

Instructions: Row shut-off for Case IH planters

Slectro Models: 418-F8R, 218-F8R, 428-F8R, 336-P6R, 436-P6R and 448-P8R

Installation:

1. Drill mounting holes (2) from upper left corner of planter release wheel carriage at $13/32$ " diameter. Remove the center bolt and bolt right of center of upper release wheel carriage mount.

2. Loosen the wheel cover on the Row shut-off unit and remove the solenoid cover.

3. Mount the Row shut-off unit temporarily.


4. Connect the wiring harness according to your particular model number as indicated on facing page.

5. Align shutoff wheels to rows on seed drum via slots of holes (2) in solenoid carriage. Distance (D) between wheel and seed drum; About $\frac{1}{2}$ in. for 418-F8R, 218-F8R & 428-F8R units. About 1 4 in. for 336-P8R, 436-P8R & 448-P8R units. See back of cover for refined adjustment.


6. With all adjustments made, tighten bolts on wheel and solenoid covers and shut-off unit.

7. Solenoid plunger must be seated when solenoid is energized. If solenoid plunger cannot seat, the corresponding circuit breaker on the switch-box faceplate will break the circuit. When this problem arises, check wheel levers and solenoid plungers and relieve any binding. If problem persists, increase the distance between the shut-off wheels and the planter seed drum (Distance D).

See back of instructions

 Do not adjust nut on solenoid plunger (C).

8. Connect the switch box power cord directly to battery terminals: White to positive and Black to negative.

 Ensure proper ground connection; may cause direct short if improperly connected

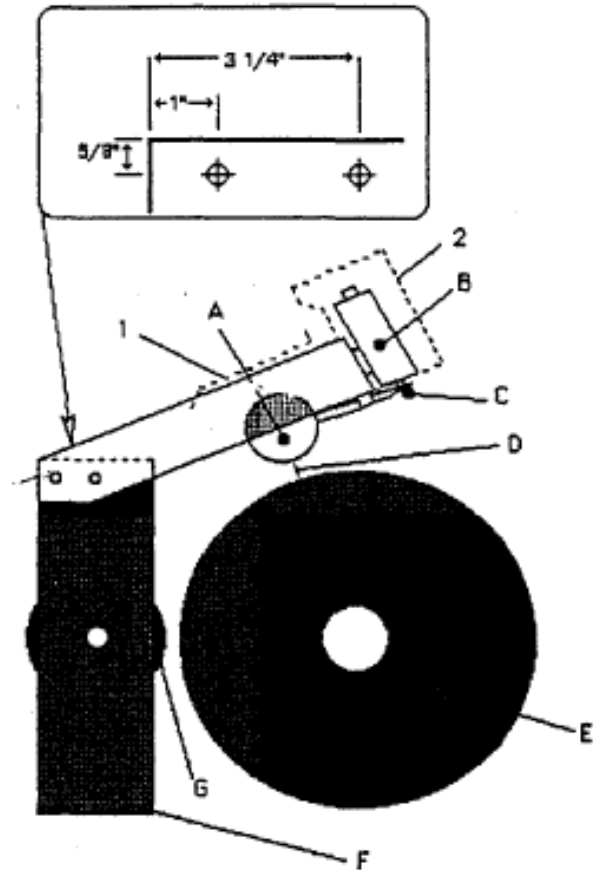


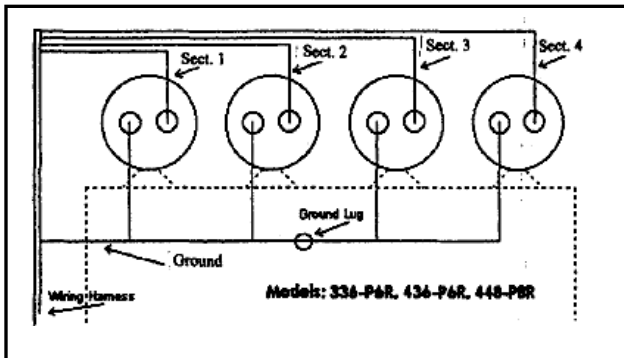
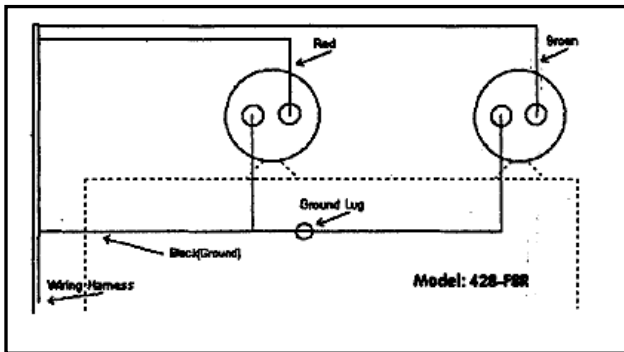
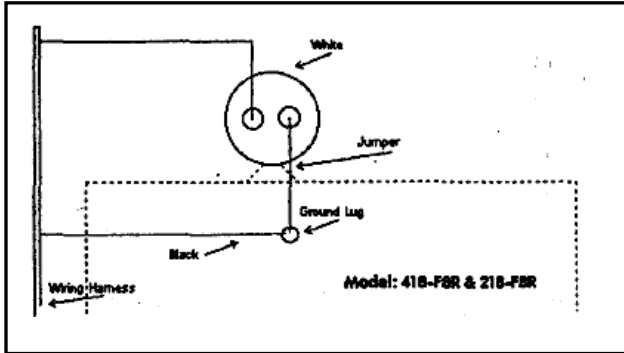
Illustration Guide:

1. Row Shut-off Release wheel cover
2. Solenoid cover

- A. Row Shut-off Release wheels
- B. Solenoid
- C. Solenoid Plunger
- D. Distance between A & E (Steps 5 & 7)
- E. Planter Seed Drum
- F. Planter Release Wheel Carriage
- G. Planter Seed Release Wheels

Electrical Wiring Diagrams

Diagrams are oriented with planter seed bin to left



Model 418-F8R & 218-F8R

White Solenoid Terminal

Black Ground Lug

Model 428-F8R

Red Rows 13 on six row seed hopper Rows 1-4 on eight row seed hopper

Brown or White Rows 4-6 on six row seed hopper Rows 5-8 on eight row seed hopper

Black Ground Lug

Note: Red wire corresponds with the beginning rows of additional seed drum(s) on 12, 16 or 24 row planters.

Model 336-P6R, 436-P6R & 448-P8R

Gray	Black
<u>Cable</u>	<u>Cable</u>
Green	Blue
Sect. 1	Orange
Sect. 2	Red
Sect. 3	Black
Sect. 4	Brown
Ground	White
	Yellow
	Black

Sect. 4 wire is dead on 6 and 12 row units. Sect. 1 corresponds with beginning section of subsequent drums of planter.

All models

Note: Be sure lead wires to left and right seed hoppers correspond with left and right switch on control panel.

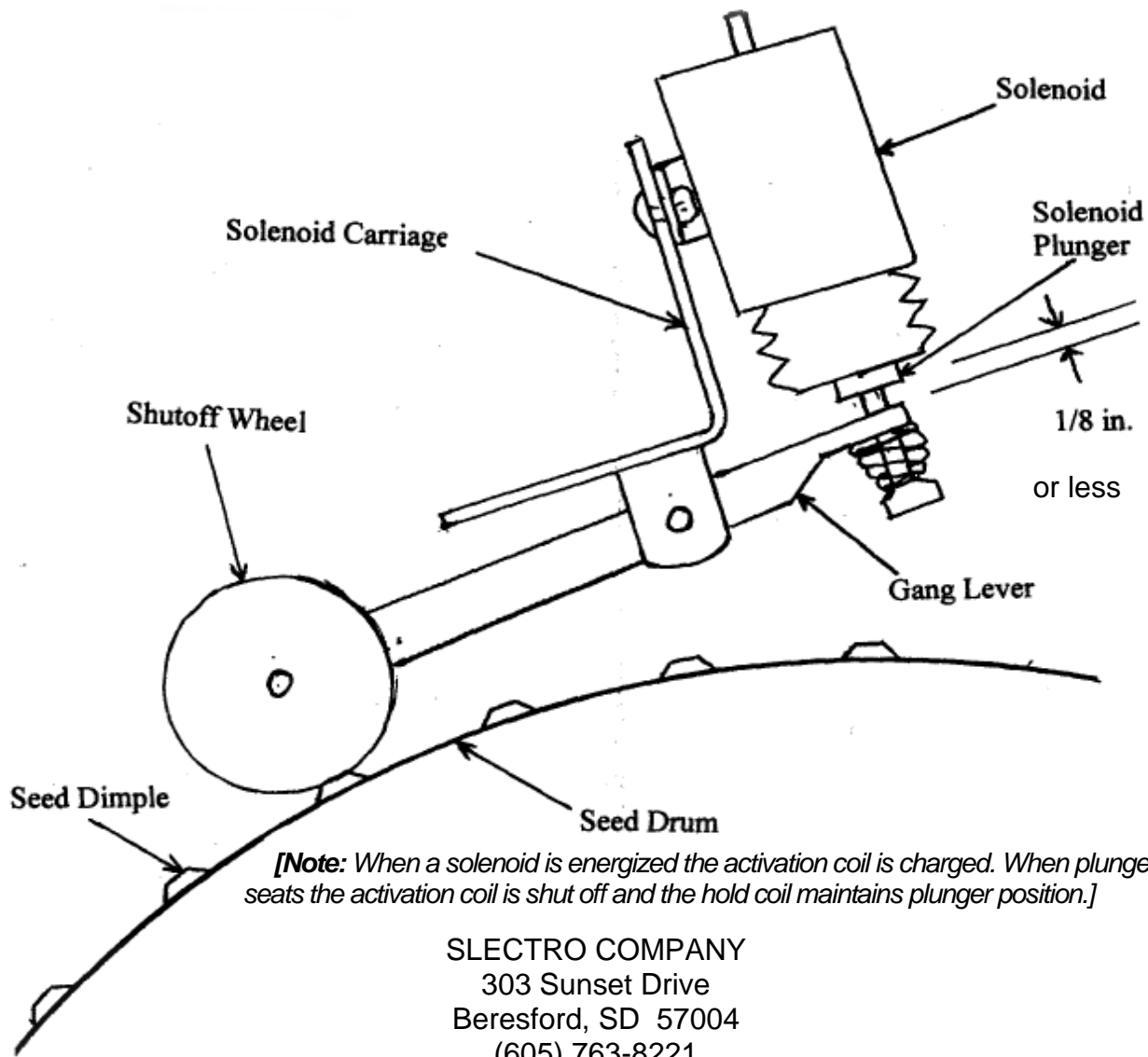
Insure that shut-off unit wheels can respond with planter rows. Note: Changing order of seed tubes on seed manifold may be required.

Circuit breakers overloading and breaking open

- 1) Check cable and connections to assure proper quality and clean.
- 2) Assure that cone spring on solenoid stud is in proper position (not lodged between stud and lever).
- 3) All moving parts must be free of lodging and/or dragging.
- 4) Assure proper adjustment:

Unit Adjustment

Solenoid plunger must seat in coil to reduce power demand to holding status. When shutoff wheels are engaged, proper adjustment is 1/8 inch or less between gang lever and solenoid plunger while wheel is on a seed dimple of the seed drum. Adjustment is achieved by loosening the four bolts that hold the complete unit and raising or lowering the unit. Do not alter lock nut on solenoid stud.



[Note: When a solenoid is energized the activation coil is charged. When plunger seats the activation coil is shut off and the hold coil maintains plunger position.]

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