



SERVICE BULLETIN

Product: NF MONITOR
Model: PG17NS, PG19NS
 SyncMaster 700NF, 900NF

Bulletin No.: MON01-007 (00-C/M-E0021)
Bulletin Date: May 10, 2001
ECN Date: May 10, 2001

SUBJECT: Display Shift or Size Change

Background: The PG17NS and PG19NS may have symptoms of the vertical position changing and horizontal size increasing.

Cause:

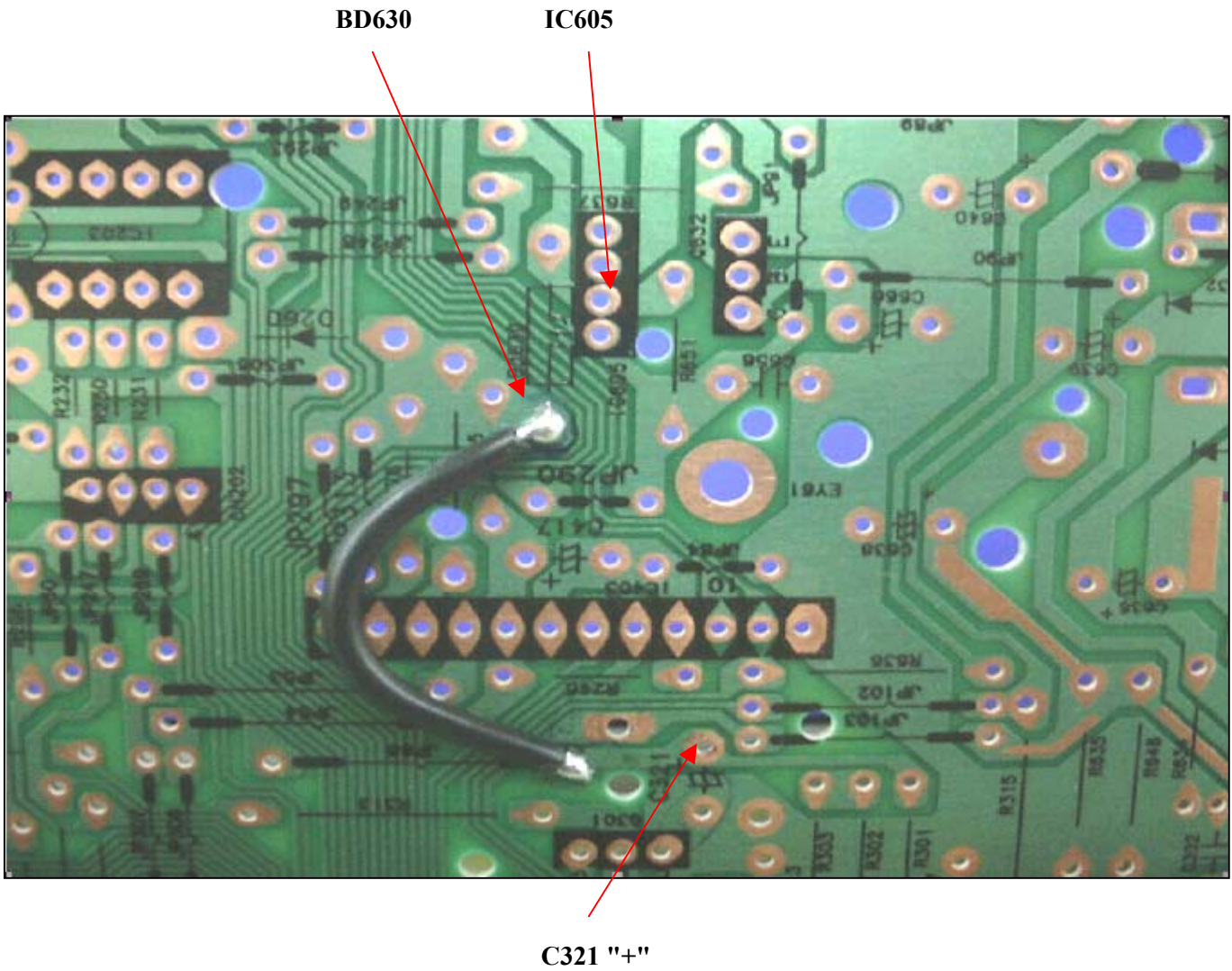
Solution: To correct the vertical position shift, add a jumper wire from BD630 to C321 “+”. Change the value of R301 from 100k ohm to 220k ohm. Remove jumper wire connecting IC261 #13 and JP68.
 To correct the horizontal size increasing symptom, change the type and tolerance on both R286 and R289 from Carbon 5% to Metal 1%.

Application Date: August 24, 2001

ORIGINAL			NEW	
Location No.	Part No.	Description	Part No.	Description
R301	2004-000193	R-METAL, 100k, 1%	2004-000560	R-METAL, 220k, 1%
R286	2001-000395	R-CARBON, 180k, 5%	2004-000398	R-METAL, 180k, 1%
R289	2001-000354	R-CARBON, 150k, 5%	2004-000327	R-METAL, 150k, 1%

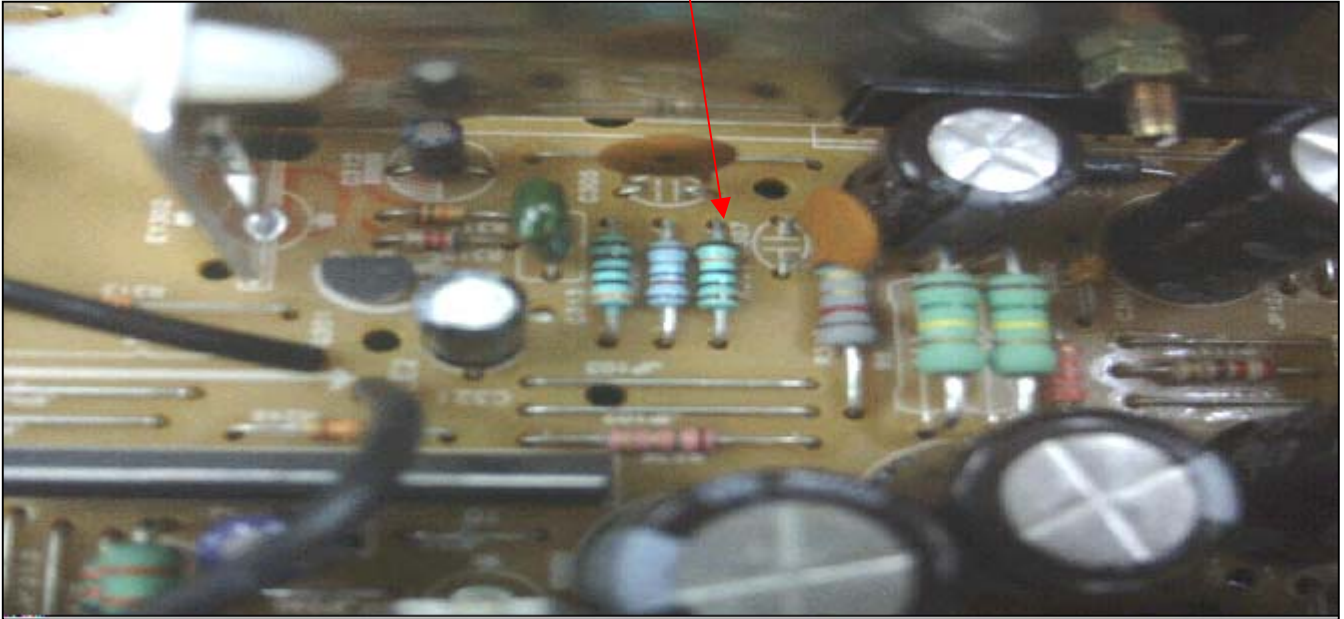
A. Countermeasure for V-position shift

1. Add jump wire on the back side of PCB



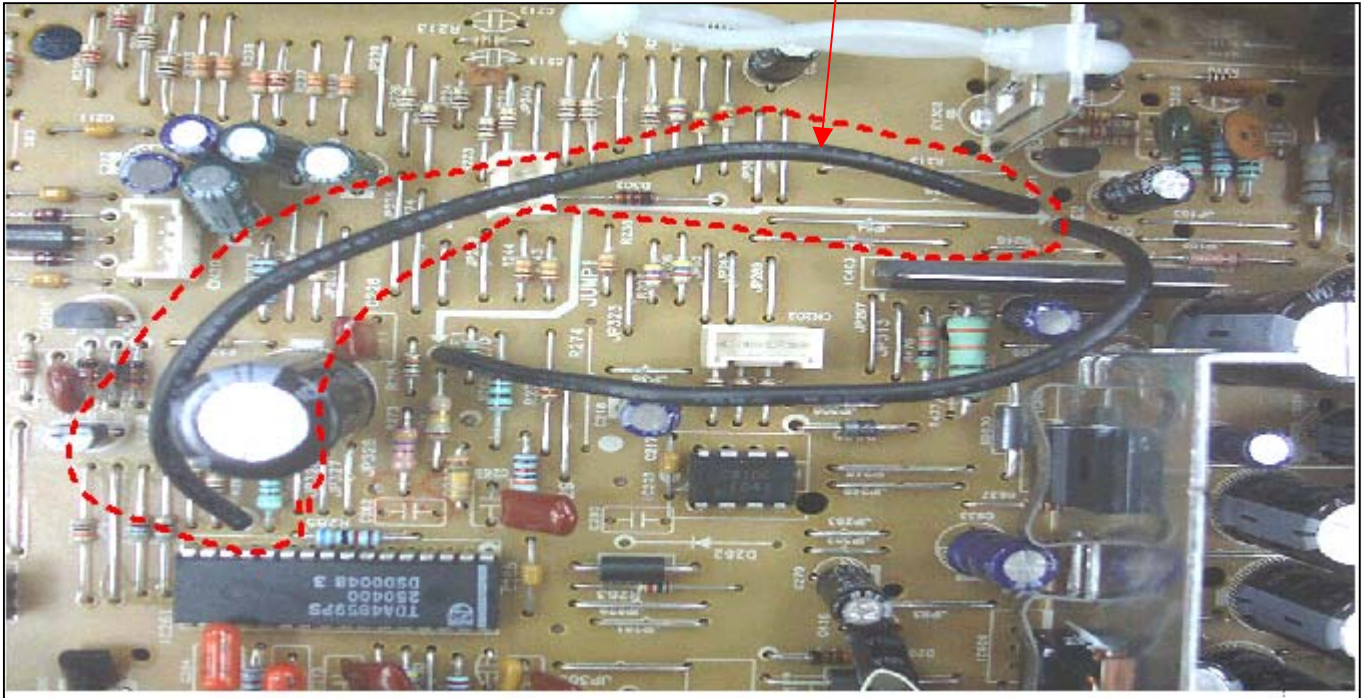
2. Replace R301

R301

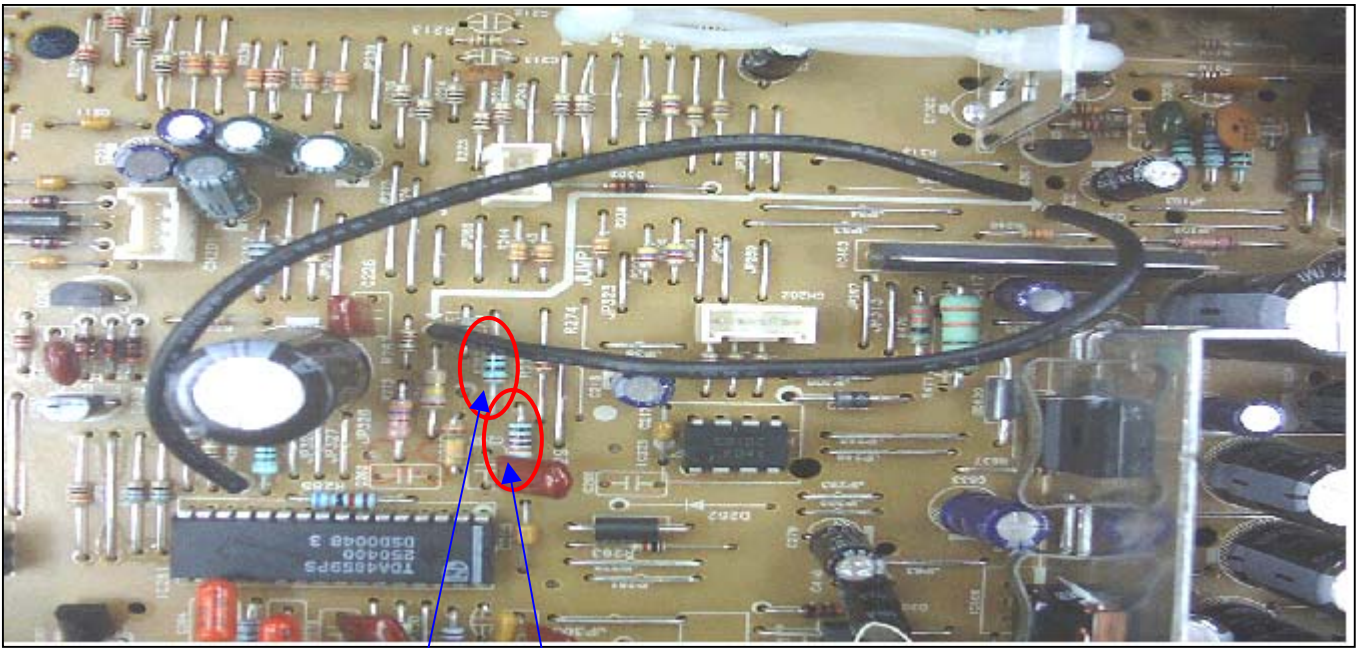


3. Remove jumper wire which connecting IC261 #13(Vref) and JP68

Remove



B. Countermeasure for increasing H-size



R286 **R289**