



Technical Support

TECHNICAL NOTE

Technical Note TN-NSC100 T2020/40 Control Head LED Backlight Modification

15th August 2005

This technical note explains how to modify the T2020/40 Control head so that LED's may be used instead of lamps. The removal of the lamps from behind the display improves the reliability.

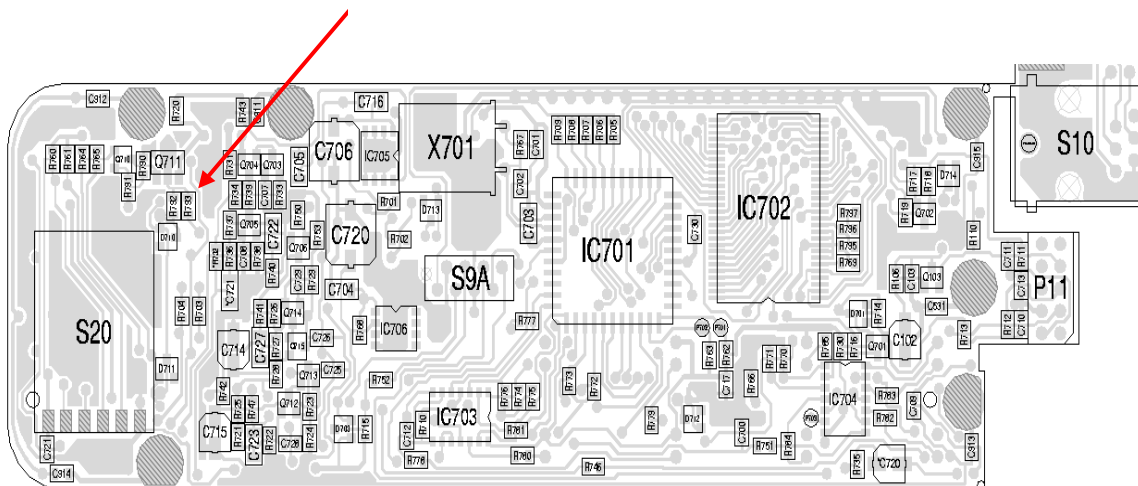
PROCEDURE

1. The values of resistors R792 & R793 need to be changed. Replace R792 & R793 with a 1k2 & 1k ohm resistors respectively, as per below diagram.

Resistor Changes

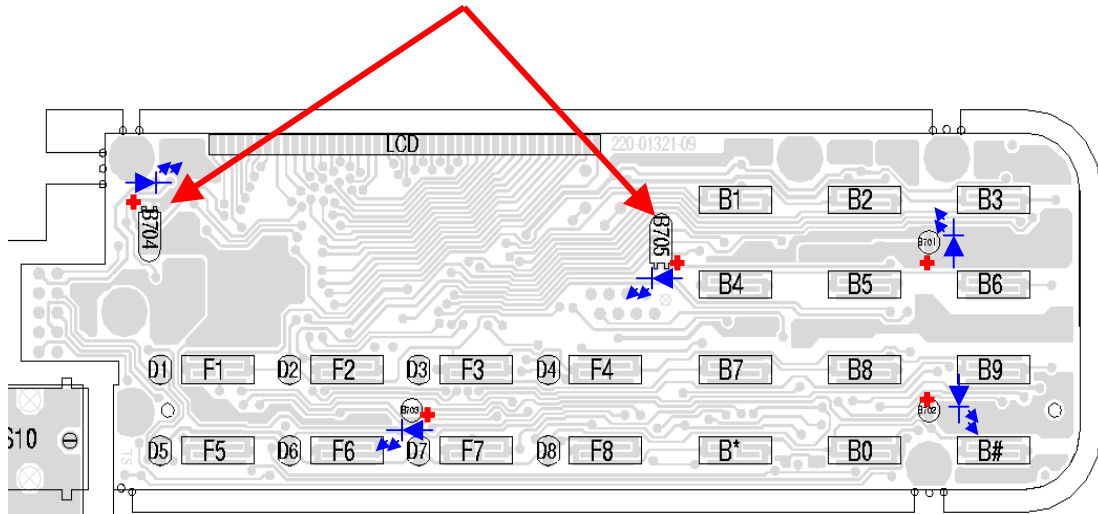
R792 to 1K2 (IPN =036-14120-10)

R793 to 1K (IPN =036-14100-10)

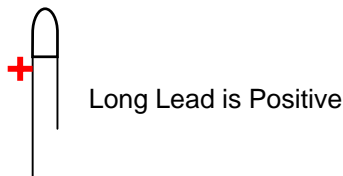


2. Remove the lamps B704 and B705 and fit the two LED's, as per the drawing below.
3. LED's B704 & B705 will need to be folded flat against the board to fit into the cavities of the Lighter Diffuser. The red positive symbol on the diagram indicates the polarity.

B704 and B705 LED IPN = 008-00014-87



Note. The diagram below shows how to determine the polarity of the LED.



If you require any clarification or further information please contact the New Zealand National Support Center on 0800 MOBILE (0800 662453), or the Australian Support Center on 1800 232-600.

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