

# 2x2 FERTILIZER TUBE MOUNTING INSTRUCTIONS

## Case IH 800-1250 Series Planters

**Before working on your planter or drill**

**DANGER:** When storing or working on the planter always install cylinder stops or place the planter on stands to prevent personal injury or damage to the attachments.

**PLEASE:** Read instructions completely and verify all package contents before beginning installation

**NOTE:** There are left-hand and right-hand fertilizer tubes for IH 955 and 1200 series planters. IH 800 / 900 / 950 series planters take all lefts. (Lefts and rights are determined facing planter from back.)

**!** Make sure the lead opening disc and lead covering disc are on the same side of each row unit.

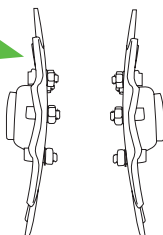
**DUE TO VARIATIONS IN THE MANUFACTURING PROCESS, SOME TWEAKING TO THE TUBE OR MOUNTING LOCATIONS MAY BE NECESSARY TO PROPERLY ALIGN INJECTOR NOZZLE TO THE FURROW (SEE OTHER PAGE).**

**NOTE:** Martin Spader closing discs cannot be run with IH 2x2 fertilizer tube.

### Hose Sizes

- 1/4" —for applying up to 10-12GPA
- 3/8" & 1/2" —for applying 12+ GPA (up to 30-40)

**NOTE:** Spiked & standard covering discs must be **REVERSE CONCAVE**



### Short tubes - Go over leading cover discs

Looking at the planter unit while standing behind the planter, the leading cover disc will be the one further away from you, closer to the front.

**SINGLE & DUAL SIDE PLACEMENT**

### Long tubes - Go over trailing cover discs

Looking at the planter unit while standing behind the planter, the trailing cover disc will be the one closer to you, closer to the back.

**DUAL SIDE PLACEMENT ONLY**

### IH 1200 Fertilizer Tube Package Contents (per single row)

Item	Quantity
Fertilizer Tube . . . . .	1
5/16" x 1" Carriage Bolt . . . . .	1
5/16" Whiz Nut . . . . .	1
3/8" x 2.25" Bolt . . . . .	1
3/8" Whiz Nut . . . . .	1
3/8" Tube clamp . . . . .	1
Rubber Boot. . . . .	1
Hose Clamp . . . . .	1
Mounting Plate (LONG TUBES ONLY) . .	1
Instruction Sheet . . . . .	1

### Injector Orifice Package Contents (per single row—use if needed)

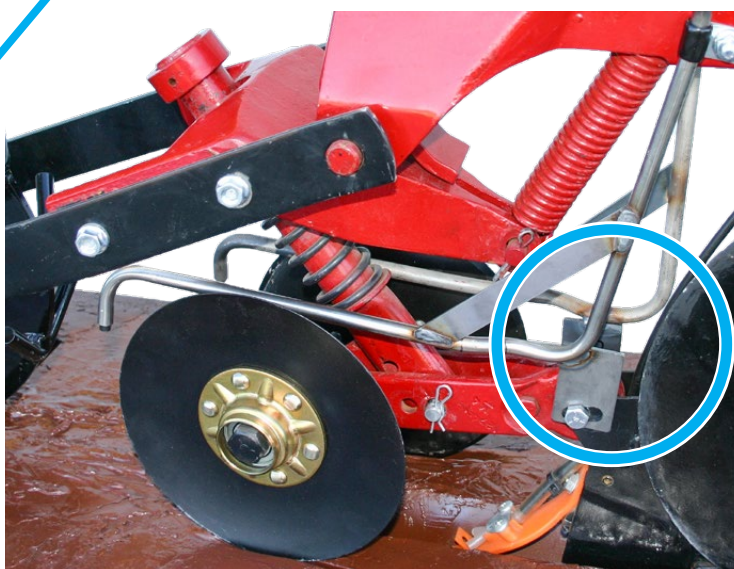
Item	Quantity
Injector Orifice (High Pressure Nozzle)*	1
*Orifice sizes vary according to planned gallons per acre (gpa) and speed (mph). Specify when ordering.	
Orifice & Fertilizer Chart . . . . .	1

### !!NOTE

Tubes are marked as follows:

LL—Left Long (IHSSLL)  
LS—Left Short (IHSSL)  
RL—Right Long (IHSSLR)  
RS—Right Short (IHSSR)

When installing single side placement tubes, all the tubes will be "shorts" and go over the leading cover discs. "Long" tubes are used for dual side placement, and go over the trailing cover discs.

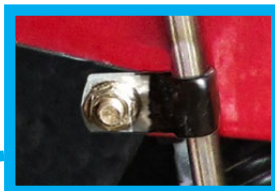
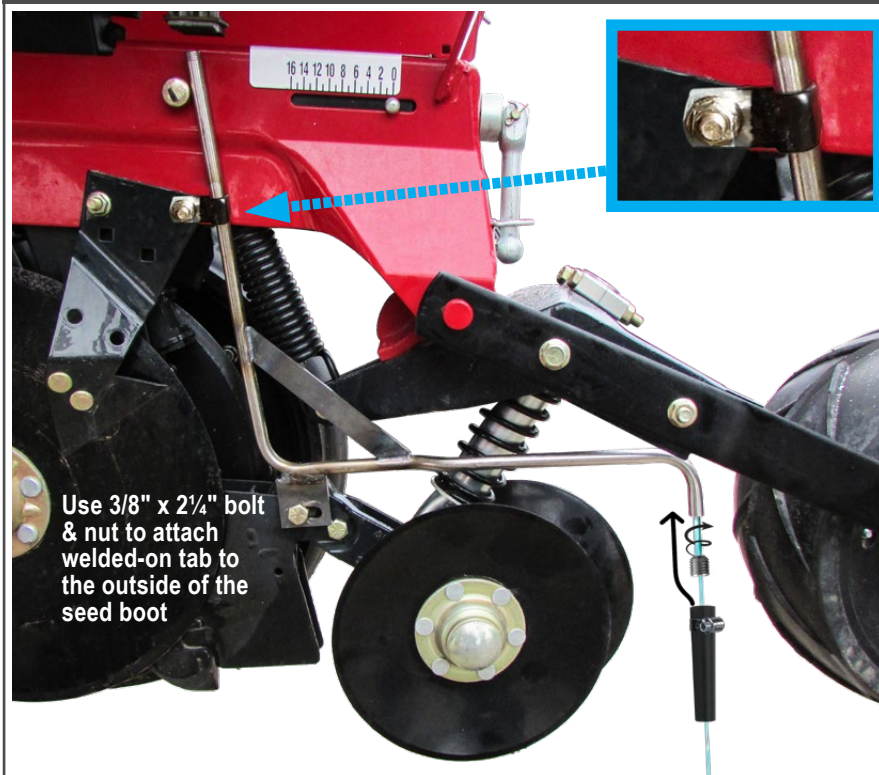


**OVER**  
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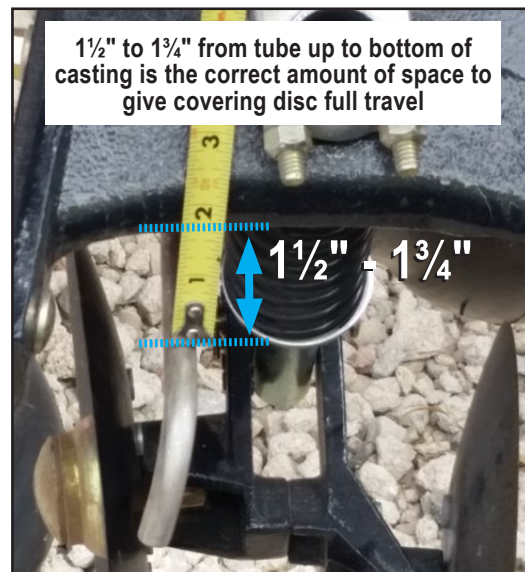
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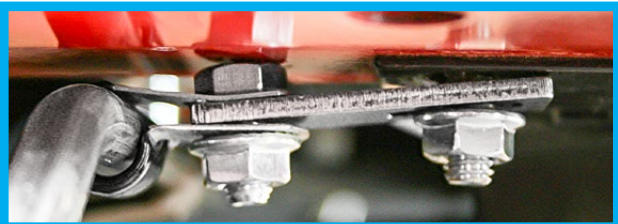
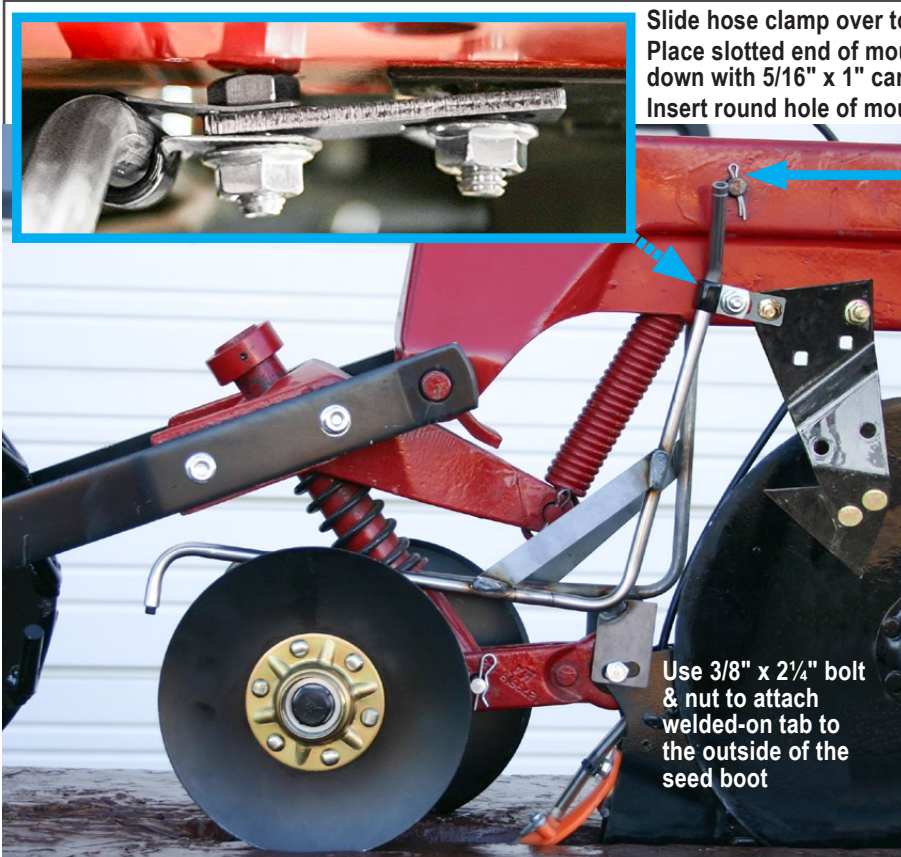
## LEADING SIDE OF PLANTER UNIT (short tubes)



Slide tube clamp over top of tube.  
Bolt it to the back scraper bolt.

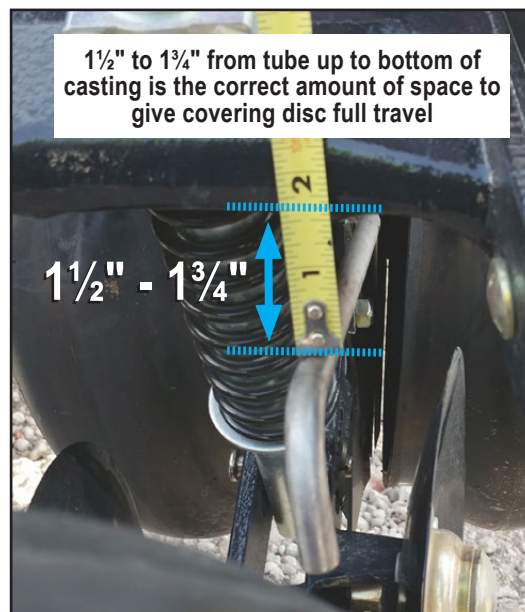


## TRAILING SIDE OF PLANTER UNIT (long tubes)



Slide hose clamp over top of tube.  
Place slotted end of mounting plate between clamp ends, tighten down with 5/16" x 1" carriage bolt & nut.  
Insert round hole of mounting plate under back scraper bolt.

If needed, turn pin around; put cotter pin on opposite side





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### INJECTOR ORIFICE & RUBBER BOOT



Screw injector orifice into the end of the adjustable threaded tube guide that will be pointing down. The orifice end with the small hole is screwed in towards the inside of the tube, with the colored end towards the outside. Tighten orifice with 5/32" Allen wrench.

**NOTE:** If orifice starts hard, use a 5/16-24 standard tap threader to clean out the tube's threads.

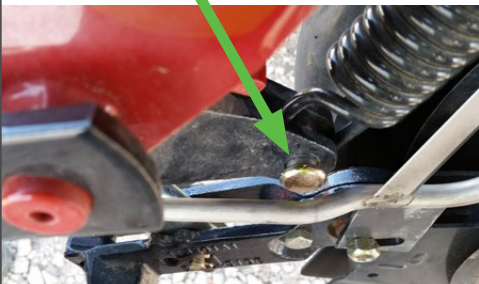
After you've installed the injector orifices, slide the rubber boot up over the ends of the tube. Secure in place with hose clamp.

**NOTE:** You can cut off the ends of the boots if they're too long.



### FINE TUNING ADJUSTMENT

Put spring bolt through from side of stainless tube



The photos below show how to tweak the stainless tube so the fertilizer will be in the furrow after the covering disc closed the seed V. Once you get into field conditions it may be necessary to bend the tube right or left or up or down to fit your needs.

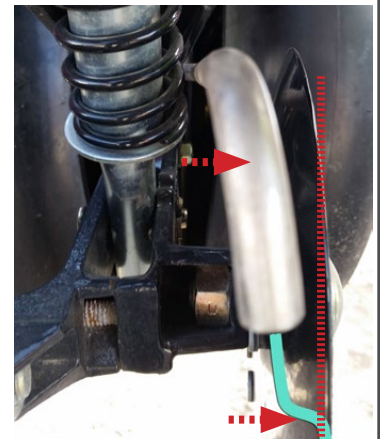
Not every planter or planter unit is identical so fine tuning in the field may be required.

Check if your press wheels are running in the center of the row. If not you may need to straighten unit to center the press wheel with the seed trench.

Use crescent wrench to fine tune tube



**To better fit your specific planter and field conditions, you may need to tweak the fertilizer tube behind the covering disc so it squirts the fertilizer into the slice left by the covering disc.**



Tube needs to be bent to dotted line so that fertilizer injects directly into slice