

730LL Air Disk Drill

This reference card is intended as a guide. Refer to 730LL Air Disk Drill Operator's Manual for detailed information. Refer to Tractor and 1910 Air Cart Operator's Manuals for specific operating information.

⚠ CAUTION: Perform all tractor adjustments with tractor engine off and transmission in park.

ATTACHING:

IMPORTANT: Wiring for disk lowering solenoid valve (A) must be attached to "SOL LOCK" connector on cart (1910).

LEVELING FRAME:

Level frame both front-to-rear and side-to-side.

- **Level Center Frame Fore/Aft (Front-to-Rear):**
Adjust hitch turnbuckle to level center frame.
- **Level Wings to Center Frame (Side-to-Side):**
Loosen jam nut (B) and turn nut (C) until wing is level with center frame. Repeat on opposite side.
- **Adjust Stabilizer Wheels:**
Adjust ratchet (D) so caster wheel lightly contacts soil. This adjustment should only be made after tillage depth has been set.

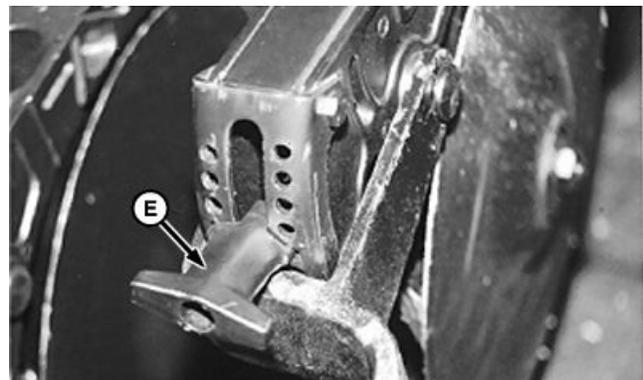
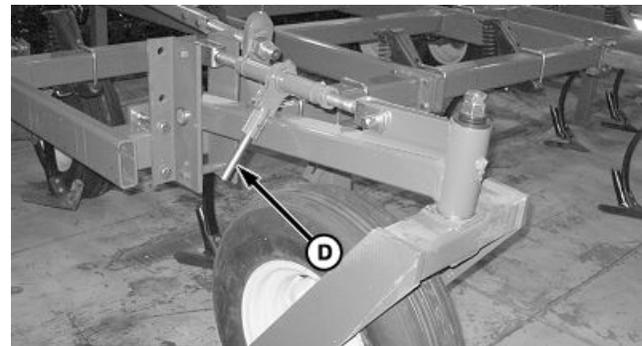
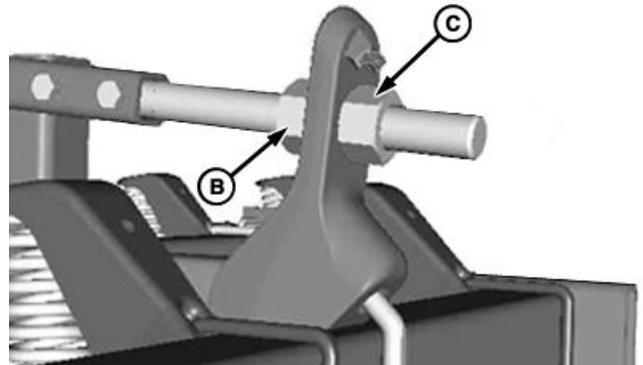
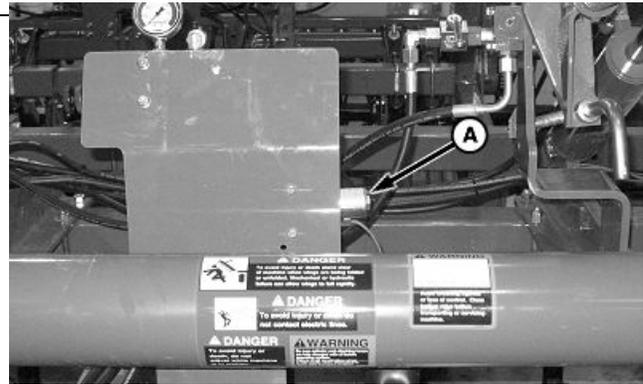
NOTE: Do not use stabilizer wheels to level the frame fore/aft.

- **Adjust Disk Openers:**
Adjust press wheel handle (E) to set seeding depth.

NOTE: Do not use press wheels to level the frame fore/aft.

Set opener depth with press wheel handle. Handle adjusts depth in 0.63 cm (0.25 in.) increments. Start with all disks set to the same depth, except for those in wheel tracks that can be set one position deeper. If seeding depth cannot be maintained, adjust individual down force springs.

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| A—Disk Lowering Solenoid Valve | D—Caster Wheel Ratchet |
| B—Jam Nut | E—Press Wheel Handle |
| C—Nut | |



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HYDRAULIC SETTINGS AND ADJUSTMENTS:

• Active Down Force:

IMPORTANT: SCV I must be set in “detent” position to provide constant pressure to down force circuit.

Start at 600 psi and adjust opener down force as needed. Always operate in the GREEN zone (A), never in the RED zone (B). Do not use more down force than needed for disk openers to penetrate soil. Too much down force can lift the back of the frame. See (**ADJUST DISK OPENERS**) for related adjustment.

• Opener Lift Sequence:

Lift sequence valve (C) can be adjusted to either:
Raise frame, then disks.
Raise disks, then frame.
Raise frame and disks at the same time.

- Place lift circuit SCV in float position.
- Remove cap (D).
- Loosen jam nut and turn set screw in 1/4 turn increments.
- Tighten jam nut and reinstall cap (D).

• Single Point Depth Control:

NOTE: Adjust tractor flow control to fast (rabbit) position.

Obtain desired seeding depth. With sweeps in the ground, turn crank (E) to adjust depth stop against valve plunger (F). Use decal (G) as a return guide for later adjustments.

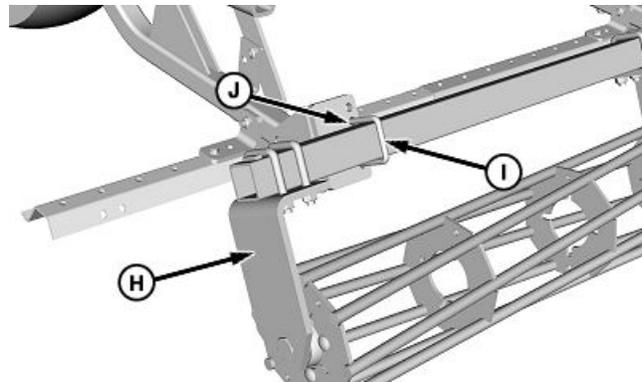
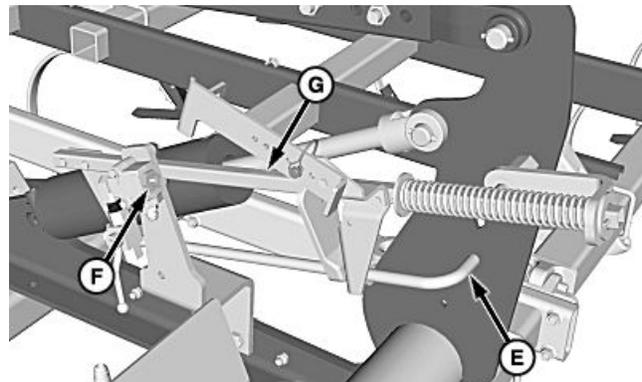
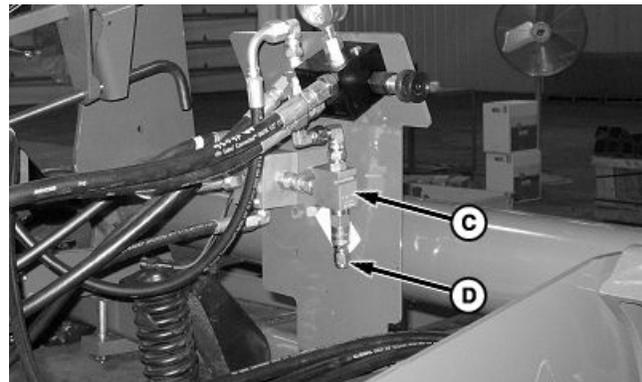
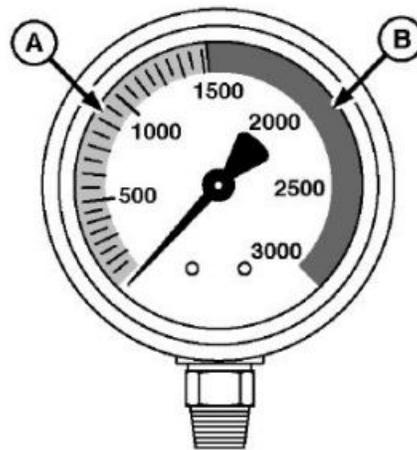
HARROW AND ROLLING BASKETS:

• Rolling Baskets:

Adjust rolling basket (H) down force by moving U-bolts (I) to different mounting holes (J).

• Coil Tine Harrow:

Adjust coil tine harrow angle as needed to achieve desired results.



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| A—Green Zone | F—Depth Stop |
| B—Red Zone | G—Decal |
| C—Sequence Valve | H—Rolling Basket |
| D—Cap | I—U-bolt |
| E—Crank | J—Mounting Holes |

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