M880-00 AI

Part A Introduction To Servicing

This part of the manual is divided into the sections listed below. These sections provide some general and advisory information on servicing procedures, and a brief history of PGM800Win programming software.

| Section | | Title | Page |
|---------|-----------------------|--|-------------------|
| 1 | | General | 1.1 |
| | 1.1 | Additional Technical Information | 1.1 |
| | 1.2 | Caution: CMOS Devices | 1.1 |
| | 1.3 | Caution: Aerial Load | 1.2 |
| | 1.4 | Caution: Beryllium Oxide & Power Transistors | 1.2 |
| 2 | | Mechanical | 2.1 |
| | 2.1 | Torx Recess Head Screws | 2.1 |
| | 2.2 | Pozidriv & Philips Recess Head Screws | 2.2 |
| | 2.3 2.3.1 2.3.2 | Disassembly/Reassembly Receivers/Transmitters Power Amplifiers | 2.3 2.3 2.3 |
| | 2.4 | Cover Screw Torques | 2.4 |
| | 2.5 | Chassis & Cover Compatibility | 2.5 |
| 3 | | Component Replacement | 3.1 |
| | 3.1 3.1.1 3.1.2 | Leaded Components Desoldering Iron Method Component Cutting Method | 3.1 3.1 3.1 |
| | 3.2 | Surface Mount Devices | 3.2 |
| | 3.3 | Cased Mica Capacitors | 3.2 |
| 4 | | Software History | 4.1 |
| | 4.1 | PGM800Win V1.0 | 4.1 |
| | 4.2 | PGM800Win V2.00 | 4.1 |

| Figure | Title | Page |
|--------|---|------|
| 1.1 | Typical Product Code & Serial Number Labels | 1.1 |
| 1.2 | Typical Anti-static Bench Set-up | 1.2 |
| 2.1 | Torx Screw Identification | 2.1 |
| 2.2 | Pozidriv & Philips Screw & Screwdriver Identification | 2.2 |
| 2.3 | Receiver/Transmitter Cover Screw Tightening Order | 2.4 |
| 2.4 | Identification Of New-Design Chassis & Covers | 2.5 |

Copyright TEL 29/09/00

All M880-00

29/09/00 Copyright TEL