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## Technical Note TN-631

# Retrofitting of New Charger Pin to Old Charger PCBs

21 August 2000

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### Applicability

This technical note provides the information required to fit the new Charger Pin into old Charger PCBs.

### Explanation

The introduction of the new charger pin has required a new PCB. The IPN for this PCB is **220-01411-07**. PCBs prior to this IPN will have to be modified to fit the new pin.

The reason for the new PCB is the diameter of the new pin is the same as the old outer pin. As the new pin now replaces both the old inner and outer pin, old charger PCBs will have to be modified. This means that to fit the new pin to old PCBs, the inner holes will need to be drilled out to the new pin diameter.

To fit the new pin to old PCBs drill the inner holes out with **2.2mm** (0.086 inch) drill. As these holes are plated through care should be taken to remove any swarf from the PCB to allow correct alignment of the pin. Once fitted the pin only requires soldering on the top side. Existing vias maintain continuity between top and bottom layers after plated through hole has been drilled out.

### NB

- 1 The old inner pin (356-01073-01) is now obsolete. The old outer pin (356-01075-00) will be continued in the TOVK only
- 2 No changes are required to the charger top moulding. The new pin will fit all variations of this moulding.

### Note to CSOs

Please pass this information to all internal sales and technical staff, and to all dealers.

### Issuing authority

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