



# Phase Linear Corporation

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## SERVICE BULLETIN

10-81

### Model 400II/700II (Complimentary)

Subject: Revision of model 700II and 400II from quasi-complimentary to full complimentary output stages.

700IIs beginning with serial number 7A10701 and 400IIs beginning with serial number 4A31658 contain fully complimentary output stages. XPL909s (Delco) and FPL909s (Fairchild) are no longer used. The new amps will have either TP9054 NPN (Motorola MJ15024) and DB15025 PNP (Motorola MJ15025) or 2SD555 NPN and 2SB600 PNP (NEC brand) output transistors. An added advantage to this change is that we now use the same devices for both output and output driver transistors.

The drive PCBs are identical except for the value of R127&128 (56k for the 700II and 82k for the 400II). Refer to the revised wiring diagram below and the enclosed revised schematic.

