

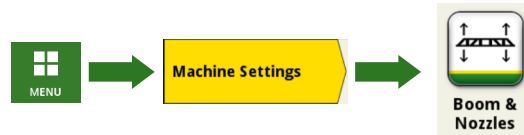
# ExactApply Reference Guide



## ExactApply Display Setup

### Main Menu

ExactApply settings can be found in the Boom & Nozzles menu on the Gen4 Display



Active nozzles and target pressures can be adjusted on the ExactApply configuration page

Ensure turret position in display matches the turrets on the nozzle body. Spray mode can be adjusted and viewed here to see what ports are connected and enabled inside the nozzle body.

### Advanced Settings

Advanced settings can be found by pressing the icon on the Boom & Nozzles page.



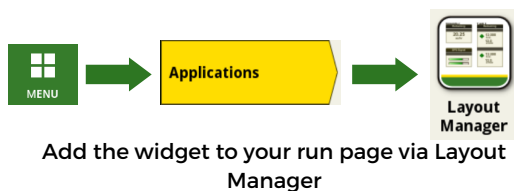
Nozzle lights can be adjusted. Manual mode will light all nozzle bodies for service or diagnostics.

Limit Min Flow % will prevent the nozzles from pulsing less than 25%. This ensures even coverage when slowing down. Over application will occur if operating at low speeds for an extended period of time.

When the turn compensation box is checked the output of the nozzles will adjust during a turn to ensure even rate and coverage.

### Run Page Setup

ExactApply nozzle performance can be monitored on your display run page using the Section Flow Percentage widget.



Section flow % represents the pulse rate of the nozzles in a "virtual" section across the boom. When driving straight at field operating speed the ideal % is between 60 and 75%. This leaves headroom for turn compensation to increase nozzle output when turning while insuring coverage.

## Maintenance

### Daily Rinse

Nozzle cleanliness is critical to reduce poppet wear and corrosion.  
Perform a boom rinse each night.

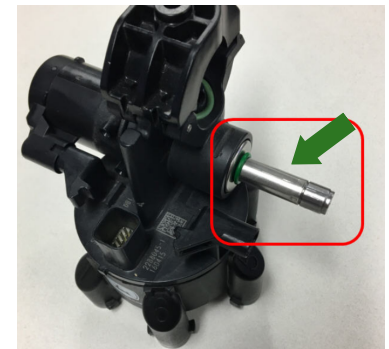


Ensure both A and B nozzles are rinsed regardless of which was used, as chemical is trapped in both ports.

### Troubleshooting

#### Nozzle Leak When Master Spray Off

1. Remove, disassemble, and clean the cartridge stem.
  - a. If debris are found, pull boom strainers out of the canister and verify they are clean.
2. If still leaking remove and replace cartridge stem.
  - a. Stems are identical and can be swapped between A and B.



#### Nozzle Electrical Codes

1. Locate nozzle on boom using boom page
2. Swap A and B solenoids to see if issue is corrected.
3. If swap is unsuccessful:
  - a. Inspect electrical pins for corrosion
    - i. Some pins can be replaced by LandMark
  - b. If no corrosion found, replace ExactApply nozzle body

