


Disc Harrow Scraper Assembly Instructions



DH1560, DH1572, DH1590, DH2560, DH2572 & DH2596 Manual No. 322-042M

Before You Start

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

IMPORTANT: Before you begin, read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

Your scrapers are exclusively designed for the Land Pride's DH1560, DH1572, DH1590, DH2560, DH2572 & DH2596 Disc Harrows. Please read these installation instructions and your Disc Harrow Operator's Manual thoroughly before beginning. Especially read information relating to safety concerns. Also included in the Operator's Manual is important information on operation, adjustment, troubleshooting, and maintenance for this attachment (some manual sections do not apply to all accessories).

A separate Parts Manual for your Disc Harrow is available free of charge at www.landpride.com or can be purchased from your nearest Land Pride dealer. Have model and serial number of your harrow handy when placing an order.

Manual Part Numbers:

- DH1560, DH1572, DH1590, DH2560, DH2572 & DH2596 Parts Manual 322-013P
- DH1560, DH1572, DH1590, DH2560, DH2572 & DH2596 Operator's Manual 322-013M

General Information

This assembly instruction apply to the Disc Harrow Scraper Kits listed below. Starting on page 3 is a detailed listing of parts included in these kits. Use the detailed list as a checklist to inventory parts received.

322-040A	DH1560 SCRAPER BUNDLE 7 1/2
322-041A	DH1572 SCRAPER BUNDLE 7 1/2
322-278A	DH1590 SCRAPER BUNDLE 7 1/2
322-082A	DH2560 SCRAPER BUNDLE 7 1/2
322-083A	DH2572 SCRAPER BUNDLE 7 1/2
322-035A	DH2596 SCRAPER BUNDLE 7 1/2
322-049A	DH2596 SCRAPER BUNDLE 9
322-050A	DH2596 SCRAPER BUNDLE 7 1/2-9

Tools required:

- Safety glasses & Work gloves
- 3/4" & 1 1/8" box end or open end wrenches or
- Ratchet wrench with 3/4" & 1 1/8" sockets

Further Assistance

Your dealer wants you to be satisfied with your new scrapers. If for any reason you do not understand any part of this manual or are not satisfied with the service received, the following actions are suggested:

1. Discuss the matter with your dealership service manager making sure he is aware of any problems you may have and that he has had the opportunity to assist you.
2. If you are still not satisfied, seek out the owner or general manager of the dealership, explain the problem and request assistance.
3. For further assistance write to:

Land Pride Service Department
1525 East North Street
P.O. Box 5060
Salina, Ks. 67402-5060

E-mail address
lp servicedept@landpride.com

Assembly Instructions

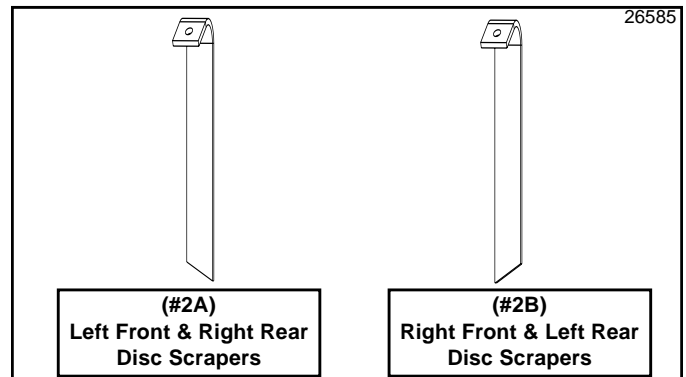
CAUTION

Lower implement to the ground, put tractor in park, turn off engine, engage parking brake, and remove key before performing installation of the Scrapers.

Disc Scrapers

Refer to Figure 1:

Orient disc scrapers as shown in Figure 1 to determine scraper types. The bottom of (#2A) is skewed up to the left and mounted on the left front and right rear disc gangs. The bottom of (#2B) is skewed up to the right and mounted on the right front and left rear disc gangs.



Disc Scraper Orientation
Figure 1

Assembly Instructions

Scrapers Installation

Refer to Figure 1:

1. Remove existing 5/8" nuts (#6), lock washers (#7) and flat washers (#8) from the longer u-bolts (#9). Longer u-bolts are farthest from brackets (#10).
2. Locate the square slot in scraper mounts (#1) that is exactly 4 1/2" away from an end. Orient front scraper mounts with this slot located near the center. Orient rear scraper mounts with this slot to the outside.

NOTE: Carriage bolts (#4) for disc scraper are inserted from the top. If disc scrapers are supplied with square holes, then the carriage bolts can be inserted from the top or bottom.

3. Attach disc scrapers (#2A) to the left front and right rear scraper mounts (#1) with 1/2"-13 x 1 1/4" GR5 carriage bolts (#4) and hex flange lock nuts (#5). Draw nuts up snug, do not tighten.
4. Attach disc scrapers (#2B) to the right front and left rear scraper mounts (#1) with 1/2"-13 x 1 1/4" GR5 carriage bolts (#4) and hex flange lock nuts (#5). Draw nuts up snug, do not tighten.
5. Attach scraper hangers (#3) to scraper mounts (#1) by inserting 1/2"-13 x 1 1/4" GR5 carriage bolt (#4) in from the bottom and securing with hex flange lock nuts (#5). Draw nuts up snug, do not tighten.

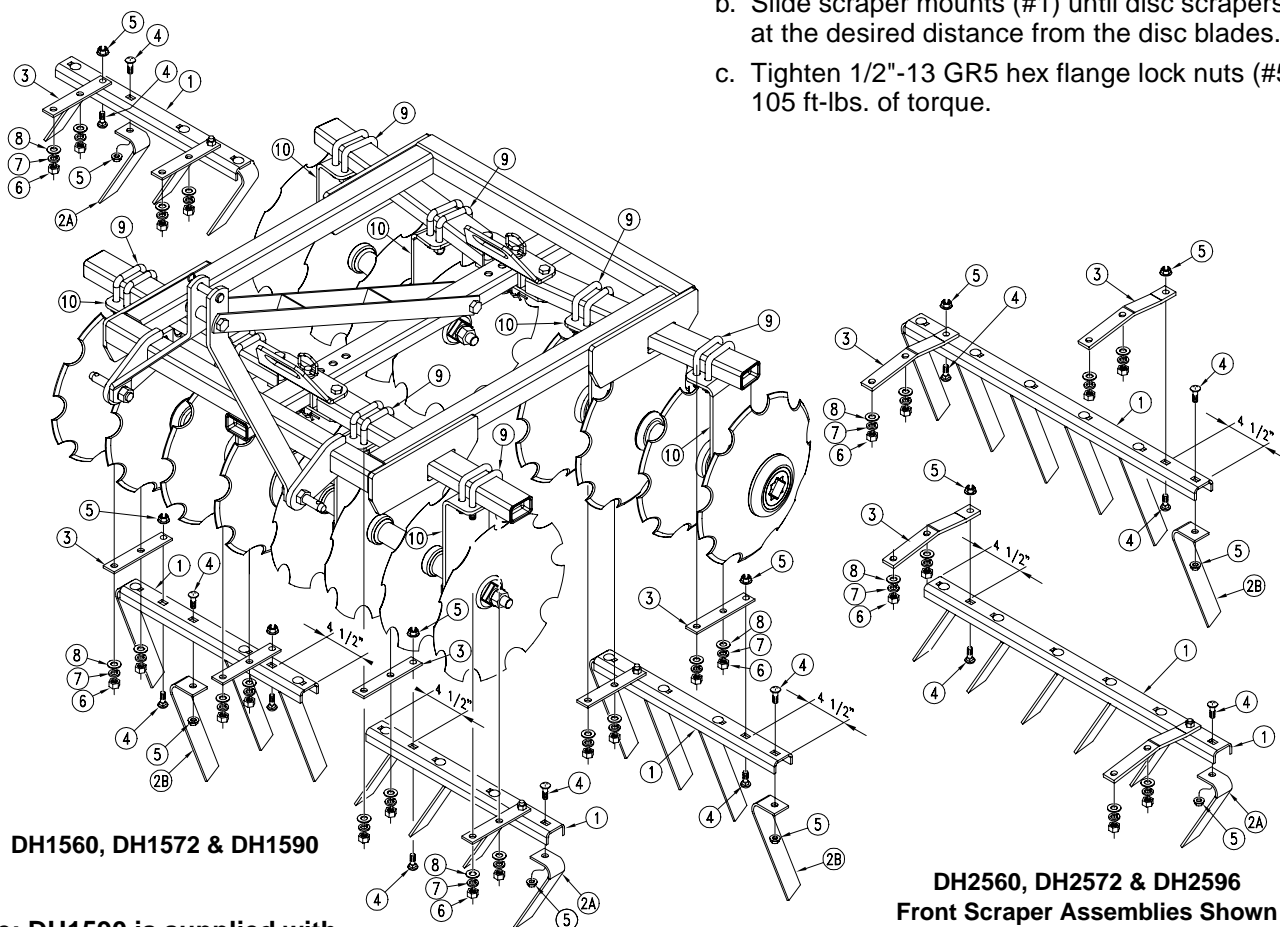
6. Assemble scraper bundles to u-bolts with existing 5/8" flat washers (#8), lock washers (#7) & nuts (#6). Draw nuts up snug, do not tighten.
7. Recheck fit-up of the scraper assembly and then torque 5/8" hex nuts (#6) to 97 ft-lbs.
8. Make adjustments to disc scrapers below before tightening hex flange lock nuts (#5).

Disc Scraper Adjustments

NOTE: The recommend distance between scraper and disc blades is 1/8". Any closer will result in excessive wear to the blades.

There are two different ways that adjustments may be made to the scrapers:

1. To adjust disc scrapers individually:
 - a. Loosen hex flange lock nuts (#5) that are securing the disc scrapers to the scrapers mounts.
 - b. Slide disc scrapers (#2A & #2B) to desired distance from disc blades.
 - c. Tighten 1/2"-13 GR5 hex flange lock nuts (#5) to 105 ft-lbs. of torque.
2. To adjust all disc scrapers at once:
 - a. Loosen hex flange lock nuts (#5) that are securing the scrapers mounts to the scraper hangers.
 - b. Slide scraper mounts (#1) until disc scrapers are at the desired distance from the disc blades.
 - c. Tighten 1/2"-13 GR5 hex flange lock nuts (#5) to 105 ft-lbs. of torque.



Note: DH1590 is supplied with three scraper hangers (#10).

Figure 1

18161

Assembly Instructions

322-040A DH1560 SCRAPER BUNDLE 7 1/2

Item	Qty.	Part No.	Part Description
------	------	----------	------------------

	2	322-017K	DH1560 CUP LEFT SCRAPER ASY
--	----------	-----------------	------------------------------------

Includes the following items.

1	1	322-019D	SCRAPER MOUNT
2A	4	322-021D	DISC SCRAPER LEFT
3	2	322-018D	SCRAPER HANGER
4	6	802-214C	RHSNB 1/2-13X1 1/4 GR5
5	6	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT

	2	322-016K	DH1560 CUP RIGHT SCRAPER ASY
--	----------	-----------------	-------------------------------------

Includes the following items.

1	1	322-019D	SCRAPER MOUNT
2B	4	322-020D	DISC SCRAPER RIGHT
3	2	322-018D	SCRAPER HANGER
4	6	802-214C	RHSNB 1/2-13X1 1/4 GR5
5	6	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT

322-041A DH1572 SCRAPER BUNDLE 7 1/2

Item	Qty.	Part No.	Part Description
------	------	----------	------------------

	2	322-019K	DH1572 CUP LEFT SCRAPER ASY
--	----------	-----------------	------------------------------------

Includes the following items.

1	1	322-022D	SCRAPER MOUNT LONG
2A	5	322-021D	DISC SCRAPER LEFT
3	2	322-018D	SCRAPER HANGER
4	7	802-214C	RHSNB 1/2-13X1 1/4 GR5
5	7	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT

	2	322-018K	DH1572 CUP RIGHT SCRAPER ASY
--	----------	-----------------	-------------------------------------

Includes the following items.

1	1	322-022D	SCRAPER MOUNT LONG
2B	5	322-020D	DISC SCRAPER RIGHT
3	2	322-018D	SCRAPER HANGER
4	7	802-214C	RHSNB 1/2-13X1 1/4 GR5
5	7	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT

322-278A DH1590 SCRAPER BUNDLE 7 1/2

Item	Qty.	Part No.	Part Description
------	------	----------	------------------

	2	322-277K	DH1590 CUP LEFT SCRAPER ASY
--	----------	-----------------	------------------------------------

Includes the following items.

1	1	322-252D	SCRAPER MOUNT 6 DISC DH1590
2A	6	322-021D	DISC SCRAPER LEFT
3	3	322-018D	SCRAPER HANGER
4	9	802-214C	RHSNB 1/2-13X1 1/4 GR5
5	9	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT

	2	322-276K	DH1590 CUP RIGHT SCRAPER ASY
--	----------	-----------------	-------------------------------------

Includes the following items.

1	1	322-252D	SCRAPER MOUNT 6 DISC DH1590
2B	6	322-020D	DISC SCRAPER RIGHT
3	3	322-018D	SCRAPER HANGER
4	9	802-214C	RHSNB 1/2-13X1 1/4 GR5
5	9	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT

Assembly Instructions

322-082A DH2560 SCRAPER BUNDLE 7 1/2

Item	Qty.	Part No.	Part Description
------	------	----------	------------------

	2	322-064K	DH2560 CUP LEFT SCRAPER ASY
--	----------	-----------------	------------------------------------

Includes the following items.

1	1	322-019D	SCRAPER MOUNT
2A	4	322-021D	DISC SCRAPER LEFT
3	2	322-023D	SCRAPER Z-HANGER
4	6	802-214C	RHSNB 1/2-13X1 1/4 GR5
5	6	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT

	2	322-063K	DH2560 CUP RIGHT SCRAPER ASY
--	----------	-----------------	-------------------------------------

Includes the following items.

1	1	322-019D	SCRAPER MOUNT
2B	4	322-020D	DISC SCRAPER RIGHT
3	2	322-023D	SCRAPER Z-HANGER
4	6	802-214C	RHSNB 1/2-13X1 1/4 GR5
5	6	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT

322-083A DH2572 SCRAPER BUNDLE 7 1/2

Item	Qty.	Part No.	Part Description
------	------	----------	------------------

	2	322-081K	DH2572 CUP LEFT SCRAPER ASY
--	----------	-----------------	------------------------------------

Includes the following items.

1	1	322-022D	SCRAPER MOUNT LONG
2A	5	322-021D	DISC SCRAPER LEFT
3	2	322-023D	SCRAPER Z-HANGER
4	7	802-214C	RHSNB 1/2-13X1 1/4 GR5
5	7	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT

	2	322-080K	DH2572 CUP RIGHT SCRAPER ASY
--	----------	-----------------	-------------------------------------

Includes the following items.

1	1	322-022D	SCRAPER MOUNT LONG
2B	5	322-020D	DISC SCRAPER RIGHT
3	2	322-023D	SCRAPER Z-HANGER
4	7	802-214C	RHSNB 1/2-13X1 1/4 GR5
5	7	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT

322-035A DH2596 SCRAPER BUNDLE 7 1/2

Item	Qty.	Part No.	Part Description
------	------	----------	------------------

	2	322-036K	DH2596 CUP LEFT SCRAPER ASY
--	----------	-----------------	------------------------------------

Includes the following items.

1	1	322-024D	SCRAPER MOUNT 6 DISC
2A	6	322-021D	DISC SCRAPER LEFT
3	2	322-023D	SCRAPER Z-HANGER
4	8	802-214C	RHSNB 1/2-13X1 1/4 GR5
5	8	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT

	2	322-037K	DH2596 CUP RIGHT SCRAPER ASY
--	----------	-----------------	-------------------------------------

Includes the following items.

1	1	322-024D	SCRAPER MOUNT 6 DISC
2B	6	322-020D	DISC SCRAPER RIGHT
3	2	322-023D	SCRAPER Z-HANGER
4	8	802-214C	RHSNB 1/2-13X1 1/4 GR5
5	8	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT

Assembly Instructions

322-049A DH2596 SCRAPER BUNDLE 9

Item	Qty.	Part No.	Part Description
	2	322-051K	DH2596 CUP 9 LEFT SCRAPER ASY
Includes the following items.			
1	1	322-025D	SCRAPER MOUNT 5 DISC 9 SPACING
2A	5	322-021D	DISC SCRAPER LEFT
3	2	322-023D	SCRAPER Z-HANGER
4	7	802-214C	RHSNB 1/2-13X1 1/4 GR5
5	7	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT
	2	322-052K	DH2596 CUP 9 RIGHT SCRAPER ASY
Includes the following items.			
1	1	322-025D	SCRAPER MOUNT 5 DISC 9 SPACING
2B	5	322-020D	DISC SCRAPER RIGHT
3	2	322-023D	SCRAPER Z-HANGER
4	7	802-214C	RHSNB 1/2-13X1 1/4 GR5
5	7	803-169C	NUT HEX FLG. LOCK 1/2-13 PLT

322-050A DH2596 SCRAPER BUNDLE 7 1/2-9

Item	Qty.	Part No.	Part Description
	1	322-036K	DH2596 CUP 7 1/2 LEFT SCRAPER ASY
Includes the following items.			
1	1	322-252D	SCRAPER MOUNT 6 DISC
2A	6	322-021D	DISC SCRAPER LEFT
3	2	322-023D	SCRAPER Z-HANGER
4	8	802-214C	RHSNB 1/2-13X1 1/4 GR5
5	8	803-019C	NUT LOCK 1/2-13 PLT
	1	322-037K	DH2596 CUP 7 1/2 RIGHT SCRAPER ASY
Includes the following items.			
1	1	322-252D	SCRAPER MOUNT 6 DISC
2B	6	322-020D	DISC SCRAPER RIGHT
3	2	322-023D	SCRAPER Z-HANGER
4	8	802-214C	RHSNB 1/2-13X1 1/4 GR5
5	8	803-019C	NUT LOCK 1/2-13 PLT
	1	322-051K	DH2596 CUP 9 LEFT SCRAPER ASY
Includes the following items.			
1	1	322-025D	SCRAPER MOUNT 5 DISC 9 SPACING
2A	5	322-021D	DISC SCRAPER LEFT
3	2	322-023D	SCRAPER Z-HANGER
4	7	802-214C	RHSNB 1/2-13X1 1/4 GR5
5	7	803-019C	NUT LOCK 1/2-13 PLT
	1	322-052K	DH2596 CUP 9 RIGHT SCRAPER ASY
Includes the following items.			
1	1	322-025D	SCRAPER MOUNT 5 DISC 9 SPACING
2B	5	322-020D	DISC SCRAPER RIGHT
3	2	322-023D	SCRAPER Z-HANGER
4	7	802-214C	RHSNB 1/2-13X1 1/4 GR5
5	7	803-019C	NUT LOCK 1/2-13 PLT



Corporate Office: P.O. Box 5060
Salina, Kansas 67402-5060 USA
www.landpride.com
