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Scale Kit Mounting Instructions for 24 Row Case-IH 1250 Planter Scale System

Instruction Booklet

This product application is covered by U.S. Patents;

PATENTS: 6,732,667—7,059,258—7,273,017—7,357,087—7,448,335—7,523,710

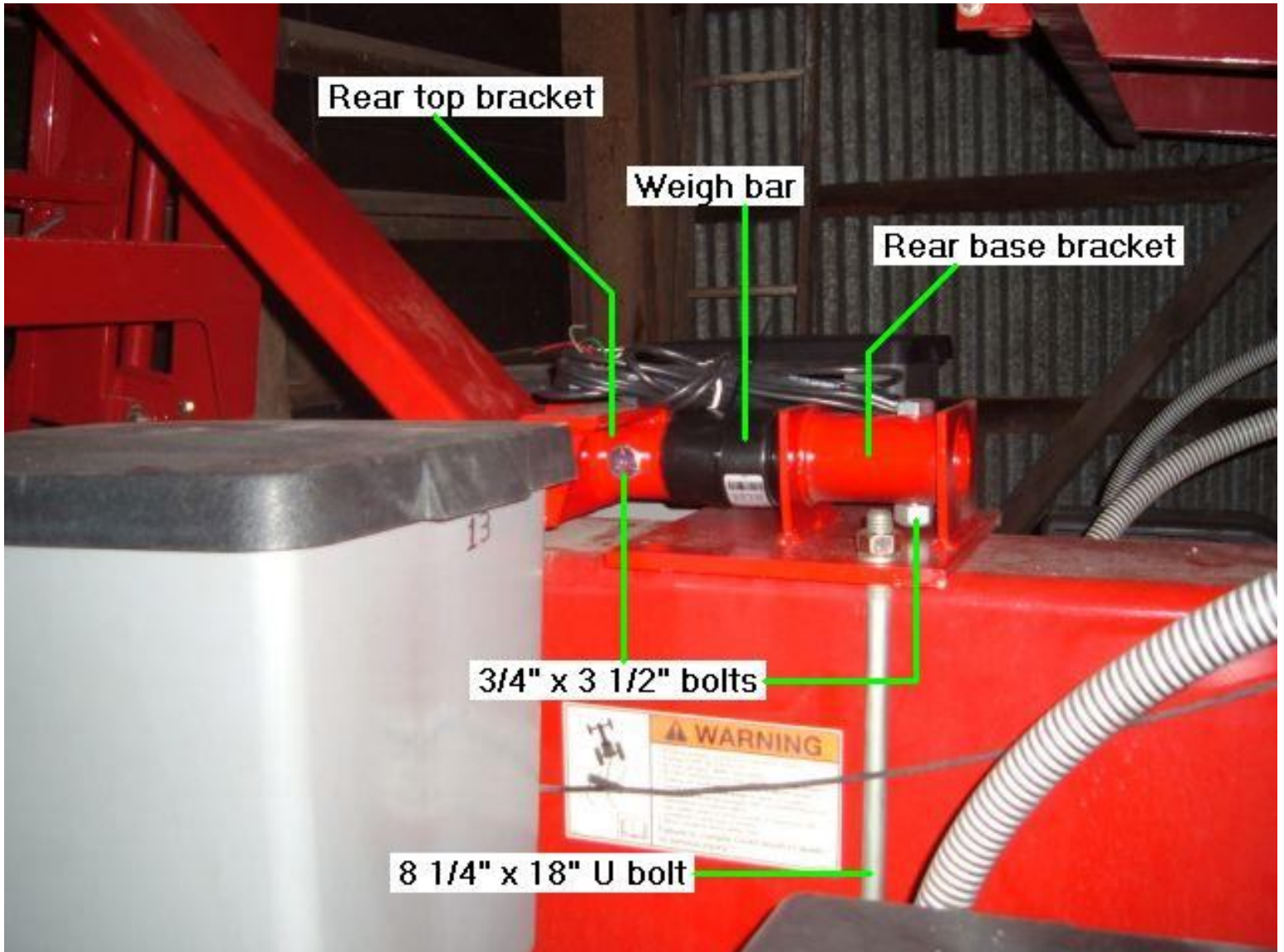
PATENT PENDING: 12/427,915

Scale Kit Mounting Instructions for 24-row Case-IH 1250 Planter

1. Remove the one U bolt on the bracket which sits between the steps and the main planter frame on the rear of the planter.
2. Loosen the U bolts on the front leg bracket located between the front of the hopper and the main frame—do not remove bolts at this point.
3. Loosen the bolts on the two left leg brackets that are located under the cat walk.
4. Remove the bolts on the two right leg brackets.
5. Lift up the two right legs about 1 ½”.
6. Assemble the right leg bracket. Put the base bracket on the frame and leave U bolts loose at this time. Install weigh-bar 400525 to top bracket. The short end of the weigh-bar is installed in the base bracket, the long end is installed in the top bracket.
Make sure the arrow on the end of the weigh bar is pointed UP.
7. Bolt the top bracket and support bracket together. The two planter legs are bolted between the top bracket and the support bracket. The top bracket needs to be up next to the frame under the cat walk.
8. Repeat the same process on the left side.
9. Remove the U bolts on the front bracket and lift up the hopper 1 ½”.
10. Use four ¾” x 2” bolts and bolt the top front bracket to the top of the front leg.
11. Install the weigh bar, PN 400061, to the front base bracket. Use the 3 ½” x ¾” bolt. Make sure that the arrow on the end of the weigh bar is pointed down. Install the short end of the weigh bar to the front top bracket. Use the 3 ½” x ¾” bolts. Use the existing U bolts to bolt down the front base bracket.
12. The rear brackets are installed in the same manner as the front brackets. Use the one existing U bolt, plus the 5/8” x 8 ¼” x 18” U bolt to bolt the rear base bracket in place.
Use the 2 ¾” x 2” bolts and bolt the rear top bracket to the top of the step bracket. Make sure that the arrow is pointed DOWN on the end of the weigh bar. Use PN 400061 weigh bar.

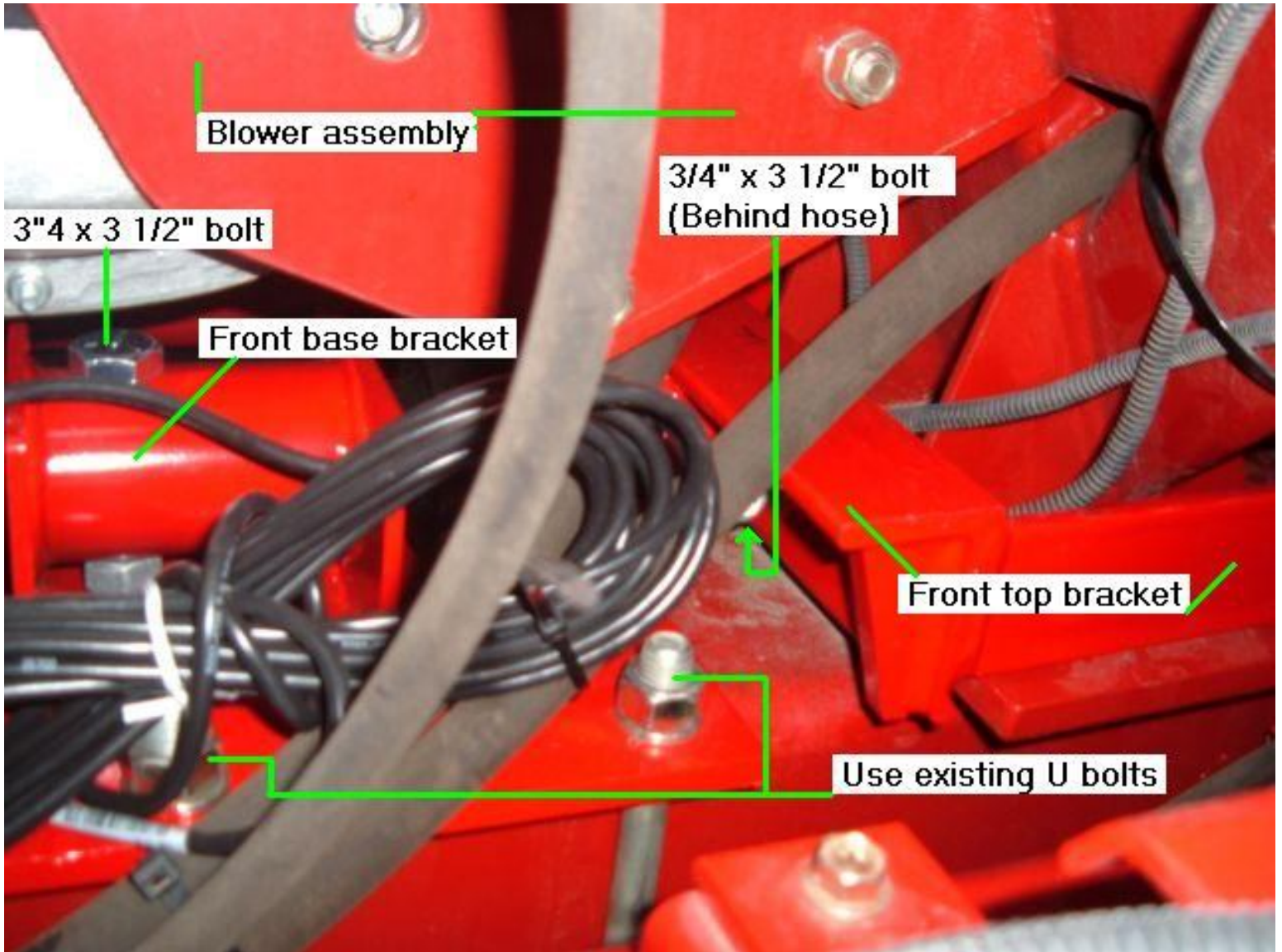
Rear Bracket

The arrow on the end of the weigh bar needs to be pointed DOWN.



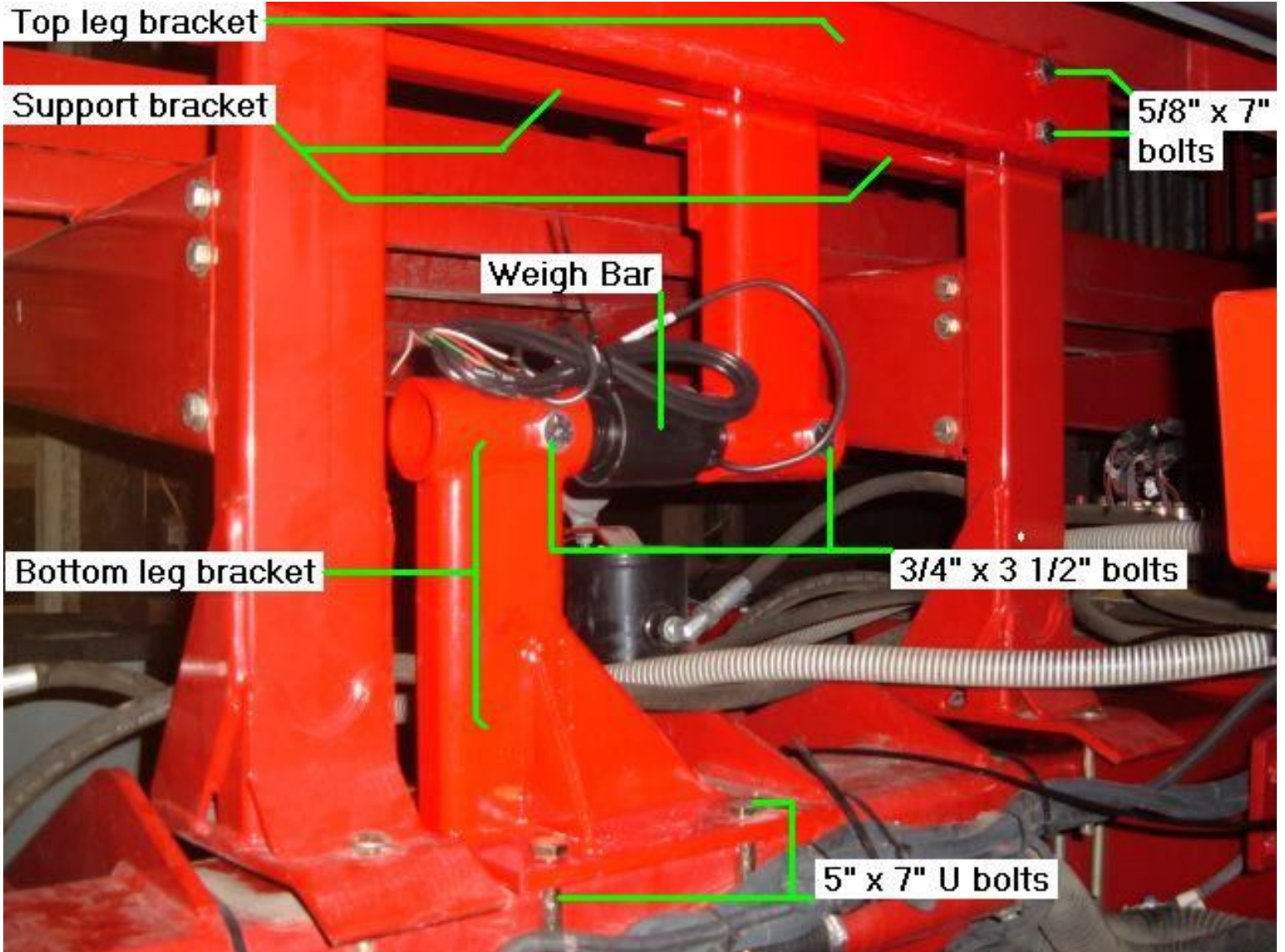
Front Bracket

The arrow on the end of the weigh bar needs to be pointed DOWN.



Right Leg Bracket

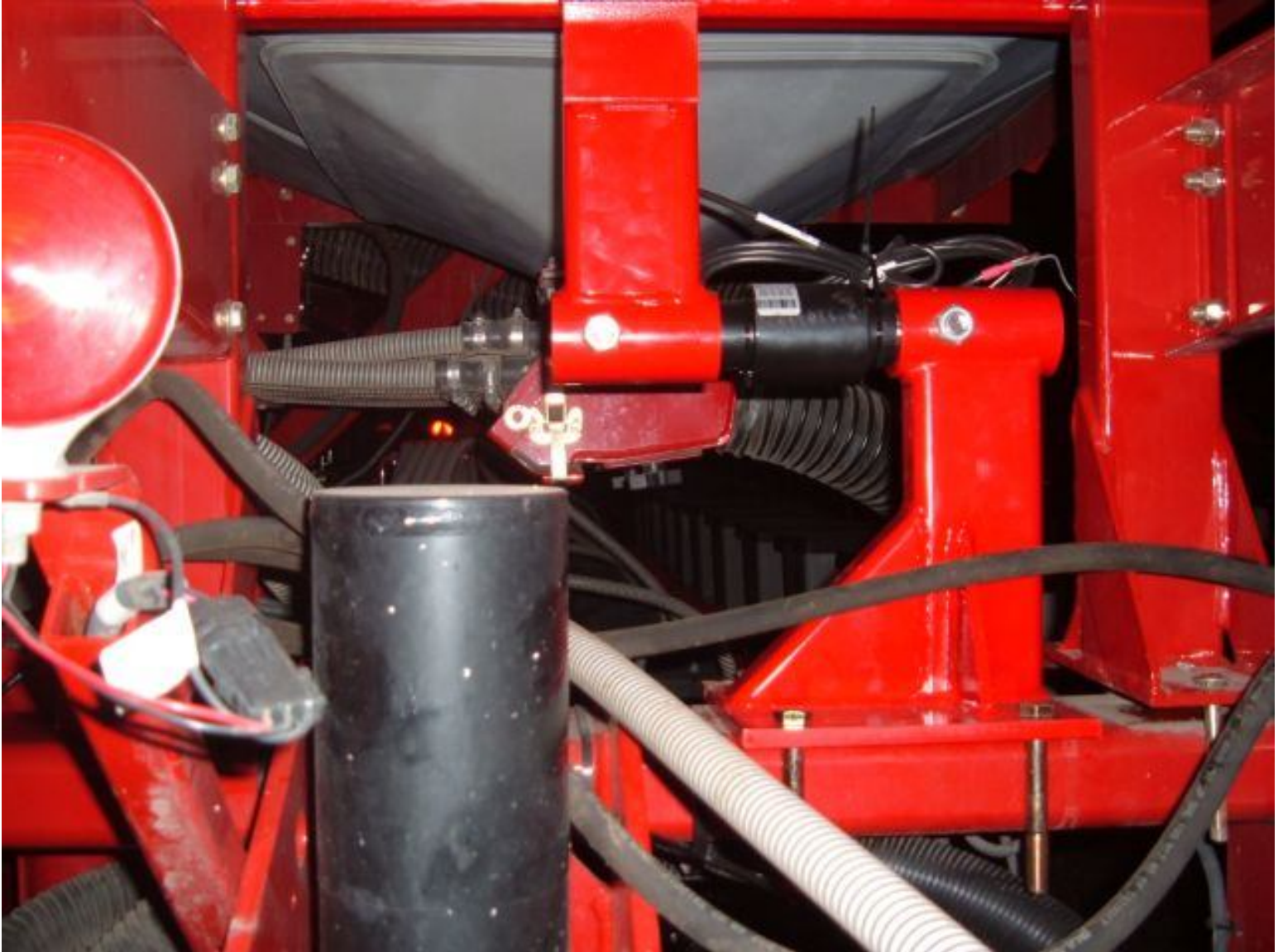
The arrow on the end of the weigh bar needs to be pointed UP.



Right Leg Bracket

Left leg bracket is mounted in the same way as the right leg bracket.

The arrow on the end of the weigh bar needs to be pointed UP.



Power Connection:

The power cable should be connected directly to a vehicle battery or regulated power supply. The scale end of the power cable is attached to the J901 connector located on the bottom panel of the scale.

Connect the RED wire from the power cable to +12 VDC and the BLACK wire to GROUND. The indicator is fused internally at 4 amps.

Power Cable Connections:

Wire color	Wire Function
Red	<i>Battery (+12 VDC)</i>
Black	<i>GROUND</i>

Load Cell Connection:

The indicator is designed to operate with strain gage load cells. The indicator will normally be supplied with a “J-BOX” cable going between the scale and the load cell junction box. Extension kits are available from your dealer in various lengths.

To connect the load cells, attach the junction box cable to the J902 or J903 connector on the bottom panel of the scale.

How to use a scale on a Central Fill System

*** The example we are using is 2000 lbs of seed evenly filled in both hoppers. There is 25 lbs of seed left from the last fill.

1. Push the ‘Start’ button. The screen will show zero, and the arrow is now pointing to ‘Net’ on the screen. This is a temporary zero point to start loading the planter with seed. You will now fill 1000 lbs of seed into the left hopper.
2. Push the 'Stop' button, the readout now reads 1025 lbs of seed inventory.
3. Push the ‘Start’ button again. The screen will say zero again. Load another 1000 lbs of seed into the right side.
4. Now push ‘Stop,’ and the screen will read 2025 lbs of seed. The numbers will work lower as the seed is planted.