

37743A-01A

S E R V I C E N O T E

SUPERSEDES: 37743A-01

HP 37743A DS3 Test Set

Serial Numbers: 3206U00147 / 3206U00195

Modification to correct incorrectly loaded capacitor on the transmitter board

Note:

The following units are already modified:

3206U00158, 174, 176/179, 182/195.

Situation:

C56 has been incorrectly loaded on the transmitter board and should be replaced on servicing with HP p/n 0180-0648, 0.1uf 35V. The artwork on the board indicating the polarity of this capacitor is wrong. After taking appropriate static precautions, carry out the following steps.

1. Remove rear rubber bumpers.
2. Remove screw from rear center of the outside cover.
3. Remove feet.
4. Remove the outside cover by sliding it back from the rear of the instrument.
5. Remove the fiberglass board retaining brackets.
6. Remove the transmitter board, 3rd from the rear of the instrument.

Continued

DATE: 14 May 1993

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR: 0.5 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> HP LOCATION	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: GS	ENTITY: 1400	RESPONSIBLE UNTIL : 01 January 1994	
		ADDITIONAL INFORMATION:	

7. Locate C56, located on lower left hand side viewed from the component side of the board.
8. If the capacitor is installed with its positive end connected to the square pad on the PC board, then it should be replaced connecting it in reverse polarity.
9. If the capacitor has been replaced already, take no further action.
10. Re-insert the transmitter board, taking great care to align the connectors with those on the motherboard.
11. Re-assemble the instrument using the reverse procedure.
12. Power up the instrument and ensure that the self-test is carried out successfully.