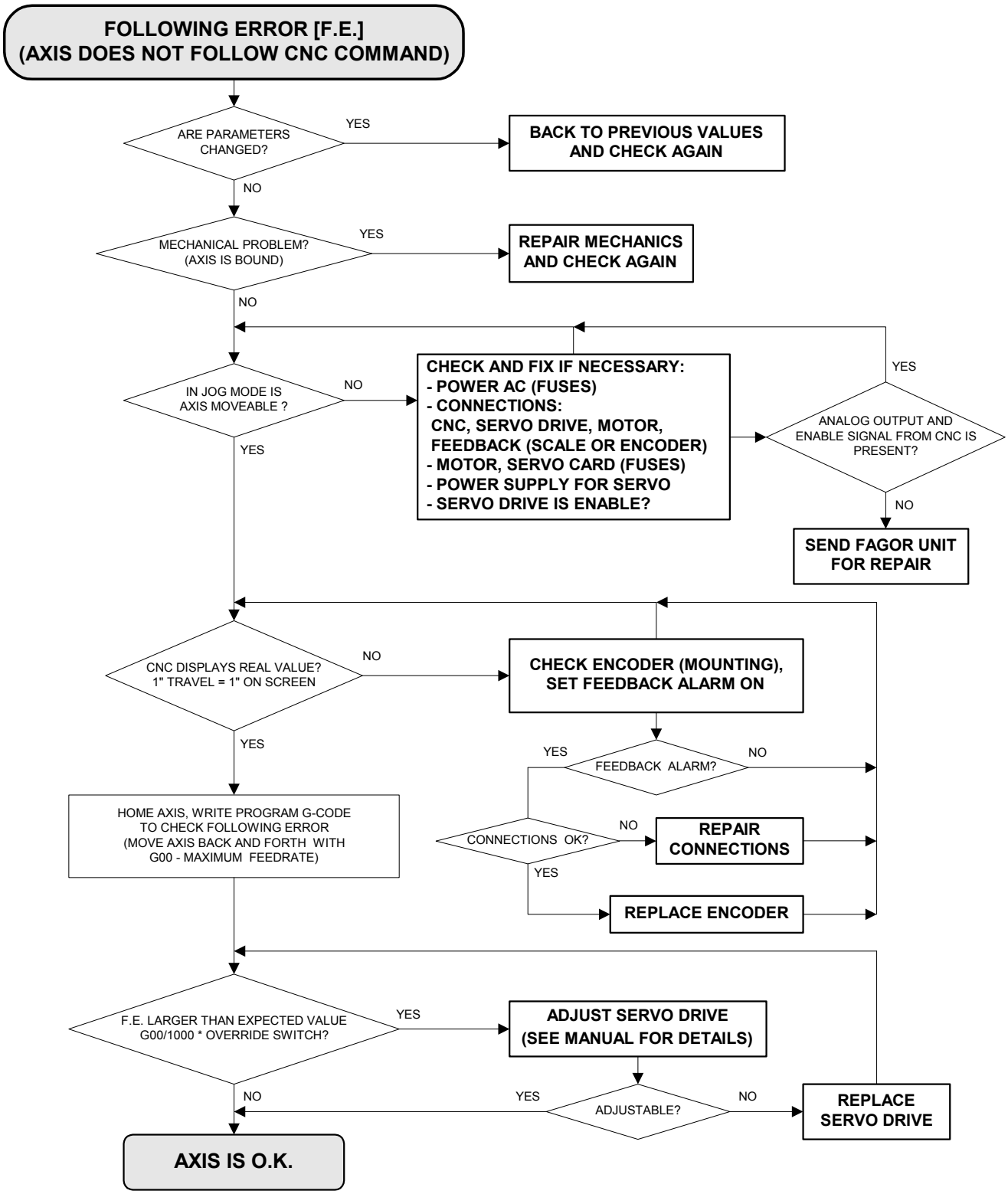
FOLLOWING ERROR [F.E.]
(AXIS DOES NOT FOLLOW CNC COMMAND)
ARE PARAMETERS CHANGED?
YES
BACK TO PREVIOUS VALUES AND CHECK AGAIN
NO
MECHANICAL PROBLEM? (AXIS IS BOUND)
YES
REPAIR MECHANICS AND CHECK AGAIN
NO
IN JOG MODE IS AXIS MOVEABLE ?
NO
CHECK AND FIX IF NECESSARY:
- POWER AC (FUSES)
- CONNECTIONS:
CNC, SERVO DRIVE, MOTOR,
FEEDBACK (SCALE OR ENCODER)
- MOTOR, SERVO CARD (FUSES)
- POWER SUPPLY FOR SERVO
- SERVO DRIVE IS ENABLE?
YES
ANALOG OUTPUT AND ENABLE SIGNAL FROM CNC IS PRESENT?
YES
NO
SEND FAGOR UNIT FOR REPAIR
YES
CNC DISPLAYS REAL VALUE? 1" TRAVEL = 1" ON SCREEN
NO
CHECK ENCODER (MOUNTING), SET FEEDBACK ALARM ON
FEEDBACK ALARM?
YES
NO
CONNECTIONS OK?
NO
REPAIR CONNECTIONS
YES
REPLACE ENCODER
HOME AXIS, WRITE PROGRAM G-CODE TO CHECK FOLLOWING ERROR (MOVE AXIS BACK AND FORTH WITH G00 - MAXIMUM FEEDRATE)
F.E. LARGER THAN EXPECTED VALUE G00/1000 * OVERRIDE SWITCH?
YES
ADJUST SERVO DRIVE (SEE MANUAL FOR DETAILS)
ADJUSTABLE?
YES
NO
REPLACE SERVO DRIVE
NO
AXIS IS O.K.