

Here's a clear description of the process flow:

1. **Start:** The process begins with "Receive Order" (triggered from n10).
2. **First Split:** After receiving the order, two things happen *exclusively* (only one path can be taken):
  - *Either* the process immediately ends through a silent transition (n12 → n6)
  - *Or* you "Inform Storehouse and Engineering Department" (n16)
3. **Main Process Path** (if you choose to continue):
  - *Simultaneously:*
  - **Path A (Storehouse):**
    - A silent transition (n13) → "Select Unchecked Part" (n21) → "Check Part Quality" (n20)
    - *Exclusive choice after checking quality:*
    - "Back-order Part" (n18) or "Reserve Part" (n19)
    - After either back-order/reserve:
      - *Loop option:* Return to "Select Unchecked Part" (n21) through n8
      - *Or* proceed via silent transition (n14) to join assembling
  - **Path B (Engineering):**
    - "Prepare for Assembling" (n23) → Wait at n11
4. **Convergence:** When both paths are ready:
  - "Assemble Bicycle" (n17) starts *only after* receiving:
  - Parts approval (from silent transition n14 → n3)
  - AND*
  - Preparation confirmation (from n11)
5. **Final Step:**
  - "Ship Bicycle to Customer" (n15) ends the process at n6.

**Key Relationships:**

- The part quality check loop (steps 3A) can repeat until parts are approved
- Storehouse (3A) and Engineering (3B) work *in parallel* but must synchronize before assembly
- All silent transitions (n12, n13, n14) act as behind-the-scenes handoffs between steps