

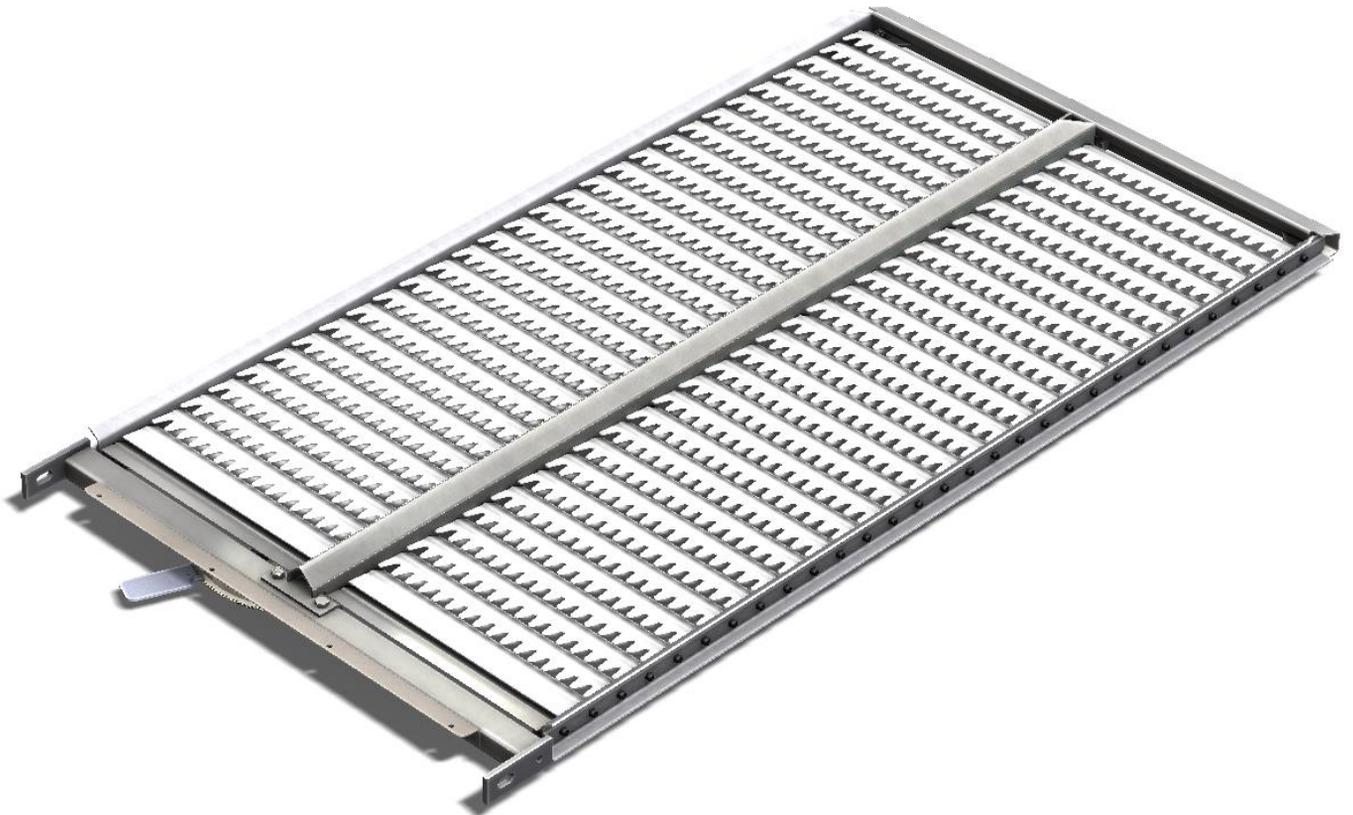


# Gateway

SIEVE & CHAFFER SYSTEM

## *Installation Guide*

CaseIH & New Holland CR, CX Machines



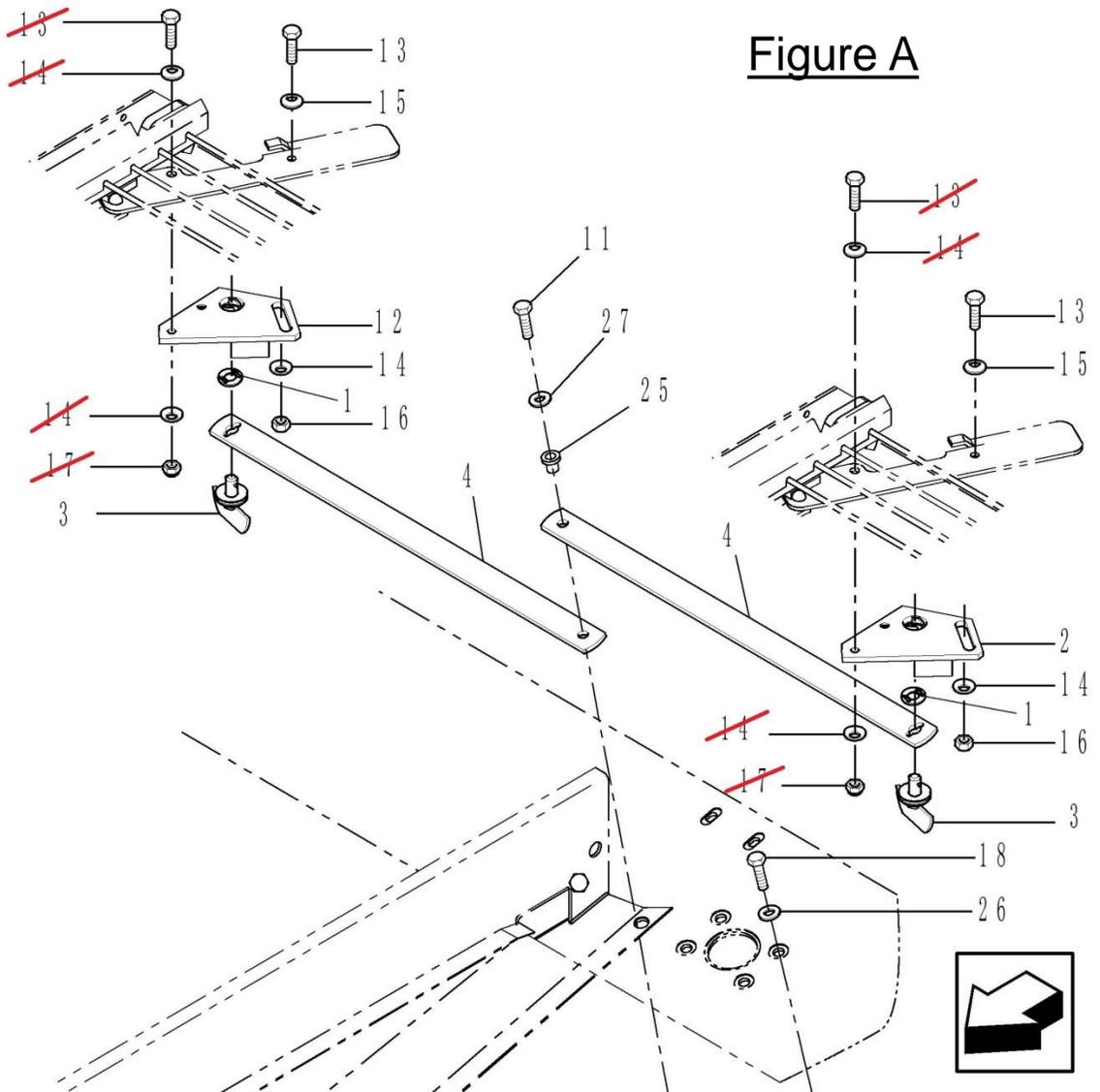


Thank you for your purchase of a Gateway sieve. Some of the features of your new sieve may require some modification to your existing parts and/or may mount in your shoe slightly different than your OEM sieve. This instruction sheet should answer those questions.

## Removal of steel OEM frames:

Review any literature in your manual that refers to removal of sieves.

- Arrows refer to direction of travel unless otherwise noted.
- Remove 18mm bolts on side member. Remove 18mm bolts from center section (larger machines).
- Rotate Item #3 (Figure A) clockwise (may require pliers) on both top and bottom sieves. Item #3 should remain attached to Item #4 which will stay connected to the machine during removal of steel frames.
- After removing steel frames several items will need to be removed and attached to your Gateway frame. (see "Parts transfer from Steel to Gateway frame").



**Figure A**

## Parts transfer from Steel to Gateway frames:

- Item #12 in Figure A will need to be removed (with fasteners) from all top and bottom frames and reattached to the Gateway handles.
- While installing Item #12 to the Gateway handle; note that the loose fasteners provided (shown in Figure B below) will replace Items #13, 14, & 17 where crossed off in Figure A on the previous page.

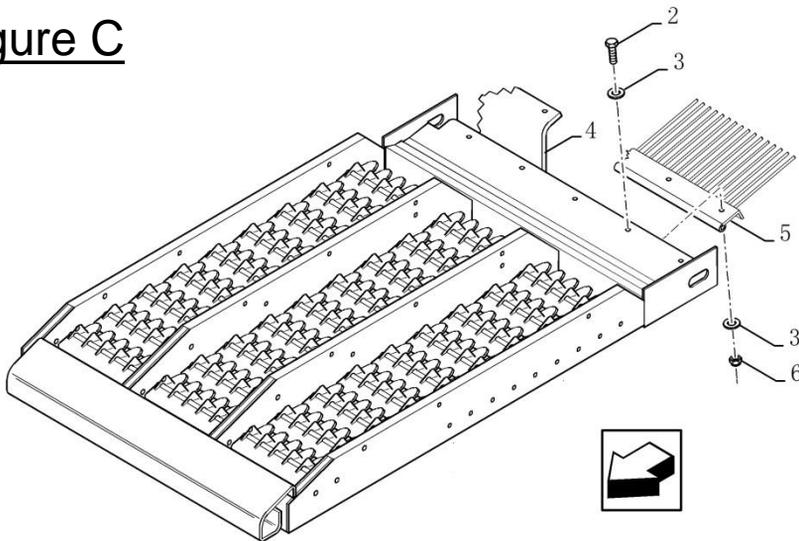


Figure B

## Parts transfer from Steel to Gateway frames (continued):

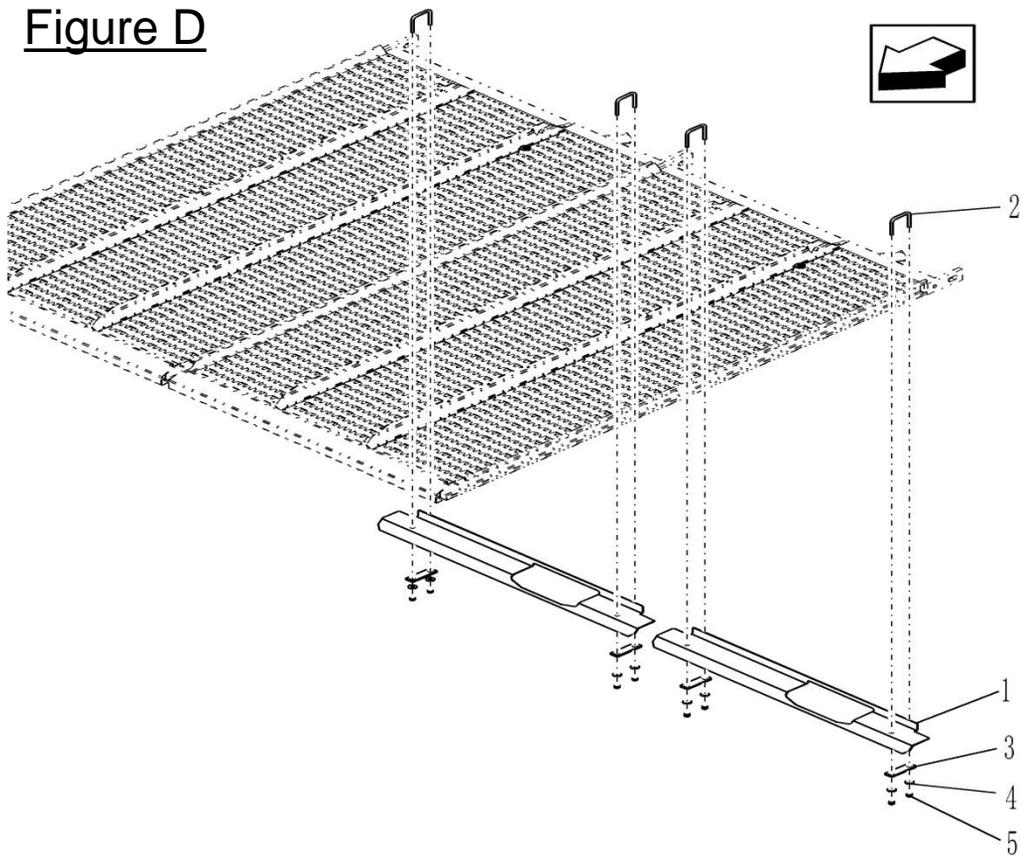
- The top chaffer(s) will require the transfer of Items #2, 3, 4 (seal), 5 (rake), & 6 shown in Figure C. Note how each item is assembled to the steel frame; duplicate that assembly to the Gateway frame.

Figure C



- The bottom sieve(s) will require the transfer of Items #1, 2, 3, 4, & 5 shown in Figure D. Discard Item #1 and replace with provided Gateway plates of similar design. (Item #1 Gateway plates may be loose or assembled to Gateway upon removal from box).

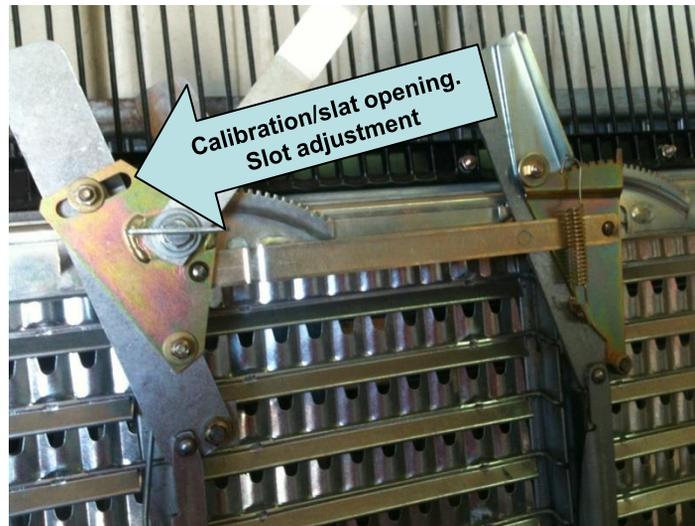
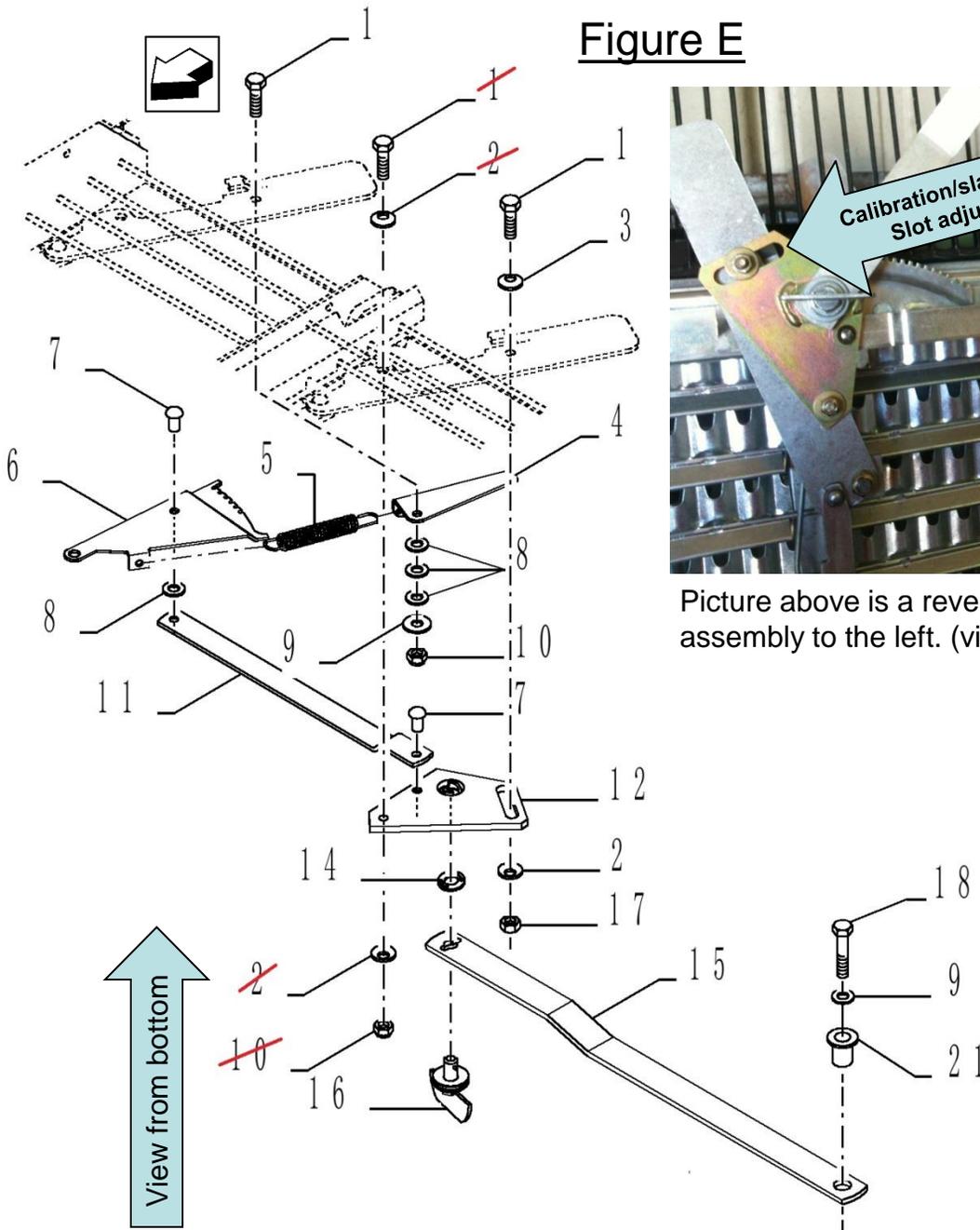
Figure D



# Parts transfer from Steel to Gateway frames (continued):

## Top chaffer with two adjustments

- The top chaffer with dual adjustment will require the transfer of individual parts and parts riveted together on your steel frame.
- Items 6, 11, 12 & 15 can be removed as an assembly (Including item #16) and reattached to your Gateway handles. Note that the loose fasteners provided (shown in Figure B) will replace Items #1, 2, & 10 where crossed off in Figure E.
- Items #4, 5, 8, 9, 10 should also be removed and transferred to the Gateway handles.



Picture above is a reverse view of exploded assembly to the left. (view from bottom)

## Final notes / summary:

- Slight rotation of adjustment lever in the combine, either by cab or up/down arrow buttons at rear of combine may be required to make connections with sieve adjustments.
- Adjustment slot can be adjusted to aid in maximum opening of sieve slats and calibration of Gateway sieves. See Figure E arrow referring to slot adjustment.
- Refer to sieve calibration in operators manual.



**IF YOU HAVE OTHER QUESTIONS:** Please contact your dealer or distributor.

You may also email or visit our website at:

e-mail: [info@hccinc.com](mailto:info@hccinc.com)

web: [www.hccinc.com](http://www.hccinc.com)