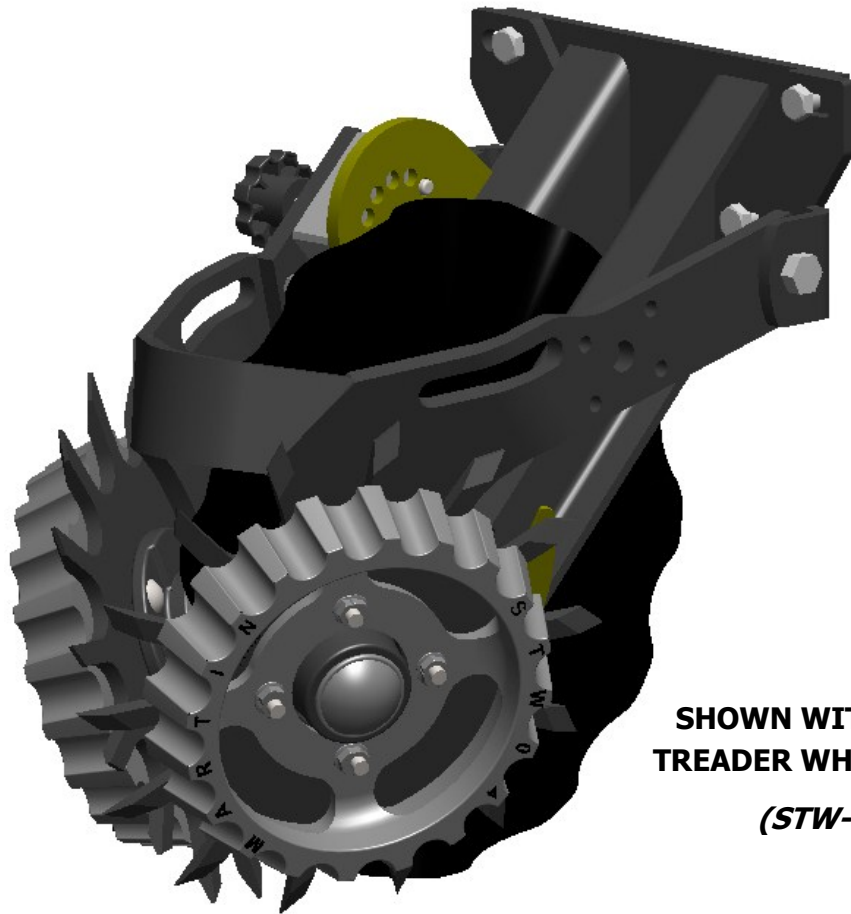


BKC 1360

1360 ROW CLEANER with KC MOUNTS (for Kinze with no-till coulters)

Installation Instructions



**SHOWN WITH OPTIONAL SIDE
TREADER WHEELS & CAM ADJUST**

(STW-04 & CA03-K)



Martin Planter Attachments

Martin Industries LLC

206 Elk Fork Road

Elkton, KY 42220

Telephone: 270-265-5817

E-Mail: martin@martintill.com

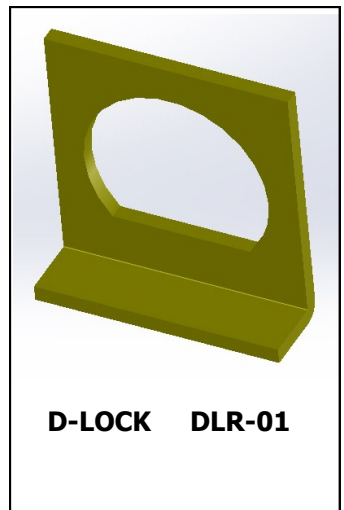
www.martintill.com



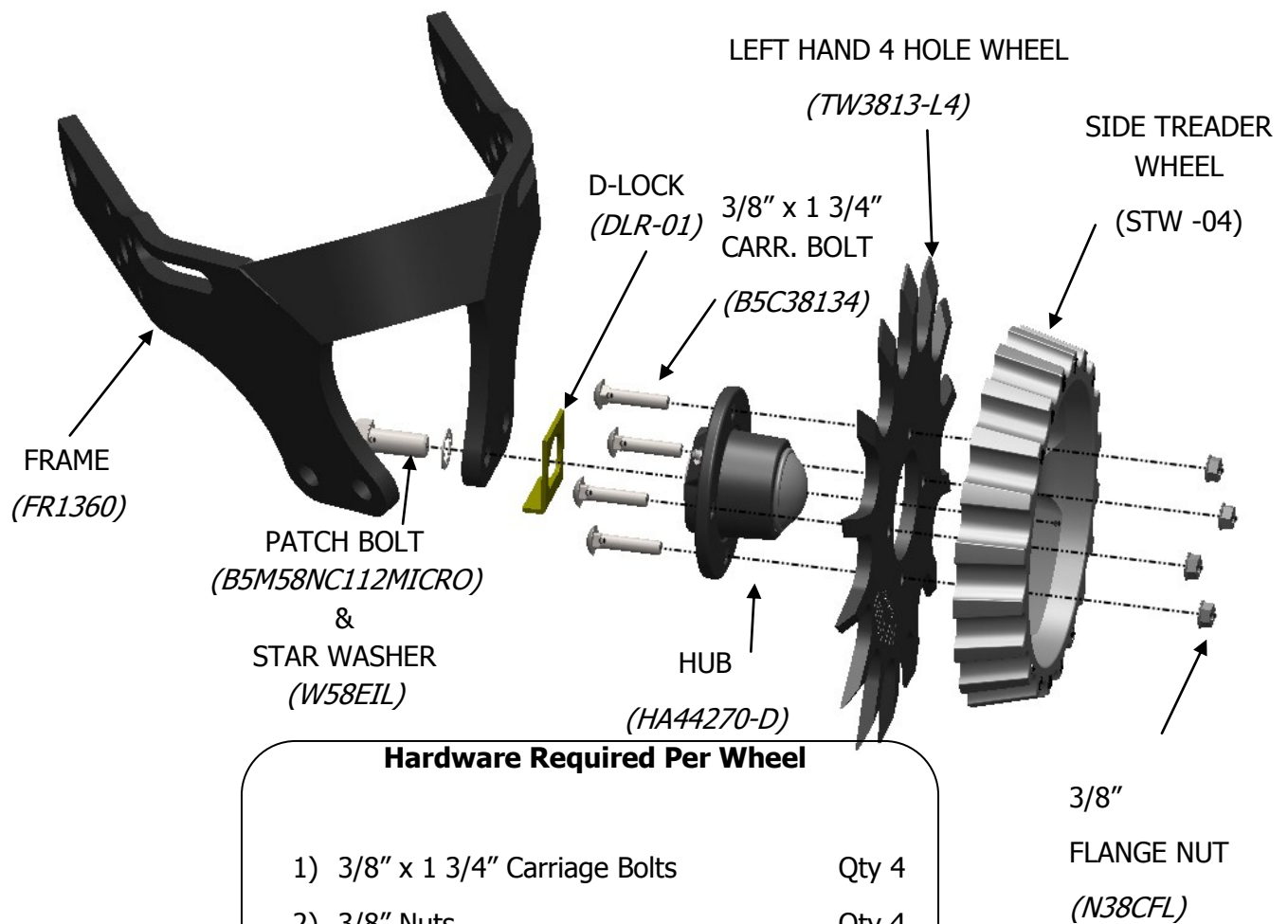
INSTALLING THE WHEEL ASSEMBLY WITH D-LOCK TO THE 1360 FRAME

Either the D-Lock (illustrated right) or the D-Lock deflector (illustrated on following page) must be installed to allow the 5/8" patch bolt to tighten without the hub rotating. The D-Lock is recommended when working in corn stalks, conventional tillage, minimum tillage or strip till.

- 1) Attach the D-lock to the end of the hub axle making sure it is flush with the end of the axle before bolting the axle to the frame.
- 2) Secure the hub to the frame with the 5/8" bolt and star washer and torque to 200 ft. lbs. Re-tighten after first day's use.
- 3) Install the toothed wheel (part number to the outside) and side treader wheel on the hub with the four carriage bolts and flange head nuts. Torque to 60 ft. lbs and re-tighten after first day's use.
- 4) The wheel marked TW3813-L4 is for use on the left side of the frame (as viewed from behind the machine). Repeat for opposite side.



D-LOCK DLR-01



Hardware Required Per Wheel

1) 3/8" x 1 3/4" Carriage Bolts	Qty 4
2) 3/8" Nuts	Qty 4
3) 5/8" x 1 1/2" Patch Bolt	Qty 1
4) 5/8" Star Washer	Qty 1

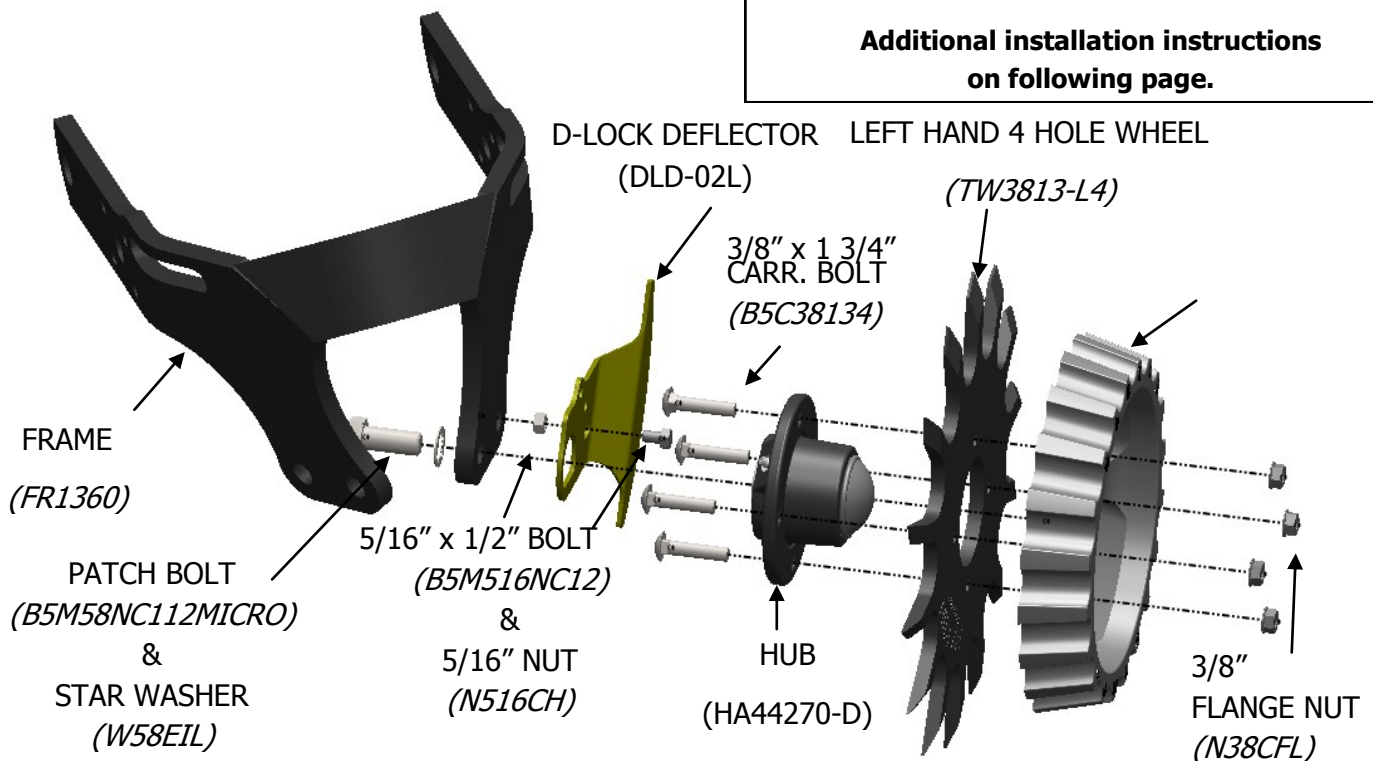
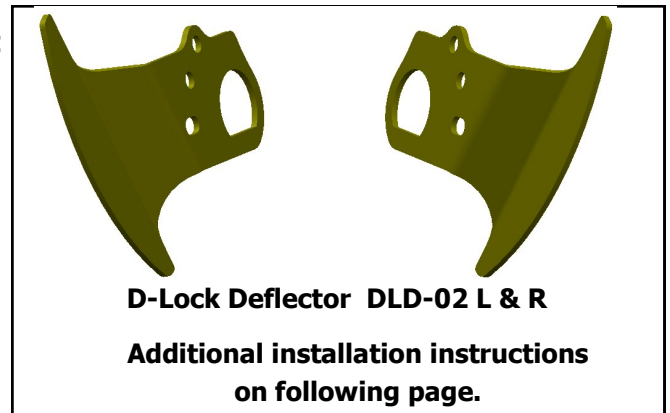
3/8"
FLANGE NUT
(N38CFL)

INSTALLING THE WHEEL ASSEMBLY WITH D-LOCK

DEFLECTOR (DLD-02) TO THE 1360 FRAME

The D-Lock deflector is recommended (instead of the D-Lock) when operating in wetter conditions or damp stringy residue to help reduce wrapping.

- 1) Attach the D-lock deflector (DLD-02L) to the end of the hub axle making sure it is flush with the end of the axle before bolting the axle to the frame.
- 2) Secure the hub to the frame with the 5/8" bolt and star washer and torque to 200 ft. lbs. Re-tighten after first day's use.
- 3) Install the toothed wheel (part number to the outside) and side treader wheel on the hub with the four carriage bolts and flange head nuts. Torque to 60 ft. lbs. Re-tighten after first day's use.
- 4) The wheel marked TW3813-L4 is for use on the left side of the frame (as viewed from behind the machine). Repeat for opposite side.

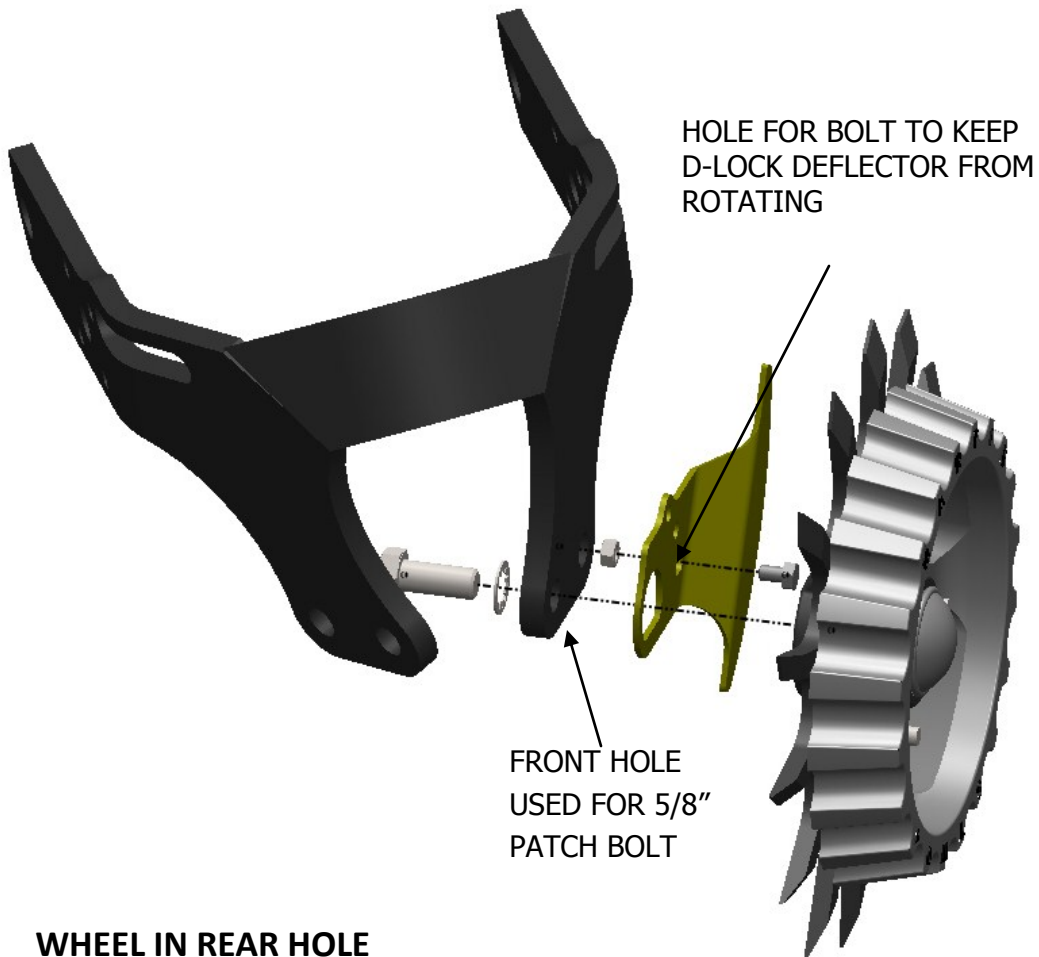


Hardware Required Per Wheel

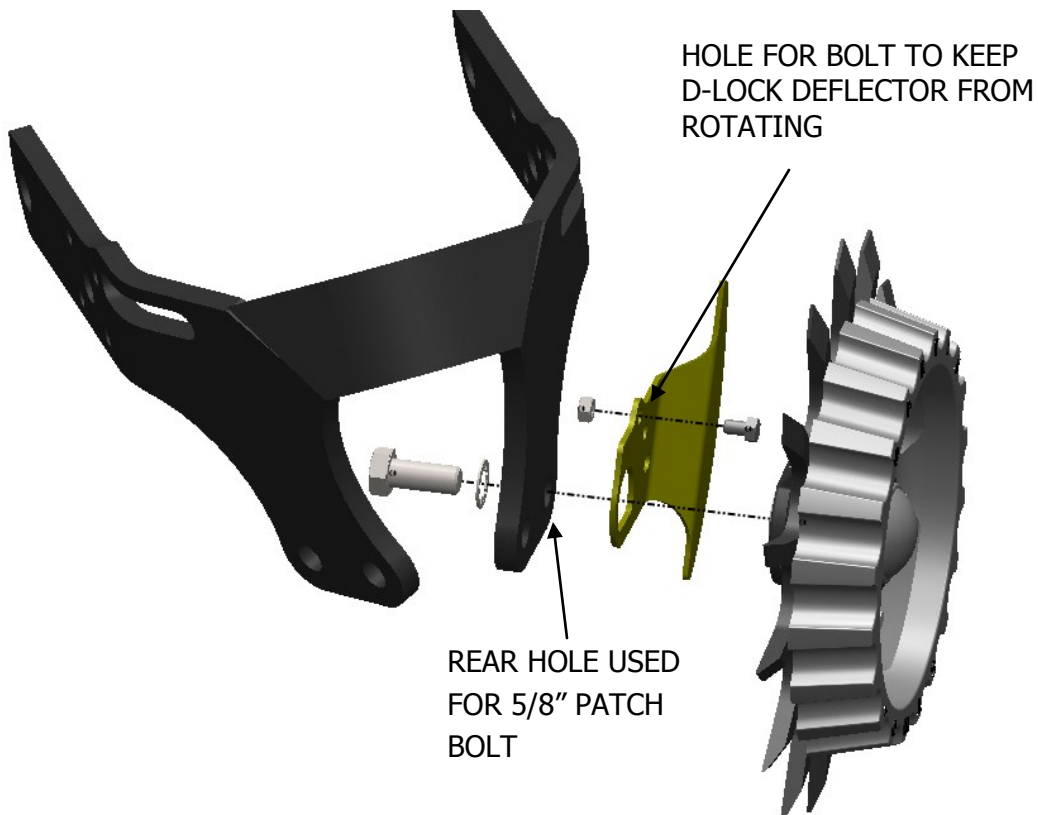
1) 3/8" x 1 3/4" Carriage Bolts	Qty 4	4) 5/8" Star Washer	Qty 1
2) 3/8" Nuts	Qty 4	5) 5/16" x 1/2" Bolt (for DLD-02)	Qty 1
3) 5/8" x 1 1/2" Patch Bolt	Qty 1	6) 5/16" Nut (For DLD-02)	Qty 1

***ATTACHING THE WHEEL WITH D-LOCK DEFLECTOR TO THE
FR1360 FRAME FOR DIFFERENT SOIL CONDITIONS***

WHEEL IN FRONT HOLE



WHEEL IN REAR HOLE



***ATTACHING THE WHEEL WITH D-LOCK DEFLECTOR TO THE
FR1360 FRAME FOR DIFFERENT SOIL CONDITIONS***

BOTH WHEELS IN FRONT HOLE



Both wheels forward provides maximum cleaning effect and the interlocked wheels till the middle of the seed row.

Note: The 5/16" D-Lock deflector bolt fits within the 5/8" patch bolt hole, to prevent rotation of the deflector.

LEFT WHEEL IN FRONT HOLE

RIGHT WHEEL IN REAR HOLE



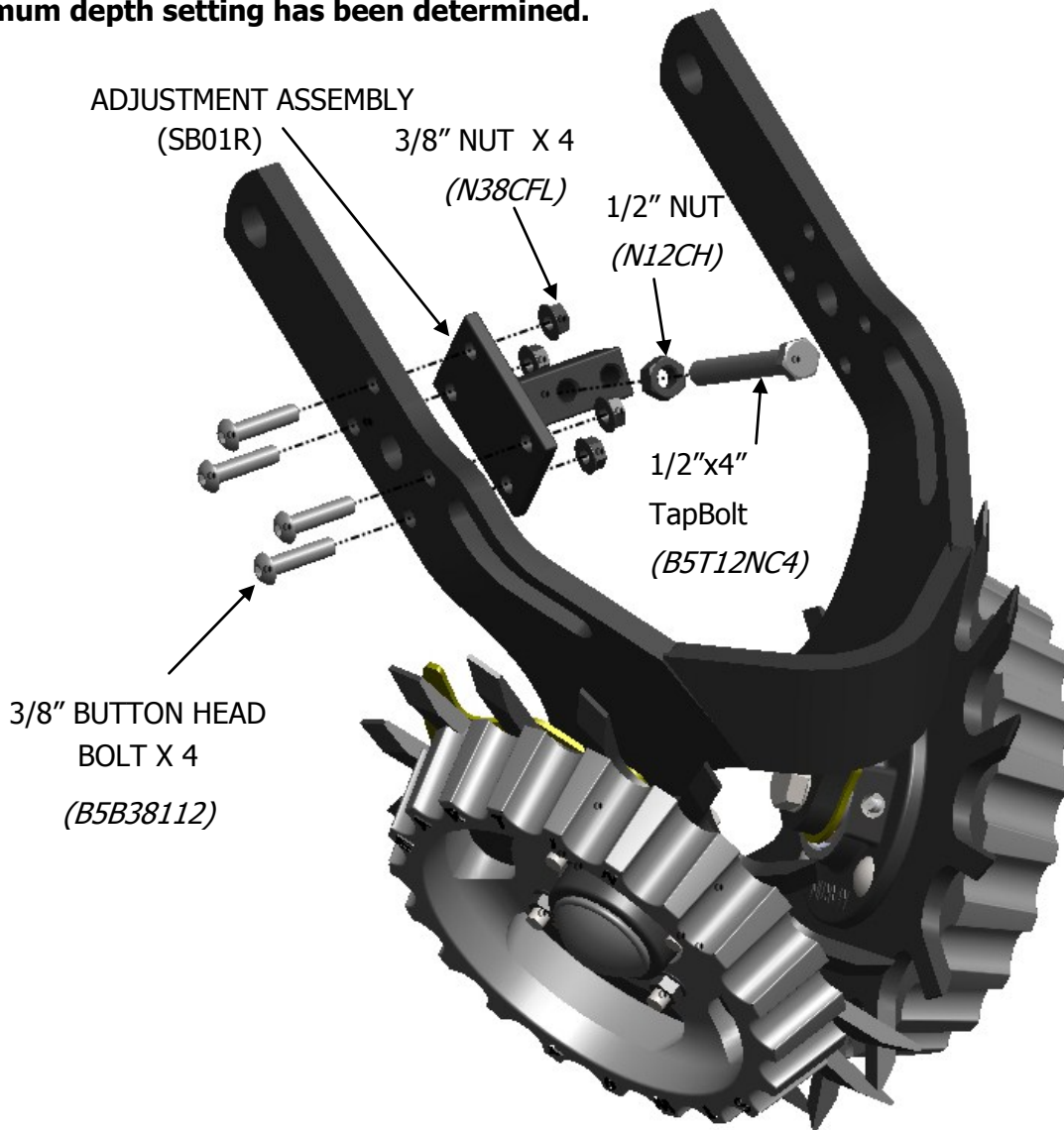
The staggered configuration allows the toothed wheels to turn more easily in loose soil.

With this staggered configuration, we suggest running the left wheels in the rear hole on the left half of the planter and the right wheels in the rear hole on the right half of the planter (when viewed from behind).

Note: D-Lock deflector bolt fits up against the frame, when in the rear hole, not within the 5/8" patch bolt hole.

INSTALLING THREADED ADJUSTMENT ASSEMBLY

1. Place the adjustment assembly against the frame as shown in diagram below.
2. Secure the adjustment assembly to the frame using the four button head screws and nuts provided. Torque to 60 ft. lbs.
3. Put the 1/2" nut on the 1/2" x 4" bolt and thread the bolt into the tapped hole of the adjustment assembly. Use the 1/2" nut to lock the 4" adjustment bolt in place once the desired minimum depth setting has been determined.

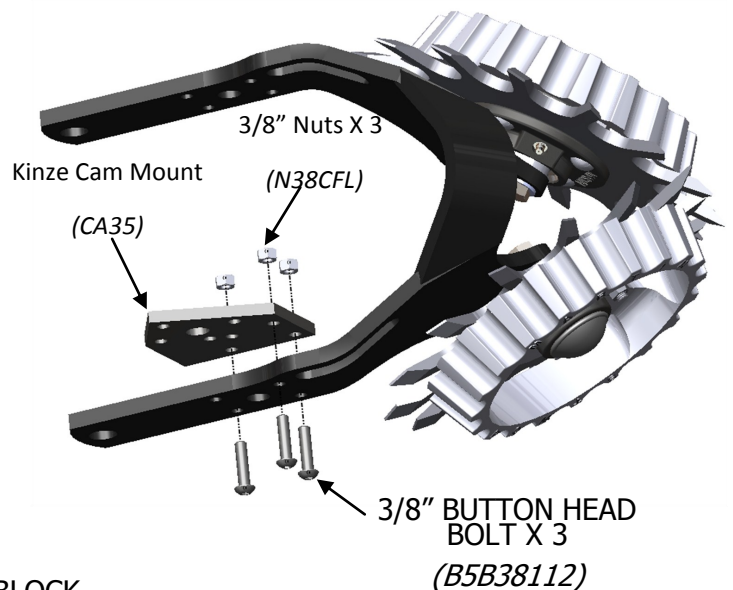


Hardware Required

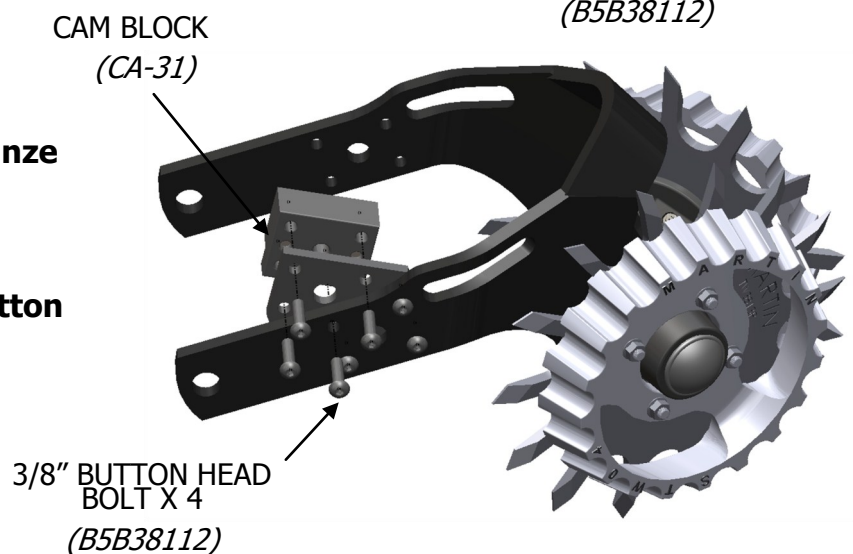
- | | |
|------------------------|-------|
| 1) 3/8" x 1 1/2" Bolts | Qty 4 |
| 2) 3/8" Nuts | Qty 4 |
| 3) 1/2" x 4" Bolt | Qty 1 |

Installation Instructions for CA-03K with Kinze Coulter.

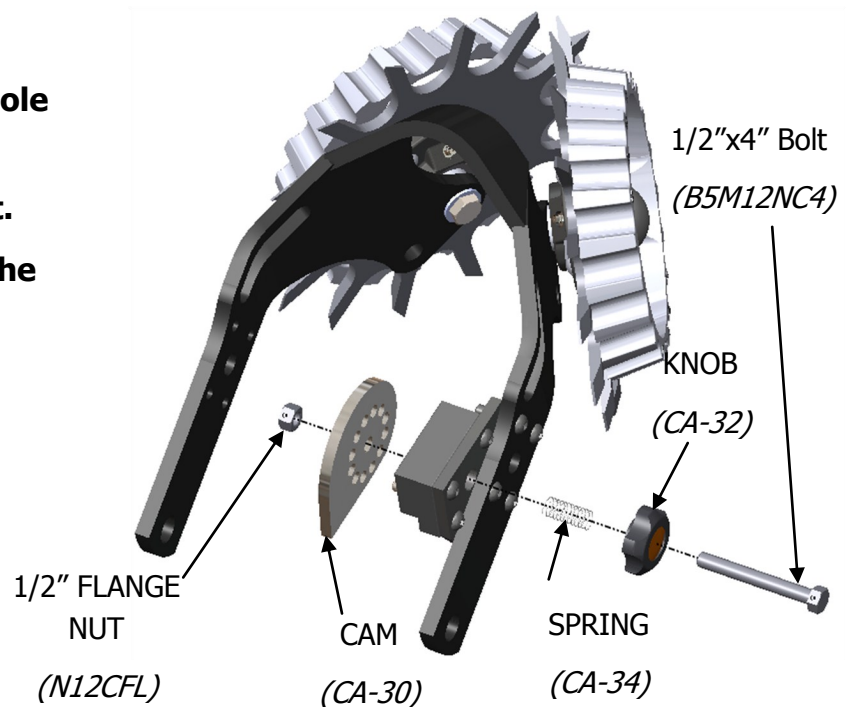
- 1) Place the Kinze Cam Mount against the inside of the 1360 Frame and align up the three holes as shown below.
- 2) Insert three of the 3/8" x 1 1/2" button head bolts, add 3/8" nuts and tighten.



- 3) Place the Cam Block against the Kinze Cam Mount. Align the four mounting holes as shown below.
- 4) Insert four of the 3/8" X 1 1/2 button head bolts and tighten.

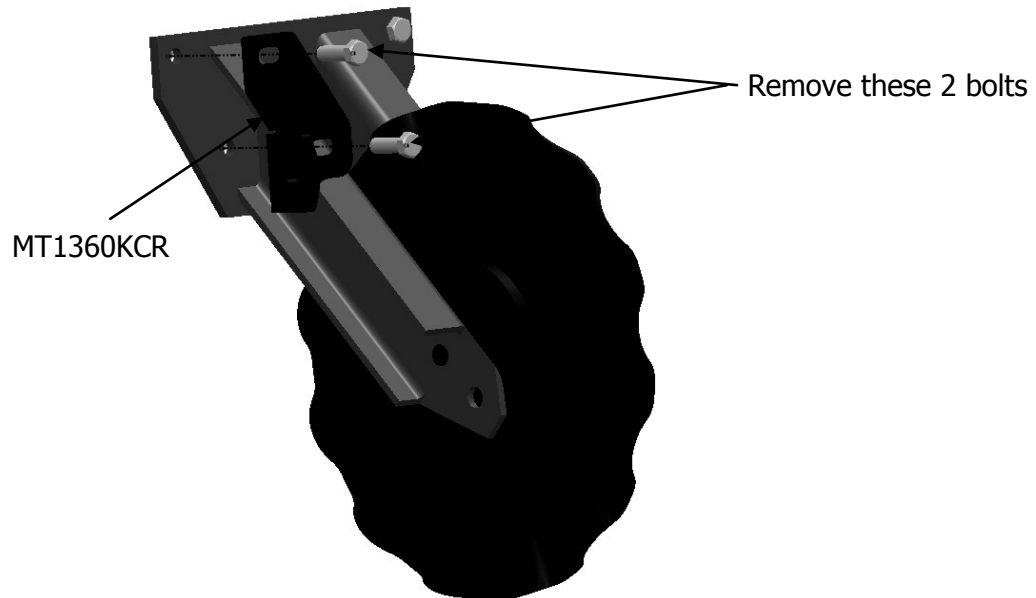


- 5) Insert the 1/2" x 4" bolt thru the hole in the handle.
- 6) Slide spring onto the 1/2" x 4" bolt.
- 7) Insert assembled handle through the center hole of the cam block.
- 8) Add Cam to the 1/2" x 4" bolt.
- 9) Add the 1/2" nut and tighten.



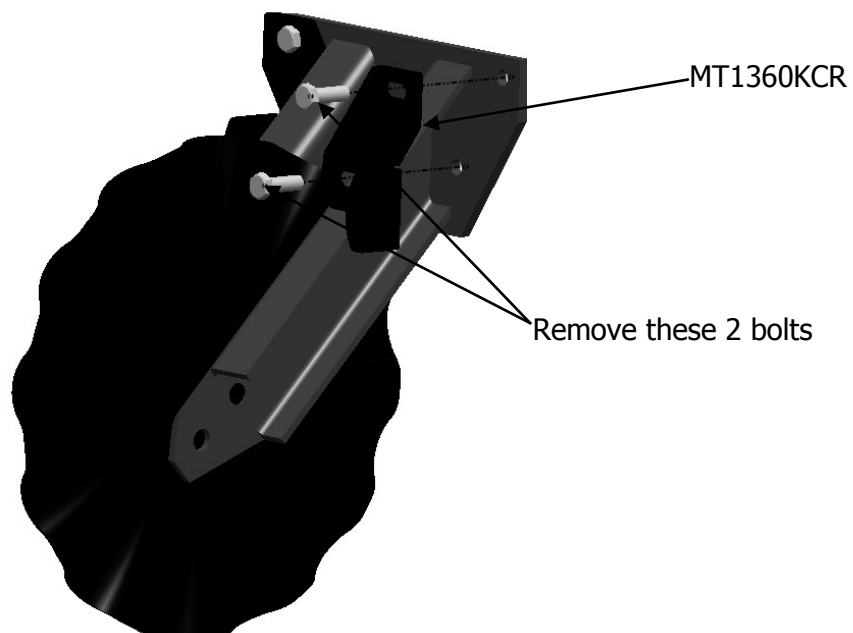
INSTALLING THE MT1360KCR TO THE COULTER ASSEMBLY
DO NOT COMPLETELY REMOVE THE COULTER

- 1) Remove the two 1/2" bolts shown below.
- 2) Align the holes in the MT1360KCR with the holes in the coultter mount.
- 3) Insert the two 1/2" bolts and tighten.



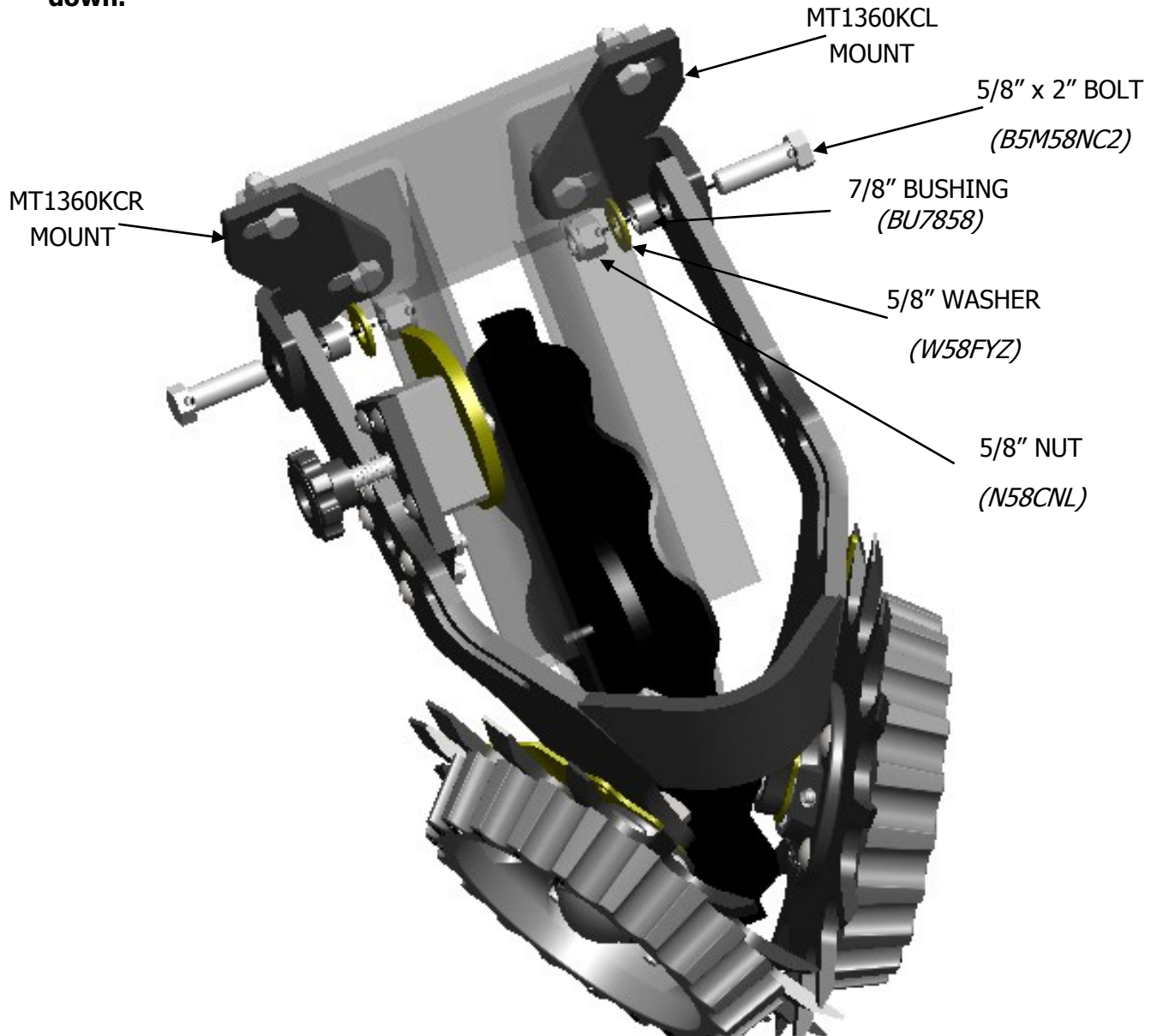
INSTALLING THE MT1360KCL TO THE COULTER ASSEMBLY
DO NOT COMPLETELY REMOVE THE COULTER

- 1) Remove the two 1/2" bolts shown below.
- 2) Align the holes in the MT1360KCL with the holes in the coultter mount.
- 3) Insert the two 1/2" bolts and tighten.



ATTACHING THE 1360 FRAME ASSEMBLY TO THE 1360 MOUNT ASSEMBLY

- 1) Put the flat washer and the bushing on the 5/8" x 2" bolt.**
- 2) Align the frame with the holes in the mounting bracket and insert the 5/8" x 2" bolts and secure with the nuts provided as shown in the diagram below. Torque to 150 ft. lbs.**
- 3) Check to be sure the frame is not binding on the mounting bracket and is free to float up and down.**



Hardware Required

1) 5/8" x 2" Bolt	Qty 2
2) 5/8" Washer	Qty 2
3) 7/8" Bushing	Qty 2
4) 5/8" Nuts	Qty 2

Parts list for HA44270-D

