

# Manual Supplement

Manual Title:	720A Instruction	Supplement Issue:	6
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This supplement contains information necessary to ensure the accuracy of the above manual. Enter the corrections in the manual if either one of the following conditions exist:

1. The revision letter stamped on the indicated PCA is equal to or higher than that given with each change.
2. No revision letter is indicated at the beginning of the change.

## Errata #1

On page 4-2, paragraph 4-13, replace the last sentence with,

The product recommended for this purpose is Rycon lubricant mixed with tuluol (Rycon is a product of the American Oil Co.).

NOTE: A General Service Bulletin (publication #C0064) related to switch servicing is available at no charge from your nearest Fluke Service Representative.

## Errata #2

On page 5-3, delete both item 1 entries, and change the STOCK NO. and MFG PART NO. for the following:

CHANGE:	812403-208611
TO:	812403-208108
CHANGE:	912403-208595
TO:	912403-208082
CHANGE:	10 2403-208603
TO:	10 2403-208090
CHANGE:	11 2403-208587
TO:	11 2403-208074

## Errata #3

On page 4-18, paragraph 4-27:

Step d,

CHANGE:	"C"
TO:	"B"

Step e,

CHANGE:	(Decade C-9)
TO:	(Decade C-0)

## Errata #4

On page 1-1, paragraph 1-5, replace both the TEMPERATURE COEFFICIENT OF LINEARITY and the SHORT-TERM LINEARITY STABILITY specifications with:

TEMPERATURE COEFFICIENT OF LINEARITY  
+/-0.05 ppm of input/ C maximum at dial settings of 1.1 to 0.1.

SHORT-TERM LINEARITY STABILITY  
Under typical standards laboratory conditions (temperature maintained within +/-1 C) and with an applied voltage of up to 100 volts stability of linearity is +/-0.01 ppm/24 hours and +/-0.1 ppm/30 days.

## Change #1 - 11889

Rev.-D, Front Panel Assembly (720A-4011)

NOTE: The following changes affect the currently shipped putty gray (tan) front panel. The new BRIDGE BALANCE and FUNCTION switch knobs are light tan in color (the old switch knobs were black.)

On page 5-6:

CHANGE: 16|Cover, Cal access|3156-217083|89536|3156-217083|1  
 TO: 16|Cover, Cal access|3156-496273|89536|3156-496273|1

CHANGE: 17|Handle, Chrome-plated brass|2404-101683|15849|1010-13|2  
 TO: 17|Handle, Chrome-plated brass|2404-494963|88245|1063-29|2

CHANGE: 18|Knob, A through G|2405-158949|89536|2405-158949|7  
 TO: 18|Knob, A through G|2405-336099|89536|2405-336099|7

CHANGE: 19|Knob, BRIDGE BALANCE|2405-158956|89536|2405-158956|1  
 TO: 19|Knob, BRIDGE BALANCE|2405-341388|89536|2405-341388|1

CHANGE: 20|Knob, FUNCTION|2405-190249|89536|2405-190249|1  
 TO: 20|Knob, FUNCTION|2405-434183|89536|2405-434183|1

CHANGE: 21|Panel, Front|1406-217042|89536|1406|217042|1  
 TO: 21|Panel, Front|1406-496190|89536|1406-496190|1

## Errata #5

On page 4-2, Figure 4-1:

DELETE: Decade Resistance Standard	4007.6K $\Omega$ , 10,000 ohms
Tegam RS925D	Accuracy of $\pm 20$ ppm

## Errata #6

On page 5-3:

REPLACE: S1|Switch, "A" DECADE, rotary, 3p, 12 pos, 3 sect|....  
 WITH: S1|"A" DECADE Switch Assembly|5110-217364|89536|5110-217364|1

REPLACE: S8|Switch, FUNCTION, 5p, 11 pos, 5 sect|....  
 WITH: S8|FUNCTION Switch Assembly|5110-217414|89536|5110-217414|1

## Errata #7

On page 4-2, paragraph 4-9, add the following note after step c:

*NOTE*

*The 1.1 megohm resistor is for early 845AB's with 10 megohm input resistance and is not necessary for later models. If required, use an ohmmeter to verify input resistance of the 845AB before performing this test.*

## Change #2 - 20709,20710

Rev.-A, Bridge P/C Assembly (720A-4002)

On page 5-12, make the following changes:

CHANGE: R203|Res,var,ww,100 +/-20%,1 1/4w|4702-112797|71450|Type 110|2

TO: R203|Res,var,cer,100 +/-10%,0.5W|381913|89536|381913 |2

CHANGE: R205|Res,var,ww,100 +/-20%,1 1/4w|4702-112797|71450|Type 110|REF

TO: R205|Res,var,cer,100 +/-10%,0.5W|381913|89536|381913 |REF

## Change #3

On page 4-10, Figure 4-8, change the MAX TEST VOLTAGE column,

FROM: 100V

TO: 50V