Inspection and maintenance guide for John Deere combines

Keep your combine harvesting!

JOHN DEERE

Introduction

Increasing machine performance
Uptime and reliability are critical factors for your success. And your success is important to us. That is why John Deere combines have always been built to deliver the reliability you need and we are continually improving our combines, making them more efficient and easier to use.

However, even the most robust and reliable machines require maintenance and care. This book is filled with tips and tricks that will help you keep your machine, whether it is a W, T or C Series combine, running at full performance throughout the harvesting season. It is a guide that covers the essential daily cleaning all the way up to performance enhancing parts that can further boost your productivity.

An important tip right at the start: when it comes to servicing, don't settle for anything less than genuine John Deere parts and lubricants. Designed by John Deere engineers specifically for John Deere equipment, these parts meet original John Deere specifications and standards.

- Reduce downtime
- Increase machine performance
- Enhance the value of your machine

Content

Daily maintenance

Areas to clean and check

The basis for everything that follows
Farming is a hard and often dusty business. John Deere combines, with their fresh air systems for the cab, protect the operator from most of the dirt and grime that occurs during harvest operation. And of course we have specially designed our combine harvesters to achieve the best performance under the conditions you face.

While operating your harvester, material such as straw and chaff will come into contact with the moving parts.

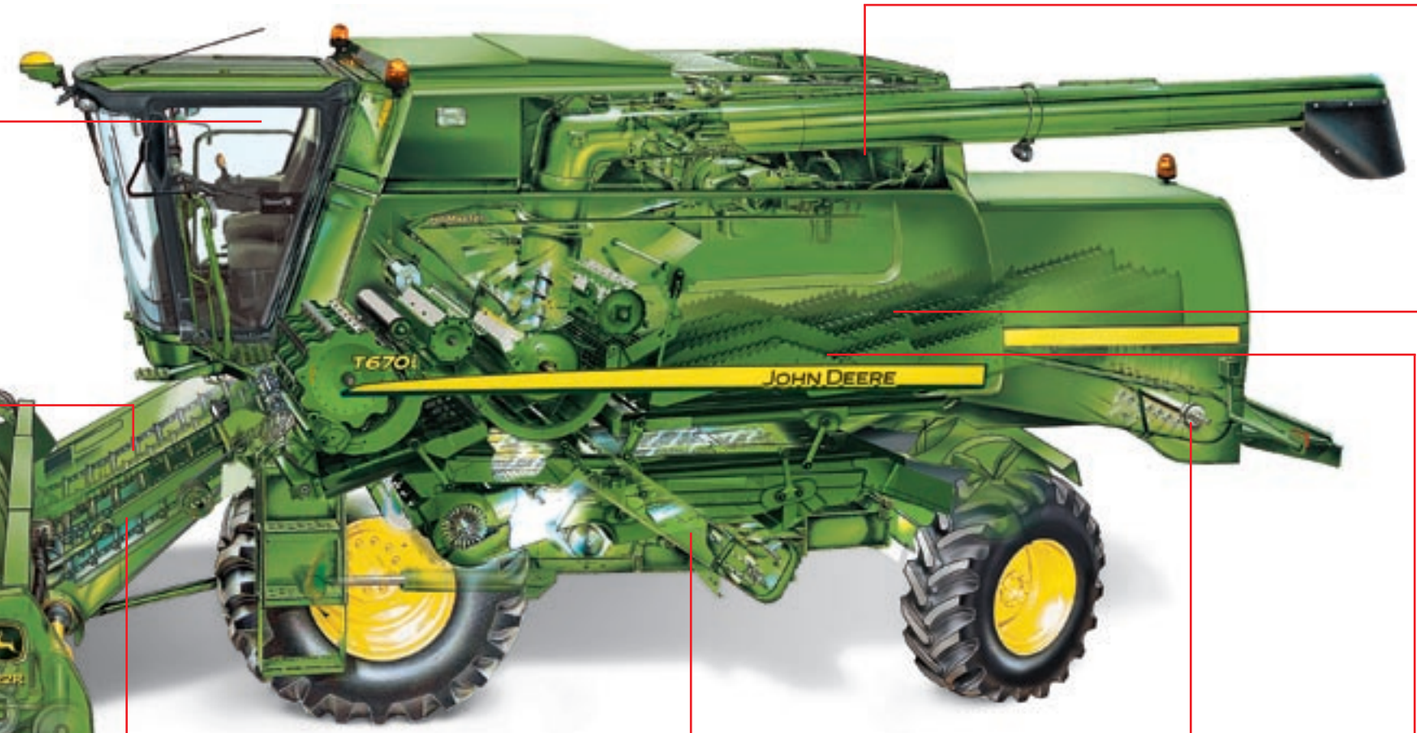
Regular and thorough cleaning of your combine (together with other routine maintenance procedures described here and in your Operator's Manual) will keep machine performance at its peak and greatly reduce the chance of costly downtime.

Cleaning your combine harvester with an air compressor is the fastest way to rid your harvester of unwanted dry material which may ignite during operation. Be sure to clean all areas, including corners and difficult to reach places. And remember to wear protective clothing and eye guards to prevent injury from flying debris.

In addition to the job of keeping your combine clean, optimal operation requires regular checks of all moving parts. The next pages will take you through the various elements of the inspection process and show you what to look for and what to do.

Hydraulics **Engine compartment**

Cab



Feederhouse

Cutting platform

Belts

Chains

Elevator

Straw chopper

Grease points

Straw walker

Sieve area

Cutting platform

Knife and section guards inspection. *Check to see if any of the knives or the knife guards are broken or bent and replace where necessary. When replacing a knife, be sure to use genuine John Deere knife sections to ensure that the knife has the durability and the size needed for optimal operation.*

Crop lifter inspection. *Check crop lifters to see if any are bent or damaged. Bent crop lifters will reduce the performance of the combine. If they are bent downwards, they could even damage the header by digging into the ground.*

Check the reel tines. *Check the reel tines to ensure that none are bent or damaged. Replace where necessary.*

Auger finger inspection. *Check to see that no auger fingers are broken or bent. Genuine John Deere auger fingers feature a breakaway groove, permitting them to break at a specific point and fall back into the auger drum to prevent platform damage.*

Adjust drive parts. *The cutting belt drive and the auger chain drive can be adjusted on the right side. Remove the left hand side shield and check tension of belt and chain to ensure optimal header performance. See operator's manual for optimal adjustment.*

Crop divider inspection. *Check crop dividers to see if they are damaged or bent. Check hinges to see if the crop dividers move properly. Bent crop dividers result in higher header losses and lower combine performance.*

Feederhouse
Engine compartment

Feederhouse

Initial cleaning. *Remove the header and clean all straw and debris from the feederhouse. Once the feederhouse is clean, remove both side shields. Clean around bottom drive sprocket and slip clutch. Make sure that the speed sensor wheel is tight and the speed sensor harness is connected.*

Check chain and belt tension. *Check the tension of belts and chain. Adjust if necessary. Adjust spring tension to gauge. Make sure gauge is not and cannot become trapped in the spring. Check belts for damage and be sure to replace the belts as soon as damage is evident. Check hydraulic hoses for possible oil leaks. Tip: oil leakages can be easily detected by looking for parts of the hydraulic system that are coated with dust.*

Inspect slats. *Check the slats and make sure that they are not bent or damaged. Replace all damaged slats.*

Test conveyor chain tension. *Use a lever to check the tension of the conveyor chain. Measure the tension on the outer chain. For optimal adjustment see operators manual. Loose chain results in uneven feeding and can even damage other machine compartments.*

Engine compartment

Empty stone trap. *Empty out the stone trap. Check if any damage is visible on the threshing cylinder or concave. If yes, contact your local dealer for support.*

Clean radiator. *Clean the radiator by blowing air from the inside out. Check all areas for chaff build-up and clean if necessary.*

Clean air filter. *Remove and clean exterior air filter. Clean with compressed air from the inside out. Important: never direct air against outside of the filter. If exterior air filter is damaged or if alarm signal: “air filter blockage” is shown on CommandCenter display always replace both air filters. Never clean the interior filter. Install a new one if interior filter is covered with dust or damaged.*

Check oil level. *Check engine oil level. Oil should never be below the mark on the dipstick. Remember to change the oil every 100 hours if the fuel you use contains more than 0.5 % sulphur. If your fuel has less sulphur, remember to change the oil every 250 hours or every 375 hours if you are using John Deere PLUS-50.*

Daily maintenance

Engine compartment

Check oil level. *To check the hydraulic oil level, make sure that the header is on the ground, unloading auger is folded in and HillMaster is in road transport mode. Oil level must be above the lower sight glass and below top of upper sight glass. Add oil as needed. Also check oil level of main engine gear case with dipstick and fill up oil if needed.*

Check coolant level. *Coolant level should be between the two marks in the coolant reservoir. Add coolant as needed.* ***Important:*** *Always check coolant level when engine is cold. Never open coolant reservoir when engine is hot.*

Straw walkers

Check straw walker. *Open the gate on the top of the combine's rear hood. Clean behind the rear wall and check straw walker grids. Then go underneath to check straw walker bearings and replace if needed. For replacement, see operators manual.*

Sieve area

Check sieve area. *Check precleaner upper and lower sieve for any dirt or straw which may plug some area of the sieves. Remove all the dirt for optimal performance of the machine.*

Elevators

Check chain tension. *Open bottom doors of tailings and grain elevator. Check elevator chain tension. Adjust if necessary. For adjustment of chain tension see operators manual.*

Check paddles. *Check elevator chain for worn or missing paddles. Also check the upper beater* ***paddle. In tough conditions it may be advisable to install one or more steel paddles*** *in the elevator chain to act as a wiper. Note: Please, consider that one elevator paddle is always missing on machines with HarvestMon due to self calibration of yield meter.*

Chains

Oil chain. *Make sure all the chains are properly oiled. Please note: Do not oil the elevator chains!*

Belts

Check tension and condition. *Check the tension of all belts and adjust if necessary. Check the belts for possible damage and replace if any damage is visible. Be sure to use original John Deere belts.*

Daily maintenance

Hydraulics

Check hoses and fittings. *Carefully inspect the hydraulic hoses, fittings and pumps for possible leaks and tighten fittings where necessary. Tip: oil leakages can be easily detected by looking for parts of the hydraulic system that are coated with dust. Don't forget to check the oil level in gear boxes and oil reservoirs.*

Straw chopper

Inspect knives. *Carefully review the straw chopper knives to see if any are broken or damaged. If one of the knives is damaged, replace the knife and then turn the knife bar 180 degrees and replace the knife on the other side of the rotor in order to maintain a proper balance. Don't forget to check the stationary knives.*

Grease points

Greasing. *To increase your uptime when working in the field you will find two convenient John Deere lubrication quick guides as stickers on the inside left and right hand side shields on the machine. Also see lubrication references in the operator's manual.*

Cab

The CommandCenter of your harvester is where you will spend a large part of your time during harvest operation. Remember to blow out the cab once a day to keep dust and dirt to a minimum. Inspect the cab fresh air filter and clean or replace when necessary. As a part of your daily inspection and cleaning routine, this quick, daily clean of your cab will help to keep your work environment as pleasant as possible, reducing the stress and strain of a hard harvest day.

Clean cab air filter. *Blow out cab air filter for comfortable and stress free working hours.*

Tyre pressures

Check tyre pressures. *It is very important that you operate your machine with the recommended pressures. When pressures are too low major damage can occur and when it is too high soil compaction can result. Note: Always check pressures before running your machine in order to avoid inaccurate results. Please, use operator's manual to check the recommended tyre pressures.*

Out of season maintenance

Use your time effectively
Unexpected down time or reduced efficiency can be a very expensive proposition – especially during the harvest season.

That makes the winter months so valuable. The off season gives you the time you need to make an appointment and have your combine checked by your dealer's experienced John Deere service technicians.

John Deere service technicians have been comprehensively trained and are constantly kept up to date through seminars, workshops and diagnostic systems training offered by John Deere. You can be confident that they have the expertise and modern diagnostic technology to ensure that your combine gets a thorough check-up.

The service technicians will inspect all of the key areas of your machine. Among other things, this inspection will always include the threshing area, the residue management system and the header equipment. So not only will you be in peak operating condition when the next harvest season rolls around, you will also lengthen the life span of your combine and secure a higher re-sale value.

As important as the check-up is the use of original John Deere parts and lubricants. Manufactured to meet the precise needs of your combine, genuine John Deere parts and Lubricants will help to reduce downtime, increase machine performance and enhance the value of your operations.

Off-season maintenance with genuine John Deere parts and lubricants and carried out by John Deere service technicians – it's a wise decision that really pays.

For late-model John Deere equipment, our technicians use the Service ADVISOR diagnostic tool. Linked directly to your machine's electronic controllers, this valuable tool enables our service technicians to determine problems faster and more accurately than ever before.

Our service technicians are LTA certified, trained professionals who take pride in their ability to keep your equipment running like new. Through seminars, workshops and diagnostic systems training, our technicians are continually educated to keep up with advancing technology. This training, together with their dedication and valuable experience gives you a team you can count on for fast, professional service.

Genuine John Deere Spare parts

Knife sections
Auger fingers
Auger finger bearings

Small details that make a big difference
Excellence and mediocrity are often as close as profit and loss. And sometimes it is difficult to see the difference. If you look at a genuine John Deere part and a non-genuine, they often look alike too – but the difference is there, in the details. And the difference is usually critical.

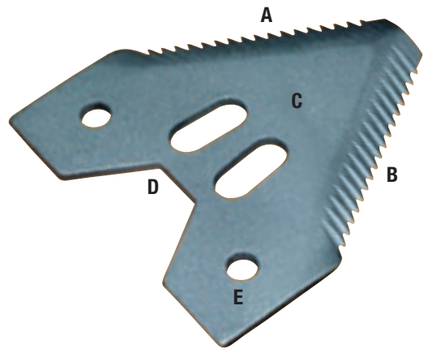
Other companies are continually examining our parts to try and match our specifications. But a close look shows that their non-genuine John Deere products often have slight variations that can result in increased downtime or poor combine performance. The bottom line is quite simple: when repairs are necessary, it's critical to choose John Deere parts. Only then can you be sure that your combine will continue to perform like a John Deere. The next few pages will show you a selection of genuine John Deere combine parts and how they differ from the look-alikes.

Knife sections

A sharp decision
To minimise grain loss, it is vital to have a clean cut of the crop stem. This is especially true when you are harvesting over-ripe cereals. A sharp cutting edge means money in your pocket – so the cutting edge must remain sharp for as long as possible. That is why John Deere knife sections feature a maximum hardness at the cutting edge reached by modern computer-controlled hardening processes. Look-alike knife sections feature high variations in hardness that can lead either to brittleness or premature wear. The knife body on the other hand, must be very tough to avoid breaking or bending when it is hit by foreign objects. Hardened steel, so important for the knife edge, becomes brittle. For this reason it is of the utmost importance to control the hardening process so that it only affects the cutting edge and does not reduce the tough properties of the knife body. John Deere manufacturing know-how delivers high precision induction hardening to make sure the knife section performs for you.

The size of a knife section is also very important. Replacement sections must accurately line up with the rivet holes on the knife back to avoid creating stresses that would prevent the knife from reciprocating smoothly. The interchangeability of genuine John Deere parts clearly reduces costly downtime. Quality features of the genuine John Deere knife section.

A *A very hard zone for long-life sharpness*
B *Optimised tooth form for a smooth cut*
C *Tough body to minimise the risk of breaking*
D *Fine-grained chrome alloy steel with high fracture strength for high wear resistance*
E *Very precise limits on production tolerances which are permanently controlled to guarantee interchangeability*

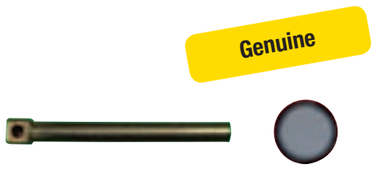


Part No.	*Description*	*Use on*
P49650	*Knife section, fine*	*200, 800, 900 and 1000 Series Cutting Platforms*
Z93077	*Knife section, coarse*	*600 Series Cutting Platforms – fabricated*
Z93078	*Knife section, fine*	*600 Series Cutting Platforms – fabricated*
Z47493	*Knife section, fine*	*800 and 900 Series Cutting Platforms*
Z52672	*Knife section, coarse*	*800 and 900 Series Cutting Platforms*

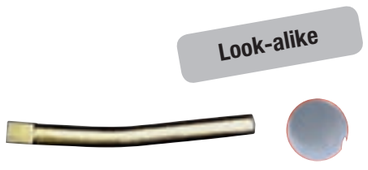
Auger fingers

A tangible difference
Auger fingers are responsible for the steady transport of crop through the cutting platform. They play a critical role in preventing overload, which can damage the auger, platform and feederhouse. It is also important that they cope with stones and other foreign objects or that they break in order to avoid serious damage to the auger. Bent auger fingers can cause stress and wear on the finger guide, as well as additional load on the finger crank and auger driveline. In extreme cases, this can cause the auger skin to deform. John Deere auger fingers are hardened to handle heavy loads. And they feature a breakaway groove, enabling them to break at a specific point and fall back into the auger drum, preventing expensive platform damage. Tougher, with a built-in breaking point, genuine John Deere auger fingers reduce repair, expense and downtime.

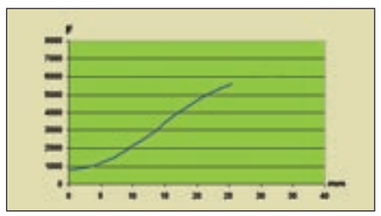
Part No.	*Description*	*Use on*
H169914	*Finger*	*600 Series Cutting Platforms*
AZ49886	*Finger*	*800 Series Cutting Platforms*
H168206	*Finger cap*	*600 Series Cutting Platforms*
AH171602	*Finger bearing*	*600 Series Cutting Platforms*
AH171884	*Finger bearing*	*800 and 900 Series Cutting Platforms*
Z30752	*Finger guide*	*800 Series Cutting Platforms; and 900 and 1000 Series Cutting Platforms*



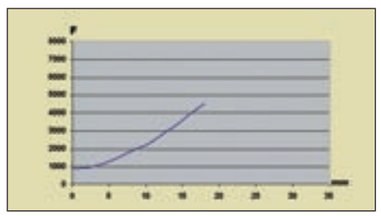
Test results. *Thanks to the hardened area (which appears black on the view of the cross section) the Genuine John Deere auger finger successfully withstood the test load.*
Part No. ***Z11366***



The look-alike auger finger bent. *The reason is quite simple. As the cross-section reveals, the look-alike auger finger is not hardened.*



Higher elasticity. *The Genuine John Deere auger finger features zone hardening, enabling it to withstand higher stress levels without deforming or breaking.*



The look-alike auger finger exhibits lower elasticity so that it breaks prematurely under load, resulting in more frequent finger replacements, higher finger costs and additional downtime.

Auger finger bearings

Keep your bearings
Genuine John Deere auger finger bearings feature a specific hardness to meet the demands of a long and hard harvesting day. Under the exact same test conditions the genuine John Deere auger finger bearings successfully withstood the test load, while the look-alike auger finger bearing became deformed. Auger fingers with deformed bearings have been known to retract inside the auger, deforming the auger skin from inside and punching holes in it, causing expensive repairs and long periods of downtime.

No deformation, *even after heavy test loads.*
Part No. ***AZ15943***

Deformation *of finger bearing before breakage.*

Genuine John Deere Parts

Rasp bars
Straw walker bearings
Belts

Genuine John Deere rasp bars

Separating the grain from the chaff

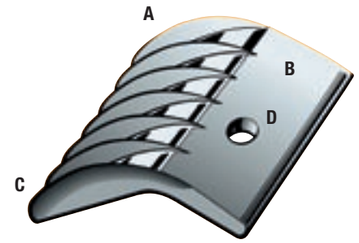
The rasp bar is the heart of your combine. It is the rasp bar that is responsible for the threshing operation, separating the grain from the rest of the plant. Genuine John Deere rasp bars go through heat treating that is deeper than that of other bars in order to keep them working longer. But it is not just a question of durability: the design of the rasp bar is critical in order to achieve optimum yields and the best possible grain quality. To enable this performance, our rasp bars have a number of special characteristics designed specifically to give you the best possible results.

Part No.	*Description*	*Use on*
AZ13335	*Rasp bar set, two right hand*	*900, 1000 and 1100 Series combines*
AZ13336	*Rasp bar set, two left hand*	*900, 1000 and 1100 Series combines*
AZ26343	*Rasp bar set, two right hand*	*900, 1000 and 1100 Series combines*
AZ26344	*Rasp bar set, two left hand*	*900, 1000 and 1100 Series combines*
AZ47216	*Rasp bar set, one left hand, one right hand*	*2000 and 2200 Series combines*
AZ47217	*Rasp bar set, one left hand, one right hand*	*2000 and 2200 Series combines*
AZ58904	*Rasp bar set, one left hand, one right hand*	*9540, 9560, 9580, 9780 CTS, W5X0, T5X0 and C670 Series combines*
AZ58905	*Rasp bar set, one left hand, one right hand*	*9640, 9660, 9680, W6X0 and T6X0 Series combines*

A *The rasp bars are paired by weight to prevent damage to hubs, bearings and related parts.*

B *Strong, corrugated, rolled steel enables the rasp bar to handle even heavy threshing loads.*
C *The aggressive tooth profile ensures high threshing performance.*

D *Perfect fit and alignment is ensured through John Deere's high standards and extremely small tolerances.*

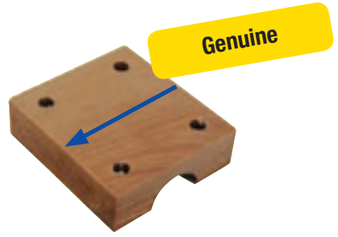


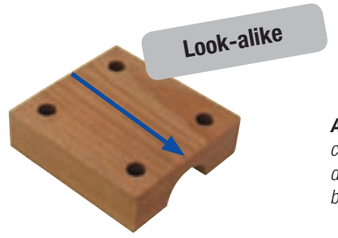
Genuine John Deere straw walker bearings

Carrying a heavy load

Straw walker bearings are responsible for the performance and long life of the straw walker unit. They must be able to deliver flawless performance under a range of harsh con-ditions. Perfect self lubrication is essential, as the wooden bearings are not connected to a lubrication system. The bearing must be able to release the lubricant steadily as working temperatures increase. In addition, the wooden bearings must not warp, even if there are large changes in such factors as temperature or humidity. Finally, they should not open, crack or break, which would allow dust to enter the bearings and accelerate wear nor should they ever close and seize on the shaft.

Part No.	*Description*	*Use on*
AZ45586	*Straw walker bearing*	*2000, 2200, 9000, later 1100 Series combines and W-, T-Series combines*
AZ31217	*Straw walker bearing*	*900, 1000 and early 1100 Series combines; and 1450 and 1550 Series combines (-46296)*





A visible difference. *The incorrect grain direction is clearly visible on the look-alike bearing. This faulty design can lead to a weak middle section of the half bushing, causing the bearing to collapse.*

Lubricant capacity. *To determine lubricant volume, the half bushings were placed in a furnace. Over a 14 hour period, the temperature of the furnace was gradually increased from 80°C to 220°C to mimic the actual temperature of a working straw walker. The test revealed that the look-alike bearing contained 1.2 g of lubricant, while the John Deere bearing contained 27.5 g of lubricant.*

Genuine John Deere: *straw walker bearings have a large lubricant capacity. In this test the bearing held 27.5 g of lubricant.*

Look-alike: *straw walker bearings tested only had a capacity of 1.2 g of lubricant.*

Temperature influence. *Using the same test, the top portions of these bushings were exposed to increasing temperatures for 14 hours. After its exposure to this heat, the look-alike bearing shows significant warping. The John Deere bearing, constructed of wood with low internal tension, withstood temperatures with little change to its shape.*

Genuine John Deere: *Comparing a bearing which has not gone through the temperature test (bottom) with one that has (top) shows no significant change.*

Look-alike *Here the bearing which has gone through the temperature test (top) shows considerable warping.*

Original John Deere Belts

A black belt in efficiency

Genuine John Deere drive belts are not comparable with standard industrial belts or look-alike belts offered by aftermarket suppliers. To make the differences visible we exposed a genuine drive belt for cutting platforms and two look-alike replacements to a belt test. All belts were installed on two pulleys, tightened and then run with a speed of 1580 rpm up to fracture.

The John Deere belt performed for 587 hours and generated a temperature of 70 °C. The first look-alike belt survived for 87 hours and generated a temperature of 80 °C – a critical level. The second belt was an industrial standard belt that stretched too much. After one hour on the test device it was not possible to use it any more. The John Deere belt performed more than six times longer on test than the best replacement.

The reason for this superiority is John Deere's belief in the importance of quality. Every drive belt for John Deere Combine Harvesters is specially developed for its particular application. In addition to the specific dimensions, it features a special rubber mix and an Aramid cord especially designed for heavy duty loads. These cords allow for maximum power transmission without being liable to linear extension.

This is a genuine John Deere drive belt after 587 hours on the test device – it features a 2 mm Aramid cord.

This look-alike belt ruptured after only 87 hours on the test machine – it features a 1.2-mm Aramid cord.

This industrial belt is constructed of 1.5 mm polyester; it elongated too much and the test had to be stopped.

Straw chopper knives

Vibration in the straw chopper can be expensive. Unwanted vibration can lead to premature failure of both the chopper housing and straw hood and can also cause uneven drive loads that can lead to early drive belt failure. To ensure a balanced, smoothly running chopper rotor, genuine John Deere straw chopper knives are manufactured to extremely fine weight tolerances. Look-alike John Deere knives have weight tolerances up to ± 6 g, which is far too much.

Genuine John Deere straw chopper knives have always been built to provide maximum cutting performance and superior durability in case of impact with a foreign object. Now, to optimise straw chopper operation, an improved knife version has been introduced. The new premium chopper knives feature an asymmetrical cutting edge that improves the aerodynamics and reduces torsional and bending stresses.

The knife features a very tough body and a very hard cutting edge. The new knife is interchangeable with the earlier version and is suitable for all 9000 T and C Series Combines equipped with the Premium straw chopper.

The following examples show some of our test results, beginning with measurement of weight tolerances and continuing with laboratory results showing the different material hardness and manufacturing process.

Part No.	Description	Use on
Standard Knives		
Z59033	*Counter knife – serrated*	*2000, 2200, 9000, CTS, CTSII, W, T and C Series combines*
Z77601	*Counter knife – serrated*	*1100, 1450, 1550, 2000, 2200, 9000, CTS, CTSII, W, T and C Series combines*
Z59020	*Counter knife – smooth*	*2000, 2200, 9000, CTS, CTSII, W, T and C-Series combines*
Z53454	*Counter knife – smooth*	*1100, 2000, 2200, 9000, CTS, CTSII, W, T and C-Series combines*
Premium Knives		
Z103376	*New Premium chopper knife – smooth*	*9000, W, T and C Series combines with Premium chopper*
Z103205	*New Premium chopper knife – serrated*	*9000,W, T and C Series combines with Premium chopper*
Z75874	*Counter knife*	*9000, W, T and C Series combines with Premium chopper*
Z105500	*Premium chopper corn knife – serrated*	*9000-Series combines, W, T, C Series combines with Premium Chopper*
Z105550	*Premium chopper knife – smooth*	*9000-Series combines, W, T, C Series combines with Premium Chopper*

Precision grinding not only provides an excellent cutting edge, it is also one of the ways in which John Deere ensures that its knives stay within the extremely narrow weight tolerances (± 6 g) that keep your straw chopper rotor running smoothly.

Sloppy grinding leads to differences in weight. This look-alike knife has an uneven cutting edge.

Genuine John Deere straw chopper knives are zone hardened, allowing for deeper hardness in specific areas and enabling them to withstand higher stress levels.

The look-alike straw chopper knife is completely hardened, causing the knife to be brittle and increasing the chance of breakage if the knife comes into contact with a foreign object. This is not only a hazard to bystanders, but also causes damage to the machine.

To prevent cracks in the area of the pivot hole, John Deere knives are reamed after punching to ensure that loads on the rotor are spread evenly over the inner surfaces of the bore.

Manufacturers of look-alike knoves avoid reaming the knife after punching in order to save machining steps. This increases the wear on the bore and pivot and increases the risk of breakage.

Genuine John Deere batteries

Genuine John Deere batteries are designed specifically for the demands of an agricultural work environment. Their special grid geometry, for example, provides improved electrical conductivity. In plain terms that means you can count on your John Deere battery to deliver excellent starting performance, even under the most extreme conditions.

Our batteries also use a hybrid technology which ensures minimal self-discharging and water loss. The advantage for you is longer service life, extended storage life and a battery that is maintenance free. And you will find that they are tougher, easily handling the stress of daily agricultural use. The robust intercell connectors and plate mountings ensure optimum resistance to vibration.

We could go on and on – but try it yourself and you will see, John Deere batteries are the best power source for your agricultural machinery.

Batteries		
925–975, 930–970, 952, 1032–1085, 1133–1158, 2054, 2056, 2058, 2064, 2066, 2254, 2256, 2258, 2264, 2266	*88 Ah*	***AL112404/405***
2254, 2256, 2258, 2264, 2266, 2266E, WTS/iWTS, 9540, 9640, 9560, 9660, 9580, 9680, CTS/iCTS 9780	*174 Ah*	***AL119625***
1065, 1068, 1072, 1075–1085, 1166, 1169, 1174, 1177	*110 Ah*	***AZ27734***
9880 STS, 9880i STS	*190RC*/107 Ah*	***TY6128***
9540, 9560, 9580, 9640, 9660, 9680, 9780, CTS, CTS II, WTS	*120RC*/73 Ah*	***TY25272***
9560i STS	*180RC*/95 Ah*	***TY25803***

** RC (Reserve Capacity): A battery reserve capacity represents the length of time the battery can maintain the vehicle's electrical needs in the event the alternator fails. The Battery Council International defines Reserve Capacity as a measure of the time (in minutes) a lead-acid battery can deliver 25 amps at 26.6 degree Celsius and maintain a terminal voltage of at least 1.75 volts/cell.*

Genuine John Deere Lubricants

The best for your engine

You expect your combine to work hard under tough, demanding conditions and in all kinds of harsh weather. And you have invested in the reliability of a John Deere.

Make the same wise decision when it comes to engine oil. Specially developed John Deere engine oil protects your engine and saves you money.

PLUS-50 15w40	
VC50000X200	*209 l*
VC50000X020	*20 l*
VC50000X005	*5 l*
VC50000X1000	*Container 1000 l*

***PLUS-50 engine oil** has been developed exclusively for engines that work under heavy, continuous loads,. Plus-50 oil reduces harmful engine deposits that can cause oil consumption, extreme wear and loss of power. And Plus-50 oil simply lasts longer. When used with a John Deere filter in a John Deere engine, drain intervals may increase by 50%. That means you'll use less oil and fewer filters. And you'll reduce your maintenance costs and downtime.*

TORQ GARD 15w40	
VC83070-200	*209 l*
VC83070-020	*20 l*
VC83070-005	*5 l*
VC83070-1000	*Container 1000 l*

***TORQ-GARD SUPREME engine oil.** This high performance oil was specially developed to cater for the demands of new generation engines. It has a broad range of performance characteristics that allow it to be used in diverse situations and in hot or cold weather.*

HY GARD	
VC81824-200	*209 l*
VC81824-020	*20 l*
VC81824-005	*5 l*
VC81824-1000	*Container 1000 l*

***HY-GARD Transmission and hydraulic oil.** This sophisticated universal transmission oil provides a high performance and wear protection for John Deere hydraulic and transmission systems.*

Extreme Gard 80w90	
VC82610X020	*20 l*
VC82610X005	*5 l*
VC82610X001	*1 l*

***EXTREME-GARD Transmission and hydraulic oil.** This extreme pressure GL5 transmission oil is designed for the effective lubrication of mechanical transmissions and gearboxes in John Deere agricultural machinery.*

Genuine John Deere Coolant

A cool engine

Cool-Gard is a ready to use, high performance monoethylene glycol-based anti-freeze fluid that has been designed specifically for direct use in the engine cooling systems of John Deere equipment. It minimises the formation of deposits, prevents foaming in use and offers protection over a wide temperature range. A wetting agent improves contact between the product and the surfaces to be protected (cylinder block, liners, etc.).

Cool-Gard	
EPH76215-200	*200 l*
EPH76215-020	*20 l*
EPH76215-005	*5 l*

John Deere Grease

Keeping friction to a minimum

John Deere Grease-Gard agricultural greases have been specifically developed for protecting, lubricating and helping to improve the efficiency and productivity of agricultural machinery.

Grease Gard Premium	
VC65723-004	*400 g*
VC65723-005	*5 kg*
VC65723-020	*20 kg*

***Grease Gard Premium** is a high quality, multi-purpose lithium grease with excellent performance in light – to medium duty applications.*

Grease Gard Premium Plus	
VC67009X004	*400 g*
VC67009X005	*5 kg*
VC67009X020	*20 kg*

*For even greater protection, **Grease-Gard Premium Plus** is an all-purpose solution for those who require heavy duty resistance to high temperatures and equipment vibration and excellent protection in corrosive and wet conditions.*

Genuine John Deere filters

Filters: your hidden helpers
Filters are vital to the performance and life-span of your engine and hydraulics. It is of the greatest importance that you use the off season for a quick filter inspection, so that your next harvest season is just as trouble free as the last.

Genuine John Deere filters provide the best possible protection for you and your machine. Engineered to operate in demanding agricultural environments, our heavy duty fresh air filter protects you from airborne allergens by removing dust, pollen and mould spores down to 1 micron in size.

And our hydraulic and engine filters give your operating system the same thorough protection. So be sure to insist on genuine John Deere air and liquid filtration solutions to increase engine protection, extend service intervals and increase your machine uptime.

Engine: Primary air filter

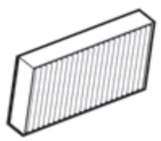
AZ26091	2X54 – 2X56
AZ48195	2X58 – 2X66
AH148880	95X0 WTS, 96X0 WTS, 9780 CTS, W5X0, W6X0, T5X0, T6X0, C670

Change annually and clean daily.

Engine: Secondary air filter

AZ26007	2X54 – 2X56
AZ48196	2X58 – 2X66
RE63932	95X0 WTS, 96X0 WTS, 9780 CTS, W5X0, W6X0, T5X0, T6X0, C670

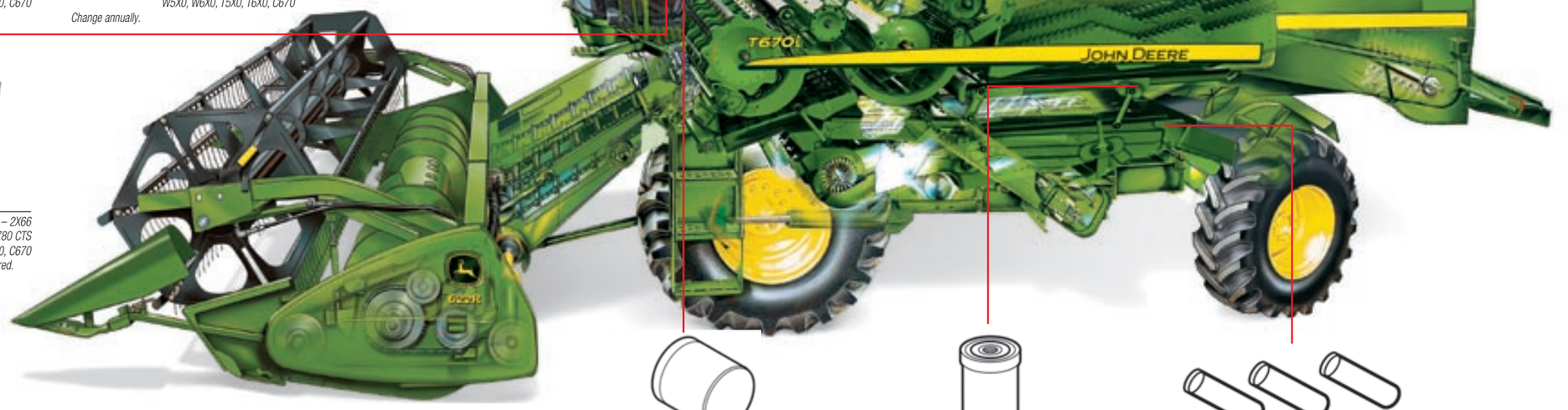
Change annually.



Cab: Recirculation air filter

Z62223	2X54 – 2X66
AH115836	95X0 WTS, 96X0 WTS, 9780 CTS
H220870	W5X0, W6X0, T5X0, T6X0, C670

Clean or replace every 200 hours and as required.



Cab: Air filter, standard

AZ43412	2X54 – 2X66
AH115833	95X0 WTS, 96X0 WTS, 9780 CTS, W5X0, W6X0, T5X0, T6X0, C670

Clean or replace after 50 hours and as required.

Engine: Fuel water separator filter

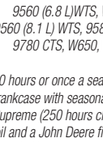
AZ34554	2X54 – 2X66
RE67901	9540 WTS
RE517180	9560 (6.8 L) WTS
R502778	9560 (8.1 L) WTS, 9580 WTS, 96X0 WTS, 9780CTS
RE529643	W540, W550, T550
AH226195	W650, W660, T560, T660, T670, C670

Clean or replace as required.

Hydraulic/hydrostatic/engine gearcase: Filter element

Standard transmission:	
please order 2 x **AH128449**	2X54 – 2X66, 95X0 WTS, 96X0 WTS, 9780 CTS
w/o Pro Drive: please order 2 x **AH128449**	W5X0, W6X0, T5X0, T6X0, C670
w/ Pro Drive: please order 3 x **AH128449**	W5X0, W6X0, T5X0, T6X0, C670
Filter element (Hydraulic)	
AH128449	2X54 – 2X66 (level) 95X0 WTS (level), 96X0 WTS (level) 9780 CTS (level)
AT129775	2X54 – 2X66 HM, 95X0 WTS HM, 96X0 WTS HM, 9780 CTS HM
AH128449	W5X0, W6X0, T5X0, T6X0, C670

Replace every 400 hours.



Engine: Oil Filter

RE46380	2X64 – 2X66
RE57394	2X56 – 2X66
T19044	2X54
RE504564	9540 WTS
RE504836	9560 (6.8 L)WTS, W540, W550, T550
RE509672	9560 (8.1 L) WTS, 9580 WTS, 96X0 WTS, 9780 CTS, W650, W660, T560, T660, T670, C670

Replace every 250 hours or once a season, whichever occurs first. Fill crankcase with seasonal viscosity grade oil or Torq-Gard Supreme (250 hours change interval). If using Plus-50 oil and a John Deere filter, the service interval can be extended by 50 percent. Example: 250 hours extend to 375 hours.

Engine: Fuel filter

RE64450	2X54 – 2X66
RE509036	9540 WTS (level)
RE509031	9540 WTS HM
RE509032	9560 WTS (6.8 L)
RE522372	9560 WTS (8.1 L), 9580 WTS, 96X0 WTS, 9780 CTS
RE522878	W540, W550, T550
RE525523	W650, W660, T560, T660, T670, C670

Clean or replace every 500 hours and as required.

Performance & Enhancing Kits

Enhancements for 600 Series cutting platforms
General combine enhancements

There are many things that you can do to customise your John Deere combine harvester and make it fit your specific needs. Here you will find a selection of attachments that will allow you to adapt your John Deere combine so that you will be able to achieve 100% performance under the conditions you face. If you have any questions on any of these items, your dealer will gladly supply you with more detailed information.

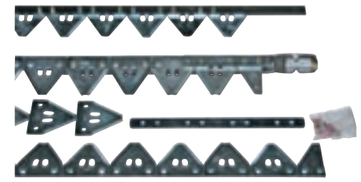
Enhancements for the 600 Series cutting platforms

Tapered auger flight extensions. *Recommended for walker combines for most dry crops (not for rape), bolted tapered flights ensure a smooth equal material flow. They take more material to the centre of the feederhouse, improving feeding and distribution of the crop over the width of the combine. (Not recommended for CTS and STS machines.)*
Part No. ***BZ13554***

Short crop dividers. *Standard for most crops and conditions, these short crop dividers do exactly what the name says to avoid cutting too close to the grain or pod. And there is no risk of damage when storing them on the platform.*
Part No. ***BZ13620*** *(right)*
Part No. ***BZ13621*** *(left)*

Knife segments for 600 Series cutting platforms

Because of different lengths and types of cutting platform it is difficult to have an overview of knife segments on 600 Series cutting platforms. Below you will find a summary of which knives are required.



There are three different knife types available: knives with coarse serrated sections and knives with fine serrated sections for welded knife guards as well as knives with fine serrated sections for forged knife guards. The coarse serrated sections Z93077 for steel fingers are indicated by 19 teeth per cutting edge, the fine serrated sections Z93078 by 25 teeth. The sections for forged fingers H201602 have 22 teeth per cutting edge.

Knife segments are connected together using couplers containing 1 knife back coupler, 3 knives and hardware. The following table shows the number of knife sections for each segment, the coupler(s) and a sum for the complete knife (S).

Welded Knife Guards (coarse serration = 19 teeth)									
Width	**H**ead Section	**M**iddle Section	**E**nd Section	**C**oupler	Number of knives **Z93077**				
					H	**M**	**E**	**C**	∑
614	AH168890		AH202536	AH168906	27		24	3	54
615	AH168890		AH168894	AH168906	27		30	3	60
618	AH168890	AH168892	AH168896	(2) AH168906	27	29	10	6	72
620	AH168890	AH168892	AH168898	(2) AH168906	27	29	18	6	80
622	AH168890	AH168892	AH168900	(2) AH168906	27	29	26	6	88
625	AH168890	(2) AH168892	AH168902	(2) AH168906	27	58	6	9	100
630	AH168890	(2) AH168892	AH168900	(2) AH168906	27	58	26	9	120

Welded Knife Guards (fine serration = 25 teeth)									
Width	**H**ead Section	**M**iddle Section	**E**nd Section	**C**oupler	Number of knives **Z93078**				
					H	**M**	**E**	**C**	∑
614	AH168891		AH202537	AH168907	27		24	3	54
615	AH168891		AH168895	AH168907	27		30	3	60
618	AH168891	AH168893	AH168897	(2) AH168907	27	29	10	6	72
620	AH168891	AH168893	AH168899	(2) AH168907	27	29	18	6	80
622	AH168891	AH168893	AH168901	(2) AH168907	27	29	26	6	88
625	AH168891	(2) AH168893	AH168903	(2) AH168907	27	58	6	9	100
630	AH168891	(2) AH168893	AH168901	(2) AH168907	27	58	26	9	120

Forged Knife Guards (22 teeth)									
Width	**H**ead Section	**M**iddle Section	**E**nd Section	**C**oupler	Number of knives **H201602**				
					H	**M**	**E**	**C**	∑
614	AH202032		AH204636	AH202040	33		18	3	54
615	AH202032		AH204637	AH202040	33		24	3	60
618	AH202032	AH202033	*	(2) AH202040	33	33		6	72
620	AH202032	AH202033	AH204638	(2) AH202040	33	33	8	6	80
622	AH202032	AH202033	AH204639	(2) AH202040	33	33	16	6	88
625	AH202032	AH202033	AH204640	(2) AH202040	33	33	28	6	100
630	AH202032	(2) AH202033	AH204641	(2) AH202040	33	36	12	9	120

* An end segment for 618 cutting platform with forged fingers is not available. Following single parts (1) H204912 knife back, (1) H202522 half section, (2) 14M7303 nut and (2) H158341 screw are needed to complete the knife.

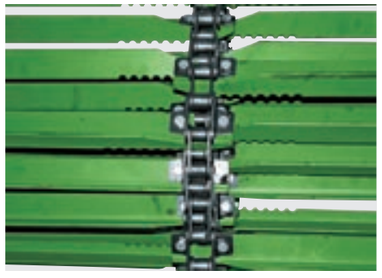
General combine enhancements

These bundles are recommended for different kinds of crops and conditions to increase the performance of your combine.

Cleaning paddle set. *This set of 3 steel paddles prevents build-up within the elevator housing. Recommended for rice, maize, small grain and grass, the cleaning paddle removes dirt in the elevator. Every 11th paddle needs to be equipped.*
Part No. ***AZ100984***

Slip clutch for a clean grain elevator. *The slip clutch protects your belts from rupturing or even overheating when there is a blockage. Recommended for rice, peas & soybeans and grass.*
Part No. ***BZ100232***

Adjustable auger covers bundle. *Adjustable covers allow quick removal for grass seed and adjustments for other crops. New drive parts allow adapting speed of vertical to horizontal auger to prevent shear bolt failure. Recommended for grass, seed, maize.*
Part No. ***BZ100150/BZ100151***



Heavy duty feeding chain. *The improved durability of our heavy duty feeding chain reduces maintenance and extends your service intervals. Recommended for rice and small grain.*
Part No. ***AZ102571/AZ102572***

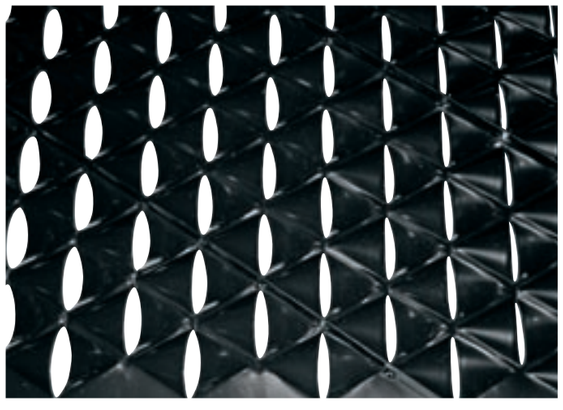
Threshing cylinder reduction gear. *When you need a slower cylinder speed range to reduce grain damage the John Deere reduction gear reduces cylinder speed from 500 – 1000 rpm to 250 – 600 rpm without decreasing engine speed. Recommended for rape, corn, peas and soybeans.*
Part No. ***BZ13350***

Beater speed reduction kit. *To improve grain quality, an optional slower speed drive can be installed for the beater which leads to a speed reduction of 75%. Recommended for peas, soybeans and maize.*
Part No. ***BZ13327***

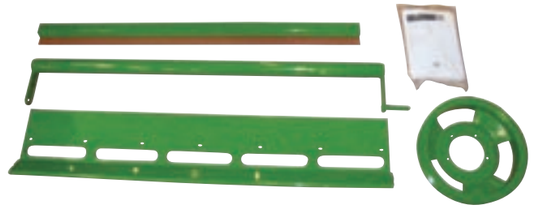
Special attachments for maize and rice harvesting

For maize harvesting

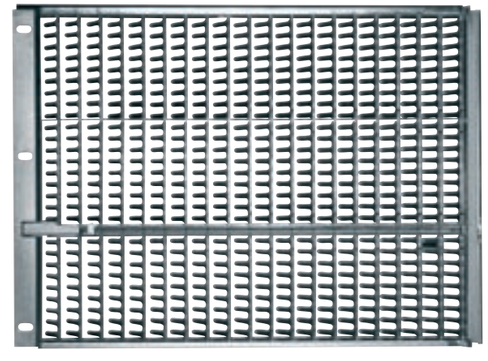
Filler plates for threshing drum and feederhouse sprocket. *If you require cob in your maize, these filler plates will prevent the cobs from entering the threshing drum so that they pass through the machine without being threshed. The addition of a feeding chain sprocket will reduce the feeding chain speed to prevent kernel damage.*
Part No. ***BZ100134/BZ100135***



Corn-cob-mix (CCM) chaffer. *This bundle contains two special sieves desi-gned specially for corn cob mix harvesting. The openings in these sieves allow the cobs to pass through without plugging the sieves, giving you the entire cob with kernels.Part No.* ***BZ100051/BZ100052***

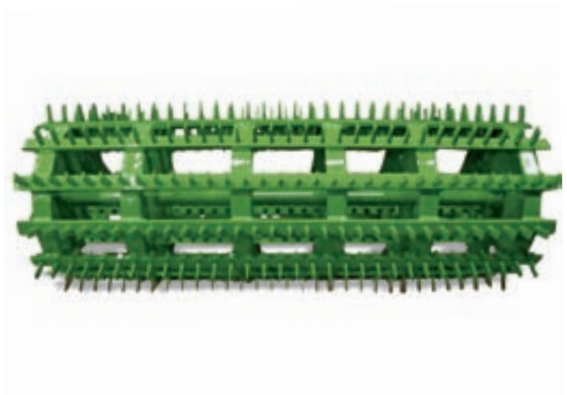


Speed reduction kit for straw chopper. *This bundle is recommended for threshing corn. Harvesting corn always puts a very heavy load on the chopper. This makes it important to reduce the speed of the straw chopper knives in order to prevent unnecessary damage. This speed reduction kit lowers the speed of the straw chopper knives from 3600 rpm to 1800 rpm.*
Part No. ***BZ100103/BZ100104/BZ100181***



Deep tooth chaffer. *The special orifice form of the deep tooth chaffer prevents plugging that can occur when harvesting in moist conditions.*
Part No. ***BZ100047/BZ100049***

Special attachments for rice harvesting



Spike tooth cylinder and concave. *Specially designed to deal with the difficulties of threshing rice, this bundle contains a cylinder and a concave which are both equipped with teeth. These teeth provide very soft treatment of the rice, preventing damage to the rice corn and making your rice harvest much more efficient. In tough conditions with green straw it prevents concave plugging.*
Part No. ***BZ100225/BZ100226***

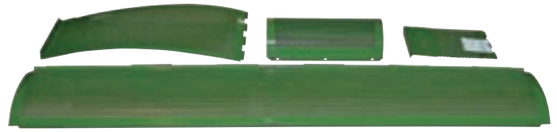
Grain tank bottom floor liner. *This stainless steel liner prevents premature auger wear and can also be used as a repair solution.*
Part No. ***AH168093***

Special attachments for pea, soybean, small grain and grass seed harvesting

For pea and soybean harvesting

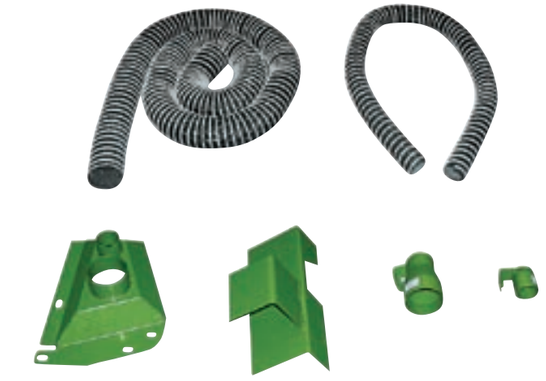
Perforated feederhouse floor. *By exchanging the closed feederhouse floor with a perforated pea floor, the dirt is sieved out before the plant enters the threshing area. The bundle contains 2 perforated floors.*
Part No. ***BZ13638/BZ13639***

Top covers for C-series rotors. *Reduce separator losses by installing a set of 10° top covers (1 x left hand, 1 x right hand cover) in middle position rather than the standard 20° covers. The two 10° top covers allow you to keep the material in the machine for a longer time, resulting in a more efficient separation process.*
Part No. ***AH13677*** *(left) /* ***AH13678*** *(right)*



Pea cover. *Easy to exchange, these perforated flaps for the elevators and the clean grain cross auger will reduce dirt in the grain tank and reduce auger wear.*
Part No. ***BZ100042/BZ13345***

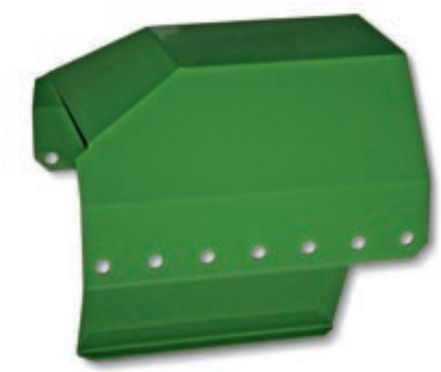
For small grain harvesting



Air flow kit. *These air flow plates use a part of the discharged air to blow away chaff and straw in critical areas of the engine, decreasing fire danger and increasing the cleaning intervals for the engine deck in dusty conditions.*
Part No. ***BZ100218***

For small grain harvesting

De-awning bar. *This bar increases the threshing efficiency of your combine in hard to thresh crops (e.g. barley, wheat) without closing the de-awning plates. This helps to achieve maximum separation in the concave area.*
Part No. ***AZ63896/AZ63897***



Filling auger deflector. *This deflector prevents grain losses outside the grain tank at maximum throughput.*
Part No. ***Z79236***

For grass harvesting

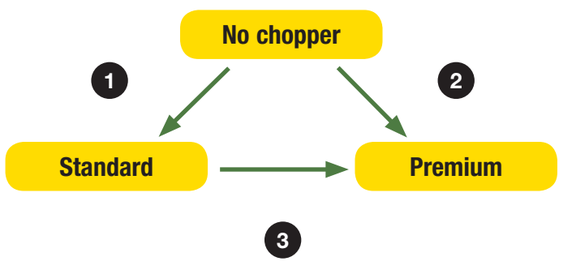
Slow fan speed. *By reducing the fan speed from 650 to 350 rpm you can allow light crops to fall through the sieves instead of being blown out of the machine.*
Part No. ***BZ13666***

Grass kit for clean grain elevator top housing. *Propeller turns in same rpm as filling auger to prevent a build-up in the transition area between the elevator and the filling auger.*
Part No. ***BZ100040/BZ100233***

Residue management: straw choppers, tailboards and chaff spreaders

Straw choppers

There are three ways to equip your John Deere combine with a straw chopper or increase its performance. If you have no straw chopper you can choose a standard chopper (1). Or you can choose the premium chopper (2) with improved efficiency and an extra fine cut. And if you already have a standard chopper installed on your machine, why not upgrade to a premium chopper (3).



Standard chopper. *Standard straw chopper with 3600 rpm rotor speed. Provides a very regular, fine cut. Drive parts are included.*
Part No. ***BZ13415/13416***

Premium chopper (2). *The premium straw chopper with 3500 / 1700 (for corn) rpm rotor speed and 88 (5 walker) / 108 (6 walker) knives in 8 knife rows provides an extra short fine cut in all conditions. Even straw distribution for platforms up to 9 m. Drive parts are included.*
Part No. ***BZ13612/BZ100101/BZ100102***

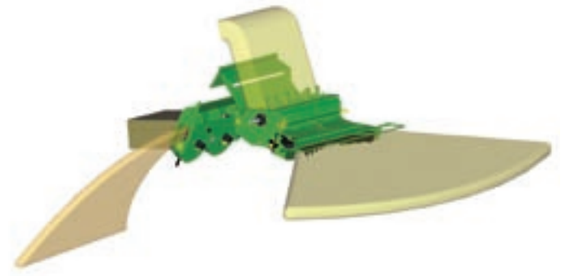
Premium chopper rebuild kit. *Transform your standard straw chopper into a premium straw chopper. With an increased number of knives, this kit allows greater throughput with consistently high chopping quality. The kit includes a tailboard and should be used in combination with the premium chaff spreader.*
Part No. ***BZ13498/BZ13499/BZ100105/BZ100106***

Tailboards

Tailboard with electric remote control. *Designed for use with a standard chopper, this tailboard has an electric remote control making it easy to adjust the chopper vanes on-the-go when harvesting under difficult conditions (side wind).*
Part No. ***BZ13395/BZ13398***

Chaff spreader

Standard chaff spreader. *This standard chaff spreader blows the material coming from the cleaning area to both sides. Includes hydraulic parts.*
Part No. ***BZ100119–BZ100122/BZ13622 –BZ13625***



Premium chaff spreader. *This premium chaff spreader gives you the option of spreading the chaff either on the side or alternatively into the straw. Hydraulic parts are included.*
Part No. ***BZ100123/BZ13627***

Premium chaff spreader rebuild kit. *Turn your standard chaff spreader into a premium chaff spreader with this convenient kit.*
Part No. ***BZ13502***

Video observation system

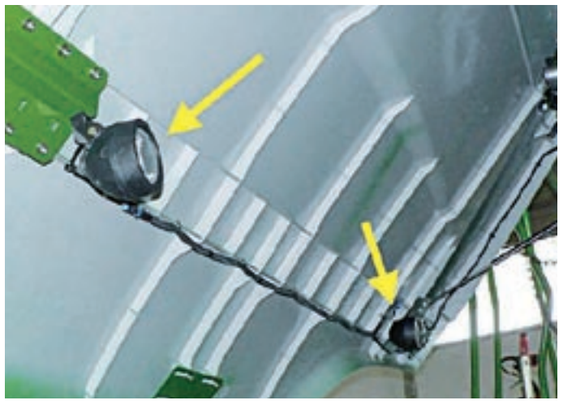
In demanding off-road applications, heavy duty equipment is necessary for productivity and safety. This is also true for CCTV equipment. These heavy duty cameras are designed for installation at the rear hood and unloading auger, enabling you to observe the unloading and chopper spread pattern from the monitor in the cab.
Part No. ***MC5000000000*** *(1 camera, 1 monitor, 1 x 15 m cable)*
Part No. ***MC5200000000*** *(2 cameras, 1 monitor, 2 x 15 m cables)*
Part No. ***MC5400000000*** *(3 cameras, 1 quad-split monitor, 3 x 15 m cables)*

Multi-function camera holder
Allows camera to be mounted in many locations.
Part No. ***Z101225***

Combine camera holder
Allows camera to be mounted on standard rate unloading auger.
Part No. ***AH217774***

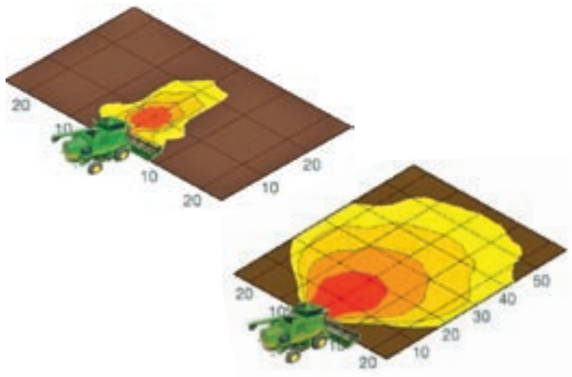
Monitor holder
Allows monitor to be mounted in the cab.
Part No. ***L113657***

Service lights



With five service lights, night time maintenance is simple. This bundle includes two lights under left hand side panel, one light under right hand side panel, one light for the rear access ladder / radiator screen and one light for the engine compartment.
Part No. ***BZ13418***

Xenon working lights



These Xenon working lights deliver 100% greater illuminated area for easier and safer night operation. The Xenon working lights omit less heat and last up to five times longer than regular equipment halogen lights.

Trailer brackets

Trailer bracket with manual hitch. *Enables your harvester to pull a header trailer. Manual hitch.*
Part No. ***BZ13349***

Trailer bracket with automatic hitch. *Enables your harvester to pull a header trailer. Automatic hitch.*
Part No. ***BZ100199/BZ100200***

StarFire iTC Receiver
GreenStar 2600
AutoTrac Assisted Steering

HarvestMonitor
HarvestDoc

Ag Management Solutions
Modern agriculture is faced with international competition on the one hand and increasing costs of production on the other. With guidance and documentation, John Deere's Ag Management Solutions help reduce input costs, increase productivity and take strain off the operator – from tillage to harvesting.

At the heart of all Ag Management Solutions are the GreenStar Common Components: The StarFire iTC receiver and the GreenStar 2600 Display.

StarFire iTC Receiver

The **StarFire iTC** pinpoints your exact in-field position for all your guidance and documentation features. With its integrated Terrain Compensation module it can correct all position calculations to adjust for uneven ground and slopes. The StarFire iTC receiver can easily be transferred to other vehicles, whether they are tractors, combines, forage harvesters or self-propelled sprayers. And with scalable accuracy you are flexible to choose between three different satellite signals – depending on the accuracy you need in the field.

GreenStar 2600 Display

A large colour touch screen display, the GreenStar 2600 is easy to use and easy to read in all light conditions. During harvest, on screen yield mapping and split screen functionality allow you to precisely follow your in field operation.

Use it on all your machines and the GreenStar 2600 brings you four features in only one display. It gives you full control of all your guidance applications, conforms to ISOBUS standards and comes pre loaded with field documentation to boost productivity. It can also act as a machine performance monitor.

Hands-free AutoTrac Assisted steering

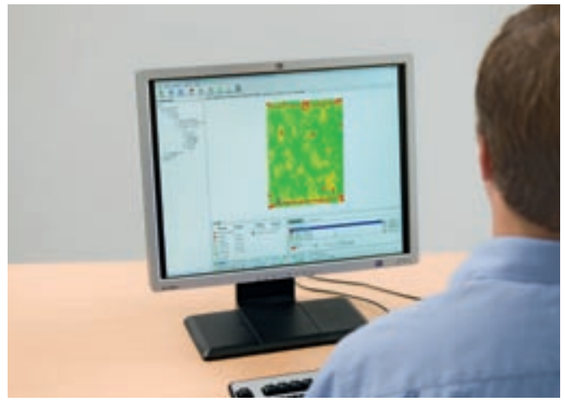
Want to maximise every pass in the field and reduce the workload on your operators? Then simply add satellite based AutoTrac assisted steering and experience its many advantages:

- Always use the full platform width in straight tracks or curves
- Open up straight and parallel lands
- Time to optimise combine performance
- Continue working at night and in low visibility conditions
- Unload on-the-go with ease when the tractor has AutoTrac as well
- Faster headland turns, e.g. taking every 2nd pass
- Reduced input cost and higher productivity
- Higher operator comfort

Harvest Monitor & HarvestDoc

Track tonnage while you harvest. With John Deere's Harvest Monitor you can accurately observe your harvest data either in the new CommandCenter display or with the GreenStar 2600.

One step up, on your GreenStar 2600 display HarvestDoc records all valuable harvesting data linked to the in-field location. Easily transfer this data to your office computer to optimise future operations according to yield maps and to fulfil traceability requirements.



Attachments

List of bundles

Part No.	Description	9000-Series 95X0WTS	9000-Series 96X0WTS	W-Series W5X0	W-Series W6X0	T-Series T5X0	T-Series T6X0	9780CTS	C670	CTS (MY '98-00)
AH127396	Perforated clean grain elevator bottom flap									●1
AH127397	Perforated clean grain elevator bottom flap									●1
AH127871	Step pan precleaner (solid element)									●1
AH130893	Perforated tailings elevator bottom flap									●1
AH131217	3 mm round holes sieves									●1
AH131219	10 mm round holes sieves									●1
AH137677	Top covers C-series rotor (LH side)							●1	●	
AH137678	Top covers C-series rotor (RH side)							●1	●	
AH139389	Perforated clean grain elevator door									●1,2
AH149349	Feederhouse drive sprocket Z15/22									●1
AH155265	60 mm diameter feederhouse lift cylinder									●1
AH168093	Grain tank bottom floor liner	●		●		●		●	●	
AH172945	Deep tooth precleaner (without solid steel front section)									●1
AH217774	Combine camera holder	●	●	●	●	●	●	●	●	●1
AZ100984	Grain elevator cleaning paddle set	●1	●1							●1
AZ102571	Heavy duty feeding chain	●		●		●		●	●	
AZ102572	Heavy duty feeding chain		●		●		●			
AZ63896	De-awning Bar	●1		●1		●1		●1	●1	●1
AZ63897	De-awning Bar		●1		●1		●1			
BH78486	Front concave closure plates									●1
BH79964	4 wheel drive hydaulic hose conversion									●1
BH80119	Complete threshing system spike tooth cylinder and concave									●1
BH80132	Separating elements for corn									●1
BH80390	Chaff spreader equipped with US straw chopper									●1
BH80584	4 wheel drive conversion (1600 ccm motor) for 3 metre rear axle									●1
BH80834	165 mm front axle spacers									●1
BH81175	Slow speed beater drive 400/700 rpm									●1
BH81191	Slow speed fan kit 500-1100 rpm									●1
BH81255	Power strip electrical outlets (located in cab)									●1
BH81389	Feederhouse reverser gearbox oil cooler									●1
BH84108	Adapter kit for 90er series corn head									●1
BH84151	Adapter kit for 90er series corn head									●1
BH84202	Xenon high intensity distance lights									●1
BH84206	Hydraulic parts to retrofit a 600R Series cutting platform to a CTS combine									●1
BH84211	Mechanical parts to retrofit a 600R Series cutting platform to a CTS combine									●1
BH84498	HarvestSmart (feedrate) control		●1	●1	●1	●1	●1	●1	●1	
BZ100007	Bundle to harvest rice (5 walker WTS and W5X0)	●1		●						
BZ100009	Bundle to harvest rice (6 walker WTS and W6X0)		●1		●1					
BZ100019	Remote shoe adjustment (6 walker combine)		●1,2		●2		●2			
BZ100020	Remote shoe adjustment (5 walker combine and 9780CTS & C670)	●1,2		●2		●2		●2	●2	
BZ100023	Corn Cob Mix (CCM) sieves	●1						●		●1
BZ100028	Remote shoe adjustment	●1,2								
BZ100039	Speed reduction kit for Premium chopper							●		●1
BZ100040	Grain tank filling auger bundle	●1	●1	●	●	●	●	●	●	●1
BZ100047	Electrical adjustable deep tooth chaffer and precleaner		●1,2		●2		●2			
BZ100048	Manual adjustable deep tooth chaffer and precleaner		●1,2		●2		●2			
BZ100049	Electrical adjustable deep tooth chaffer and precleaner	●1,2		●2		●2		●1,2	●2	
BZ100050	Manual adjustable deep tooth chaffer and precleaner	●1,2		●2		●2		●1,2	●2	
BZ100051	Corn Cob Mix (CCM) chaffer – 6 walker body		●1		●		●			
BZ100052	Corn Cob Mix (CCM) chaffer – 5 walker body	●1		●		●		●1	●	
BZ100053	Slip clutch feederhouse conveyor chain	●1	●1	base		base		●1	base	
BZ100091	Rotor discharge section extension							●1		
BZ100092	Straight chute and finger rake							●1		
BZ100101	Premium chopper for 5 walker combine	●1		●		●				
BZ100102	Premium chopper for 6 walker combine		●1		●		●			
BZ100103	Speed reduction kit for premium chopper (5 walker combine)	●1		●		●				
BZ100104	Speed reduction kit for premium chopper (6 walker combine)		●1		●		●			
BZ100105	Premium chopper "REBUILD KIT" (5 walker combine)	●1		●		●				
BZ100106	Premium chopper "REBUILD KIT" (6 walker combine)		●1		●		●			
BZ100112	Rear hood extension (5 walker combine)	●1,2								
BZ100113	Rear hood extension (6 walker combine)		●1,2							
BZ100116	Tyre ring spacers (304.8 mm – final drive)	●1								
BZ100117	Tyre ring spacers (335 mm – final drive)		●1	●	●	●	●	●1	●	
BZ100119	Standard chaff spreader (5 walker level land combine)	●1,4		●1,4		●1,4				
BZ100120	Standard chaff spreader (5 walker HM combine)	●1,3		●1,3		●1,3				
BZ100121	Standard chaff spreader (6 walker level land combine)		●1,4		●1,4		●1,4			
BZ100122	Standard chaff spreader (6 walker HM combine)		●1,3,		●1,3		●1,3			
BZ100123	Premium chaff spreader (6 walker combine)		●1		●		●			

Part No.	Description	9000-Series 95X0WTS	9000-Series 96X0WTS	W-Series W5X0	W-Series W6X0	T-Series T5X0	T-Series T6X0	9780CTS	C670	CTS (MY '98-00)
BZ100134	Filler plates for threshing drum and feederhouse speed reduction sprocket		●1		●		●			
BZ100135	Filler plates for threshing drum and feederhouse speed reduction sprocket	●1		●		●		●1	●	
BZ100146	High capacity oil cooler	●1,3	●1,3	●1,3	●1,3	●1,3	●1,3	●1,3	●1,3	
BZ100150	Adjustable grain tank auger covers bundle	●1		●		●		●1	●	
BZ100151	Adjustable grain tank auger covers bundle		●1		●		●			
BZ100152	Smooth surface power separator (5 walker combine)	●1								
BZ100153	Smooth surface power separator (6 walker combine)		●1							
BZ100158	V-shape vanes for 9780CTS and C670 premium chopper							●1	●	
BZ100159	Discharge beater anti wrapping deflector kit							●1	●	
BZ100181	Speed reduction kit for 9780i CTS & C670 premium chopper							●1	●	
BZ100183	4 wheel drive bundle for T-Series comb. equipped with 3 speed transmission					●	●			
BZ100184	Oil to oil heat exchanger	●1	●1							
BZ100191	Pivoting wind paddles (for 5 walker combines and 9780i CTS)	●1		●		●		●1	base	
BZ100192	Pivoting wind paddles (for 6 walker combines)		●1		●		●			
BZ100199	Trailer bracket with automatic hitch for level land combines	●4	●4	●4	●4	●4	●4	●4	●4	
BZ100200	Trailer bracket with automatic hitch for HM combines	●3	●3	●3	●3)	●3	●3	●3	●3	
BZ100208	4 wheel drive for ProDrive combines			●5	●5				●5	
BZ100209	4 wheel drive for ProDrive combines					●5	●5			
BZ100218	Air flow kit	●1	●1	●1	●1	●1	●1	●1	●1	
BZ100225	Bundle to harvest rice (5 Walker T and C670)					●			●	
BZ100226	Bundle to harvest rice (6 Walker T and C670)						●			
BZ100232	Slip clutch clean grain elevator	●	●	●	●	●	●	●	●	
BZ100233	Grass seed bundle	●	●	●	●	●	●	●	●	
BZ13349	Trailer bracket with manual hitch (Level Land)	●1,4	●1,4	●1,4	●1,4	●1,4	●1,4	●1,4	●1,4	
BZ13350	Dual speed cylinder drive	●1	●1	●	●	●	●	●1	●	
BZ13351	Chaff spreader for CTS level land equipped with straw chopper							●1,2,4		
BZ13352	Chaff spreader for 9780CTS HM equipped with straw chopperr							●1,2,3		
BZ13368	Standard straw chopper for 9780CTS with serrated knives							●		
BZ13395	Tailboard with electr. remote control for stand. straw chopper (for 6 walker comb.)		●1		●		●			
BZ13398	Tailboard with electr. remote control for stand. straw chopper (for 5 walker comb.)	●1		●		●				
BZ13415	Standard straw chopper with serrated knives without tailboard (5 walker combine)	●1		●		●				
BZ13416	Standard straw chopper with serrated knives without tailboard (6 walker combine)		●1		●		●			
BZ13418	Bundle with 5 service lights	●1	●1	●	●	●	●	●1	●	
BZ13486	Slow speed drive (1800 rpm) for Premium straw chopper (5 & 6 walker combine)	●1								
BZ13498	Premium chopper "REBUILD KIT" (6 walker combine)		●1		●		●			
BZ13499	Premium chopper rebuild kit							●1		
BZ13502	Premium chaff spreader rebuild kit							●1		
BZ13571	Retrofit a 600R platform to a CTS (MY'00) combine (Electrical parts)									●1
BZ13572	Retrofit a 600R platform to a CTS (MY'98 & 99)combine (Electrical parts)									●1
BZ13589	Tailing monitoring system	●1	●1	●1	●1	●1	●1	●1	●1	
BZ13612	Premium chopper		●1		●		●			
BZ13622	Standard chaff spreader (5 walker level land combine)	●1,4								
BZ13623	Standard chaff spreader (5 walker HM combine)	●1,3								
BZ13624	Standard chaff spreader (6 walker level land combine)		●1,4							
BZ13625	Standard chaff spreader (6 walker HM combine)		●1,3							
BZ13627	Premium chaff spreader (6 walker combine)		●1							
BZ13631	Slug wrench cylinder clearing tool	●1	●1	●	●	●	●	●1	●	
BZ13632	4 wheel drive	●1,2	●1,2	●1,2	●1,2			●1,2	●1,2	
BZ13635	Anchor parts for powered rear axle	●1,2	●1,2	●1,2	●1,2					
BZ13638	Perforated feede house bottom plate – 5 walker body	●1		●		●		●1	●	
BZ13639	Perforated feede house bottom plate – 6 walker body		●1		●		●			
BZ13644	Drive belt cover for straw chopper drive	●1	●1	●	●	●	●			
BZ13645	Drive belt cover for straw chopper drive	●1	●1	●	●	●	●			
BZ13648	Mechanical parts to retrofit a 600R cutting platform to a CTS HM (MY'00) combine									●1
BZ13649	Mechanical parts to retrofit a 600R cutting platform to a CTS combine (MY'98-00)									●1
BZ13650	Mech. parts to retrofit a 600R cutt. platf. to a CTS (MY'98-00) com. (with Headertrak)									●1
BZ13651	Mechanical parts for a lateral tilt feederhouse									●1
BZ13662	Rotary screen brush kit	●1	●1							
BZ13663	Rotary screen brush kit		●1	●1	●1	●1	●1	●1	●1	
BZ13666	Slow fan speed bundle	●1	●1	●	●	●	●	●1	●	
BZ13681	Automatic Combine Adjustment (ACA)	●1	●1	●1	●1	base	base	●1	base	
H132227	Steel elevator paddle for corn									●1
H132228	Steel elevator paddle for corn									●1
H166138	1100 rpm overshot beater drive pulley									●1
H169412	Steel elevator paddle for corn									●1
L113657	Monitor holder	●	●	●	●	●	●	●	●	●1
MC5000000000	CCTV sstem (1 camera)	●	●	●	●	●	●	●	●	●1
MC5200000000	CCTV system (2 cameras)	●	●	●	●	●	●	●	●	●1
MC5400000000	CCTV system (3 cameras)	●	●	●	●	●	●	●	●	●1
Z101225	Multi-function camera holder	●	●	●	●	●	●	●	●	●1
Z79236	Filling auger deflector	●	●	●	●	●	●	●	●	●1

[1] For specific model information please ask your dealer.
[2] Additional parts required. For more information ask your dealer.
[3] HillMaster machines only!
[4] **Not** for HillMaster machines!
[5] Only for ProDrive machines!

John Deere
Parts management

The right part right now.
World-class parts and service …
just around the world.

You expect a lot from your machine.
Your harvest window is getting shorter? You need an excellent performing machine? You need a reliable machine and you need reliable service in case anything happens?

That's just what you can expect when you do business with John Deere and rely on genuine John Deere parts.

Unmatched service and support: *All John Deere dealer technicians receive extensive, ongoing service and technical training. It provides every technician with the highest level of product knowledge and expertise … a competence that you'll appreciate whether your machine needs a thorough overhaul or some quick advice on an error code. Plus, regional training centres keep them up to date on the latest product developments and service techniques.*

ServiceAdvisor *– John Deere's exclusive machine diagnostic system – provides dealer technicians with immediate and accurate diagnostic information to help speed repairs and reduce machine downtime.*

Exceptional parts availability: *All John Deere dealers are connected to a central, worldwide parts database. If the part you need is not in stock, your dealer can quickly query other dealers using the* ***JDPOINT*** *online order system and have the part delivered to your operation the very next day.*

The ***F.L.A.S.H.*** *(Fast Locating And Special Handling) system lets dealers access parts inventories in both Europe and North America.*

JDLink Select *– JDLink Select is the perfect tool for remote machine management. This field kit option provides the customer with maintenance and machine location. Also, notifications are available if a machines leaves a predefined area or is started outside a predefined time frame.*

Convenient location and hours: *John Deere dealers work your hours. Most are open on weekends so you can get the part or service you need as soon as possible. And during the harvest season, dealers provide extended service hours. It's all part of our long term commitment to help keep your business running strongly.*

John Deere Collection
Paints & Chemicals

John Deere Collection

Safety Cap: *black cotton 6 panel cap. All trims are reflective: John Deere and Safety logos.*
Item No.: ***MCJ099378000***

Black Bonnet: *knitted hat with a yellow John Deere logo embroidered on the turn-up. 100% acrylic.*
Item No.: ***MCJ099308000***

Overall: *sportswear style overall with fancy cut outs and topstitching. Press stud fastening, several useful pockets. Soil and stain resistant fabric.*
Material: 40% polyester, 60% cotton.
Available in sizes XS to XXXL.
Item No.: ***MCM830250082 to 88***

Bib and Brace "Black": *functional bib and brace in black with grey contrast seams and green details. Practical pockets and inside knee pad pockets. Stretch area in the back. Material: 35% cotton, 65% polyester. 245 g/m².*
Available in sizes XS to XXL.
Item No.: ***MCS125222082 to 87***

Work Jacket "Black": *black work jacket with grey contrast seams and green details. Several useful pockets. Adjustable cuffs and waist.*
Material: 35% cotton, 65% polyester. 245 g/m².
Available in sizes XS to XXL.
Item No.: ***MCS113832082 to 87***

Winter Jacket: *this insulated jacket will keep you warm. Reflective piping on the arms, chest and back. A detachable hood is built into the garment.*
Colours: green, black. Material: 100 % nylon, water and wind resistant.
Available in sizes S to XXL.
Item No.: ***MCS214621083 to 87***

Black Bodywarmer: *quilted comfortable bodywarmer with ow reflective security bands with one zip pocket inside. Microfibre outer. Polyester lined.*
Available in sizes M to XXL.
Item No.: ***MCJ099199110 to 13.***

Reversible Safety Jacket: *a sensible precaution for any pedestrian close to traffic or working machines. Highly visible yellow jacket with reflective stripes on one side and black fleece jacket on the reverse side.*
Available in sizes M to XXL.
Item No.: ***MCJ099806000 to 809000***

Workhorse – Safety Boots: *EN 345/S3 safety boots for working professionals. Antistatic properties, slip and oil resistant outer sole, shock absorption in heel.*
Available in sizes 38 to 46.
Item No.: ***MCS630105038 to 46***

Leather Canvas Gloves: *Rugged suede cowhide, leather finger tips & knuckle strap, shirred elastic, rubberized safety cuff.*
Fabric content: 100% cotton.
Available in sizes M to XL.
Item No.: ***MCJ099826000 to 828000***

Mechanics Skin Gloves: *Premium deerskin suede leather. Water-repellent. Form-fitting stretch spandex. Adjustable wrist closure. More durable than synthetic leather.*
Fabric content: 100% polyester.
Available in sizes M to XL.
Item No.: ***MCJ099832000 to 834000***

Vacuum Thermos Flask "Farmer": *double walled, stainless steel and vacuum insulated.*
Capacity: 1 l.
Item No : ***MCH000110500***

1/16 John Deere T670*i* Combine: *Replica of the brand new John Deere T Series combine. Functions: off road independent and detachable cutting platform, movable reel and auger, grain tank can be emptied via an unloading auger, steerable, sculptured tyres.*
Item No.: ***MCB002132000***

Genuine John Deere Chemicals

Chain & Cable Lubricant
MC 441 *500 ml*

Penetrating Oil
MC 430 *500 ml*

Glass Cleaner
MC 449 *500 ml*

Dry Silicon Release Spray
MC 406 *500 ml*

Brake & Parts Cleaner
MC 499 *500 ml*

Electric Contact Cleaner
MC 427 *500 ml*

Multi-Purpose Lubricant
MC 491 *500 ml*

Carburettor Choke Cleaner
MC 435 *500 ml*

Original John Deere Paints

Green Spray JD
MCF 809 *400 ml*

Green Paint JD
VFLK0392 *700 ml*
VFLK03092 *3 l*

Yellow Spray
MCF 808 *400 ml*

Yellow Paint JD
VFLK0393 *700 ml*
VFLK03093 *3 l*

Discover JDParts: the simple, fast way to order parts on the Web.
Use the JDParts website to easily find the information and order the parts that keep you going: 24 hours a day, 7 days a week.

Here's what JDParts lets you do:
- View parts catalogues.
- Check parts prices and inventory at your local dealer.*
- Order parts from your dealer.
- Find part numbers and specifications for John Deere equipment and other makes.
- Review assembly schematics.
- Learn about special promotions and new products.
- Send your dealer a question.

Here's how JDParts works:
- Log on to www.JDParts.JohnDeere.com at your convenience.
- Input the part number you need. Or use the search function to find it. Parts for many other makes and models are also included.
- Check availability. JDParts connects you to your dealer's inventory file.
- So you'll know in moments if the part is in stock.
- Place the order. You can provide instructions, ask questions, arrange delivery and even choose payment options.

You too will be delighted:
"I can't always get to my John Deere dealer before closing time. So I was delighted to learn about the John Deere online parts system: JDParts.
During my visit to the site, I quickly found and ordered my parts by part number. I even printed a picture to help me assemble them. Amazing!
This new tool will make my life a lot easier." –
Robert Candall.

Visit JDParts today!
Log on to www.JDParts.JohnDeere.com
Register. And start taking advantage of this resource today!

* Dealer must upload inventory data to JDParts system.

JDPARTS
.JOHNDEERE.COM

www.JohnDeere.co.uk
www.JDParts.JohnDeere.com

JOHN DEERE

YY0944231E 12/08 1/1/2