

Prepare Machine for Leveling Procedure

1. Unfold and completely raise machine.
2. Properly inflate tires.
3. Disengage all depth control shims.
4. Adjust **Wing Depth** shims so half are engaged and half are disengaged.
5. Pull forward on level surface to rotate caster wheels to the seeding position. Maintain this position throughout procedure.
6. If equipped, raise fertilizer rockshaft.
7. Lower until sweeps are 25-51 mm (1-2 in.) above ground.

Leveling Procedure:

Follow each procedure in sequence to properly level machine.

A—Center Frame Fore Aft Adjustment

Use fore aft measurement locations diagram.

1. Measure location (2) and location (3). If equal, repeat on opposite side. If unequal, proceed as follows.
2. Lower machine and retract lift cylinders.
3. Adjust center frame fore aft bar (1).
4. Completely raise machine then lower until sweeps are 25-51 mm (1-2 in.) above ground.
5. Measure location (2) and location (3). Repeat adjustment procedure until equal.
6. Repeat fore aft adjustment on opposite side of center frame.

B—3 Section Wing and 5 Section Inner Wing Side to Side Adjustment

Use side to side measurement locations diagram.

1. Completely raise machine then lower until sweeps are 25-51 mm (1-2 in.) above ground.
2. Verify only half the depth shims are engaged on wing shim pack.
3. Measure location (2) and (3). If equal, repeat on opposite side. If unequal, proceed as follows.
4. Lower machine and retract lift cylinders.
5. Turn wing shim pack bolt (1) until pressure is relieved from leveling shims.
6. Change number of engaged leveling shims (1) so locations (2) and (3) will be equal.
7. Turn wing shim pack bolt until shims are secure.
8. Completely raise machine then lower until sweeps are 25-51 mm (1-2 in.) above ground.
9. Measure location (2) and (3). Repeat procedure until equal. Repeat on opposite side.

C—5 Section Outer Wing Side to Side Adjustment

Use side to side measurement locations diagram.

1. Completely raise machine then lower until sweeps are 25-51 mm (1-2 in.) above ground.
2. Measure location (3) and (4). If equal, repeat on opposite side. If unequal, proceed as follows.
3. Lower machine and retract lift cylinders.
4. Adjust outer wing eyebolt (5).
5. Completely raise machine then lower until sweeps are 25-51 mm (1-2 in.) above ground.
6. Measure locations (3) and (4). Repeat procedure until equal. Tighten eyebolt and repeat on opposite side.

D—5 Section Inner Wing Fore Aft Adjustment

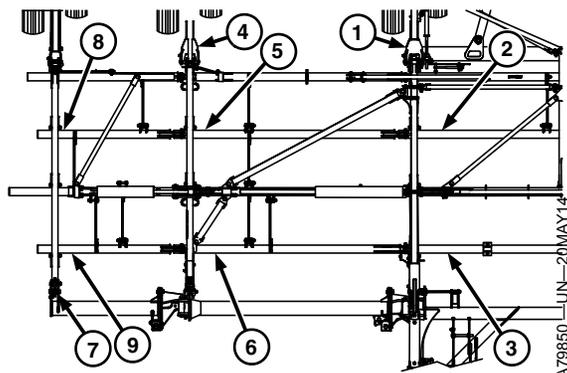
Use fore aft measurement locations diagram.

1. Completely raise machine then lower until sweeps are 25-51 mm (1-2 in.) above ground.
2. Measure location (5) and (6). If equal, repeat on opposite side. If unequal, proceed as follows.
3. Lower machine and retract lift cylinders.
4. Adjust wing frame fore aft bar (4).
5. Completely raise machine then lower until sweeps are 25-51 mm (1-2 in.) above ground.
6. Measure location (5) and (6). Repeat adjustment procedure until equal.
7. Repeat fore aft adjustment on opposite wing.

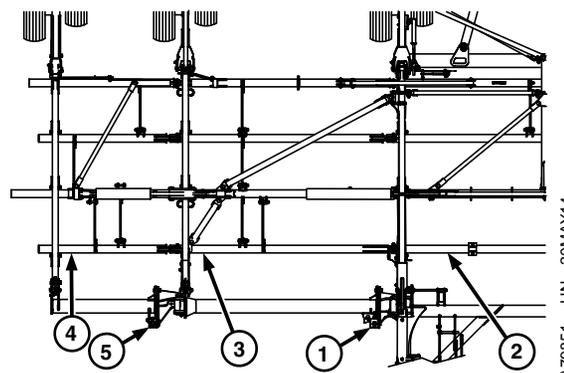
E—3 Section Wing or 5 Section Outer Wing Fore Aft Adjustment

Use fore aft measurement locations diagram.

1. Completely raise machine then lower until sweeps are 25-51 mm (1-2 in.) above ground.
2. Measure location (8) and (9). If equal, repeat on opposite side. If unequal, proceed as follows.
3. Lower machine and retract lift cylinders.
4. Adjust outer wing turnbuckle (7).
5. Completely raise machine then lower until sweeps are 25-51 mm (1-2 in.) above ground.
6. Measure location (8) and (9). Repeat adjustment procedure until equal.
7. Lock turnbuckle.
8. Repeat fore aft adjustment on opposite wing.



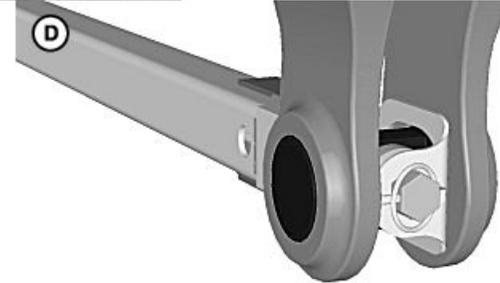
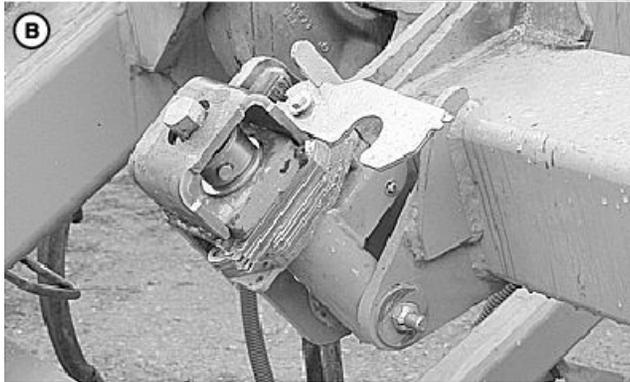
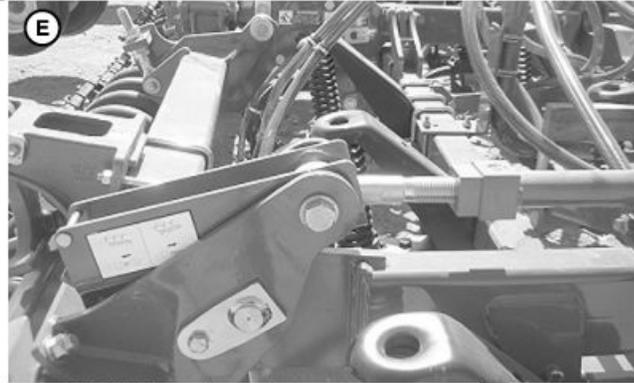
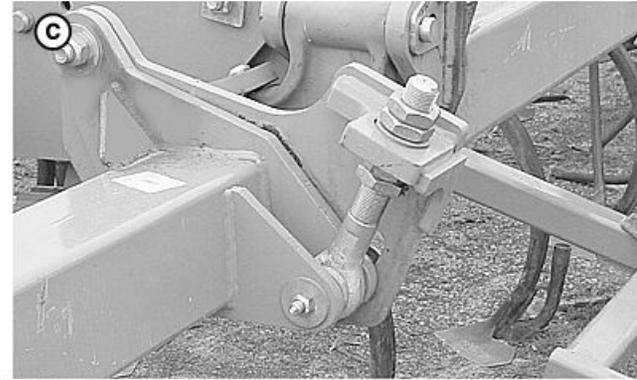
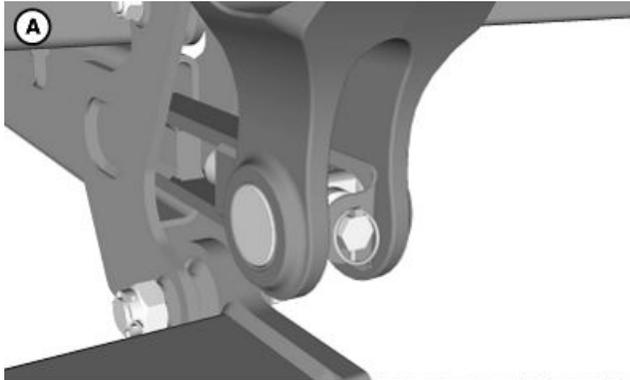
Fore Aft Measurement Locations



Side to Side Measurement Locations

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A—Center Frame Fore Aft Bar

**B—Wing Shim Pack
C—Outer Wing Eyebolt**

**D—Wing Fore Aft Bar
E—Wing Turnbuckle**

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