



Yield-Pro® Planters Hopper Lid Seal Kit

Used with YP Planter with 82 or 150 bu hoppers:

- YP1225/1625 • YP3010/3020/3025 • YP4010/4020/4025
- YP1225A/1625A • YP3025A • YP4025A

Used with YP Planter with 82 bu hopper only:

- 3PYP and 3PYPA • YP2425 and YP2425A • YP1220



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!

General Information

These instructions explain how to install a Bin Lid Seal and Latch Kit. One kit updates one planter hopper lid:

Kit	Kit Description
403-619A	Bin Lid Seal and Latch Kit

Tools Required

- isopropyl “rubbing” alcohol
- basic hand tools
- tape measure
- marking pen
- drill for making holes with drill bit sizes $\frac{9}{32}$ in and $\frac{11}{32}$ in

Work Location

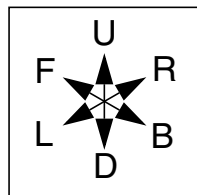
Move the implement to a flat location for installation.



Falling Hazard:

Practice caution when working on elevated surfaces. Some update work may not be within reach from the walkboard. A fall from a mounted hopper could result in serious injury or death. Dismount the hopper to reduce the hazard. Make sure any ladders used have solid footing, and are secured to the planter or hopper.

Notations and Conventions



“Left” and “Right” are facing in the direction of machine travel. An orientation rose in the line art illustrations shows the directions of Left, Right, Front, Back, Up, Down.

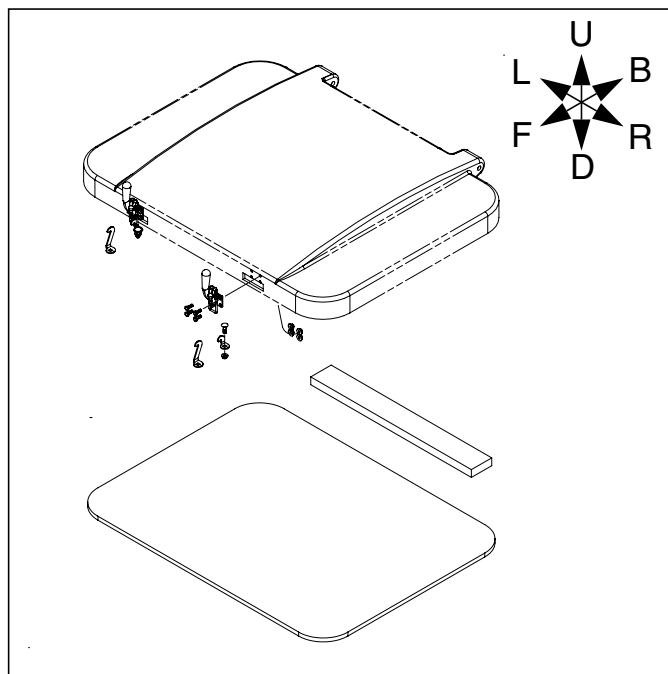


Figure 1
Bin Lid Seal and Latch Kit

32479

Call-Outs

- ① to ⑨ Single-digit callouts identify components in the currently referenced Figure. These numbers may be reused for different items from page to page.
- ⑪ to ⑳ Two-digit callouts in the range 11 to 20 reference new parts from the list on page 4.

Install New Lid Clamps

Remove Old Lid Latch

Note: The old lid latch can remain in place or be removed dependent upon preference.

- To remove the old lid latch and hook (not pictured) remove the two screws and single bolt holding it in place.
- Replace the bolt and nut in the hole in hopper so hole opening is not left exposed.

Install New Lid Clamps

Refer to Figure 2 and Figure 3

- Select 2 each:
 - (14) 800-418C DESTACO 331 CLAMP ASSEMBLY and
 - Select 8 screws and nuts:
 - (15) 802-001C HHCS 1/4-20X3/4 SS
 - (17) 803-088C NUT HEX LOCK 1/4-20 FLG

For proper placement of clamps (14), measure an equal distance from each end of lid and $\frac{3}{4}$ in from bottom of front lid lip. Check that destaco clamps are 17 inches apart from each other as in illustration.

Drill four $\frac{9}{32}$ in diameter holes for screws (15). Install the destaco clamps to the front lip of the lid with four screws. Secure on back with nuts (17).

- Select 2 each (either short or long) lid latch hooks:
 - (12) 403-788D (short) 82 BIN LID LATCH HOOK or
 - (13) 403-789D (long) 150 BIN LID LATCH HOOK

and

Select 2 each bolts and nuts:

- (16) 802-282C RHSNB 5/16-18X1 GR5
- (18) 803-177C NUT HEX LOCK 5/16-18 FLG

For correct placement of bolt hole, place latch around hook (12) and place on hopper surface (16), make a mark with pen where hole is to be drilled.

IMPORTANT: Make sure the catch of the hook is centered in a line directly under the latch and that the bottom round surface (1) of the hook is contacting the hopper surface in a radius slightly *nearer* the hopper lid (rather than further) for the hook to latch properly. The latch will not secure properly if the hook bottom (1) is bolted on too far from the lid.

Drill hole size $\frac{11}{32}$ in diameter. Secure with one bolt (16) and one nut (18) per each hook.

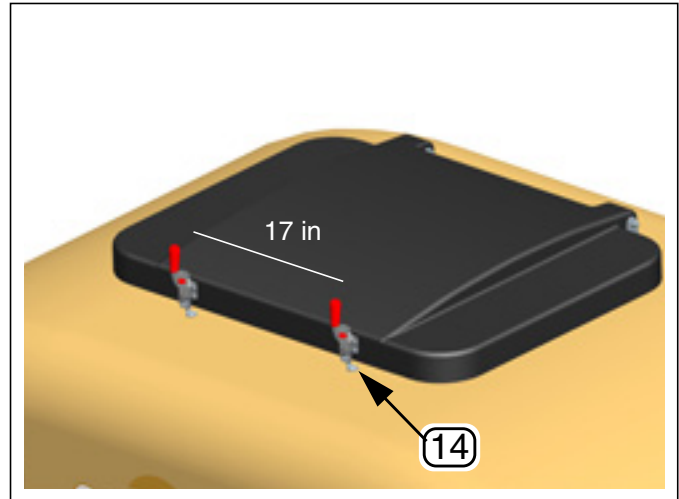


Figure 2
New Destaco Latches

32476

NOTICE

The latch kit includes 2 hook sizes, make sure to choose the correct size whether you are updating the 82 bu or the 150 bu see Step 4.

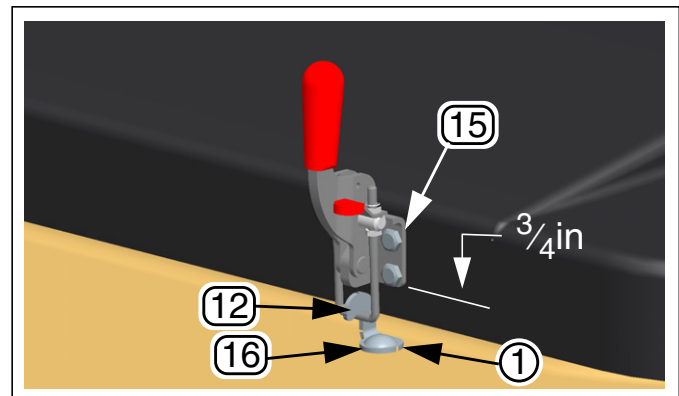


Figure 3
New Lid Latch and Hook

32477

Install Lid Spacer and Seal

Clean Lid

- Using isopropyl alcohol clean all seed treatment residue from inside of lid.

Install Hopper Lid Spacer and Seal

- Select 1 each:
[19](#) 816-725C BIN LID SEAL
[20](#) 816-726C BIN LID SEAL SPACER

At hinged end [1](#), peel and stick seal spacer [20](#) on inside of lid to fill in gap.

Peel and stick the seal [19](#). The seal should cover inside of lid completely.

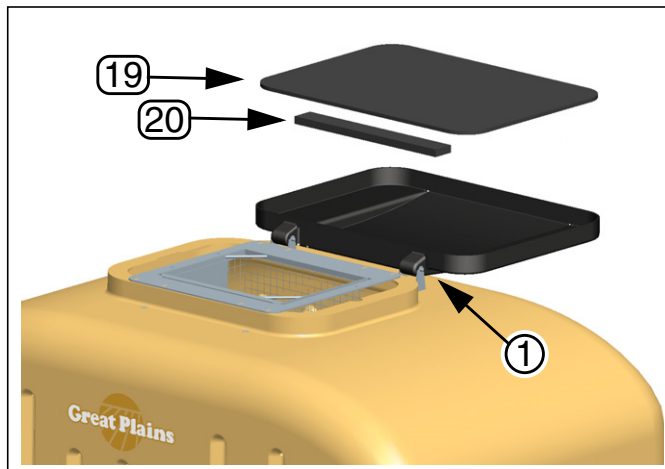


Figure 4
Lid Seal and Spacer

32478

Appendix

Part Lists

New Parts

The part call-out numbers in this list match all Figures in these installation instructions. Part descriptions match those in your updated Parts Manual.

Quantities are units ("ea").

Kit Contents

403-619A Bin Lid Seal and Latch Kit

Callout	Quantity	Part Number	Part Description
11	1	403-618M	MANUAL PLTR HOP LID SEAL KIT
12	2	403-788D	(short) 82 BIN LID LATCH HOOK
13	2	403-789D	(long) 150 BIN LID LATCH HOOK
14	2	800-418C	DESTACO 331 CLAMP ASSEMBLY
15	8	802-001C	HHCS 1/4-20X3/4 SS
16	2	802-282C	RHSNB 5/16-18X1 GR5
17	8	803-088C	NUT HEX LOCK 1/4-20 FLG
18	2	803-177C	NUT HEX LOCK 5/16-18 FLG
19	1	816-725C	BIN LID SEAL
20	1	816-726C	BIN LID SEAL SPACER

Abbreviations

FLG	Flange
GR5	Grade 5
HHCS	Hex Head Cap Screw
HOP	Hopper

PL/PLT	Plated
PLTR	Planter
RHSNB	Round Head Shank Neck Bolt
SS	Stainless Steel

Great Plains Manufacturing, Inc.

Corporate Office P.O. Box 5060
Salina, Kansas 67402-5060 USA