



6 Foot No-Till Drills Grease Bank

Used with:

- 605NT
- 3P605NT



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 the Grease Bank kit on a drill originally purchased without one.

The 151-124A Grease Bank provides a single easily accessible point for supplying lubricant to all 9 coulter pivot assemblies. The kit includes all necessary components except grease.

These instructions apply to:

151-124A 6' Grease Bank Field Kit

Use this kit only with Great Plains model 605NT & 3P605NT drills. Kit hardware is sufficient only for these models. Do not modify the drill for use with attachments other than Great Plains options and accessories specified for use with the drill.

Before You Start

Inventory the kit contents per the "Parts List" on page 4.

Review the installation instructions in this manual, to ensure that the steps are understood, and that the necessary resources are at hand.

If necessary, move the drill to a suitable work location.

Lower the unit to the ground.

Have the following tools at hand:

- Basic hand tools
- Tubing cutter
- Grease gun and grease.

Definitions

The following terms are used throughout this manual.

Right-hand and left-hand as used in this manual are determined by facing the direction the machine will travel while in use.

IMPORTANT !

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

Note: Useful information related to the preceding topic.



Figure 1 25093
Installed Grease Bank

Installation

Refer to Figure 2.

1. Remove the right forward seed box mounting bolt ⑩. Save the washer and nut. The existing bolt is not re-used. Do not further disassemble the seed box.
2. Position the mount ① with the 2-hole arm up and toward the outside of the drill, and the 1-hole arm aligned with the forward hopper mounting hole. Insert the 1/2-13 x 1 1/2 bolt ⑩ from the kit, and secure using the existing washer and nut.
3. Position the Grease Bank plate ② on the inside or outside of the mount ① as shown. Attach the plate to the mount with 3/8-16 nylon-insert bolts ⑥ and 3/8-16 nylon-insert nuts ⑦. The plate may be mounted in front or behind the mount.

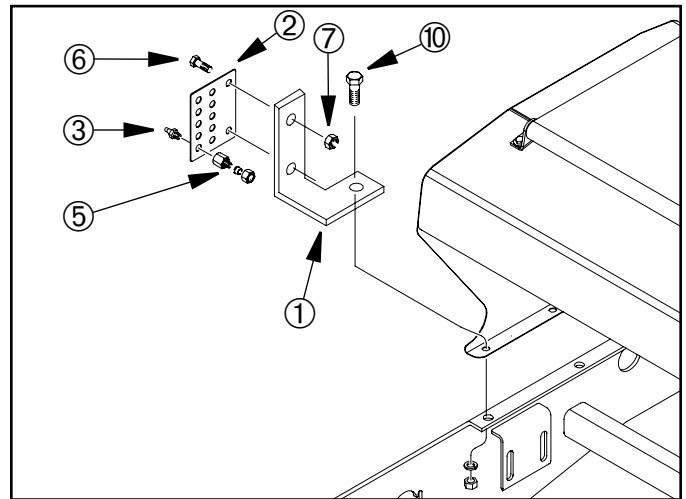


Figure 2

25094

Exploded View of Installation

Refer to Figure 3.

4. Clean any debris from around the existing zerks. Remove the existing zerks from each coulters pivot. Replace each with a grease adaptor ⑨.

The old zerks are not re-used.

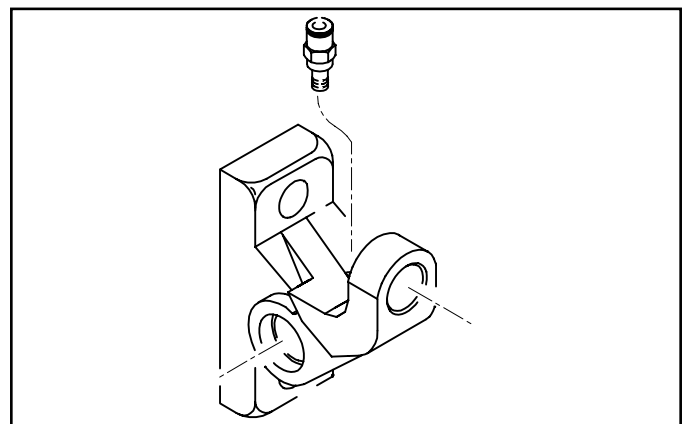


Figure 3

25095

Remove Old Coulters Zerk

Refer to Figure 4.

5. Install zerks ③ on the Grease Bank plate, with the nipples on the outside of the plate, and the tubing connectors on the back. Tighten the connector ⑤ bodies, but leave the caps loose.

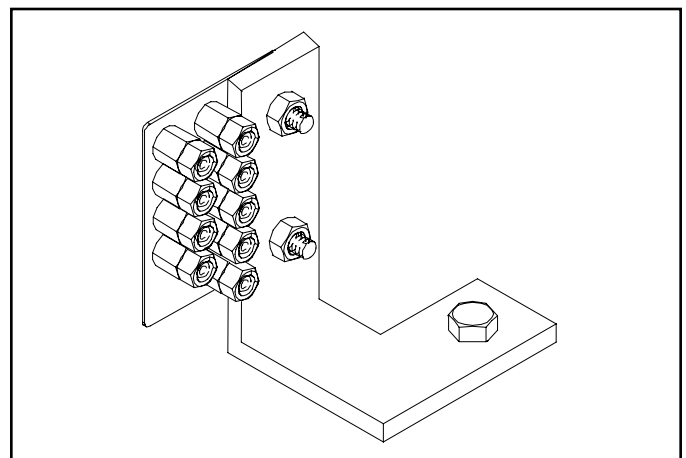


Figure 4

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Plate with Zerks Mounted

Refer to Figure 5.

6. Starting at the Grease Bank, pull one end of the nylon tubing ⑧ from near the panel to the left-most coulters pivot.

Route the tubing along the inside of the top frame tube, and through the forward hole in each brace plate.

Avoid kinks and sharp bends in the tubing. Route it away from sharp objects and moving parts of the machine.

Continue to route the tubing down to the fitting adaptor ⑨ at the left-most coulters pivot.



Figure 5
Tubing Through Brace Plate

25097

Refer to Figure 6.

7. Connect the end of the tube ⑧ to the fitting adaptor ⑨ at the coulters pivot. Press the tubing into the fitting until it connects.
8. At Grease Bank plate ②, cut the tubing ⑧ at the plate, allowing some slack.
9. Loosen the compression nut of the fitting ⑤ lowest zerk. Do not completely remove the nut, or the compression fitting may rotate out of alignment, or fall out and be lost. Insert tube into compression fitting and tighten.

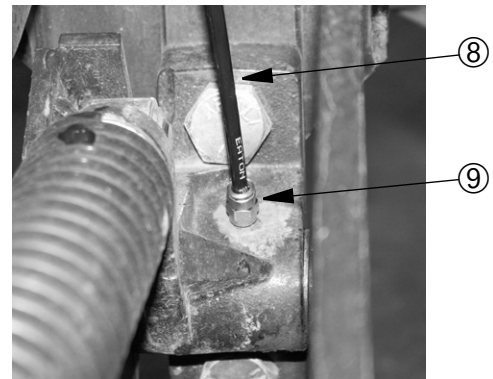


Figure 6
Tubing at Coulters Fitting

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Refer to Figure 7.

10. Working from machine left to right, repeat this process for each coulters hub.

Note: One hole in the bank plate is unused.

11. When all coulters have been tubed, secure the bundle with the ties ④ (not shown). Trim excess tie tabs.

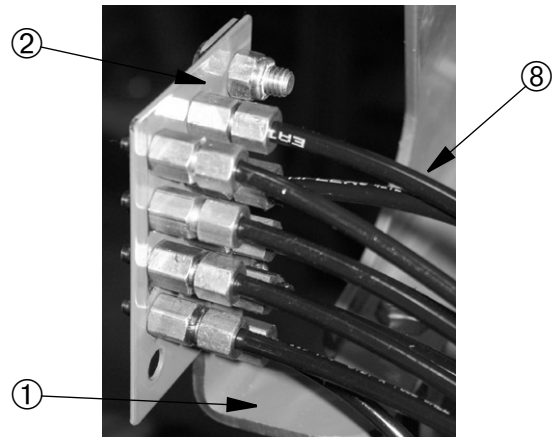


Figure 7
Completed Grease Bank plate

25099

4 | Grease Bank

Refer to Figure 8.

12. Fill each position with grease, checking for leaks. Add grease until excess grease appears at the couler bearing.

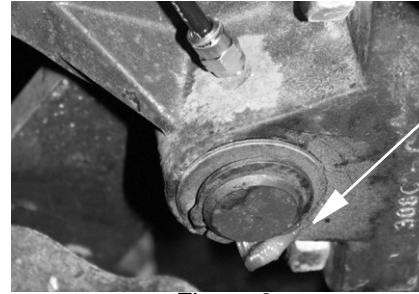


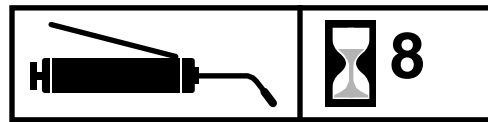
Figure 8
Emerging Grease at Couler

25100

Periodic Lubrication

This section covers general operating procedures once the Grease Bank kit is installed and filled with grease.

1. Ensure that the drill is immobilized, either:
 - parked, blocked and lowered, or
 - securely hitched to a tractor that is shut off (key removed) and has its parking brake engaged.
2. Inspect grease tubing for damage and leaks.
3. Have a suitable grease & grease gun at hand.
4. Clean grease bank zerks of debris.



Couler Bearings

9 zerks per drill
(at grease bank if installed)

Type of lubricant: Grease
Quantity: until grease emerges

Parts List

151-124A 6' Grease Bank Field Kit

Your kit includes:

Ref. Qty.	Part No.	Part Description
1	151-125M	This document
① 1	151-259D	6' GREASE BANK MOUNT (Arm)
② 1	149-553D	GREASE BANK (Plate)
③ 9	800-130C	ZERK GREASE STRAIGHT 1/8-27
④ 12	800-303C	CABLE TIE 2 MIN - BLACK
⑤ 9	800-158C	FTG. TUBE, CONNECTOR 1/8 FNPT
⑥ 2	802-014C	HHCS 3/8-16 NYLON INSERT
⑦ 2	803-078C	NUT LOCK 3/8-16 NYLON INSERT
⑧ 42'	990-109R	TUBE NYLON 1/4 OD X 062 WL
⑨ 9	800-211C	GREASE ADAPT 1/4-28M X 1/4TB
⑩ 1	802-091C	HHCS 1/2-13 X 1 1/2

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