

CHART 1A. MOTOR WILL NOT START OR STOPS AND WILL NOT RESTART.

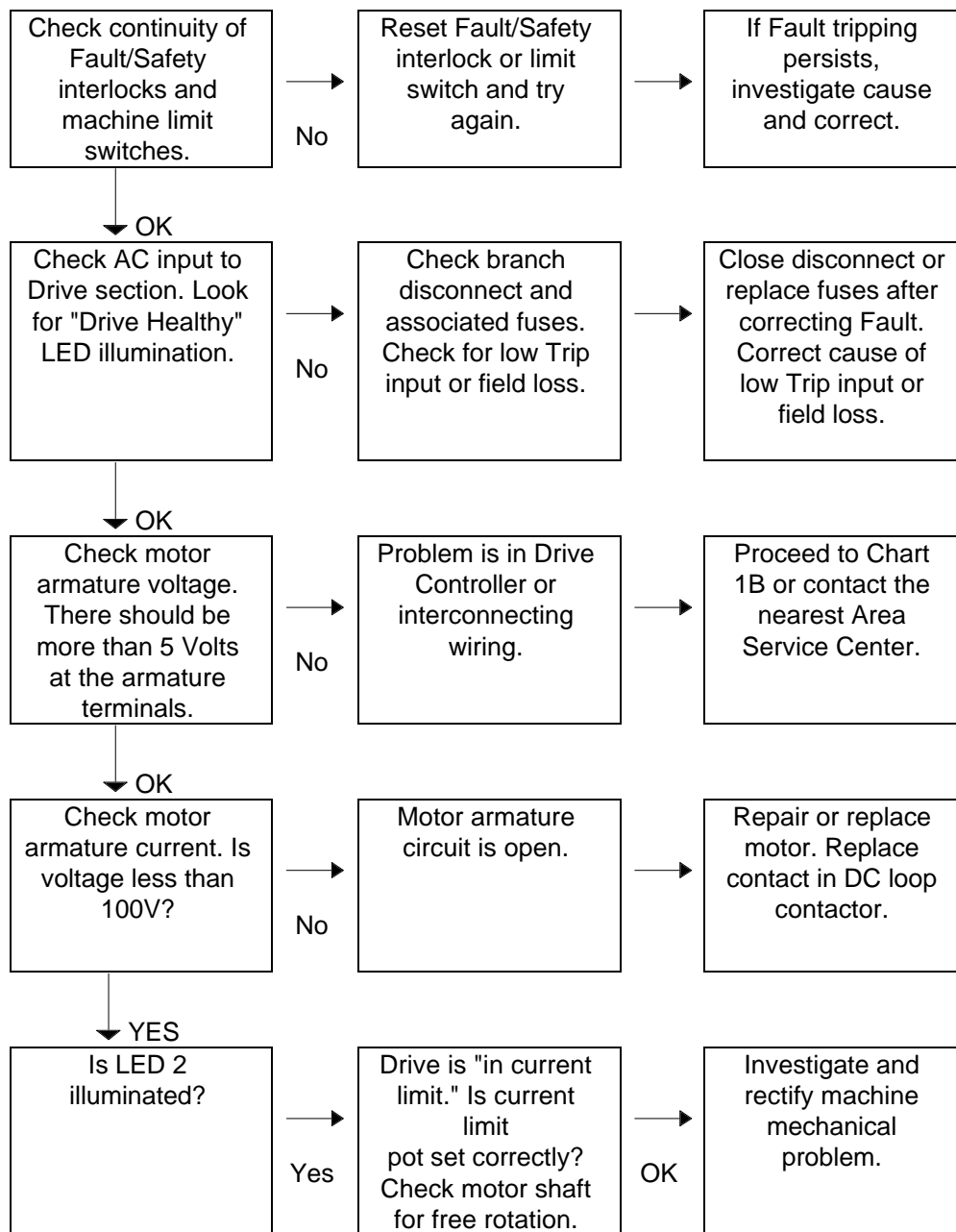
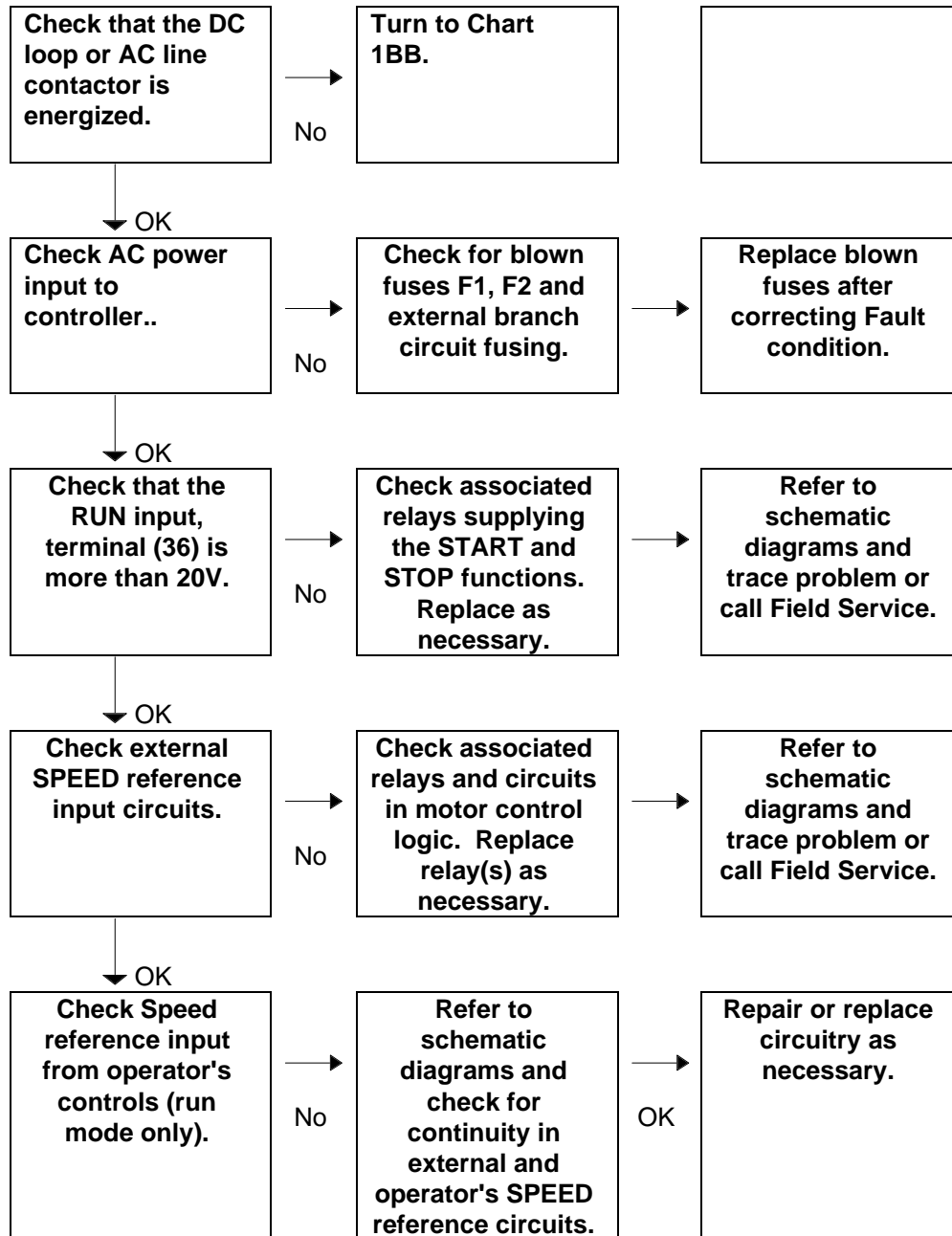


CHART 1B. MOTOR WILL NOT START OR STOPS AND WILL NOT RESTART.



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CHART 1B (CONT.) MOTOR WILL NOT START OR STOPS AND WILL NOT RESTART.

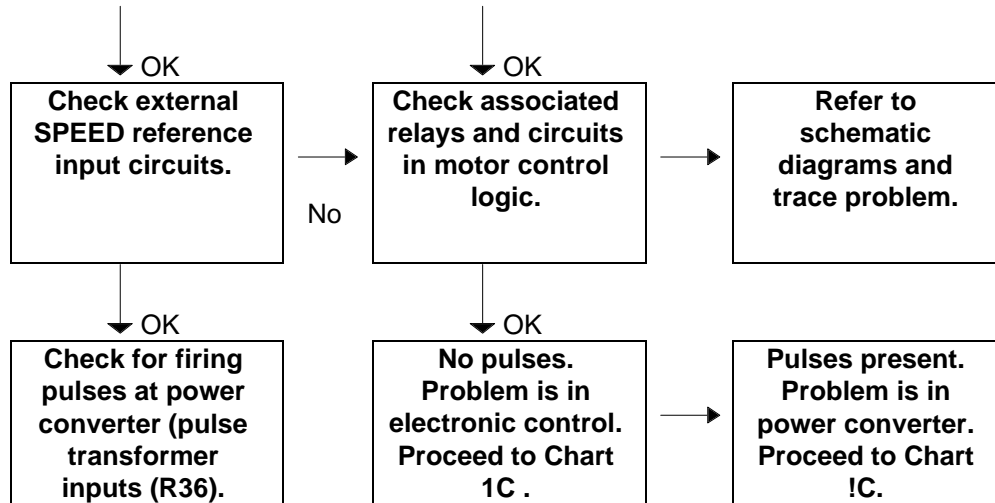


CHART 1BB. MOTOR WILL NOT START OR STOPS AND WILL NOT RESTART.

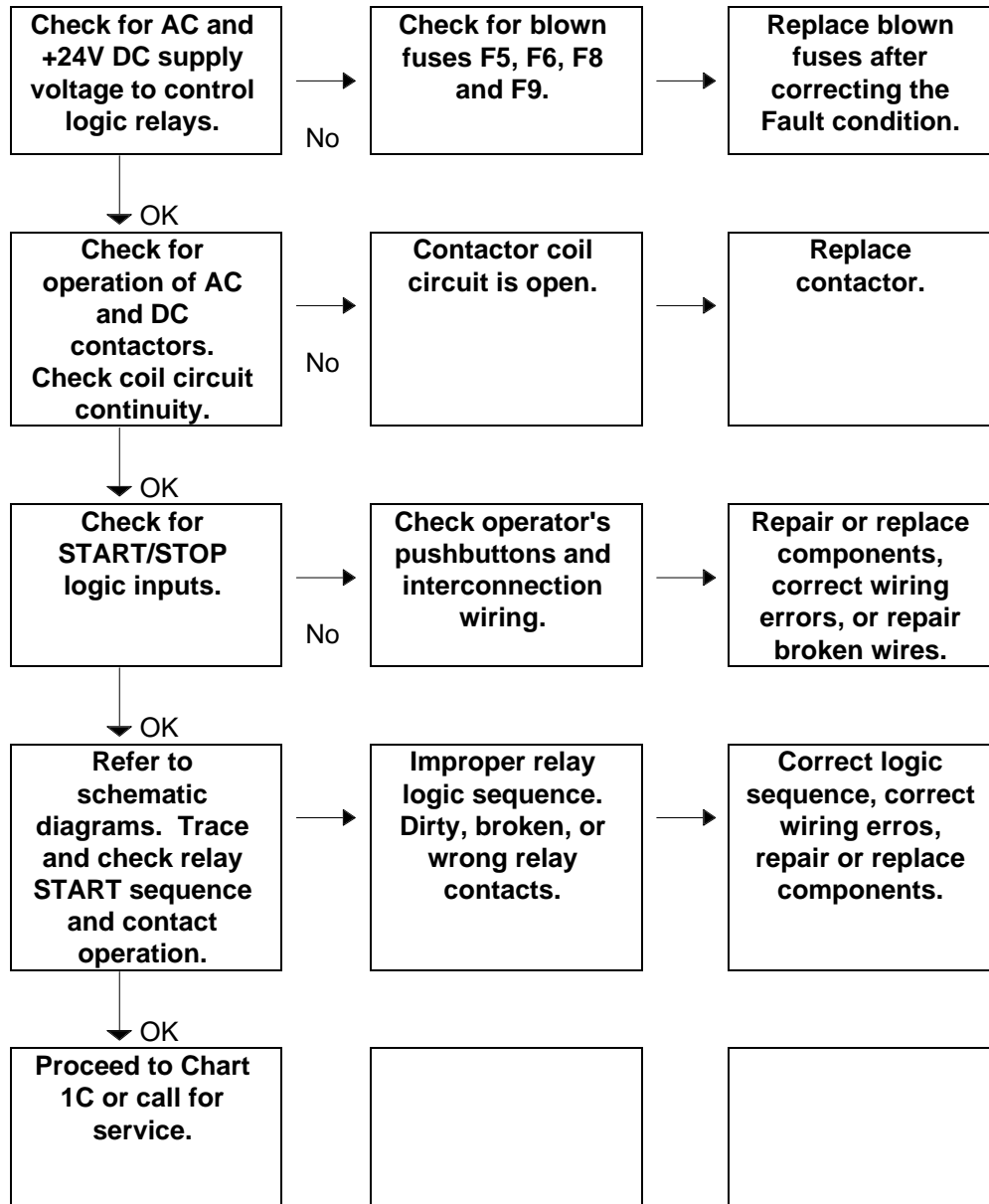


CHART 1C. MOTOR WILL NOT START OR STOPS AND WILL NOT RESTART.

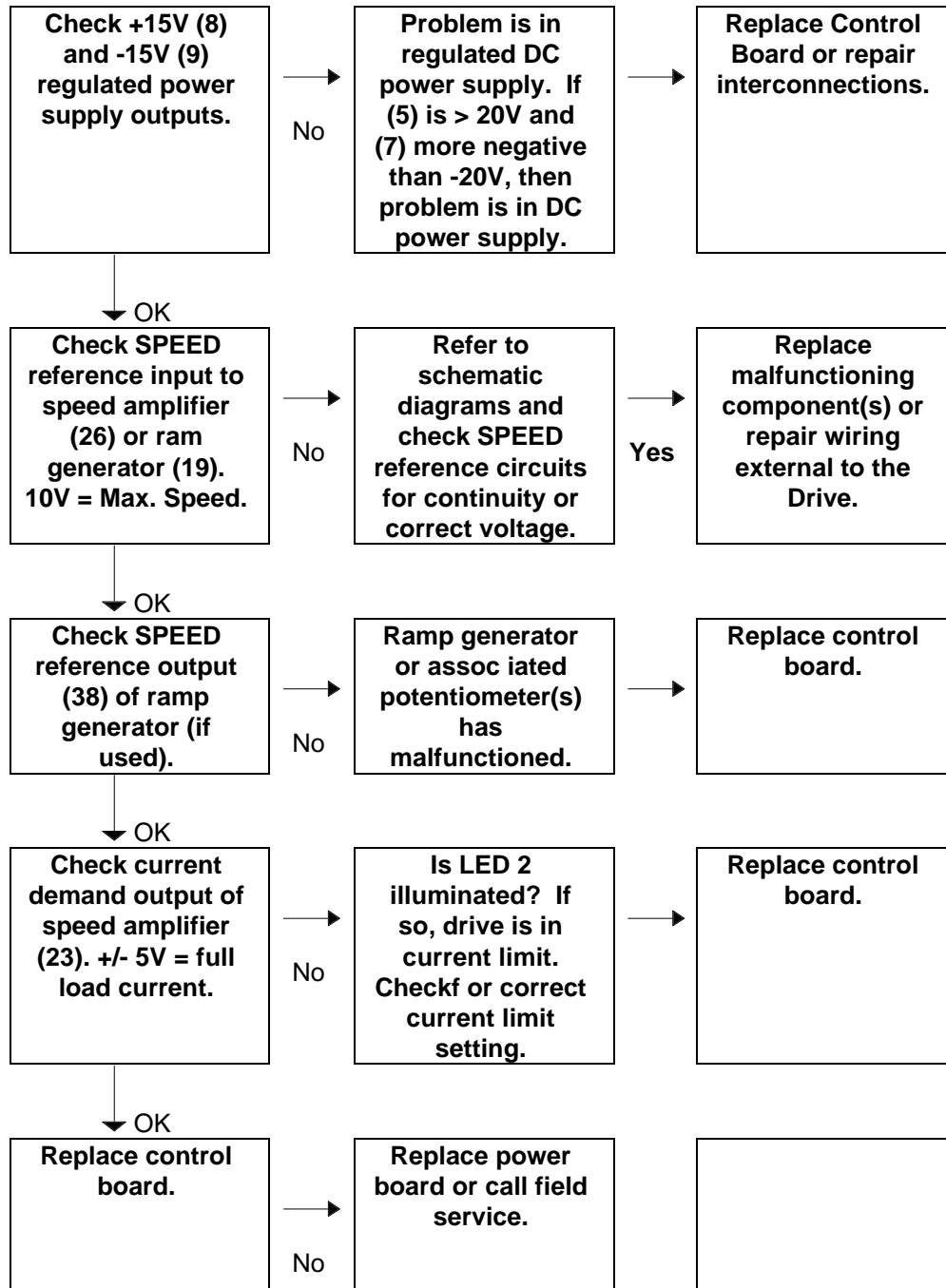
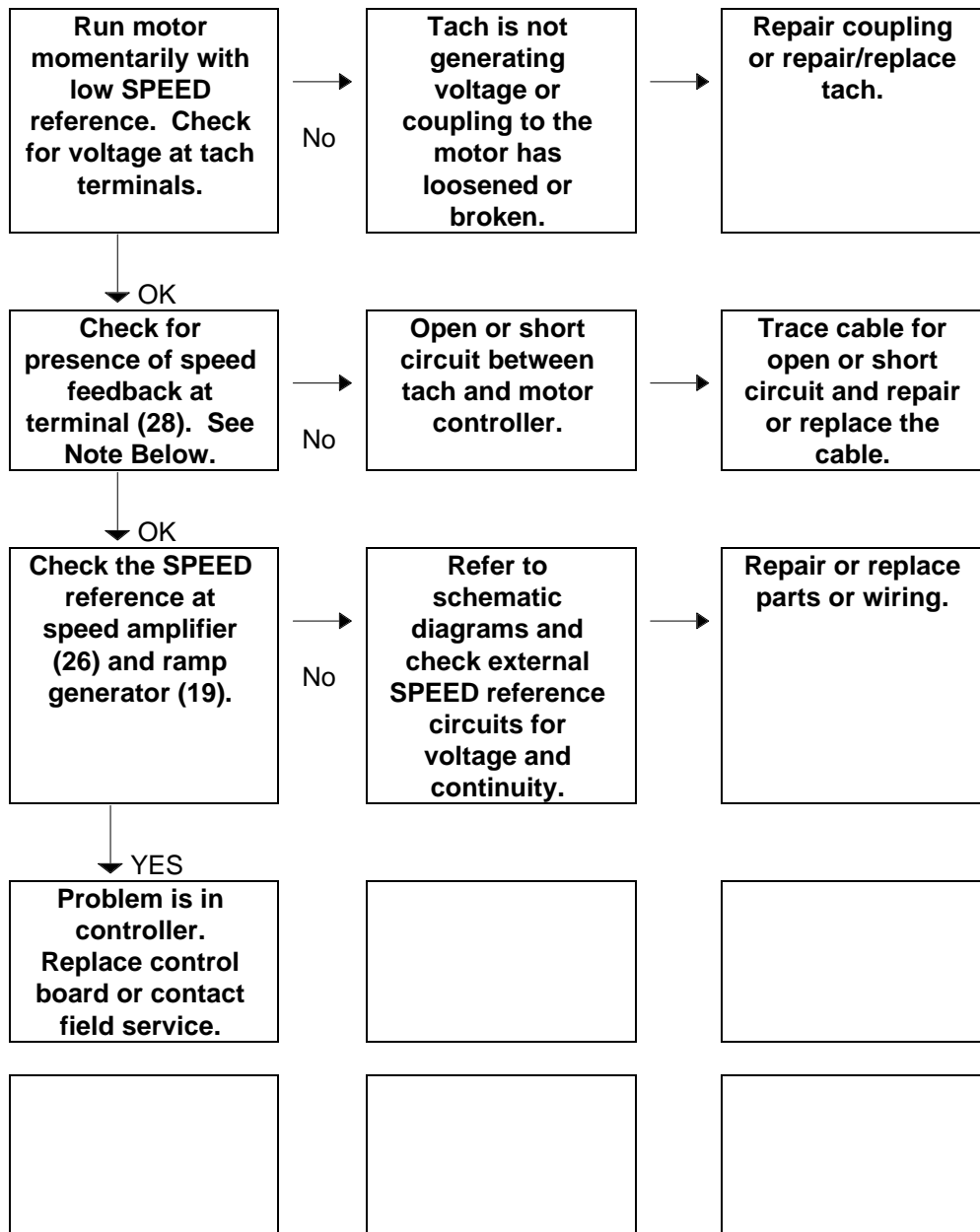


CHART 2A. MOTOR RUNS AT HIGH SPEED WITH NO SPEED CONTROL.



NOTE: POLARITIES ARE DEPENDENT UPON REFERENCE POLARITY AND DIRECTION OF MOTOR ROTATION.

CHART 3A. MOTOR RUNS AT LOW SPEED WITH NO SPEED CONTROL.

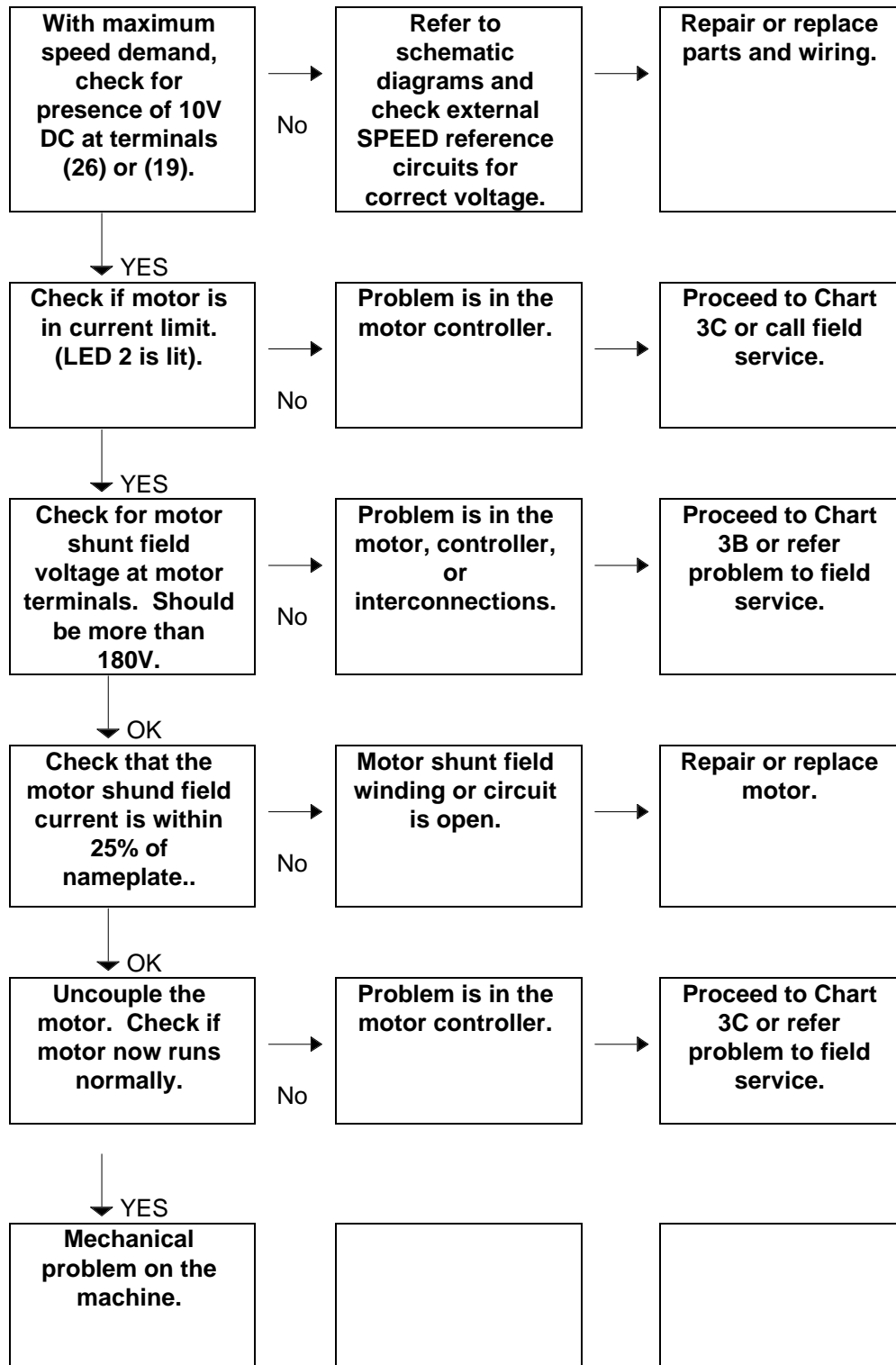
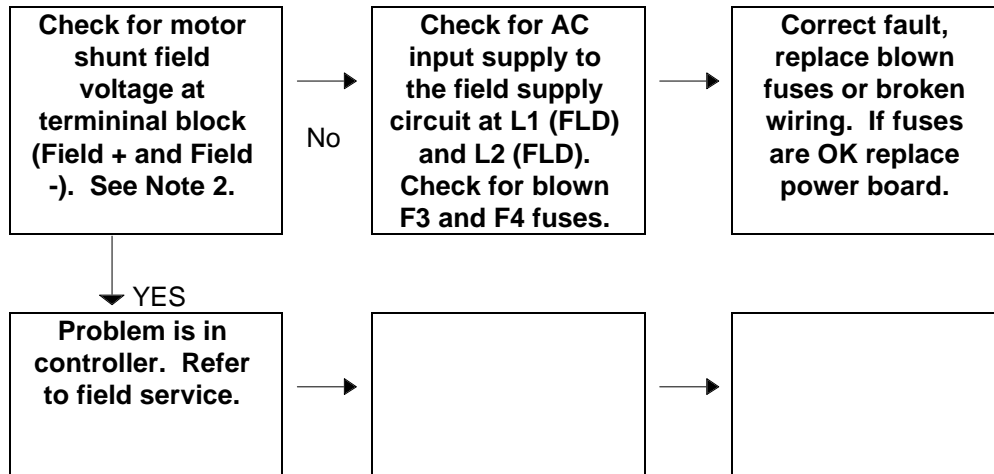


CHART 3B. MOTOR RUNS AT LOW SPEED WITH NO SPEED CONTROL.



NOTE 1: REFER TO SCHEMATIC DIAGRAMS FOR APPLICATION CIRCUITRY IN RESPECT TO SPEED REFERENCE.

NOTE 2: LOSS OF SHUNT FIELD CURRENT WILL TRIP MOTOR FIELD LOSS PROTECTION IF PROTECTION IS SELECTED (SW1-2 IS OPEN).

NOTE 3: LOSS OF CURRENT FEEDBACK WILL CAUSE SYSTEM INSTABILITY.

CHART 3C. MOTOR RUNS AT LOW SPEED WITH NO CONTROL.

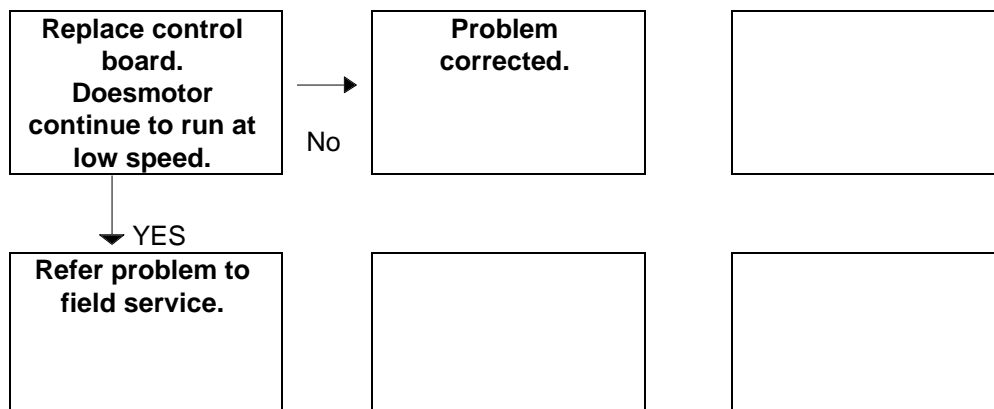
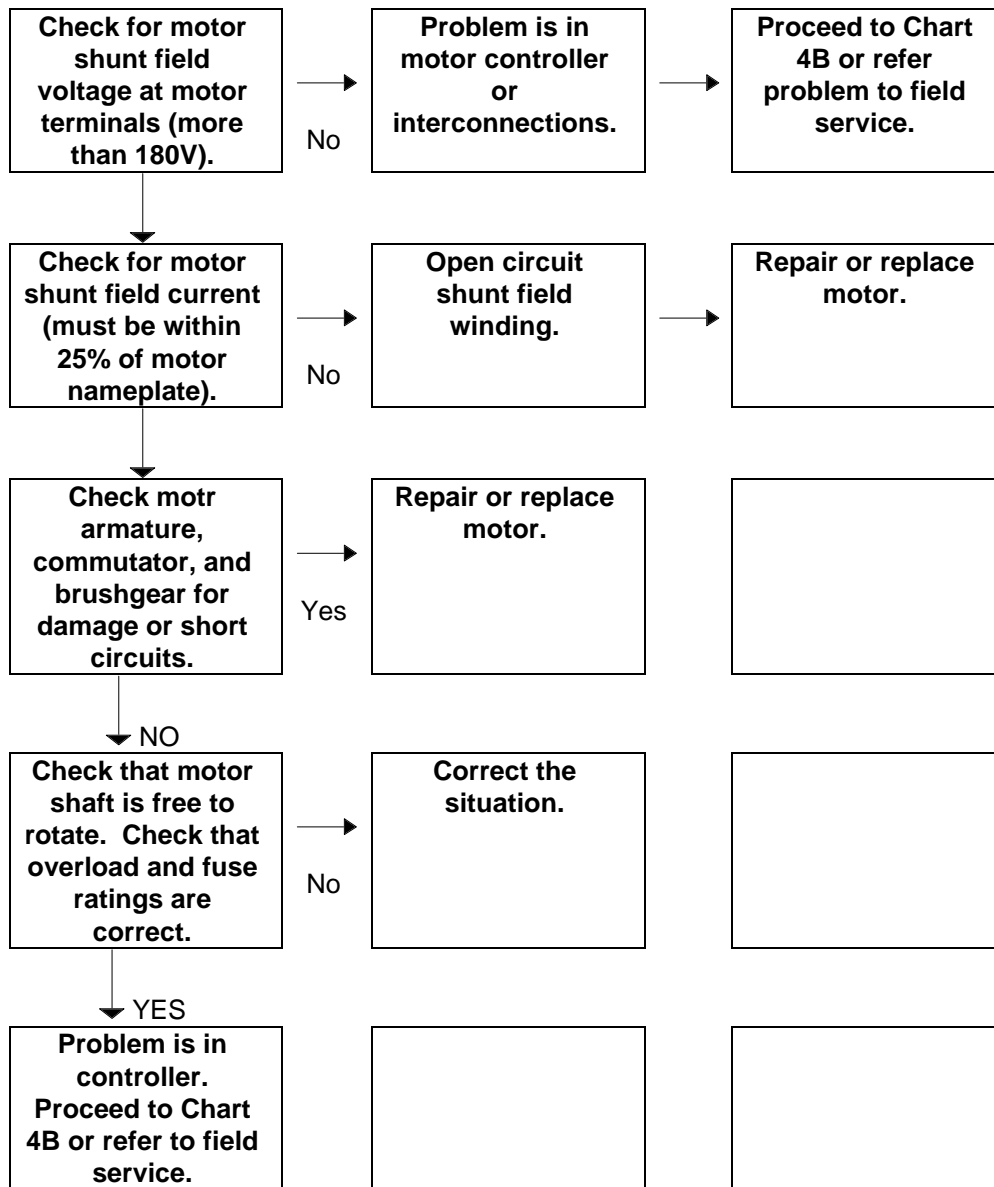
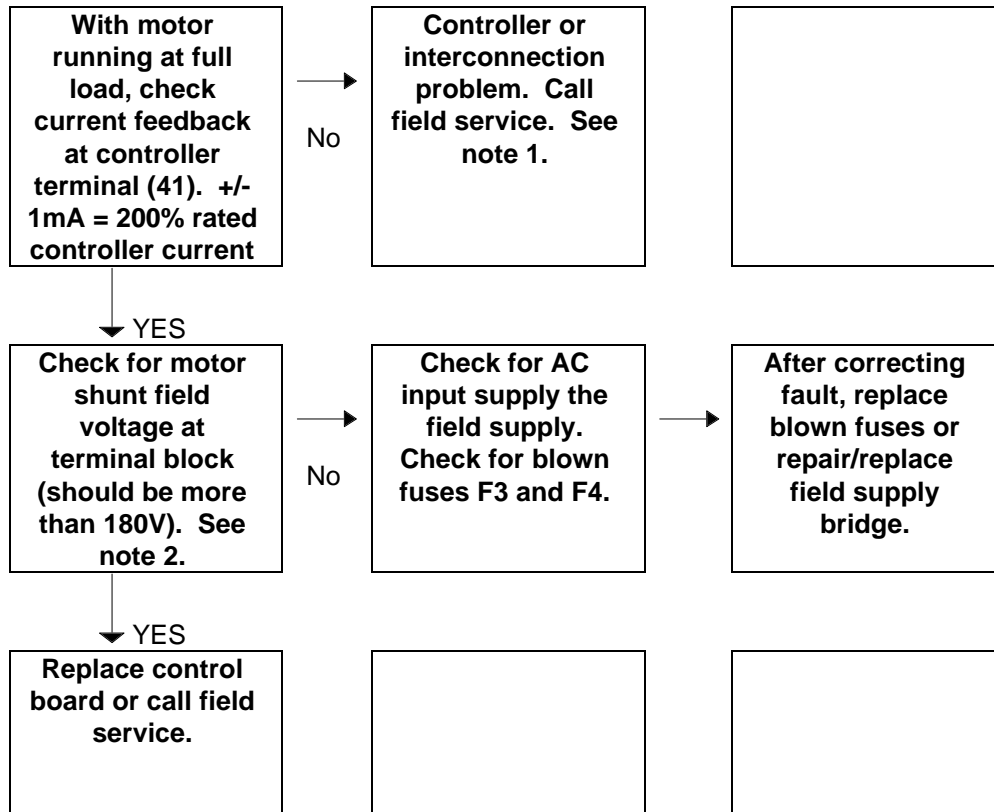


CHART 4A. PERSISTANT FUSE "BLOWING".



NOTE: LOSS OF SHUNT FIELD CURRENT WILL TRIP MOTOR FIELD PROTECTION IF FIELD FAILURE PROTECTION IS SELECTED (SW1-2 IS OPEN).

CHART 4B. PERSISTANT FUSE "BLOWING".



NOTE 1: LOSS OF CURRENT FEEDBACK WILL CAUSE THE SYSTEM TO BE UNSTABLE.

NOTE 2: LOSS OF SHUNT FIELD CURRENT WILL TRIP MOTOR FIELD PROTECTION IF FIELD FAILURE PROTECTION IS SELECTED (SW1-2 OPEN).