

Hopper Clopper Replacement Kit

Introduction

This instruction sheet covers the procedures for replacing and adjusting either a 300-mm or 425-mm hopper clopper.



WARNING: Allow only qualified personnel to perform the following tasks. Follow the safety instructions in this document and all other related documentation.

Replace the Hopper Clopper

See Figure 1.

1. Remove the screws (3) securing the hopper clopper to the feed center housing (2).
2. Remove the screws (4), washers (5), and nuts (6) securing the hopper clopper to the hopper bracket (1).
3. Install the new hopper clopper to the hopper bracket (1) using the screws (4), washers (5), and nuts (6). Tighten the nuts securely.
4. Attach the hopper clopper to the feed center housing (2) using the screws (3). Do not tighten the screws at this time. Refer to the *Adjust the Hopper Clopper* procedure.

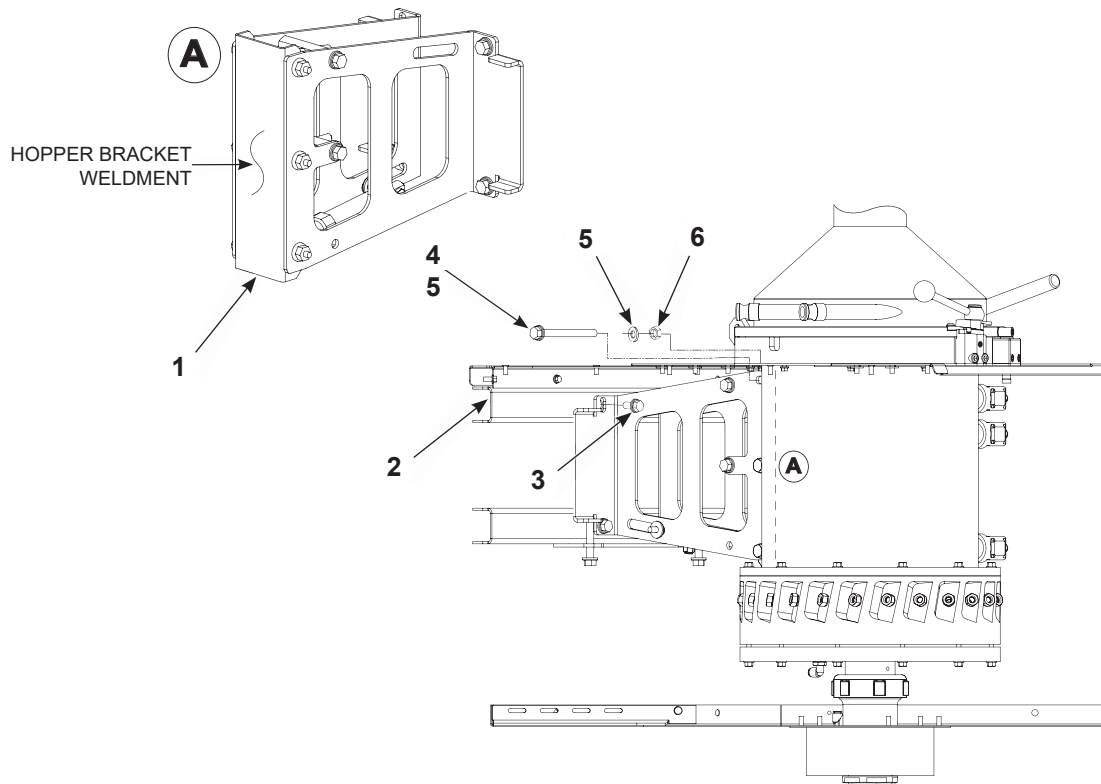


Figure 1 Hopper Clopper Installation (Some parts are not shown for clarity.)

- | | | |
|---------------------------|----------------------------|-------------------------|
| 1. Hopper clopper bracket | 3. M10 x 20-mm screws (4) | 5. M10 flat washers (6) |
| 2. Feed center housing | 4. M10 x 110-mm screws (3) | 6. M10 hex nut (3) |

Adjust the Hopper Clopper

See Figure 2.

1. Use the adjustment screws (1) to adjust the in, out, and pitch of the hopper axis.
2. Use the jack-bolts (2) to adjust the height and pitch of the hopper axis.
3. Tighten the screws (3) securely after adjusting the hopper clopper.

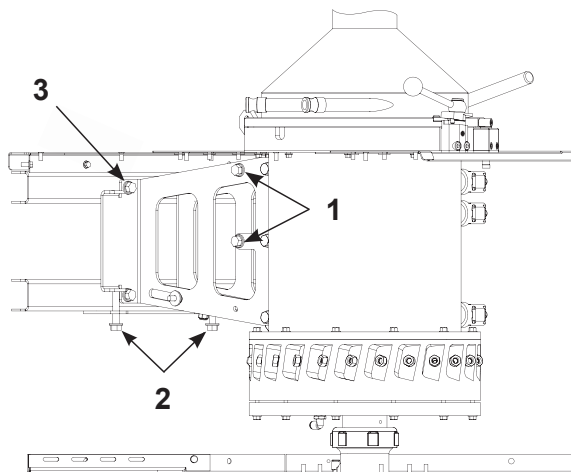


Figure 2 Adjusting the Hopper Clopper (Some parts are not shown for clarity.)

1. Adjustment screws

2. Jack-bolts

3. M10 x 20-mm screws (4)

Parts

See Figure 3 and refer to the following parts list.

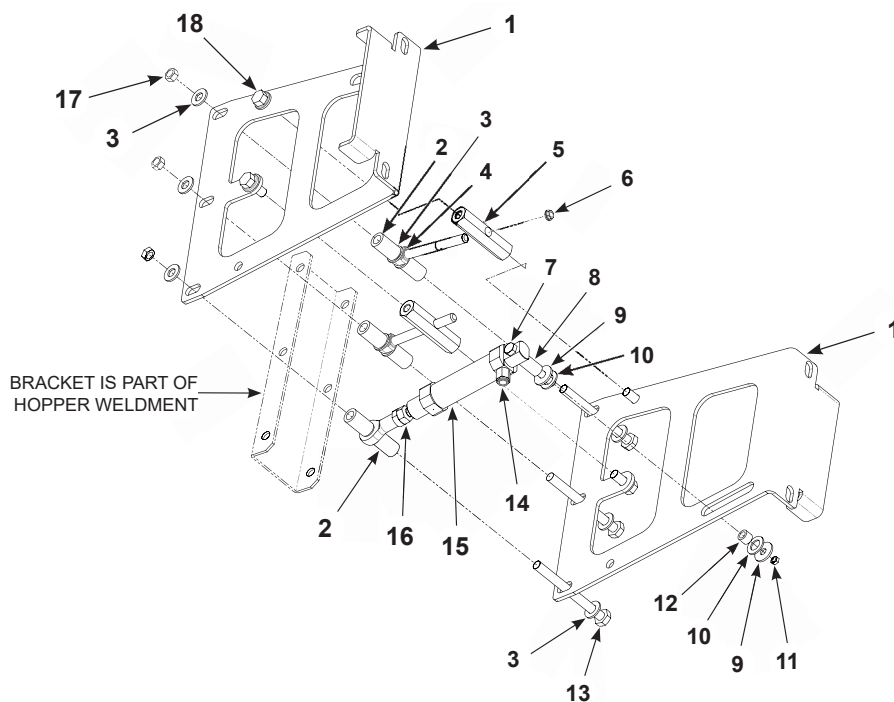


Figure 3 Hopper Clopper Parts

Item	Part	Description	Quantity	Note
—	1623433	KIT,service,hopper clopper replacement	1	
1	-----	PLATE, mounting, 300 mm hopper, Spectrum	2	
2	UA	SPACER, M10 x 30 long, steel	6	
3	UA	WASHER, flat, M, regular, M10, zinc	10	
4	UA	BOLT, eye, M10 X 1.5 x 100, 85 mm thread,10 mm id	2	
5	UA	BAR, jack-bolt, M10, hopper	2	
6	UA	NUT, hex, flanged, serrated, M10	4	
7	UA	SCREW, cap, hex head, M8 X 70, steel/zinc	1	
8	UA	SPACER, M8 X 27.5 long, steel, black	1	
9	UA	WASHER,flat, M, oversized, 8, steel/zinc	2	
10	UA	WASHER, flat, 0.5 in., UHMW	2	
11	UA	NUT, lock, hex, M8, steel, nylon insert, zinc	1	
12	UA	BEARING, sleeve, 0.3125 id,UHMW	1	
13	UA	SCREW, cap, hex head, M10 X 110, steel/zinc	3	
14	UA	FITTING, tube, straight, 8mm X G $\frac{1}{8}$ male	1	
15	-----	CYLINDER, 25 mm bore, 50 mm stroke	1	
16	-----	ROD END, cylinder, ISO8139,10mm	1	
17	UA	NUT, hex, M10, steel/zinc	3	
18	UA	SCREW, hex, serrated, M10 x 20 mm, zinc	8	

NOTE:

UA: Unavailable for purchase through Nordson. Contact local distributor or local source.

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