

FAST Expert Setup Checklist

⚡ For experienced installers. Use this sheet as a **step-by-step verification**. Check each item once confirmed.

Initial Configuration

Wrench > Initial Setup > Configuration

- Factory Reset → DO NOT CONTINUE WITH SETUP UNTIL COMPLETED
- Master Switch Source → External (switch box/foot) or On-Screen
- Boom Switch Source → On-Screen
- Master Switch Input → Ground
- Nozzle Spacing → Enter actual spacing
- Total Nozzles (Verify) → Matches detected vs. physical count
- Max TC Sections → Set to nozzle count or desired shutoff
- Manufacturer → Fast

VCM Setup

Wrench > Initial Setup > VCM Setup

- Confirm left-to-right order across boom
- Swap VCMs if needed (2 or 3 units per port)
- Verify with Key Fob → nozzles fire sequentially left-to-right

Boom/Nozzle Setup

Wrench > Boom/Nozzle > Nozzle Bounds

- Valve Diagnostics → Coil Only

Wrench > Boom/Nozzle > Nozzle Setup

- Valve Size → 24.0
- Enable Fence Row Outputs → Checked

Wrench > Boom/Nozzle > Recirculation (if equipped)

- Recirculation → Auto Delay 30s
- Cycle Boom Valves → Enabled

Wrench > Boom/Nozzle > Nozzle Setup > Softboom Setup

- 9600 60/90', 20" → 9, 21, 33, 45, 54
- 9600N 60/90', 15" → 12, 28, 45, 61, 73

- 9518TF 100', 20" → 15, 30, 45, 60
- 9518TF 100', 15" → 20, 40, 60, 80
- 9518TF 60/90', 20" → 9, 21, 33, 45, 54
- 9518TF 60/90', 15" → 12, 28, 45, 61, 73
- 973PT 120', 20" → 18, 31, 41, 54, 72
- 120' Truss, 15" → 12, 30, 49, 67, 85, 97
- 132' Truss, 22" → 9, 18, 36, 54, 63, 72
- Other: Enter last nozzle of each ball-valve plumbing section

Pressure Setup

Wrench > Pressure > Pump Setup

- Servo Minimum → 23
- Servo Maximum → 95

Wrench > Pressure > Sensor Setup

- Sensor 2 → 250

Wrench > Pressure > Control Tuning

- System Gain → 2.5
- Gain D → 2

Flow Setup

Wrench > Flow > Flowmeter Setup

- Meter 1 Calibration → Actual calibration number (Pulses/10 GAL)

Navigation Setup

Wrench > Navigation > Vehicle

- Boom Type → Pull (Fixed if 3pt)
- Drawbar Pt. Ahead R. Axle → -180 or measure (0 if 3pt)

Wrench > Navigation > Implement

- Boom Ahead Rear Axle → -280 or measure (0 if 3pt)
- Trail Axle Ahead R. Axle → -224 or measure (0 if 3pt)

Wrench > Navigation > GPS

- GPS Ahead Rear Axle → 192 or measure actual

 **Setup Complete** — installer verified all values and configuration.