
MODEL 1600 SERIES
WATER WHEEL TRANSPLANTER

ASSEMBLY
INSTRUCTIONS

Rain-Flo Irrigation

929 Reading Road

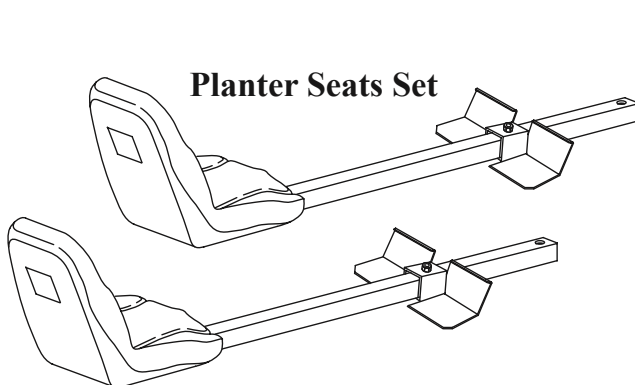
East Earl, Pa 17519

PH: 717-445-3000

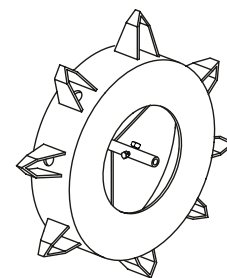
STEP 1



Standard parts shipped with equipment:



Planter Seats Set

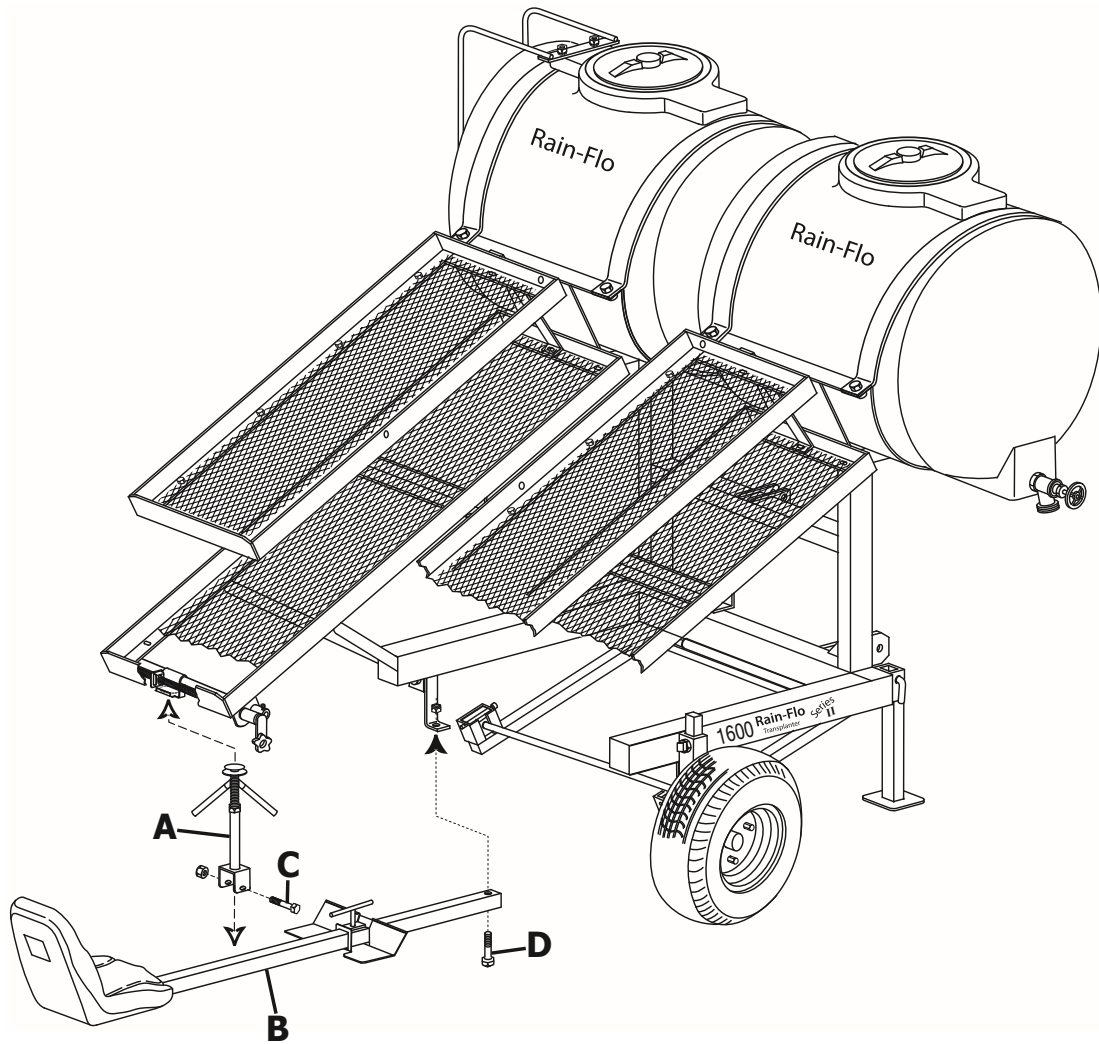


**1 Planting Wheel
(or more if ordered)**

STEP 2

INSTALLING PLANTING SEATS

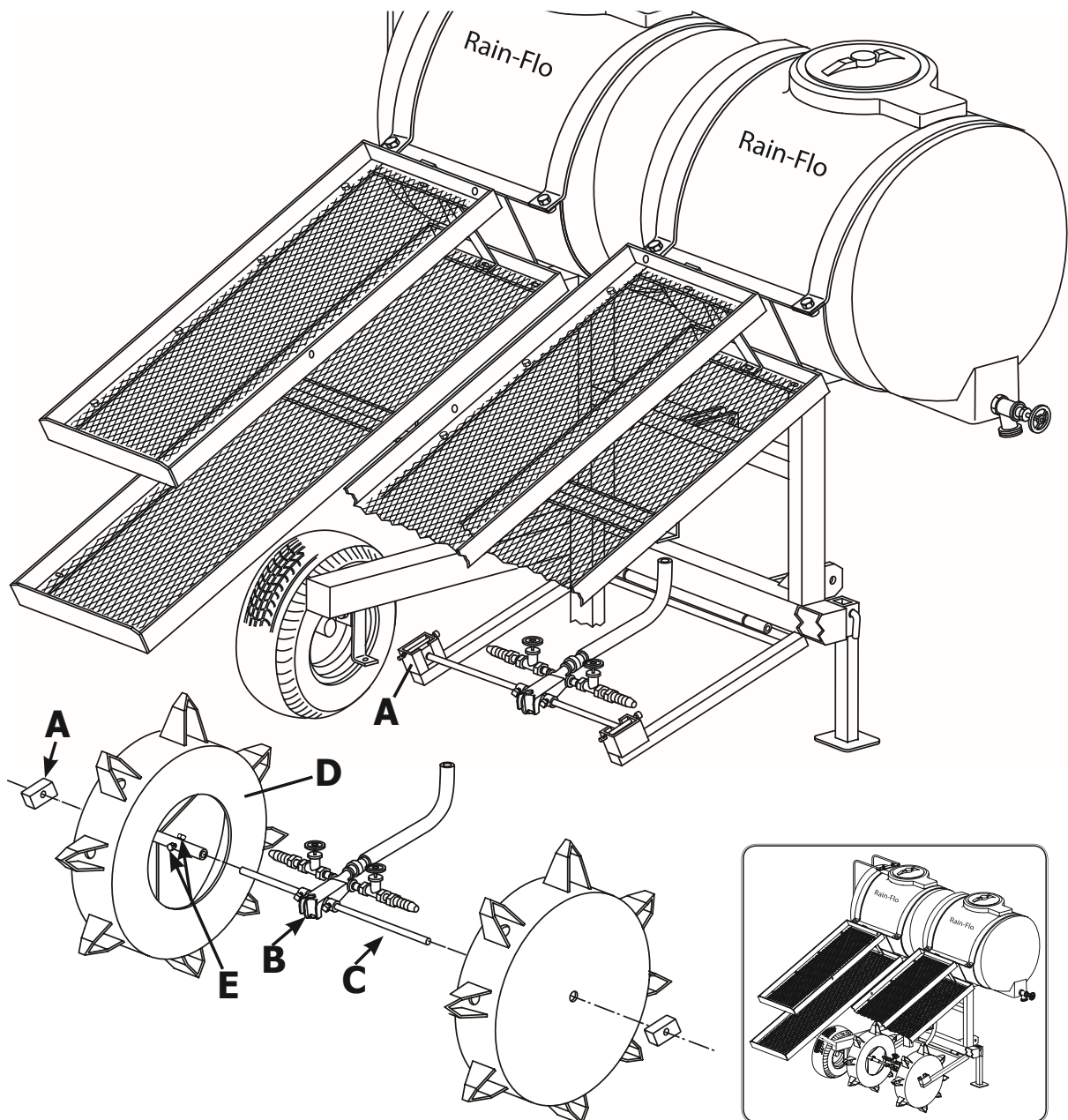
See Operating Manual for adjustments.



To install the planting seats to your water wheel transplanter, slide the seat adjuster(A) onto the seat mounting bar(B) and fasten with bolt and nut(C). Bolt end of seat mounting bar(B) to frame with bolt and nut(D).

STEP 3

INSTALLING THE WATER WHEEL



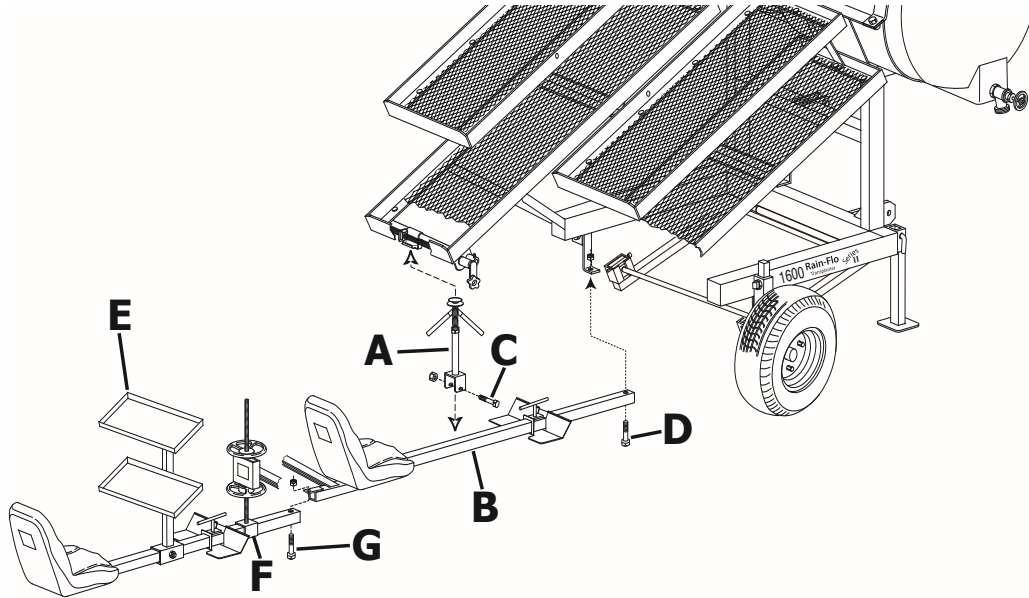
Remove pin and teflon block(A), remove pin and valve assembly(B), and remove shaft(C) from planter. Slide shaft through planting wheel(D), tighten set screws(E), place pin and valve assembly(B) in position, and insert teflon blocks and pin into place(A).

To plant one row, install plumbing valves to the side of your water wheel and tighten collars. To plant two rows, install plumbing valves in center with a wheel on either side.

Note: Collars are for holding water plumbing in place. Set screws in wheels are for holding planting wheels in place.

STEP 4

INSTALLING 3RD AND/OR 4TH SEATS



Seat with heavy bar needs to be mounted toward the front and the seat with light bar to the back. Remove 1st and 2nd seats if they are already on the planter and install the 3rd and/or 4th seats by sliding seat adjuster(A) onto seat mounting bar(B) and fastening it with bolt and nut(C). Also bolt end of seat mounting bar(B) onto frame with bolt and nut(D). Slide trays(E) and seat adjuster(F) onto 1st and 2nd seats and fasten it with bolt and nut(G) onto already installed 3rd and/or 4th seats as shown above.

STEP 5

TRACTOR HOOK-UP



Shortening 3-point top link will give operator more room for planting.

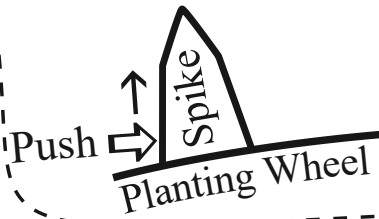
Caution: Making top link too short can bring planter tanks against tractor cab.

Slide stands to planting position.

4

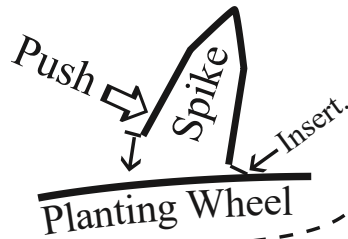
OPTIONAL SUPER WHEEL

Removing Spike.



The super wheel is a very universal planting wheel. Spike size and spacing can be changed as perferred. A rubber grommet is used to close unused holes.

Installing Spike.



Note; lock pin is used in heavy or rocky soil conditions to avoid having spikes detaching.

Installing lock pin.

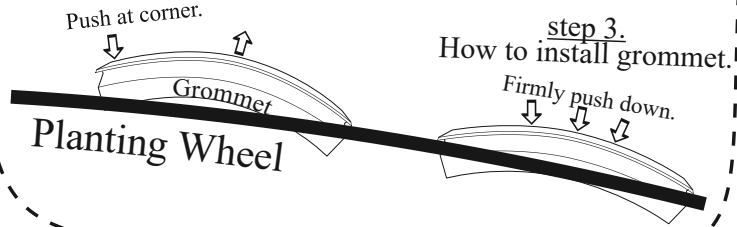


How grommet should look when installed.



step 1.
How to install grommet.

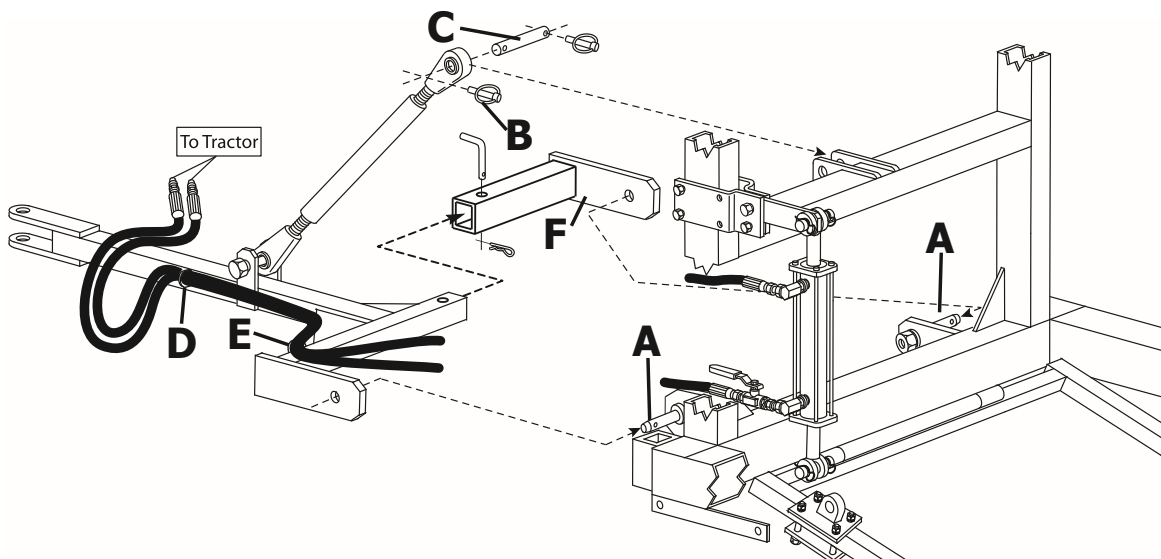
step 2.
How to install grommet.



step 3.
How to install grommet.

Firmly push down.

OPTIONAL TRAILER COMBINATION



- (1) Install draw bar tongue by sliding onto the lifting pins(A).
- (2) Unsnap lynch pins(B), remove top link pin(C) and install as shown above.
- (3) Slide hydraulic hoses through loops(D) and (E).
- (4) Slide hitch bracket(F) onto lifting pin and over hitch tubing. Insert pin.



Make sure planting wheels are not puncturing drip tape.

Use plenty of water when planting; water will seal plant into soil.

~2015 Edition~

**Rain-Flo Irrigation
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