Installation Instructions for Meter Hopper Seal

for the 1.6 bushel hopper and 3.0 bushel hopper

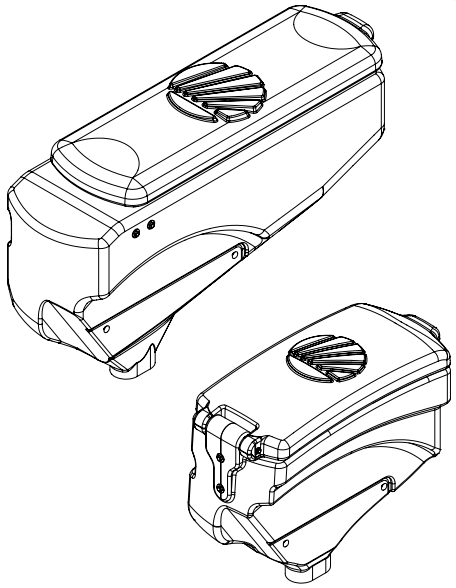
Before Getting Started

Before you begin installation of your Meter Hopper Seal, read these instructions carefully and check that all parts and tools in kit are accounted for. All hand and specialty tools for installation are provided at owner's expense. Please retain these installation instructions for future reference and parts ordering information.

These installation instructions contain information for assembling the Meter Hopper Seal to the 1.6 bushel and 3.0 bushel hoppers.

To view an online video version of these instructions use the following link:

http://www.greatplainsag.com/en/10551/installation-instructions-meter-hopper-seal



General Information

The Meter Hopper Seal kit adds a seal and gasket for a better fit of the hopper to the seed meter.

Kit Description	Reference Number
Meter Hopper Seal	403-787K

Refer to page 3 for a detailed list of parts included in these kits. Use this list to inventory parts received.

Tools Required

General hand tools are required for installation:

Refer to page 6 for torque values chart.

Models Covered

3P3025AH	3-Point 30 Foot Stack-Fold Yield-Pro® Planter
YP425A	4-Row Yield-Pro® Planter
YP625A	6-Row Yield-Pro® Planter
YP825A	8-Row Yield-Pro® Planter
YP625TD	3-Point 6-Row 110 cm Yield-Pro® Planter
YP925TD	3-Point 9-Row 65 cm Yield-Pro® Planter
1625IRHD	2-Section 25 Series Yield-Pro® Planter with Individual Row Control
YP825AR	8-Row Rotating Yield-Pro® Planter
3P4025AH	3-Point 40 Foot Stack-Fold Yield-Pro® Planter
1625AHD	2-Section 25 Series Yield-Pro® Planter with Dry Fertilizer
1625AHL	2-Section 25 Series Yield-Pro® Planter with Liquid Fertilizer
YP425A3P	3-Point 4-Row Yield-Pro® Planter
YP625A3P	3-Point 6-Row Yield-Pro® Planter
YP825A3P	3-Point 8-Row Yield-Pro® Planter
YP1025A3P	3-Point 10-Row Yield-Pro® Planter

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Recommended Manuals

All manuals related to this kit are available free of charge by visiting www.greatplainsag.com. Have machine model and serial numbers available when looking for the manual you need.

411-332M	3P3025AH Operator's Manual
411-332P	3P3025AH Parts Manual
401-651M	YP425A, YP625A, YP825A Operator's Manual
401-651P	YP425A, YP625A, YP825A Parts Manual
401-755M	YP625TD, YP925TD Operator's Manual
401-755P	YP625TD, YP925TD Parts Manual
411-240M	1625IRHD Operator's Manual
411-240P	1625IRHD Parts Manual
401-923M	YP825AR Operator's Manual
401-923P	YP825AR Parts Manual
411-099M	3P4025AH Operator's Manual
411-099P	3P4025AH Parts Manual
411-020M	1625AHD, 1625AHL Operator's Manual
411-020P	1625AHD, 1625AHL Parts Manual
401-652M	YP425A3P, YP625A3P, YP825A3P, YP1025A3P Operator's Manual
401-652P	YP425A3P, YP625A3P, YP825A3P, YP1025A3P Parts Manual

Installation Guide QRC

The QR Code (Quick Response) to the left will take you to a web installation guide. Use your smart phone or tablet to scan the QR Code with an appropriate App to begin viewing.

Using This Manual

This manual was written to help you install and prepare your new kit. The manual includes instructions for installation and setup. Read this manual and follow the recommendations for safe, efficient, and proper assembly and setup.

Read and understand "Important Safety Information" and "Operating Instructions" in the operator's manual before installing your new kit. As a reference, keep the operator's manual on hand while installing.

The information in this manual is current at printing. Some parts may change to assure top performance.

Use this kit only in conjunction with a Great Plains implement.

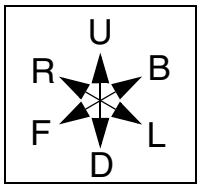
Yield-Pro QRC

The QR Code (Quick Response) to the left will take you to the Yield-Pro family of manuals. Use your smart phone or tablet to scan the QR Code with an appropriate App to begin viewing.

Safety & Symbol Information

When you see this symbol, the subsequent instructions and warnings are serious - follow without exception. Your life and the lives of others depend on it!

Right-hand and left-hand as used in this manual are determined by facing the direction the machine will travel. An orientation rose in some line art illustrations shows the directions of: Up, Back, Left, Down, Front, Right.



NOTICE

A crucial point of information related to the current topic. Read and follow the directions to remain safe, avoid serious damage to equipment and ensure desired field results.

Be Aware of Signal Words

The following signal words designate a degree or level of hazard seriousness. Take the necessary precautions and exercise sound judgment.

DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. This signal word is limited to the most extreme situations, typically for machine components that, for functional purposes, cannot be guarded.

WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.

CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

Further Assistance

Great Plains Manufacturing, Inc. wants you to be satisfied with your new meter hopper seal. If for any reason you do not understand any part of this manual or are otherwise dissatisfied with the product please contact:

Great Plains Service Department
1525 E. North St.
P.O. Box 5060
Salina, KS 67402-5060

Or go to www.greatplainsag.com and follow the contact information at the bottom of your screen for our service department.

Kit Contents

Part Number	Part Description	Qty.
837-160C	SEAL INSERT HOPPER LG OVAL BTM	1
891-738C	GASKET ORING 1/8 RND X 3.5 ID	1

Installation Instructions

Before you begin installation of your meter hopper seal kit, lower the planter on a solid, clean surface. Detach implement from the tractor.

Refer to Figure 1

1. Beginning at one end of the machine, remove the four $^{5}/_{16}$-18 x 3/4 inch bolts (1), flat washers (2), and flange nuts (3) to remove the hopper from hopper mount (4).

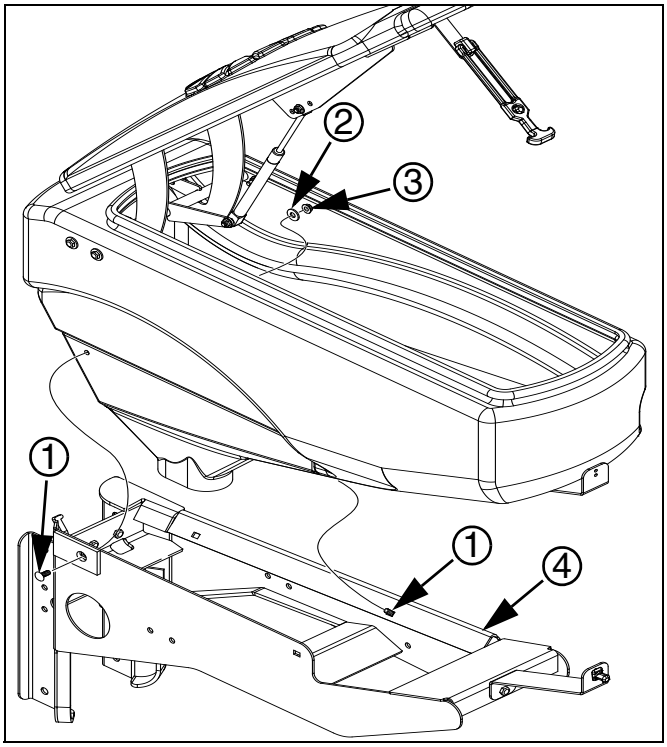


Figure 1
Remove Hopper

38927

Refer to Figure 2

2. Turn the hopper upside down so it is resting on the lid.
3. Push the plastic insert (5) into the hopper outlet with the flared lip of the insert toward the hopper lid.
4. Place the o-ring gasket (6) around the plastic insert and work it down into the hopper with a thin blade.

NOTICE

It is important to carefully work down the o-ring gasket and plastic insert as far as possible so the hopper will fit correctly on the seed meter.

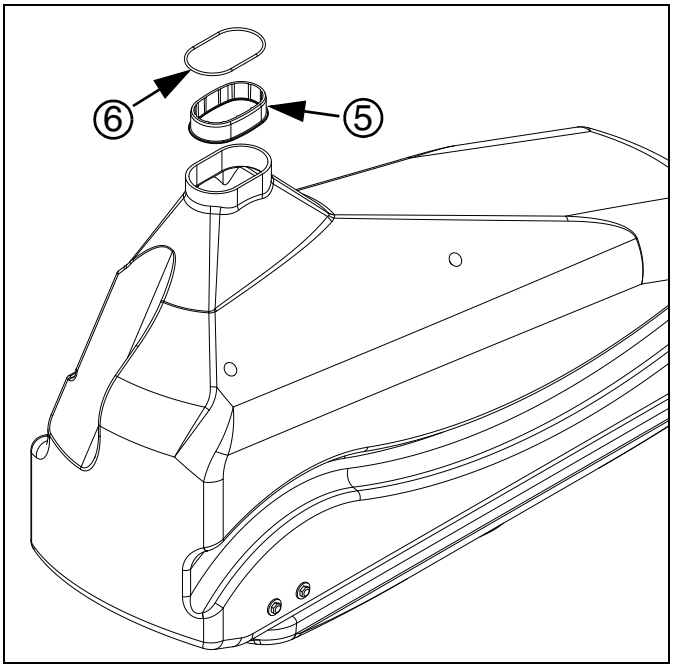


Figure 2 38928
Install Seal

Refer to Figure 3

5. Put the hopper back onto the seed meter. The seed chute (7) will fit between the plastic insert and the hopper outlet.

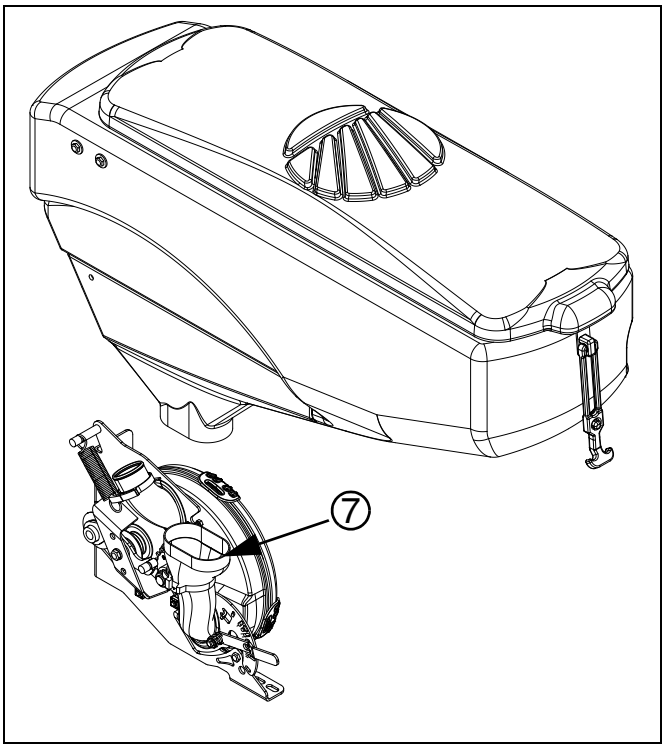


Figure 3 38929
Assemble Hopper to Seed Meter

Refer to Figure 4

6. Make sure the holes on the hopper line up with the holes on the hopper mount.

   If the holes do not line up, remove the hopper and trim the seed chute about $^{1}/_{8}$ inch to $^{1}/_{4}$ inch.

7. Install the four $^{5}/_{16}$-18 x 3/4 inch bolts (1), flat washers (2), and flange nuts (3) to a torque of 60 in-lb or 5 ft-lb.

8. Repeat the procedure for each hopper.

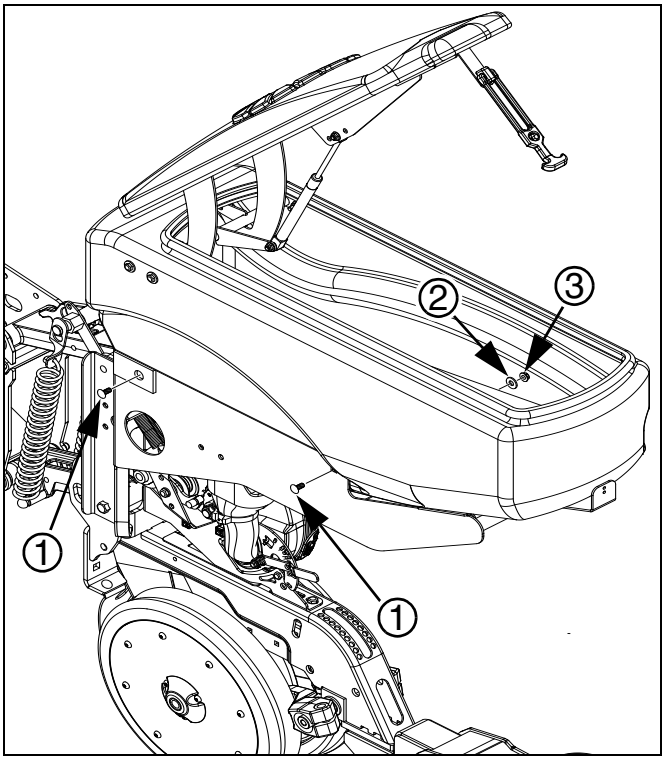


Figure 4 38930
Fasten Hopper to Mount

"Harvest Starts Here."

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