaner S9 and sign up to experience the next generation of Gleaner in your conditions.

S Series New Owner Clinics

**July 12 & 13**  
Champaign, Illinois, Parkland College

**July 26 & 27**  
Jackson, Minnesota, AGCO Intivity Center

These clinics will help new operators understand the Gleaner combine when it comes to operation, setting, servicing and technology. This year’s New Owner Clinics will focus on the new S9 Series and the Gleaner S7 and S8 Series combines as well. If you are interested in learning from our product experts on how to get the most out of your Gleaner, please contact your dealer for enrollment.

Farm Progress Show

**August 30 – September 1**  
Boone, Iowa, Farm Progress Show Lot

What’s the secret to success for this popular event? No secret. Just a proven track record for staying on top of economic shifts, changing demographics, emerging issues and advances in technology in a fast-moving industry. This is the country’s Largest Trade Show that annually attracts 45,000 visitors from around the globe.

Big Iron Show

**September 13 – 15**  
West Fargo, North Dakota, Red River Valley Fairgrounds

With 900+ exhibit booths, training sessions, demonstrations and countless opportunities to connect with your peers, there is little doubt that the annual Big Iron is the event for agribusiness. Big Iron Farm Show is the largest farm show in the upper Midwest.

Husker Harvest Days

**September 13 – 15**  
Grand Island, Nebraska, Husker Harvest Lot

Husker Harvest Days has become one of the nation’s premier working farm shows, with exhibitors and field demonstrations geared to Nebraska and Western Corn Belt agriculture. It is the nation’s largest farm show in which all field crops and plots are irrigated. The half-dozen center-pivot systems and one lateral-move sprinkler that water those crops also are demonstrated during the show. Visitors from Nebraska and more than 20 other states have attended the three-day event. They are welcomed by 500 exhibitors, offering a wide range of Ag products and services. Husker Harvest Days was one of the first farm shows to conduct cattle handling demonstrations.

Ohio Farm Science Review

**September 20 – 22**  
London, Ohio, OSU’s Molly Caren Agricultural Center

140,000 visitors from across North America descend on Ohio for the Ohio Farm Science Review. This event is the area’s premier agricultural trade show that takes place over three days and includes thousands of product lines from over 600 exhibitors. See the latest developments in agricultural research, conservation, nutrition, farming and participate in field demos at this yearly event held in London, Ohio.

Agri-Trade Expo

**November 9 – 12**  
Red Deer, Alberta, Westerner Park

Besides the hundreds of our exhibitors who show you only the best new equipment and services in the Agriculture Industry today, we’re happy to help with one good reason to attend Agri-Trade in Red Deer, Alberta. How about a free trip for 4 to any Ag Show in North America courtesy of Agri-Trade valued at $10,000? That’s right... this year the Agri-Trade Grand Prize will consist of a trip for you and 3 of your family, buddies, or whomever you owe a favor, to attend any Ag related show in North America.
Several Gleaner Hugger owners have come up with some great ideas with the help of Gleaner engineering that will enhance Hugger corn head performance and are pretty simple to do. A little torch cutting is all that is required and nothing has to be taken apart. I have attached several diagrams that will provide you where you need to cut. What this will do is eliminate the pinch point for easier flow of material, providing a greater usable length of the stock roll and will condition the stalk roll better, as well as reduce butt shelling. It will allow the material to flow in faster and allow the stock to flow back farther. This modification will provide significant improvement in overall performance and many will appreciate the increase in performance with our Hugger corn head.
In the last several issues of our Gleaner Newsletter, I have been sharing with many customers across the US and especially in Canada how they can increase feeder house capacity dramatically in heavy, gnarly canola, soybeans and corn with equally incredible results.

Wedging of the crop was causing extreme pressure on the feeder house runners and torque tube. This caused the clutch to slip from the excess drag from the chain and compression of crop over a distance, thus requiring a greater increase in horsepower.

The feeder house enhancement raises the runners and tube, lowers the power required by the clutch due to less drag and does not create a wedge with the stationary members. Even though the distance from the sprocket to the lower floor is the same, the rotation of the shaft with minimum crop travel distance, negates this, and provides better control of the crop as you feed to the rear feed chain. This also forces the chain into the root of the sprocket, preventing potential jumping of the teeth.

Larger clumps of material that come through from time to time, can be broken up easier, providing a smoother transition of the material to the rear feed chain. This also allows the crop to be compressed at the rotating member for good transfer to the rear feed conveyor.
This modification has made an incredible difference in all machines that is has been installed in and has shown a major difference in canola and soybeans. This has been installed in R Series, S7 Series, and S8 Series combines with equally positive results in all machines. Many dealers and customers have installed this enhancement on their machines and saw an incredible difference in performance.

**Missouri**

Mark Silverthorn from Sikeston, Missouri said his S77 combine ran much smoother in corn than it ever had before. In soybeans this year in a most difficult year, the machine ran so much smoother and they were able to gain a mile and a half versus past years in tougher conditions. As we had heard from who had installed the change, they were able to attain a much higher engine load as a result of smoother feeding. Mark also indicated that they were able to start an hour earlier and run later due to the change. Mark’s wife drives the combine and she could tell by the sound of the machine that there was a big difference in performance. He recommended that anyone in soybeans will be glad that they did it because of the capacity and productivity gain.

**Manitoba**

Daryl Enns of Elm Creek, Manitoba runs two Gleaner S77 combines with a majority of their acres in canola and wheat. They swath the majority of their crops with a pick up header. It is canola that you are challenged because of the windrows that are not even and with the heavy gnarly crop it creates a lot of clumps that feed unevenly and can create a wedging that we have experienced over the last several years in uneven swaths. It is in canola that this combine really shines with the feeder house adaptation according to Daryl Enns. Harvesting seemed to be a white knuckle situation in past years. This year with the change it was amazing what a difference in the amount of engine load could be experienced with the change. In past years, the best we were able to achieve was a 75%-85% maximum engine load, stated Daryl. This year we were able to experience 100% engine load and we know we were able to easily experience a 10% engine load increase with this change. It was so much easier in keeping the engine load maintained between the feeder house change is eliminating any wedging and bunching of crop in the feeder house. These combines are a different machine and what a great harvest it was. I would recommend doing this to any Gleaner machine if you’re doing canola or soybeans, as it is a game changer. Several hundred machines have already been fitted up with this remarkable change with many more fitted up as well before harvest.

All newer Gleaner S9 Series combines have this feeder house modification, so don’t wait. Make sure your machine gets this done. You will not believe the capacity difference!
S88s fitted with tracks in Illinois

It is amazing what you might see on farms around North America. Loren Weise of Weise Farms fitted his two 2015 Gleaner S88 combines with a set of Soucy tracks.

Loren and his son had a set of 1,250 mm drive tires on the machines prior to the conversion. The Soucy tracks had plenty of frame clearance and the only difference was a slight speed difference of 1 mph with the tracks.

These photos were shot at the Weise’s gleaner dealer, AC McCartney, before delivery to their farm in Western Illinois. The tracks were checked for wear after harvest with no issues. The Weise’s were very pleased with the performance of their pair of Gleaner S88s compared to the cleanliness and loss levels of their JD S Series machines they were running before.

With the lower compaction and weight difference between the Deere and the Gleaner, even without tracks, the weight difference between the John Deere S680 with comparable header at 83,016 lbs. and the Gleaner S88 combine and comparable header at 64,973 lbs. was a difference of 18,043 lbs. or over 9,000 lbs. difference between the two machines.

This is a major compaction difference in favor of the Gleaner machine. When you also add up the difference in fuel consumption, grain quality, and overall better performance, the advantage clearly goes to the Gleaner.

Thanks go to Loren for sharing his pictures and his efforts on making a great combine even better.
AE50 winners for 2016 honored in Louisville

Gleaner and a number of other AGCO products were honored at the American Society of Agricultural and Biological Engineering conference in Louisville, Kentucky in February. It was the largest number of awards for AGCO in many years.

Gleaner won for its new 3300 Command™ Series corn head, one of the most exciting chopping corn heads on the market today and completely redesigned from the ground up. Farmers are harvesting more acres as they continue to rent and purchase more land. At the same time corn yields are increasing across most areas of the nation’s corn belt. Last but not least, tillage programs have changed and fewer farmers are burying residue, instead of leaving it on top of the ground through no-till, minimum-till or strip till programs. The new 3300 Command™ Series corn head was designed to address all of these issues with more capacity, faster harvesting rates and less loss in the field. It starts with new innovative fore-aft adjustment on a corn head tilt feature that allows the header to float, while providing cushion for the header and combine. The new low-density polyethylene snouts also allow smoother feeding transition of the crop without butt-shelling and ear bounce. The stalk rolls also feature point to point contact for better feeding. From there a new 20-inch, high capacity auger reaches over the row unit for better feeding and transition of material into the feeder house. The Command™ Series head even comes standard with a header hood to prevent ears from going over the top of the header opening. One of the most striking new features is an optional chopper that can chop both stocks and residue for a faster breakdown in the field. However, even with the with the chopper option, the chopper function can be disengaged with a lever on the head.

Other unique features include optional snout skids that allow the protection of the snout so in down corn we can tilt our snout forward to get down corn and not leave it in the field and eliminate the need for a corn reel. We had a chance to demonstrate this at farm progress show and no one can match what we can do in getting those ears. Other great features are the Headsight™ auto header height control sensors, Stalk Crushers that help reduce tire damage in the field and snouts that are Reichhardt Ready, which means they don’t require modification to install row sensing. Available in 8-row and 12-row models as well as chopping and non-chopping models.

Other winners were the Sunflower 9830 NT drill, the Sunflower 6830 rotary finisher, Pro Cut rear system for the Hesston 2230 large square baler, Hesston WR 9800 rear steering system and Fendt 500 Series tractor. Congratulations to all the winners and the great technology they bring!
Great features of the new Gleaner 9255 draper header

Gleaner has designed its own single piece reel which is durable and incorporates a unique s-cam track design making it easier to adjust the performance based on the conditions.

Improved end shield width, new flywheel and flywheel sickle drive is more stronger and with improved reliability. All this is assembled in our plant in Hesston. This allows our end skids and header end panel to be reduced by 3 inches on each end. The decrease in width reduces grain damage and loss in uncut standing crop. The reel assembly is equipped with a large diameter main tube, large diameter tine tubes, and bigger heavy duty injection molded plastic tines. Each of these components work together to feed any crop without wrapping, thus increasing productivity. Truss support on 35' and 40' models minimizes reel deflection and improving durability. Adjustable tine pitch through a unique s-cam track design allows the operator to easily adjust the performance of the reel, based on conditions. The reel assembly only has a single mounting hole for the height cylinders. This single mounting location, eliminates confusion and ensure maximum performance with reduced danger of clipping tine tips off.

A new flywheel sickle drive gearbox is on the 9255 draper header. The new drive system utilizes a gearbox with a flywheel rather than a gearbox with swinging counterbalance weight found in a traditional wobble boxes to maintain cutter bar speed and momentum. The new design adds strength to the drive system improving reliability to maximize up time. This decrease in width reduces damage and loss in uncut standing crop as the header passes by.

The end skid is updated to a new thicker design reducing wear and increasing their service life. The angle and radius of the end skid has been optimized so the skid can ride flatter on the ground increasing the footprint of the skid. In addition to the improved skid design, larger hydraulic lines have been added to the 9255 to improve float suspension, leading to more constant ground pressure. The footprint spreads out the ground pressure more evenly reducing the wear experienced at the rear of the skill shoe.

The 9255 is equipped with a single-height "best of both worlds" skid shoe. The single-height skid shoe eliminates the ordering confusion caused by a low and high skid option on previous models while reducing the potential for crop to enter the bottom side of the draper belts.

Optimized cutter bar angle in the 9255 has been tilted back 5 degrees over previous models to maintain the optimal cutter bar angle to ground angle as the header is pitched forward. The sickle will remain flatter in relation to the ground due to the updated sickle angle. This reduced the need for wedge kits to be installed as recommended on previous models, as well as reducing the likelihood of the sickle sections and guards running in the ground, causing damage or picking up dirt.

Improved harvesting performance with a new longer divider design which will improve separation of the crop in densely tangled conditions, improves feeding into draper belts, reduces wrapping around the reel and provides excellent visibility around the reel.
New 2016 Vision Cab is a huge step up in comfort

The new Gleaner Vision™ cab represents over 4 years of development and features one of the nicest cab environments found in any combine today. The new Tyton™ terminal features four quadrants with easy to read graphics. You can choose from several options on the Tyton™ Terminal that provide FieldStar® Live, Ag Leader® Live and Ag Leader® equipped with their monitors. New automated software features that include Fuse® Connected Services monitoring and reporting, up to four cameras through the Quad Monitor and two through the Tyton™ Terminal, Automated shaft speed calibrations, Automated calibrations for fan choke, concave, chaffer/sieve, and header, Programmable speeds provide an SV1 and SV2, 10 user-programmable counters, Auto-Guide® and Novatel receiver, Row Guidance, Convenience of Guidance Nudge from the palm control handle, Save multiple header configurations such as calibration, tilt speed, raise lower two speed, Single button to activate AHHC and raise above the cut line, arm-activated open/close of grain tank. Other nice features include 12 new cab lights with high lumen projection, new in-cab cooler option, new radio options, electric mirrors, and much more. New electric shift and parking brake have eliminated the mechanical linkage that was in the cab floor of previous models, Bluetooth® capability, new programmable lighting and a much quieter cab environment make the Vision™ cab a must see. Set up a demo with your Gleaner dealer and experience the new Vision™ cab for yourself.
Shopping and owning a pre-owned Gleaner

Over the past several years Gleaner has continually provided the capability for customers to upgrade their machine to a later model Gleaner while also being able to add some of the new features available by ordering and having them field-installed on an older machine. If you are interested in upgrading your late model Gleaner or just want to see what upgrades are available for a particular Gleaner model, we can send you our *Guide to Pre-Owned 2003-2015 Gleaner Combines.*

Contact your Gleaner dealer to receive a copy of *Guide to Pre-Owned 2003-2015 Gleaner Combines* with this part number: GL15BOO2ST. Gleaner has so many features that we can provide you a way of stepping up to a Gleaner if you are not currently running one. You can request a copy of the literature online at gleanercombines.com. We are excited to show you the incredible differences between a Gleaner and any other machine. There is no comparison in grain quality between our machine and any other machine on the market.

New HeadSight™ hydraulic kit

Many Gleaner owners are installing HeadSight™ hydraulic kits for Gleaner S7, S8 and older machines which includes an upgrade to the (PWM) Pulse with Modulation valve controller that increases height sensitivity and improves accuracy near the ground. It also reduces dead band and reduced wear on the header. It installs in less than two hours. This will also eliminate bouncing across the field. Many customers and dealers have been very happy with the results. This can be ordered through your dealer or HeadSight™. The cost for the HT 9250 kit shown is $1,295.00 USD plus installation. The new Gleaner S9 Series comes from the factory equipped with HeadSight™ and what a great difference it makes.

Contact your Gleaner dealer for details.

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<th>KIT HT9240 OLD STYLE VALVE STACK</th>
<th>HT9250 NEW STYLE VALVE STACK</th>
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• All prices are in U.S. Dollars and subject to change without notice.
• Call to confirm availability.
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You don’t farm just for you.

You work from sunup to sundown not just for today, but for the generations to come. You have plans for your farm’s future, and we’ve created the combine to help you get there, with performance and conservation.

The next-generation Gleaner features our new Vision™ cab with unparalleled control, comfort and convenience. With next-generation powertrain, SmartCooling™ and feeding, the Gleaner S9 Series is the perfect combine to make your farming legacy what you want. You can learn more at gleanercombines.com or from your Gleaner dealer.