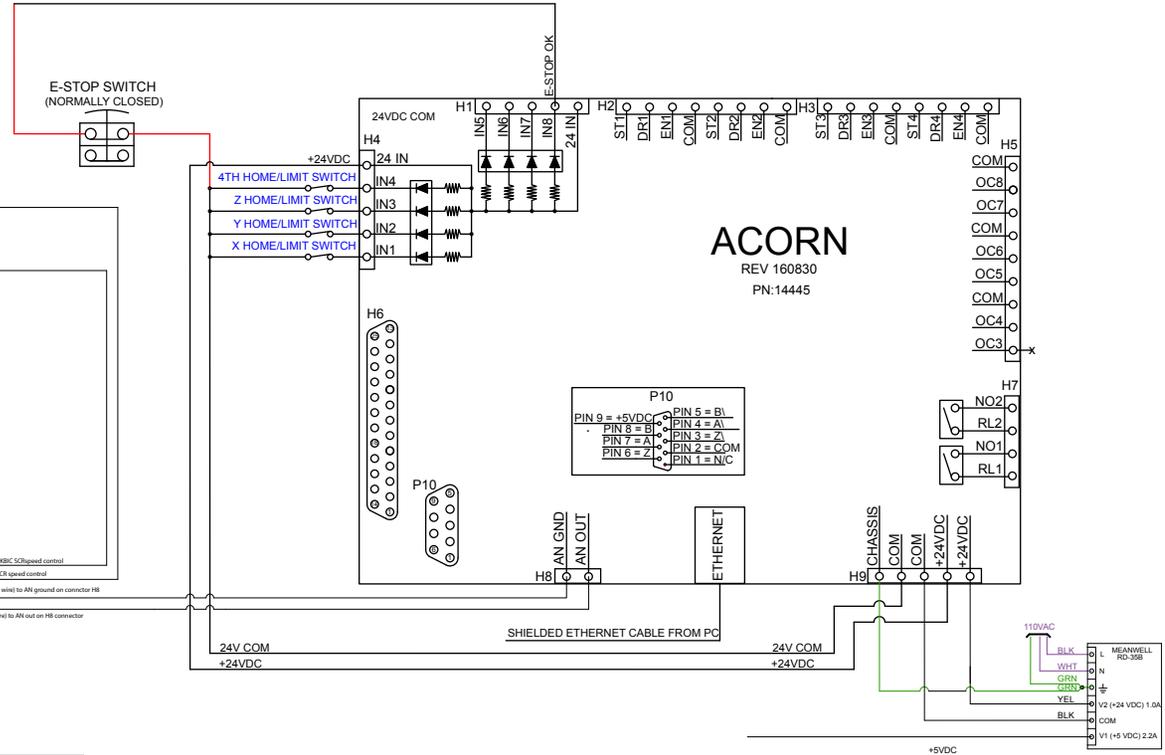
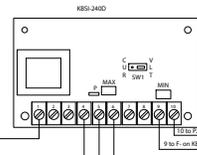
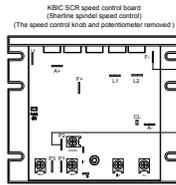
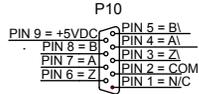


LASER CONNECTIONS ARE RED
 OPTIONAL CONNECTIONS ARE BLUE
 GROUNDS ARE GREEN
 110VAC IS VIOLET

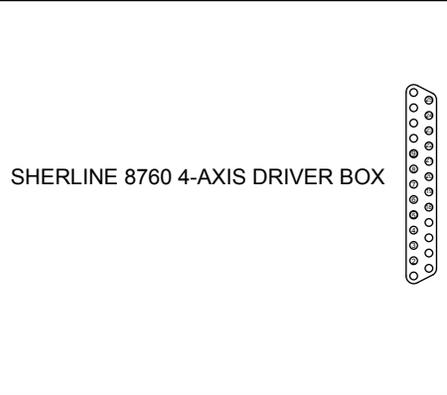
Encoder leads	Acorn P10 port
Brown	PIN 9 = +5VDC
White	PIN 8 = B
Black	PIN 7 = A
Orange	PIN 6 = Z
White striped	PIN 6 = Z
Black striped	PIN 5 = B
Orange striped	PIN 4 = A
Blue	PIN 3 = Z
	PIN 2 = COM



AC power to KBSI-240D
 1. common (white wire)
 4. line (black wire)

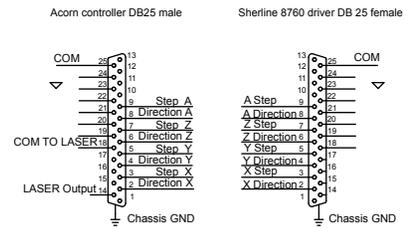
KBSI-240D conection H8 on acorn board
 5. negative wire (black wire) to AN ground on connector H8
 6. positive wire (red wire) to AN out on H8 connector

KBSI-240D conection to KBIC SCR speed control board
 5. negative wire (black wire) to F- on KBIC SCR speed control board
 6. positive wire (red wire) to P2 on KBIC SCR speed control board



PLEASE SEE ACORN DB 25 CABLE DIAGRAM

NOTE: the Acorn DB25 male port can be remapped to match and DB25 female Sherline 8760 driver port



Acorn controller DB25 male TO Sherline 8760 driver DB 25 female
 This is for standard DB25 cable (DB25 pins remapped to the DB25 female connection on 8760)
 1. Pins 1, 10, 11, 12, 13, 15, 16, 17 are not connected
 2. Pin 14 is the laser output from the acorn controller to laser driver
 3. Pin 18 is the laser command output from the acorn controller to laser driver
 4. Pins 19 thru 25 are not connected between the DB25 male and DB25 female

OUTPUT TO SHERLINE LATHE