

# INSTRUCTION MANUAL

MODIFICATION INSERT

## P6042 CABLE REPLACEMENT

Type P6042 -- SN B010100-B104008

This insert has been written to supplement the Instruction Manual for this instrument. The information given in this insert will supersede that given in the manual.

This Insert Material Copyright © 1971 by Tektronix, Inc., Beaverton, Oregon. Printed in the United States of America. All rights reserved. Contents of this insert may not be reproduced in any form without the permission of the copyright owner.

### GENERAL INFORMATION

Cable assembly, PN 175-0431-01, replaces cable assembly, PN 175-0431-00, which is no longer available.

## RECALIBRATION:

Refer to your Instruction Manual and modify the calibration procedure as shown below.

- ( ) Change the title of step 14 on page 6-12 to read:  
     Adjust Compensation Circuits (R102, R18, R24, C100, C106, R100, and R105.
- ( ) Change step 14 part h on page 6-13 to read:  
     h. Change Time/CM to  $.1\mu\text{s}$ . Adjust C100, C106, R100, and R105 for best leading edge and square corner on waveform.

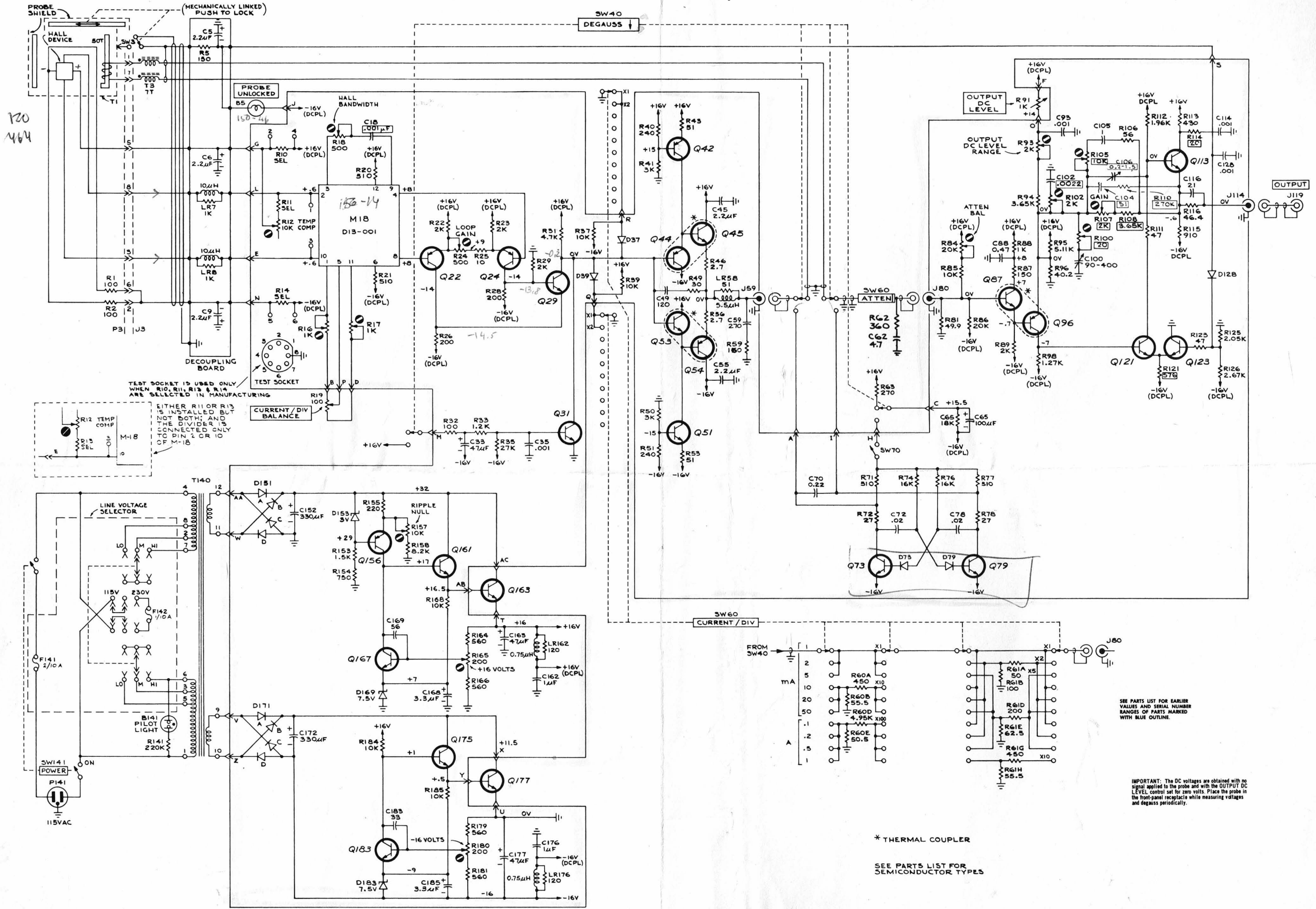
## ELECTRICAL PARTS LIST

Ckt.No.	Part Number	Description			
CAPACITORS					
C18	283-0078-00	.001 $\mu\text{F}$	Cer.	500V	
C62	281-0618-00	4.7pF	Cer.	200V	
C106	281-0095-00	.2-1.5pF	TEFLON <sup>®</sup>	750V	
RESISTORS					
R59	317-0151-00	150 $\Omega$	1/8W	5%	
R62	317-0361-00	360 $\Omega$	1/8W	5%	

## MECHANICAL PARTS LIST

Change 175-0431-00 to 175-0431-01 Probe Cable Assembly.

TEFLON, Reg. TM of The DuPont Co.



120  
144

TEST SOCKET IS USED ONLY WHEN R10, R11, R12 & R14 ARE SELECTED IN MANUFACTURING

EITHER R11 OR R13 IS NOT INSTALLED BUT NOT BOTH; AND THE DIVIDER IS CONNECTED ONLY TO PIN 2 OR 10 OF M-18

SEE PARTS LIST FOR EARLIER VALUES AND SERIAL NUMBER RANGES OF PARTS MARKED WITH BLUE OUTLINE.

IMPORTANT: The DC voltages are obtained with no signal applied to the probe and with the OUTPUT DC LEVEL control set for zero volts. Place the probe in the front-panel receptacle while measuring voltages and degauss periodically.

\* THERMAL COUPLER

SEE PARTS LIST FOR SEMICONDUCTOR TYPES