LANED32288

Installation Instructions

Static Electricity Dissipater for JD HD-Series Wheeled Headers

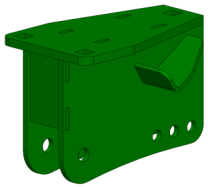
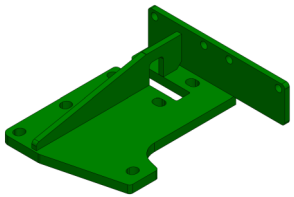
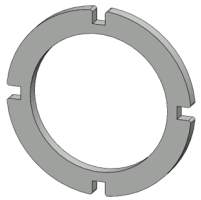
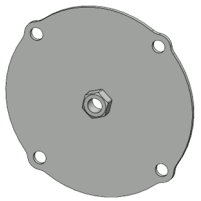
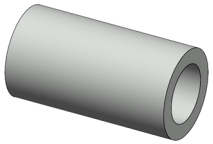
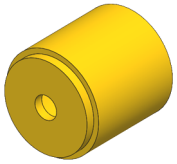
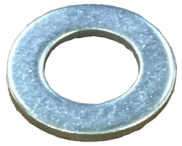
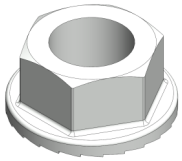
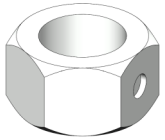
LANKOTA®

270 West Park Avenue
Huron, SD 57350
866-526-5682

Numerical Parts List

Part Numbers	Description	Qty
LANED322A	Static Dissipater Arm—18.5” Long	1
LANED322B	Dissipater Spring Mount	1
LANED322C	Dissipater Mount, HD Wheeled Headers	1
LANED275	Grounding Spacer	1
LANED276	Grounding Plate, Disc-to-Bolt	1
LANED277	Pivot Bushing	1
LANSS651P	Spring Hub Pipe	2
LANSS561G	Torsion Spring	1
LANGD4121	Disc Opener, 15” OD	1
LAN8476A612	Spring Plunger, Stainless	1
LANSS704	Twist Lock Pin, 1/2”	1
LAN82340	Synthetic Grease w/ PTFE, Dielectric, 1cc	3
LAN3726000	5/8” x 4” Hex Bolt	1
REDB710	5/8” x 2.5” Hex Bolt	1
LANFWS57	5/8” SAE Flat Washer	8
REDKRJF	5/8” Top Lock Nut	2
REDKRJ8	5/16” Top Lock Nut	4
LAN204K	5/16” x 1” Carriage Bolt	4
REDWL53	3/8” Lock Washer	1
REDNAF3	3/8” Hex Nut	1
RED708K	5/8” x 2” Carriage Bolt	3
LANFTK6R	5/8”-11 Center Lock Nut	4
LANB714	5/8” x 3.5” Hex Bolt	4
LAN690830	5/8”-11 Serrated Flange Nut	3

Pictorial Parts List

 LANED322A (1)	 LANED322B (1)	 LANED322C (1)	 LANED275 (1)	 LANED276 (1)
 LANED277 (1)	 LANSS651P (2)	 LANSS651G (1)	 LANGD4121 (1)	 LAN8476A612 (1)
 LAN82340 (3)	 LAN3726000 (1)	 REDB710 (1)	 LANFWS57 (8)	 REDKRJF (2)
 LANSS704 (1)	 LAN690830 (3)	 LANB714 (4)	 LANFTK6R (1)	 REDKRJ8 (4)
 RED708K (3)	 REDNAF3 (1)	 LAN204K (4)	 REDWL53 (1)	

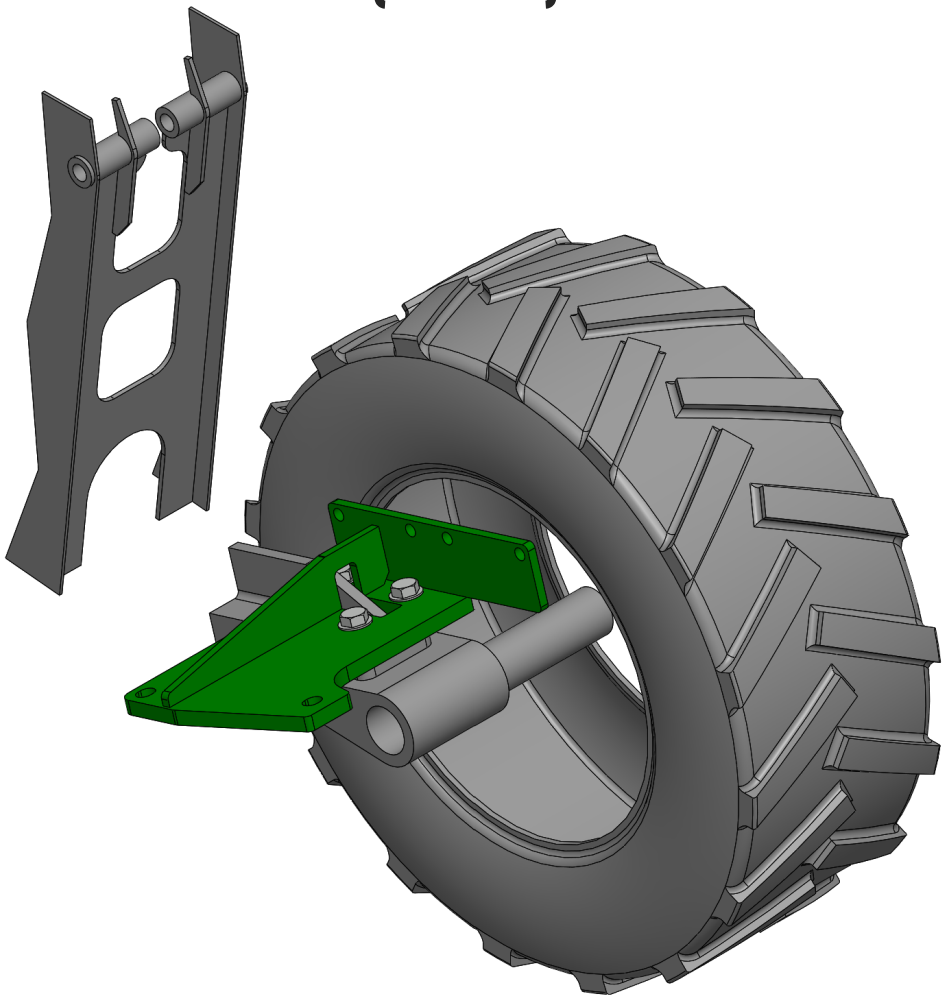
Kit Installation

Refer to Figures 1 & 2

1. Remove the bolts holding the wheel to the header.
2. Attach the dissipator mount (LANED322C) using the provided 5/8” x 3.5” Hex Bolts (LANB714), 5/8” Flat Washers (LANFWS57), and 5/8” Center Lock Nuts (LANFTK6R).

Figure 1

Figure 2



Refer to Figures 3 & 4

3. Apply anti-seize or grease to the inner surface of the arm (LANED271) and then slide the pivot bushing (LANED277) inside.

Figure 3

Figure 4

Kit Installation

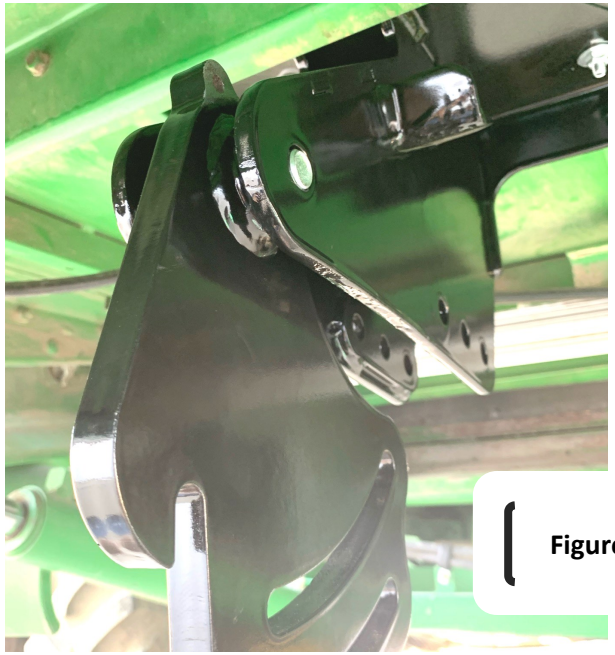


Figure 5

Figure 6

Refer to Figures 5—8

4. Hang the arm and bushing from the mount. Use the 5/8” x 2.5” bolt as a temporary pin. The “hook” goes forward/down.
5. Hold the spring up with the legs around the main mount and the center bend in the arm’s hook as shown.
6. Set a spring hub (LANSS651P) inside a spring coil. Press the 5/8” x 4” bolt (LAN3726000), with a washer (LANFWS57), through the mount and arm bushing (push the shorter bolt out as you do so).
7. Put the second spring hub in the other side and fasten it all with another washer and a 5/8” top lock nut (REDKRJF). Tighten well. Check that the arm swings smoothly.

Figure 7

Figure 8

Kit Installation

Figure 9

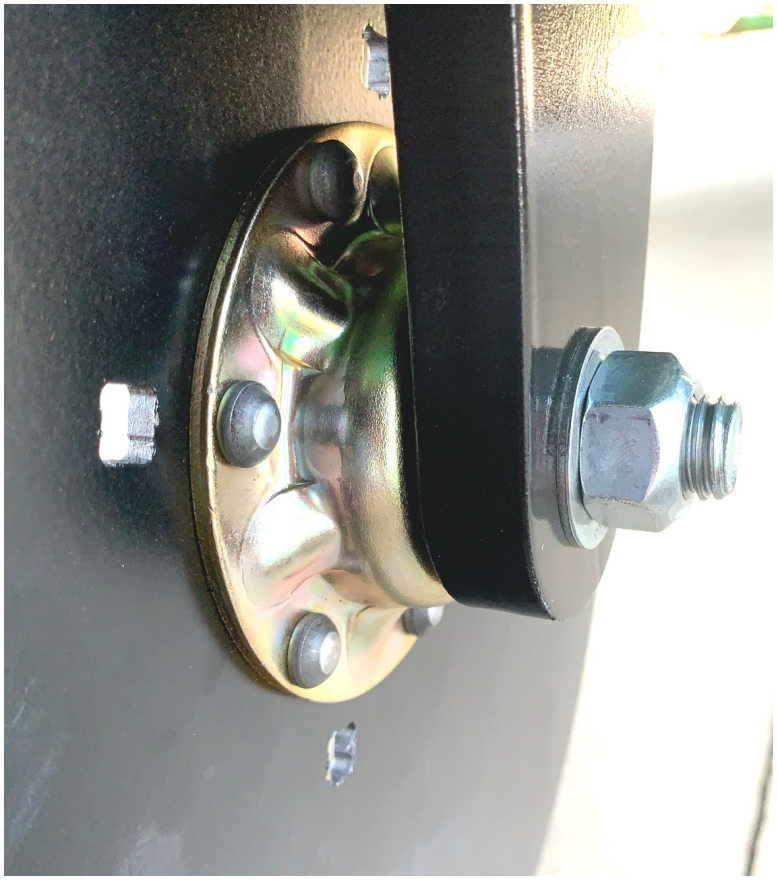
Refer to Figures 9—12

8. Clean any paint or debris from the hole at the end of the arm. A good electrical connection is needed here.
9. Open a pouch of the provided dielectric grease and apply some to the cleaned hole.
10. Slide the 5/8” x 2.5” hex bolt (REDB710) through the disc’s bearing (LANGD4121).
11. Put two 5/8” washers (LANFWS57) on the bolt and then push the bolt through the grease and arm.
12. Install another washer and fasten with a 5/8” top lock nut (REDKRJF). Tighten well.

Figure 10

Figure 11

Figure 12



Kit Installation

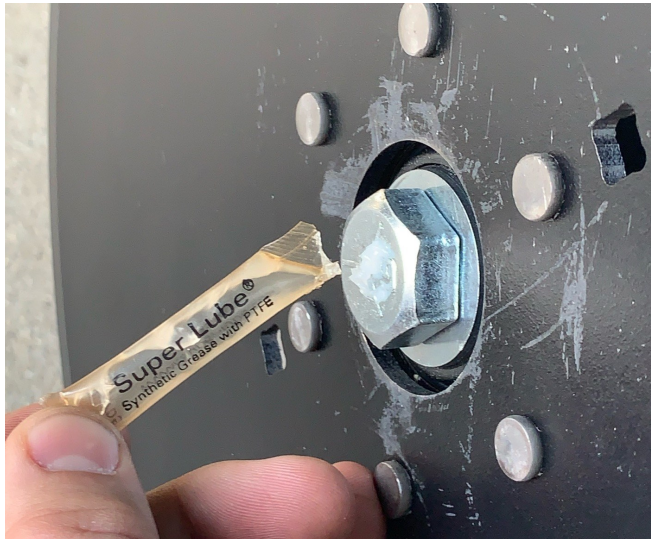


Figure 13

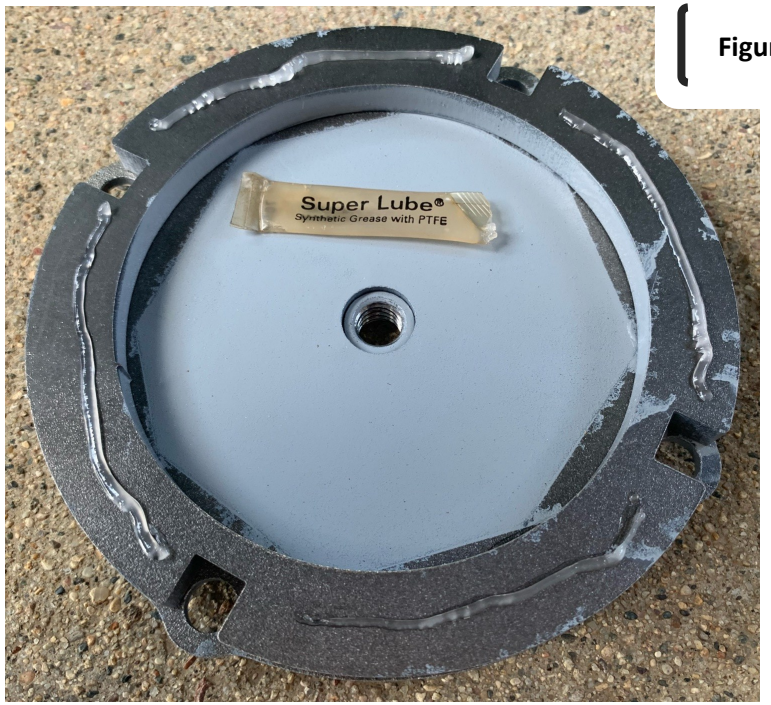


Figure 14

Refer to Figures 13—16

13. Apply some dielectric grease to the center of the head of the 5/8” bolt.
14. Apply a bead of dielectric grease to one side of the spacer (LANED275).
15. Flip it over and set it on the grounding plate (LANED276) as shown.
16. Apply another bead of dielectric grease to the side of the spacer.
17. Attach the spacer and plate to the disc with four 5/16” x 1” carriage bolts (LAN204K)and top lock nuts (REDKRJ8). Tighten evenly.

Figure 15

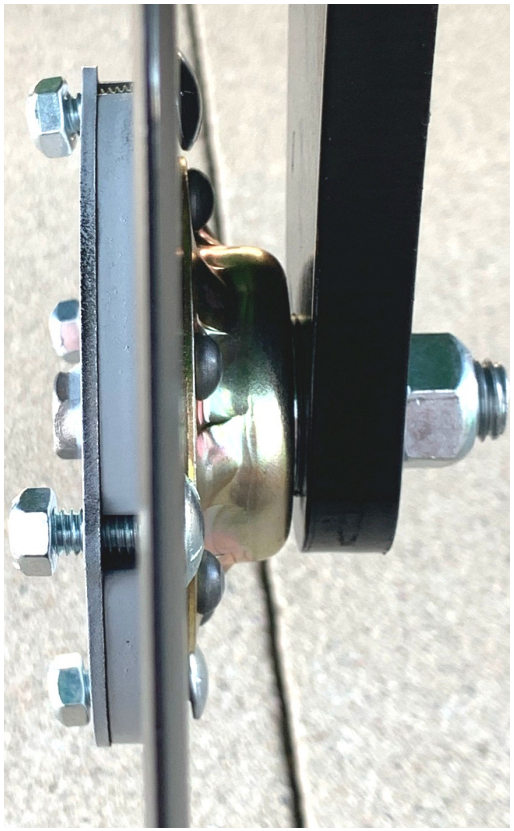


Figure 16

Refer to Figures 17—19

18. Screw the 3/8” nut (REDNAF3) onto the spring plunger (LAN8476A612) and slide the 3/8” lock washer (REDWL53) on as well.
19. Thread the plunger into the weld nut of the grounding plate until you feel the plunger tip contact the 5/8” bolt.
20. Using a hex key, compress the plunger 1-1.5 turns. Hold the key and disc stationary and tighten the hex nut and lock washer.

Figure 17

Figure 18

Figure 19

Refer to Figures 20

21. The arm and spring mount have two slotted positions for use depending on the height/depth required as well as several storage hole positions toward the back.

22. Use the 1/2” twist-lock pin to set the arm in the best position.

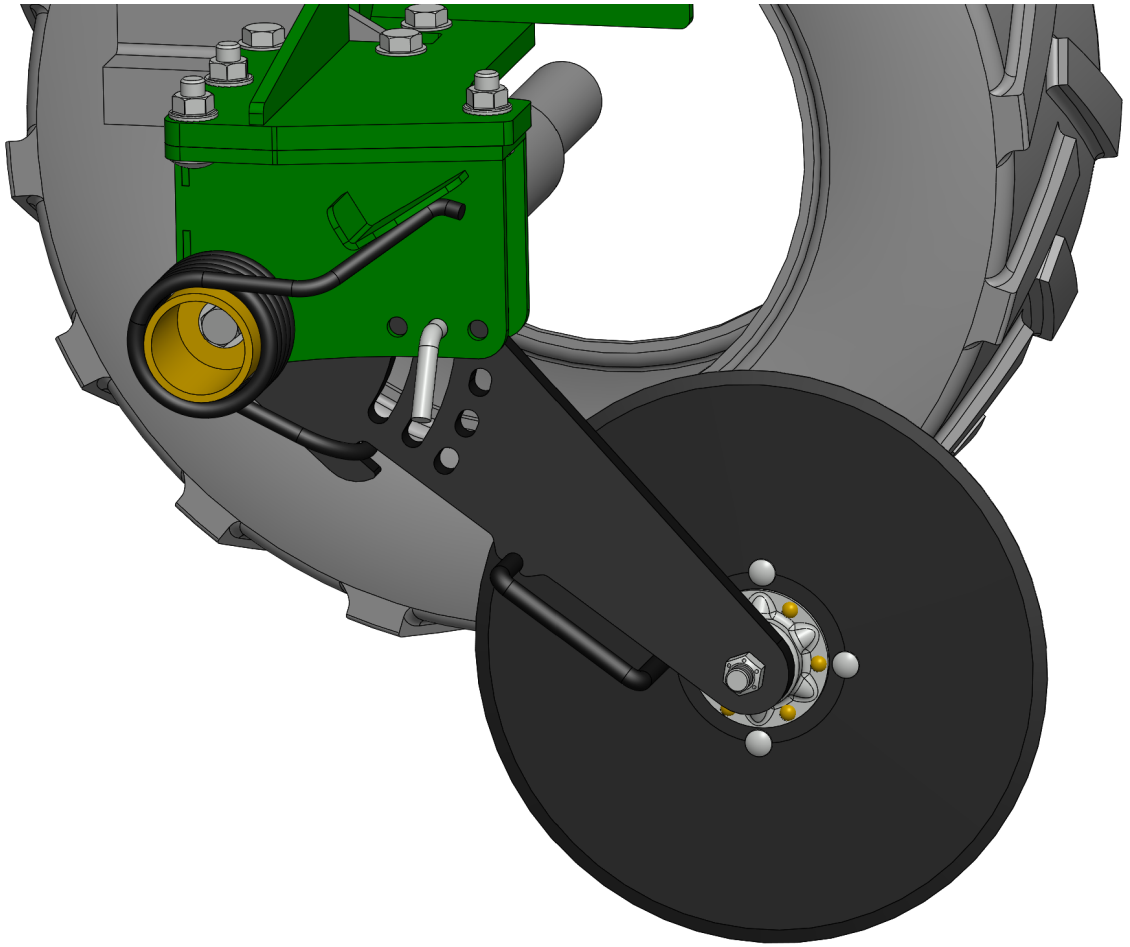


Figure 20

For further technical assistance,

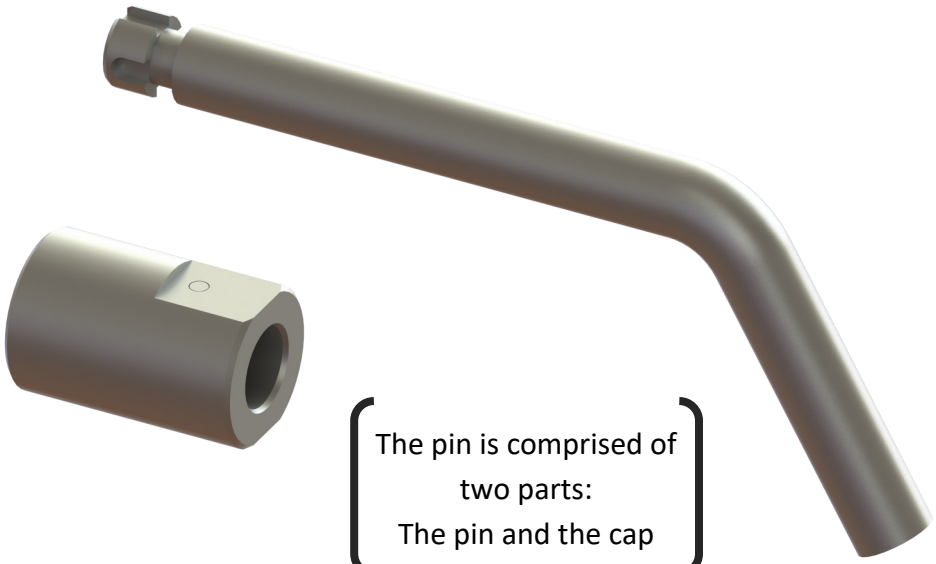
Call Lankota Inc. at:

1-866-526-5682

LANKOTA®

LANSS704 Instructions

Lankota 1/2" Twist-Lock Pin



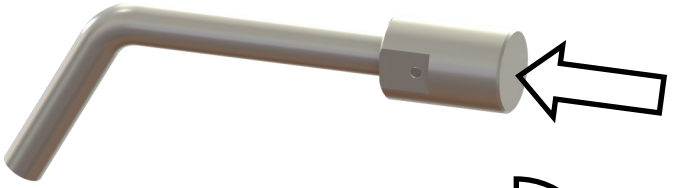
The pin is comprised of two parts:
The pin and the cap

The LANSS704 is a patent pending pin designed by Lankota Inc. for the harsh environment of the field. The simple push, twist and release design ensures that the cap and pin cannot be separated by vibration or debris.

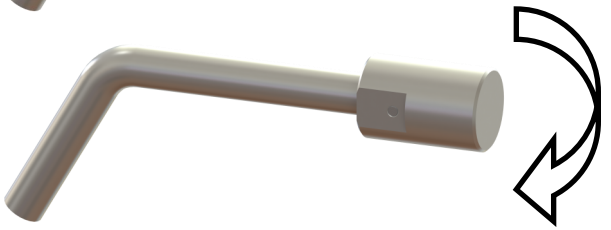
For any questions, please contact Lankota.

Removing LANSS704

Step 1: Push the cap in and hold.



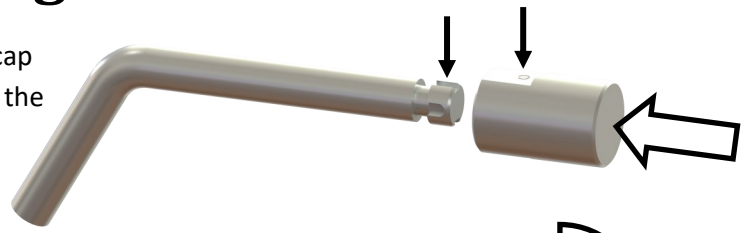
Step 2: Twist cap 90° left or right.



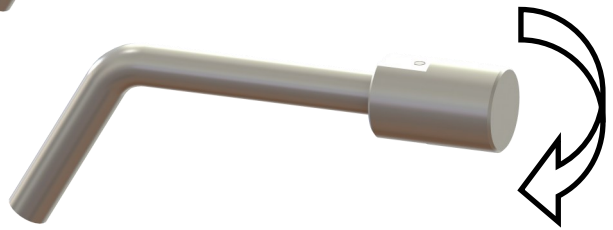
Step 3: Slide the cap off the pin.

Installing LANSS704

Step 1: Align the cap retaining pin with the open groove and push on.



Step 2: Twist cap 90° left or right.



Step 3: Release the cap and ensure it is secure.