

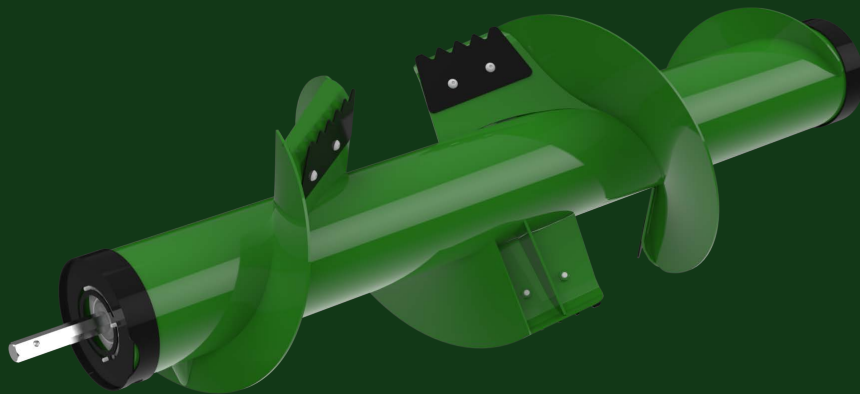


KAMPAG

We evolve with Agriculture

Technical Manual

Draper Feed Drum



Introduction

Congratulations! You have just purchased a KAMPAG product, specially developed to achieve **high productivity, quality, efficiency and durability**.

Please read this manual carefully before using it on your equipment, as it contains essential information to obtain maximum performance and safety, as well as extend the lifetime and reduce maintenance costs of the equipment you purchased.

The **parts catalog** throughout this manual is essential for your guidance in case you need to replace any component.

For any requests, questions or suggestions, please contact us:

KAMPAG

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 kampag.official

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1 – General Information

This manual contains the main information regarding the product High Performance Assembly Feed Accelerator for narrow and wide body John Deere combines. All Feed Accelerator are factory tested and balanced. For more information, please contact business support. KAMPAG is not liable for damages caused by:

- Misuse of the product
- Use by unqualified and/or inexperienced personnel
- Incorrect installation (if by customer)
- Unauthorized work or alterations
- Use of non-original parts
- Exceptional events.

2 – Warranty Term

2.1 – Supplier Identification

KAMPAG INDUSTRIAL LTDA, n° 13.552.558/0003-08, headquartered at Highway RS 342, Km 6, Três de Maio, CEP 98910-000. Brazil

2.2 – Warranty effectiveness range period

2.2.1 This warranty term is valid for 12 (twelve) months, from the date of issuance of the product's invoice and the warranty is for the entirety of the Feed Accelerator, even the wear parts.

2.2.2 The warranty is automatically terminated after the expiration of the periods mentioned in this term. In the event that technical work is carried out by third parties on the product without the express consent of KAMPAG, the warranty will be terminated immediately. Any report of failure must be confirmed by qualified KAMPAG employees or KAMPAG's authorized third party.

2.3 – Warranty Scope

2.3.1 The warranty includes all technical interventions necessary for the operation of the product under the conditions provided for in its technical specifications, standards, legislation. For the Feed Accelerators perfect operation is understood when, after service, the equipment is operational as required by the contract, and the other functionalities are identical to those of the factory.

2.3.2 Excluded from this Warranty Term are defects or damages resulting from:

- I. Failures caused by any changes in the product;
- II. Exchange of parts for non-KAMPAG original ones;
- III. Any defect pointed out by the purchaser or dealer arising from repair, replacement of parts and/or components or other service performed by a third party, without authorization from the manufacturer (KAMPAG);
- IV. When the defect is due to an accident;
- V. The warranty on complete parts and/or components is extinguished with the warranty period of the product;
- VI. The replacement of complete components will only be carried out in the event that the defect cannot be remedied and replaced by parts that compose it.
- VII. Eventual delays in the execution of the services do not entitle the owner to compensation or extension of the warranty period;
- VIII. Changes in models, parts, components and prices may be made by the manufacturer without prior notice

2.3.3 KAMPAG does not assume the obligation to comply with a product that has already been installed, to implement updates later introduced in latest products of the same model;

2.3.4 KAMPAG reserves the right to evolve and improve the products of its manufacture at any time, independent of Prior communication.

2.4 - Warranty Certificate

2.4.1 The Warranty Certificate, see attachment to this manual.

Important: If the product proves to be defective during the warranty period, contact the manufacturer or authorized dealer exclusively.

3- Safety Measures

3.1 The precautions below refer to the installation issues of the KAMPAG product and for that, they must be considered in preventive/corrective maintenance plans of the harvester to which it will be installed;

- Test the equipment after installation. If you identify any vibration or imbalance coming from the product, check if plates are firmly bolted;
- Always entrust the machine to trained operators;
- Periodically test the system for balance;
- Periodically check that the bolts and nuts that secure the plates are secured.

4 - Technical Product Information

4.1 – Product Identification

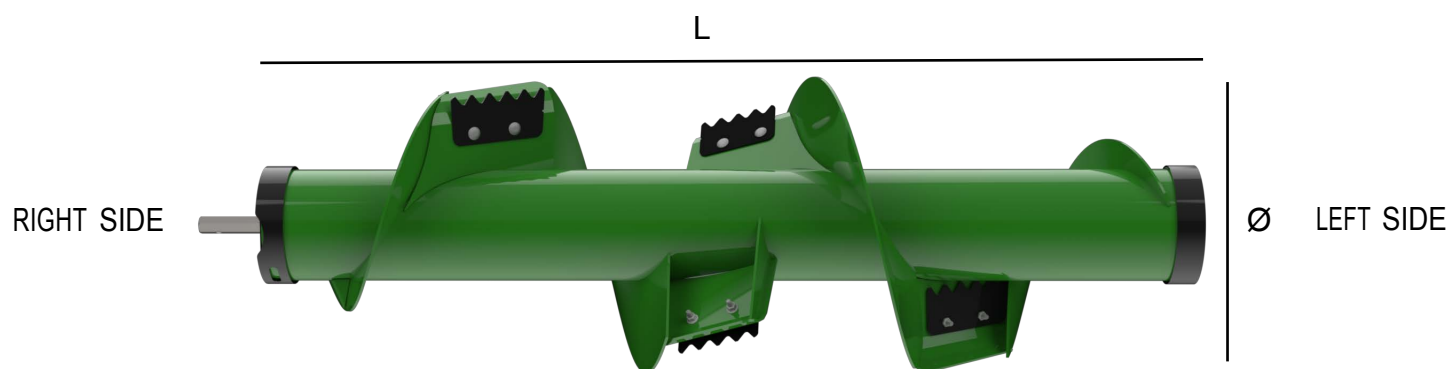
When requesting spare parts or technical assistance, please provide the serial number of the Feed Drum, marked on the sides of the drum, as shown below.



4.2 – Dimensions per model

KAMPAG Feed Drum	Diameter (Ø) X Length (L)	Header model
KPF04000016	Ø540 X 1690mm	/S540/S550/STS9560/STS9570/ /STS 9470/

Note: When the terms "right side" and "left side" are used, they are referred to in relation to the position of the operator in the direction of travel of the harvester.



5 – Assembly Procedure

STEP 1: REMOVE THE INSPECTION PANEL

Gives access to the bolts securing the Kampag Feed Drum. Tool: T30 Torx.



STEP 2: UNLOCK THE BEARING HOUSING RETAINER

Release bolt and nut that secure the shaft in the bearing housing



STEP 3: REMOVE THE BEARING HOUSING

Tool: 15mm wrench/socket.



STEP 4: REMOVE THE TWO 24MM BOLTS



STEP 5: REMOVE THE FOUR BOTTOM BOLTS (19MM SOCKET)

Once all four bolts are out, the side plate is free.



STEP 6: REMOVE THE SIDE PLATE



STEP 7: PULL OUT THE SERIES DRUM



STEP 8: REPLACE THE SIDE SEALS (BOTH SIDES)

Before mounting the new drum. Loosen the 4 Phillips screws holding each original seal and discard it — not reused.





STEP 9: POSITION THE NEW SEAL

Using the positioning jig/gauge supplied in the kit; secure with 4 allen screws (also supplied).

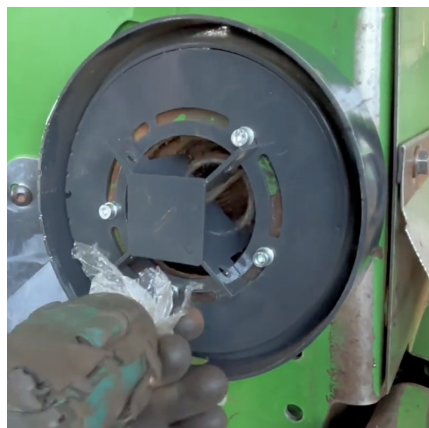
STEP 10: TIGHTEN THE SEAL WITH THE CENTERING JIG IN PLACE

Tool: 5mm Allen key. Remove the jig afterward — only needed again for future seal replacement.



STEP 11: REPEAT ON THE OTHER SIDE

Note: the right-side centering jig is different — it centers from outside the bushing rather than the same way as the left.



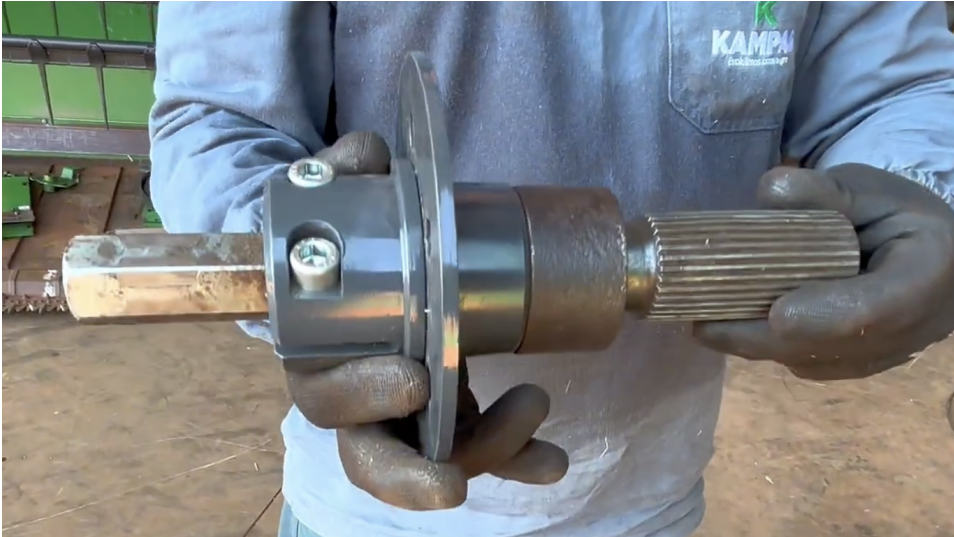


STEP 12: PREPARE THE SPLINED SHAFT

Reuse only the original splined shaft from the old drum. Loosen its retaining set screws to remove it.

STEP 13: MOUNT THE KIT BEARING ONTO THE ORIGINAL SHAFT

Secure with 2 Allen screws.



STEP 14: INSTALL THE SHAFT/BEARING ASSEMBLY INTO THE NEW DRUM

All bolts supplied in kit. Reuse the original bushing.



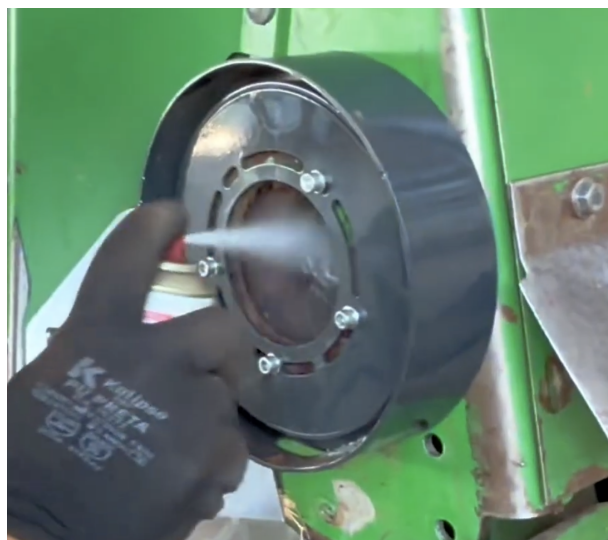
STEP 15: TIGHTEN

Tool: 15mm socket.



STEP 16: LUBRICATE THE SHAFT END

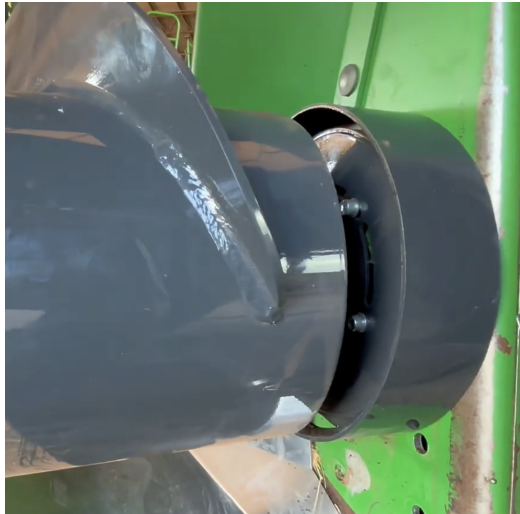
Apply a penetrating lubricant to the shaft tip and to the mating bore to ease the fit.





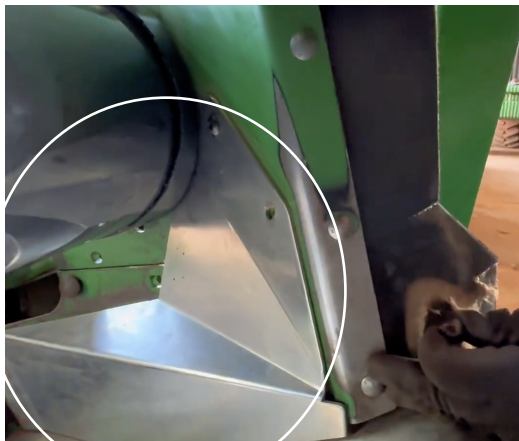
STEP 17: POSITION THE SPLINED SHAFT END INTO THE HEADER

Mate the drum's shaft into the receiving bore/bushing on the left side before closing up the side plate.



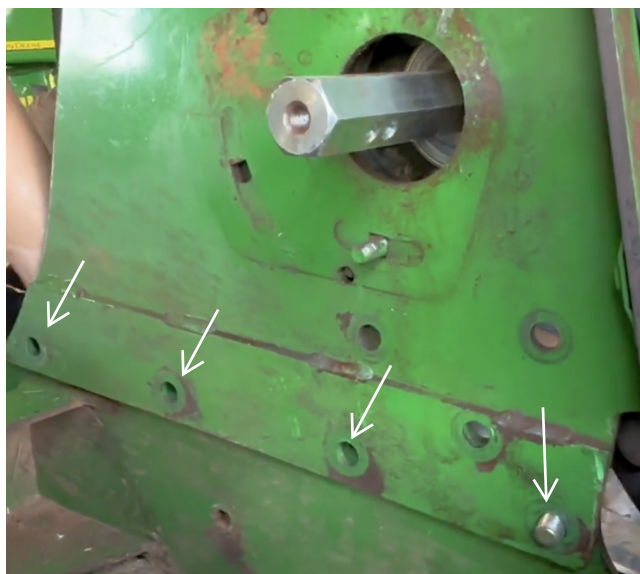
STEP 18: REMOVE THE DEFLECTING PLATE ON THE RIGHT SIDE

Necessary to gain access to tighten the 19mm bolts on the side plate.



STEP 19: REINSTALL THE SIDE PLATE AND TIGHTEN THE BOTTOM BOLTS

Position the side plate and start the bolts by hand, then tighten the 4 19mm bolts on the side plate — now accessible after removing the deflecting plate in Step 18. Once the 4 bolts are tightened, reinstall the deflecting plate removed in Step 18.



STEP 20: MOUNT THE BEARING HOUSING TO LOCK THE DRUM IN POSITION

Apply penetrating/degreasing lubricant to the drum shaft hex coupling to help it seat; keep the lock aligned.





STEP 21: INSERT THE SHAFT LOCKING BOLT, THEN REINSTALL THE BEARING HOUSING HARDWARE

Thread the bolt into the nut in the shaft coupling by hand, starting it before final tightening.



STEP 22: TIGHTEN THE TWO 24MM BOLTS FIRST, THEN THE BEARING HOUSING BOLTS

This pulls the drum fully into place.





STEP 23: REMOVE THE ORIGINAL OEM SCRAPER (OPPOSITE SIDE) *Not used with the Kampag Feed Drum — set aside and store it.*

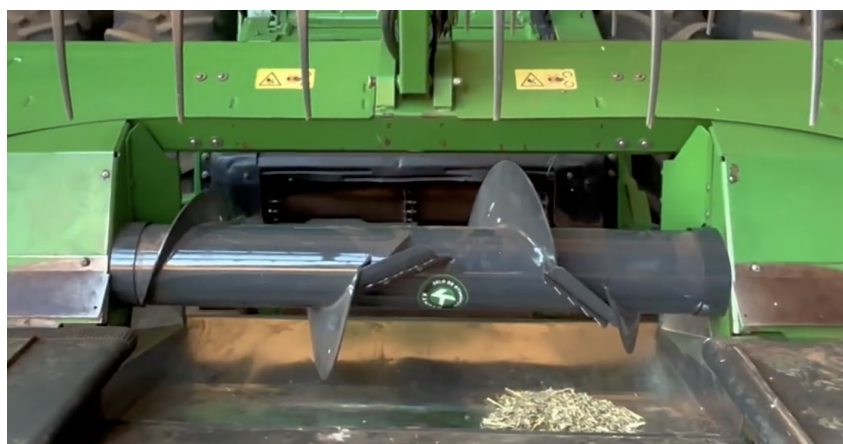


STEP 24: FINAL CHECK ON THIS SIDE

With the scraper removed, the Kampag Feed Drum is fully visible on this side — verify the bolt on the side plate is checked and tightened.



STEP 25: REINSTALL THE INSPECTION PLATE



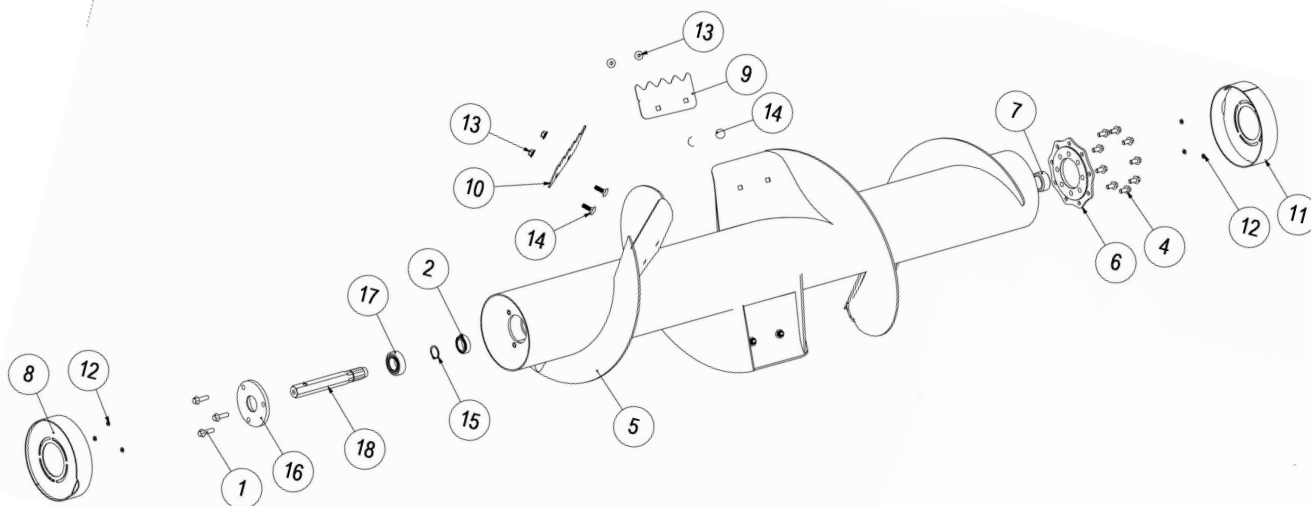
INSTALLATION COMPLETE

Kampag Feed Drum fully mounted in the header, both side plates secured — ready to run.

6 –PARTS CATALOG

Draper header feed drum (SKU.: KPF04000016)

ITEM	SKU	COMPONENT DESCRIPTION	QTY
1	KMP30000297	HEX FLANGE BOLT M10x35 ZINC PLATED	3
2	KMP40000058	BALL BEARING 6005 2Z 25X47X12	1
3	KMP30000456	WIDE FLAT WASHER M10 ZINC PLATED	1
4	KMP30000139	HEX FLANGE BOLT M10X20 GRADE 8.8 ZINC PLATED	10
5	KPI10000312	DRUM & FLIGHTING WELD ASSY	1
6	KPI00000937	LEFT MACHINED FLANGE	1
7	KPI00001185	OPTIONAL BUSHING RCS	1
8	KPI10000285	SEAL KIT RCS-CL, RIGHT	1
9	KPI00001326	CENTRAL COMB PLATE RCS-CL	2
10	KPI00001327	SIDE COMB PLATE RCS-CL	3
11	KPI10000286	SEAL KIT RCS-CL, LEFT	1
12	KMP30000045	FLAT WASHER M6	8
13	KMP30000345	ALLEN (SOCKET HEAD) SCREW M6X12	8
14	KMP30000010	FLANGE NUT M10 ZINC PLATED	8
15	KMP30000569	CARRIAGE BOLT M10X1.5X30 GRADE 12.9 POL 603	8
16	KMP30000454	RETAINING RING (CIRCLIP) E30	1
17	KPI00001467	SHEET METAL BEARING HOUSING	1
18	KMP40000524	BEARING 6206-2RSR-C07-C3#N1 FAG	1
19	KPI00001468	HEX TIP / SPLINED END 234MM	1





WARRANTY CERTIFICATE

Purchase date:/...../.....

Invoice #:

Retailer Data

Name:

Address:

Signature:

Customer data

Name:

Address:

Phone:

Product data

Model SKU:

Manufacturing date:

Serial #:

KAMPAG, registered with CNPJ No. 13.552.588/0003-08, assures the customer identified above a 12-month warranty on the product described above, counted from the issuance of the Invoice. This warranty only covers malfunctions of the parts and components of the products under normal use in accordance with the accompanying manual provided by the manufacturer. This warranty will be automatically cancelled if the products are repaired by unauthorized persons, suffer damage due to accidents, falls and overload above the specified, or any unforeseeable occurrence resulting from misuse of the products by the user.

.....
CUSTOMER SIGNATURE

.....
SELLER SIGNATURE