

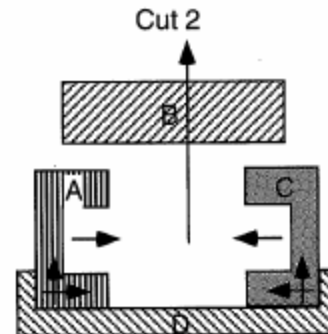
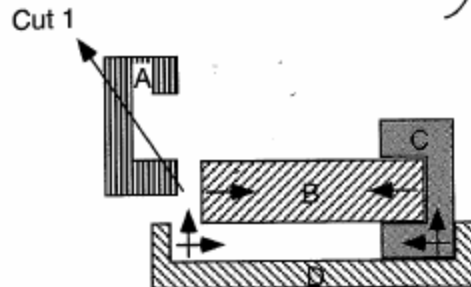
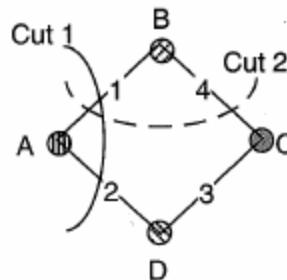
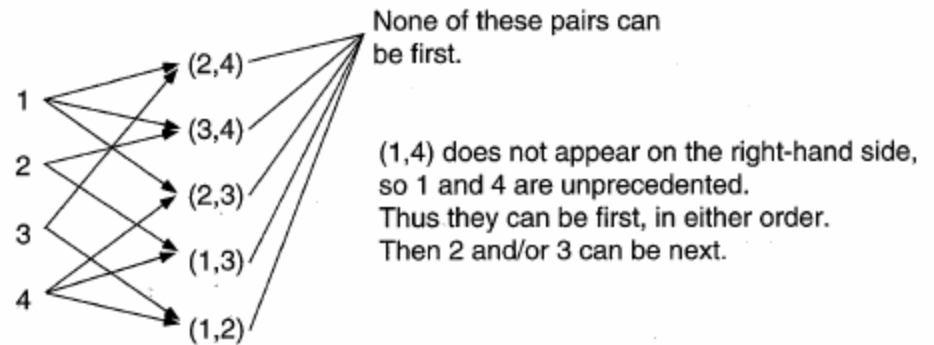
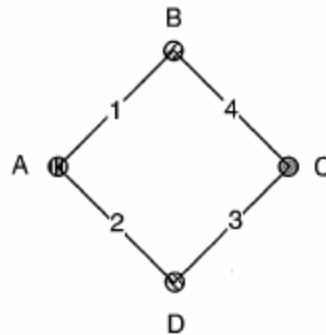
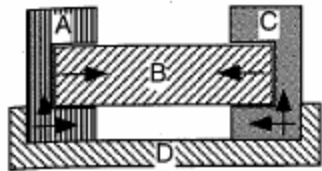
Assembly Sequence Analysis

- Liaison diagrams lead to assembly sequence
- Assumptions:
 - parts are rigid
 - liaison stays put once made

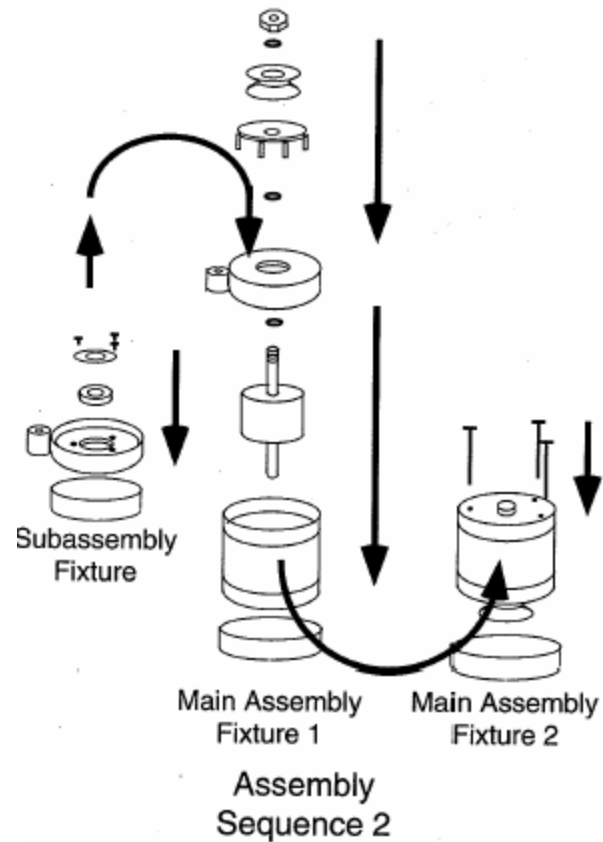
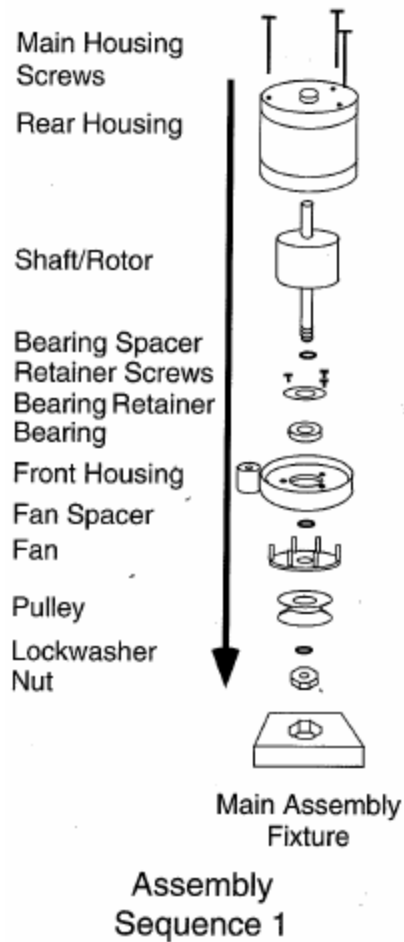
Generating Feasible Sequences

- Make drawing and parts list
- Generate liaison diagram
- Answer precedence questions
 - local constraints on movement
 - global constraints
- Generate precedence relations
- Generate graph of sequences

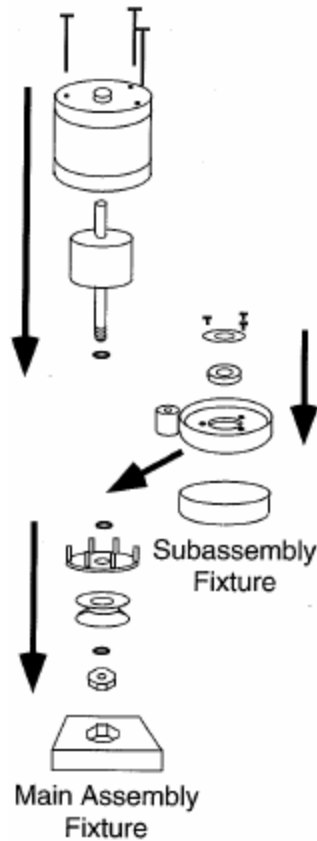
Example Assembly Sequences



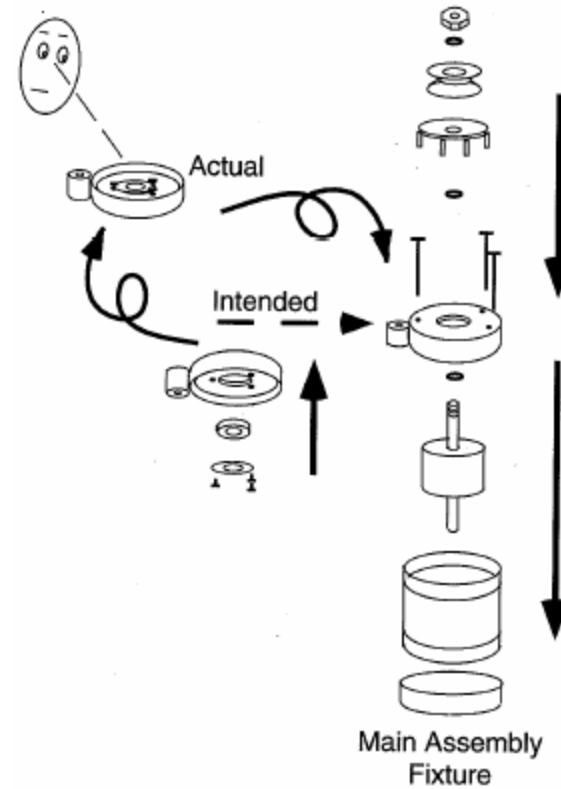
More Example Sequences



More Example Sequences



Assembly
Sequence 3



Assembly
Sequence 4