

# 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.