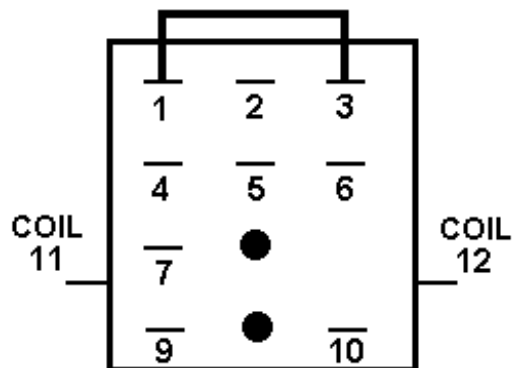


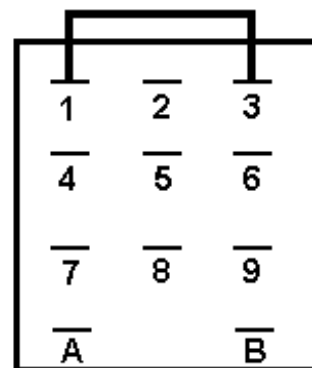
SB-220 REPLACEMENT RELAY CONTACT/WIRING DIAGRAM (VIEWED FROM BACK CONTACTS OF RELAYS)

SOME SB-220 RELAYS MAY BE WIRED DIFFERENTLY
(SEE SECOND PAGE FOR ALTERNATE WIRING OF ORIGINAL RELAY)

SB-220 OLD RELAY



SB-220 NEW RELAY



CONTACT CROSS-MATCHING (NEW = OLD)

1 = 1 2 = 2 3 = 3 4 = 4
 5 = 5 6 = 6 7 = 7 8 = 9 9 = 10
 A = COIL 11 B = COIL 12

NEW RELAY PINOUT

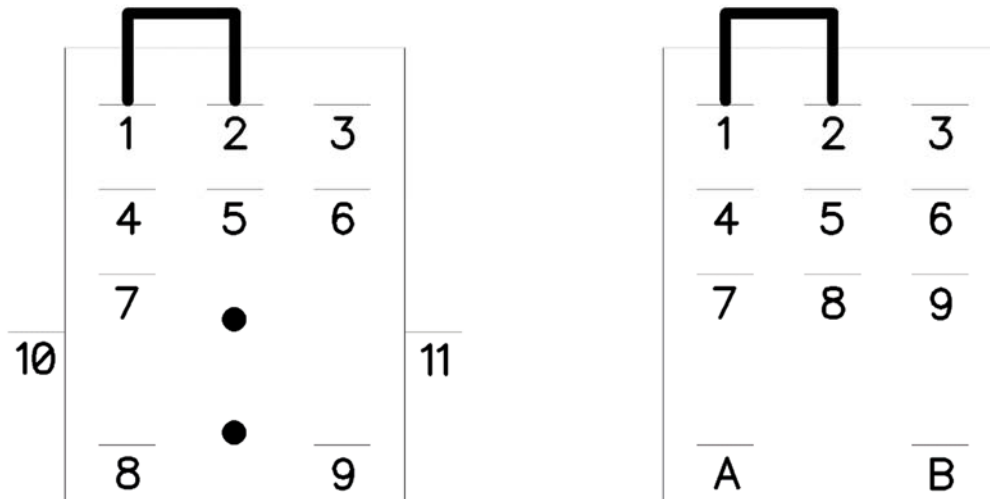
PIN 1	LARGE BARE WIRE TO PIN 3
PIN 2	ONE END OF 100KΩ RESISTOR & SMALL RED WIRE FROM 120VDC SUPPLY & SMALL RED JUMPER WIRE TO PIN B
PIN 3	LARGE BARE WIRE TO PIN 1
PIN 4	SMALL COAX CENTER CONDUCTOR TO TUNED INPUT
PIN 5	LARGE BLACK WIRE TO RECTIFIER/METERING BOARD
PIN 6	LARGE BARE WIRE TO TANK CIRCUIT
PIN 7	SMALL COAX CENTER CONDUCTOR TO RF INPUT JACK
PIN 8	OTHER END OF 100KΩ RESISTOR AND GREEN/YELLOW WIRE TO CENTER TAP OF FILAMENT TRANSFORMER
PIN 9	LARGE COAX CENTER CONDUCTOR TO RF OUT JACK
PIN A	SMALL BLUE WIRE TO ANTENNA RELAY JACK OR TO SK-220 UNIT
PIN B	RED WIRE JUMPER TO PIN 2

SB-220 REPLACEMENT RELAY CONTACT/WIRING DIAGRAM (VIEWED FROM BACK CONTACTS OF RELAYS)

ALTERNATE WIRING OF ORIGINAL RELAY

SB-220 OLD RELAY

SB-220 NEW RELAY



CONTACT CROSS-MATCHING (NEW = OLD)

1 = 1 2 = 2 3 = 3 4 = 4

5 = 5 6 = 6 7 = 7 8 = 8 9 = 9

A = 10 (COIL) B = 11 (COIL)

NEW RELAY PINOUT

- PIN 1 LARGE BARE WIRE TO PIN 2
- PIN 2 LARGE BARE WIRE TO PIN 1
- PIN 3 ONE END OF 100KΩ RESISTOR & SMALL RED WIRE FROM 120VDC SUPPLY & SMALL RED JUMPER WIRE TO PIN B
- PIN 4 SMALL COAX CENTER CONDUCTOR TO TUNED INPUT
- PIN 5 LARGE BARE WIRE TO TANK CIRCUIT
- PIN 6 LARGE BLACK WIRE TO RECTIFIER/METERING BOARD
- PIN 7 SMALL COAX CENTER CONDUCTOR TO RF INPUT JACK
- PIN 8 LARGE COAX CENTER CONDUCTOR TO RF OUT JACK
- PIN 9 OTHER END OF 100KΩ RESISTOR AND GREEN/YELLOW WIRE TO CENTER TAP OF FILAMENT TRANSFORMER
- PIN A SMALL BLUE WIRE TO ANTENNA RELAY JACK OR TO SK-220 UNIT
- PIN B RED WIRE JUMPER TO PIN 3