

ET Pre-Delivery / Pre-Field Start Checklist

⚡ **Purpose:** Confirm the factory setup is correct, verify basic functionality, and ensure system control responds properly before field use.

🔧 All steps are performed from the **Home Screen**.

Step 1: Target Rate

☐ Enter/Select a **Target Rate** → Rate icon turns **blue**.

Step 2: Self-Test Speed

☐ Enter a **Self-Test Speed**

Step 3: Target Pressure

☐ Enter/Select a **Target Pressure** → Pressure icon turns **blue**.

Step 4: Pump Control

☐ Select the **Pump button** → Pump icon turns **blue**.

- Pump should now turn on and build pressure.
- Pressure should control to selected target pressure.
- Switch to **Pressure 2** → pressure should smoothly acquire new setpoint.

⚠ **If Pump does not turn on:**

- Verify hydraulic pressure to pump
- Verify electric current to pump connector
- If still not working, reference Pump Setup or Pump/Pressure troubleshooting in Operator's Manual.

✅ If pump control is good → continue.

Step 5: Key Fob Verification

☐ Select **Key Fob button**.

- Open Capstan Key Fob app.
- Verify nozzles activate left → right across boom in order.

Step 6: Tank Capacity & Refill

☐ Select **Gallons button**.

- Enter **Tank Capacity**.
- Use **Refill button** to simulate fill.
- Optionally set **% or Volume alarms**.

Step 7: Tip Size

☐ Select **Tip button** → choose nozzle size installed on boom

Step 8: Section Switches

☐ Verify number of section switches shown at bottom of screen matches **actual number of ball valves** installed.


Step 9: Master Switch

- ☐ Turn **Master Switch ON** → master switch turns blue when active
 - Use Joystick Switch to control master

Step 10: Boom Section Verification

- ☐ Turn **Section Switch 1 ON** → Section 1 valve opens and VCMs pulse.
- ☐ Continue through all sections, verifying each switch controls its correct section valve/nozzle

Step 11: Boom Recirculation

- ☐ Select **Recirc button** → button turns **blue**.
 -  Note: Boom must be **OFF for >30 seconds** before recirculation will activate.
 - Once icon turns **blue**, verify recirculation valve opened.
 - Turn boom back ON → Recirc button should turn **red** and recirc valve should close.
 - When boom is OFF for >30 seconds, valve should re-open and button return to **blue**.

Step 12: Custom Boom Profiles (Optional)

- ☐ Setup custom boom profiles as required.
 - Refer to Operator's Manual for instructions.

☒ **Pre-Delivery / Pre-Field Start Checklist Complete**

System is ready for initial field operation.