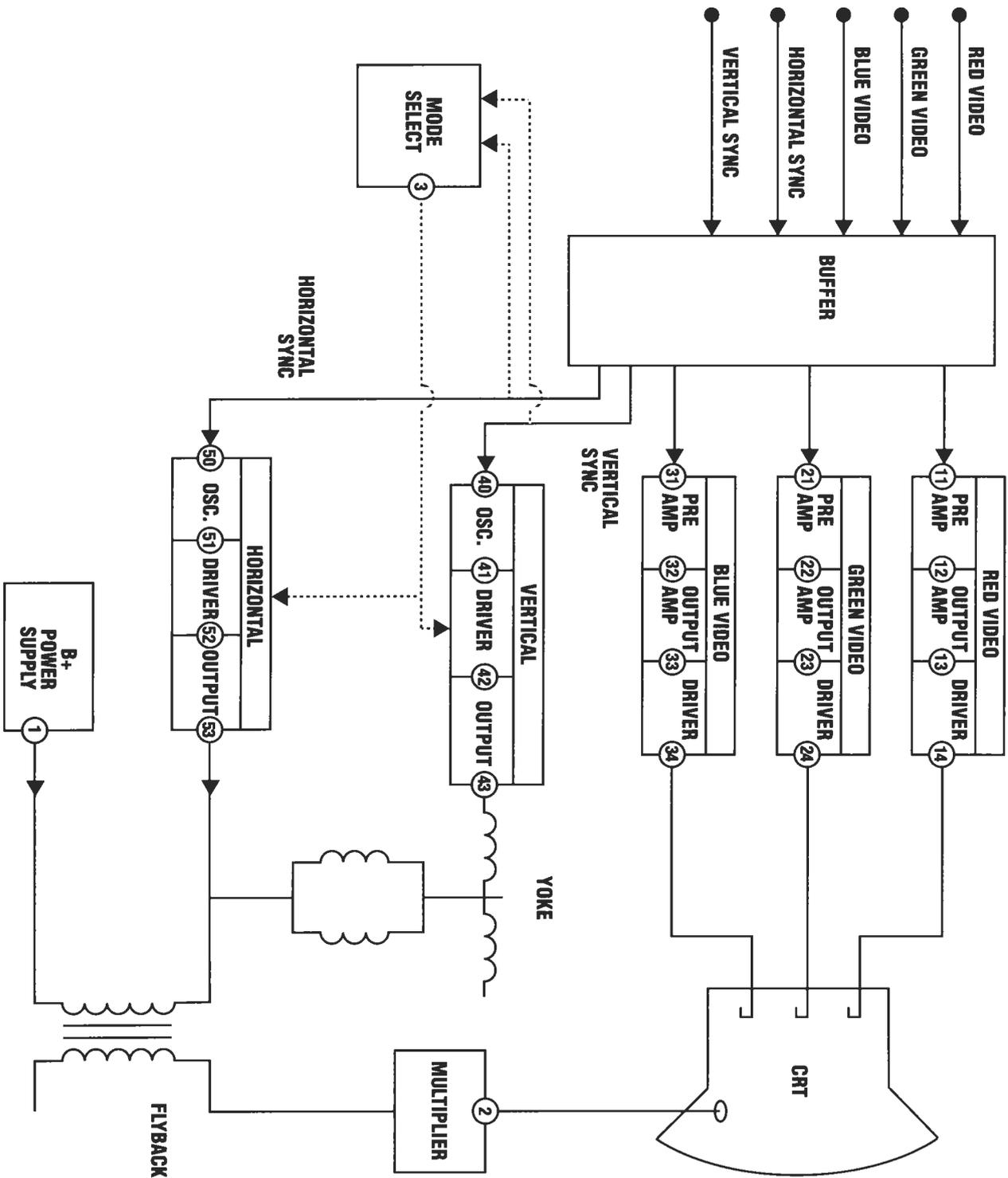


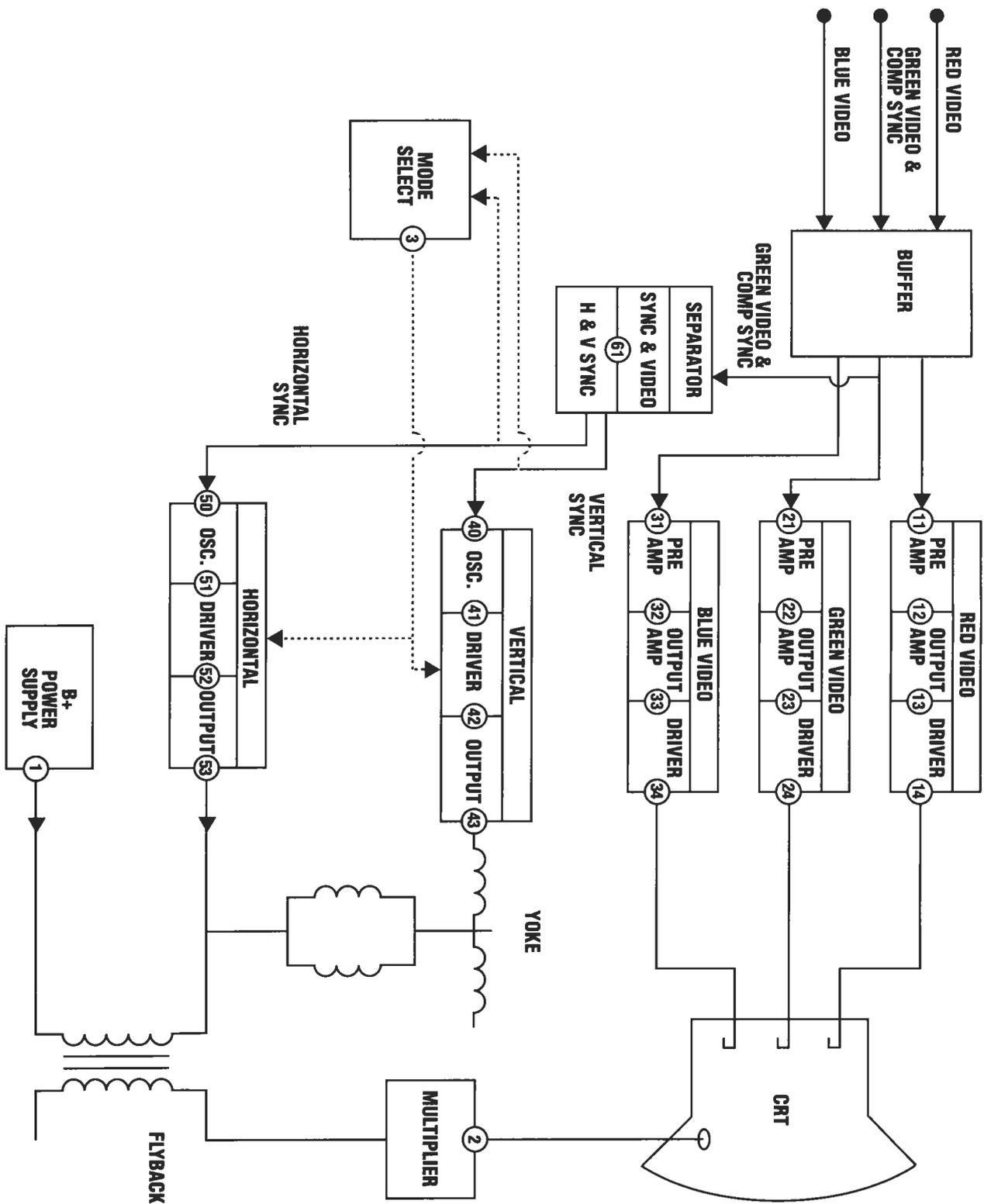
CM2125 Connector Chart	
Connector	Computer Monitor Type
1	CGA, MDA, Hercules
2	EGA
3	PGC
4	VGA, PS/2, SVGA, XGA
5 & 5F*	Apple® or Macintosh®
6	BNC Input
ECL	ECL
Universal	Adapts to match any computer monitor type

*Monitor with male input connection

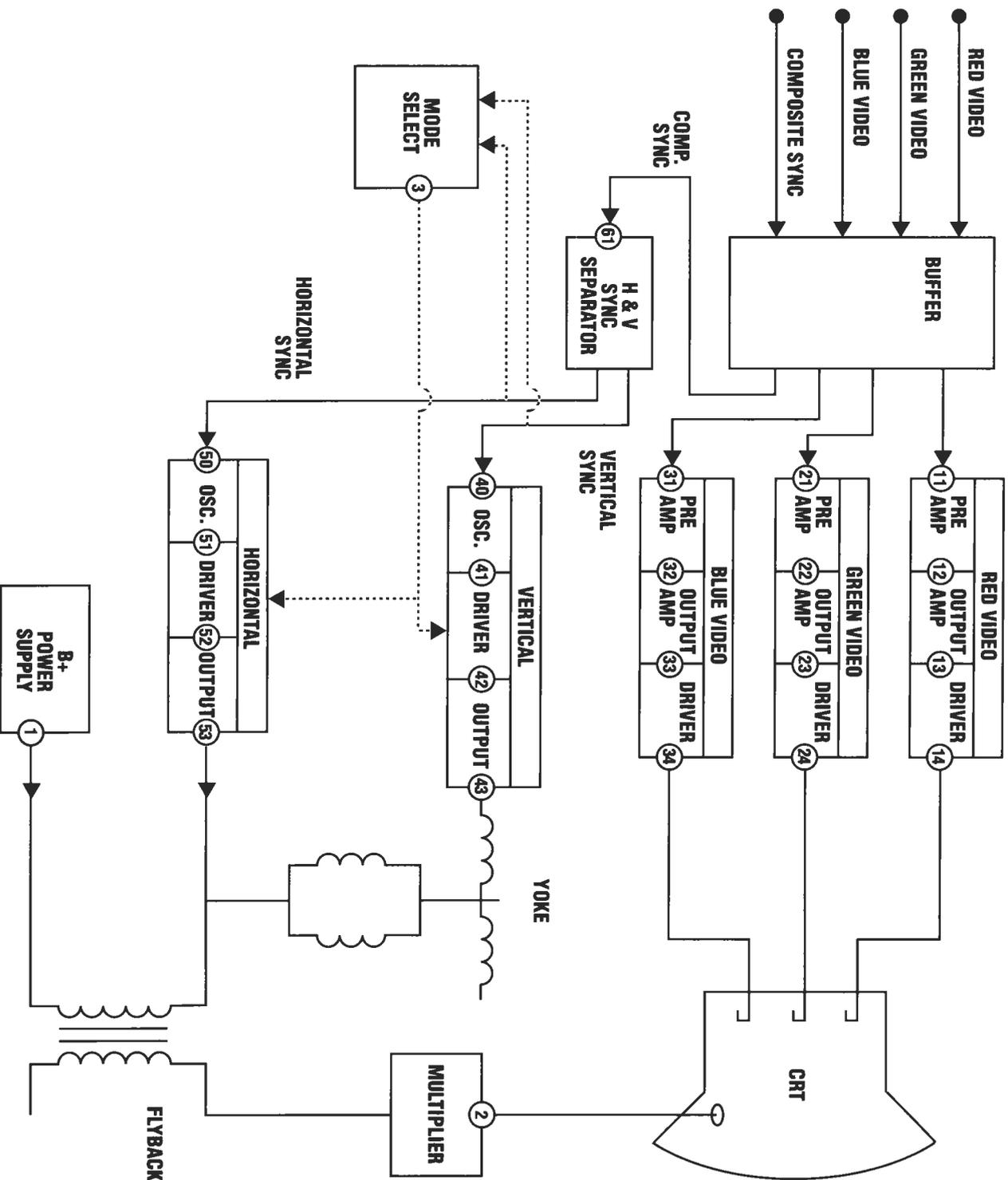
COMPUTER MONITOR BLOCK DIAGRAM (SEPARATE HORIZONTAL & VERTICAL SYNC LINES)



COMPUTER MONITOR BLOCK DIAGRAM (COMPOSITE SYNC ON GREEN)



COMPUTER MONITOR BLOCK DIAGRAM (COMPOSITE SYNC)



CM2125 COMPUTER MONITOR FUNCTIONAL ANALYZING TROUBLESHOOTING GUIDE

Connect CM2125 To Monitor Input
& Note The Symptoms

Reduced Raster Size Or No Deflection		
VERTICAL	BOTH REDUCED	HORIZONTAL

SYMPTOM: REDUCED RASTER SIZE OR NO DEFLECTION

Symptom	REDUCED SIZE
	SINGLE HORIZONTAL LINE

Check Mode Select Circuit TP (3)	
CIRCUIT OUTPUT CHANGES	CIRCUIT OUTPUT DOESN'T CHANGE

Is This A Multiscan Monitor	
YES	NO

Does The Problem Occur At All Frequencies	
NO	YES

Check Mode Select Circuit TP (3)	
CIRCUIT OUTPUT CHANGES	CIRCUIT OUTPUT DOESN'T CHANGE

Check Power Supply Voltage	
Normal	Wrong

Symptom	REDUCED SIZE
	SINGLE VERTICAL LINE

Inject V DRIVE At Vertical Driver Input TP (41)	
DEFLECTION	NO DEFLECTION

Ring Vertical Yoke	
GOOD	BAD

Test Yoke (Both Windings)	
GOOD	BAD

Check High Voltage	
Normal	Low

- Vertical Driver
- Vertical Output
- Yoke Return Path

Vertical Oscillator

Mode Select

Power Supply

Pin Cushion

Yoke

Multiscan Circuits

Mode Select Circuits

High Voltage Circuit Path

See "No Raster" Trouble Tree

See Manual Page 46

See Manual Page 40

See Manual Page 57

See Manual Page 45

See Manual Page 40

See Manual Page 40

See Manual Page 45

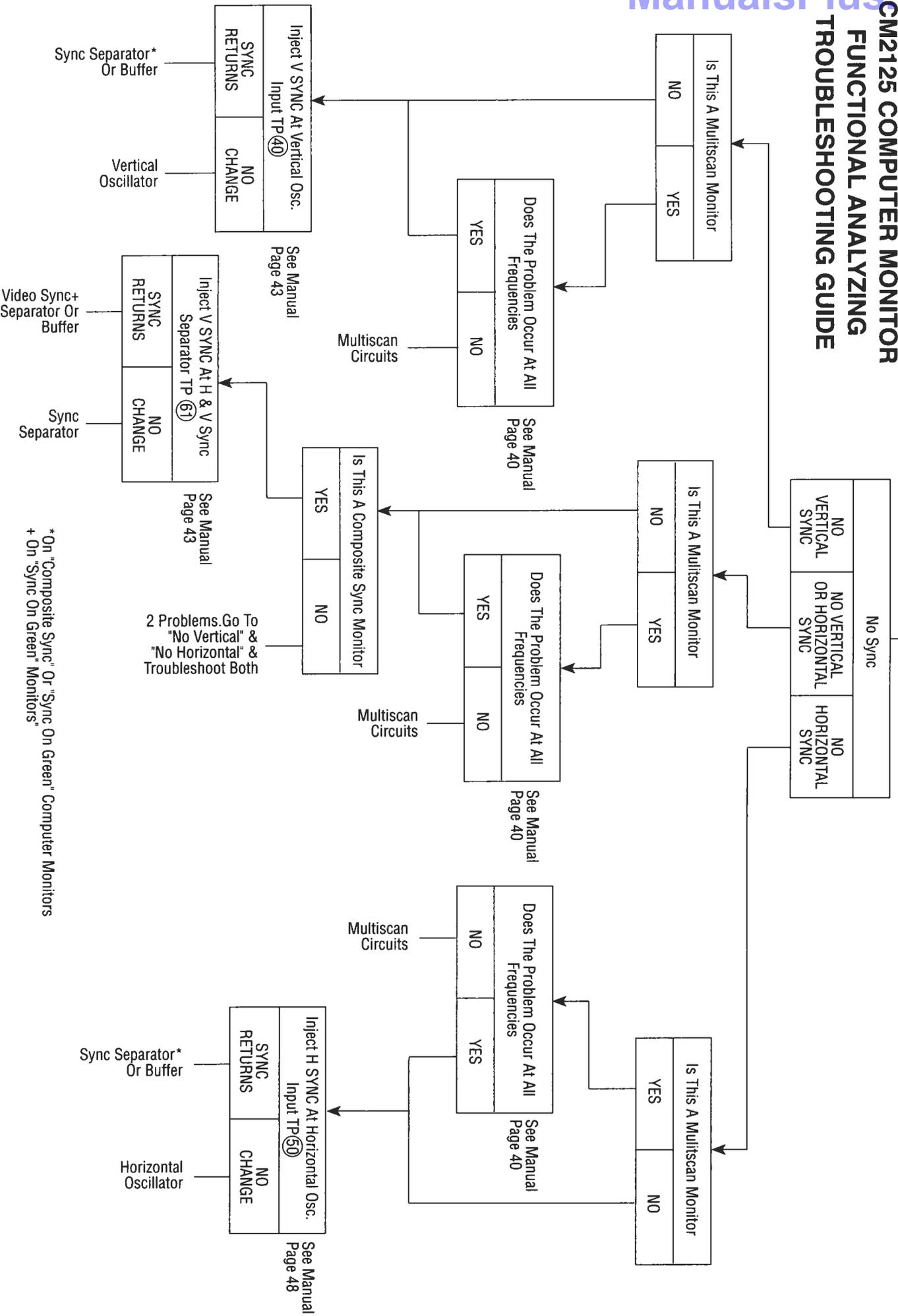
See Manual Page 46

See Manual Page 40

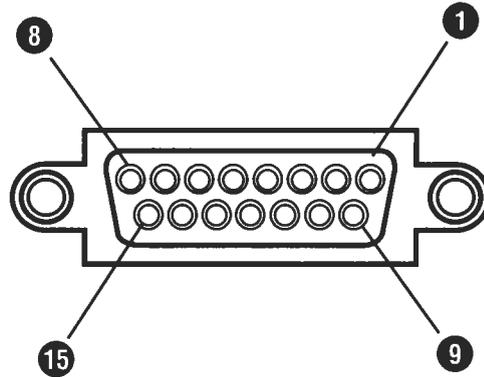
CM2125 COMPUTER MONITOR FUNCTIONAL ANALYZING TROUBLESHOOTING GUIDE

Connect CM2125 To Monitor Input
& Note The Symptoms

SYMPTOM: NO SYNC



CM2125 Sync & Video Output Pin Configuration



PIN #	OUTPUT
1	RED
2	GREEN
3	BLUE
4	INTENSITY
5	INTENSITY
6	H SYNC
7	COMP SYNC
8	GND
9	RED GND
10	GREEN GND
11	BLUE GND
12	INTENSITY
13	GND
14	V SYNC
15	+5 MODE