

2x2 FERTILIZER TUBE MOUNTING INSTRUCTIONS

Case IH 2100 Planters OUT THE BACK

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.

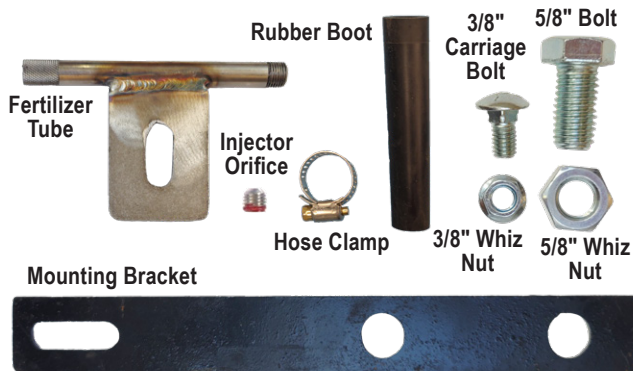
NOTE: These fertilizer tubes will fit all versions of Case IH 2100 tail sections.

! 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 and/or mounting locations may be necessary to properly align injector nozzle to the furrow.

Optional Fertilizer Tubes

place liquid closer in to the furrow



Case IH 2100 Out the Back Fertilizer Tubes Package Contents (per single row)

Item	Qty DUAL	SINGLE
Threaded Fertilizer Tube	2	1
Mounting Bracket	2	1
5/8" x 1-1/4" Bolt	2	1
5/8" Whiz Nut	2	1
3/8" x 1" Carriage Bolt	2	1
3/8" Whiz Nut	2	1
Rubber Boot	2	1
Hose Clamp	2	1
Instruction Sheet	1	1

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

Item	Qty DUAL	SINGLE
Injector Orifice (High Pressure Nozzle)*	2	1
*Orifice sizes vary according to planned gallons per acre (gpa) and speed (mph). Specify when ordering.		
Orifice & Fertilizer Chart	1	1

INSTALLING THE INJECTOR ORIFICE & RUBBER BOOT

STEP #1:

For ease of installation, install the injector orifices into the tubes prior to attaching the tubes to the planter.

Screw the proper sized injector orifice into the bottom of the tubes using a 5/32" Allen wrench. The orifice end with the small hole is screwed in towards the inside of the tube, with the colored end towards the outside.

Don't over tighten the set screw orifice, but ensure it's tight enough to hold in place.

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



STEP #2:

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

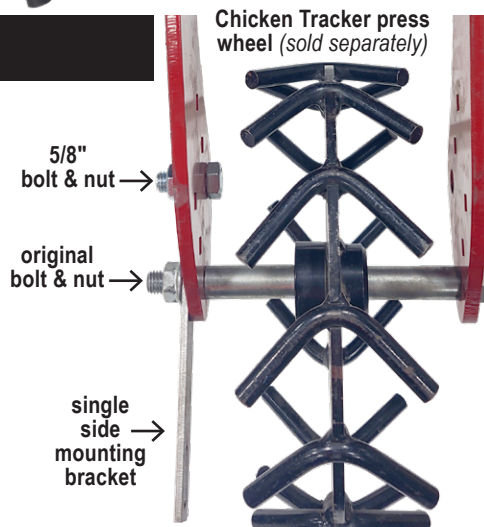
NOTE: You can cut off the ends of the boots if they're too long.

INSTALLING THE MOUNTING BRACKET

STEP #3:

Install the mounting brackets on the outside of the row unit using the existing press wheel bolt plus the 5/8" x 1-1/4" bolt included in the kit.

NOTE: If using with Schaffert Mfg's press wheel scraper, install the fertilizer mounting brackets on the outside of the scraper bracket.



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INSTALLING THE FERTILIZER TUBE

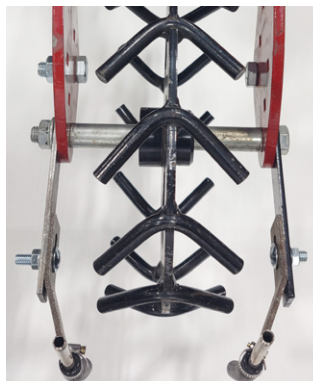
STEP #4:

Use the kit's 3/8" x 1" carriage bolt and 3/8" whiz nut to install the fertilizer tube to the mounting bracket.

Thread the carriage bolt from the inside out, first through the fertilizer tube, then the mounting bracket, with the nut on the outside of the mounting bracket.

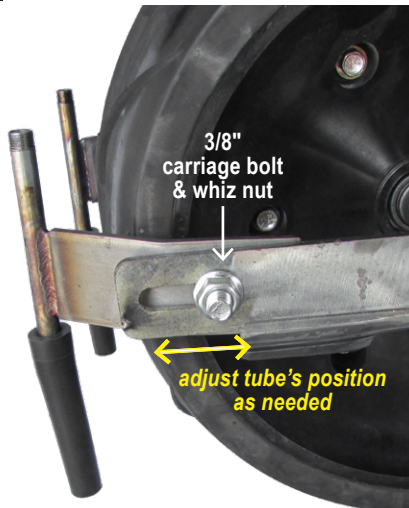
If you are installing the bent tubes, the tubes should angle inwards.

Slide tube forward or back to adjust



Bent tubes should angle inwards

Please note the photo below depicts bent tubes on the old style bracket



Fertilizer tube installs inside the mounting bracket

INSTALLING THE HOSE ADAPTER KIT (SOLD SEPARATELY)

We have multiple options of hose adapter kits available to fit your fertilizer application system. Variable options include 1/4" or 3/8" hose; hard hose with quick connect connectors or rubber hose with hose barb connectors; and kits for single side tubes or dual side tubes.

These kits are sold separately.

STEP #5:

HARD HOSE KIT:

Twist the threaded end of the quick connect over the top of the fertilizer tube. Insert one end of the hard hose into the other end of the quick connect.

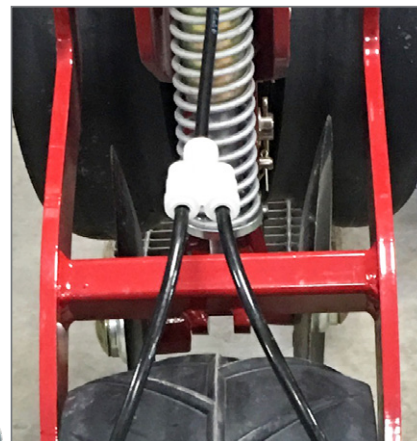
RUBBER HOSE KIT:

Slip the kit's hose clamps over the tops of the fertilizer tubes or loosely over the ends of the rubber hose. Push one end of the rubber hose over the top of the fertilizer tube. Slide the hose clamp over the top of this connection and secure in place.

STEP #6:

DUAL KITS:

If running dual, do this for both right and left side fertilizer tubes. Connect the two at the top with the Y quick connect or hose barb divider.



Dual hard hose fertilizer kit with Y quick connect

Final assembly
(old style fertilizer tube and mounting bracket)
with Chicken Tracker wheel and scraper