

## 6U8 JAN PHILIPS SUBSTITUTION FOR 7199

7199 TUBES ARE NO LONGER IN PRODUCTION, WHICH MEANS THEY WILL BECOME INCREASINGLY MORE DIFFICULT TO FIND AND MORE EXPENSIVE. 6U8 JAN PHILIPS CAN BE SUBSTITUTED FOR THE 7199 AFTER THREE SIMPLE WIRING CHANGES ARE MADE TO THE SOCKET. TRANSPOSE THE FOLLOWING PIN CONNECTIONS TO USE 6U8 JAN PHILIPS IN PLACE OF 7199:

1. REMOVE CONNECTIONS FROM PIN #2. THESE WILL BE MOVED TO PIN #6.
2. REMOVE CONNECTIONS FROM PIN #6. THESE WILL BE MOVED TO PIN #7.
3. REMOVE CONNECTIONS FROM PIN #7. THESE WILL BE MOVED TO PIN #2.
4. MARK THE CHASSIS TO INDICATE THAT 6U8 IS USED IN THE CIRCUIT. A 7199 WILL NO LONGER WORK IN THE CIRCUIT UNLESS THE MODIFICATION IS REVERSED.

IF THE SOCKET IS MOUNTED ON A PRINTED CIRCUIT BOARD, CUT THE APPROPRIATE CIRCUIT TRACES AND USE WIRE JUMPERS TO MAKE THE CORRECT CONNECTIONS.