SONY. SERVICE MANUAL

US Model Canadian Model AEP Model UK Model E Model Tourist Model

SUPPLEMENT-2

File this supplement with the service manual.

Subject : Supplied parts deleted

Change made to CORRECTION-1 adjustment

: Indicates corrected portion

75 73
10
72
3 7-80
5

SECTION 5 ELECTRICAL ADJUSTMENTS (CORRECTION-1)

: Indicates corrected portion

Page	INCORRECT	CORRECT
	1-5. Adjustment of tracking error 1-5-1. Up to last digit—12 of main board	1-5. Adjustment of tracking error 1-5-1. Up to last digit—12 of main board
	MAIN Board TP106 TP101 O-O-O-	MAIN Board TP106 0 0-10-
,	1. Activate MO-PIT, EFM-CLV mode(Table 2 - b).	1. Activate MO-PIT, EFM-CLV mode(Table 2 - b).
6 Correction-1)	2. Load an MO disc and optical pickup moves to the most	2. Load an MO disc and optical pickup moves to the most
	inside track, then press the PLAY key.	inside track, then press the PLAY key.
	3. Connect an oscilloscope to TP106, and adjust RV504	3. Connect an oscilloscope to TP106, and adjust RV504
	so that a waveform at TP106 is vertically	so that a waveform at TP106 is vertically
	symmetric(noise measures).	symmetric(noise measures).
	4. Press the STOP key and optical pickup moves to	4. Press the STOP key and optical pickup moves to
	middle track(Groove area).	middle track(Groove area).
	5. With MO-GRV, ADIP-GRV mode (Table 2 - d).	5. With MO-GRV, ADIP-GRV mode (Table 2 - d).
	press PLAY key for focusing, and press EDIT key to	press PLAY key for focusing, and press EDIT key to
	activate the write power mode("LaserMOW" is	activate the write power mode("LaserMOW" is
	displayed).	displayed).
	At this time, adjust RV501 so that a waveform at TP106	At this time, adjust RV501 so that a waveform at TP106
	is vertically symmetric against VC.	is vertically symmetric against VC.
	6. Repeat steps 1) to 3) for adjustment, then unload the	6. Repeat steps 1 to 5 once more, then press the EDIT key
	disc.	select the Read Power mode ("Laser MO" is displayed
	7. Activate CD-PIT, EFM-CLV mode (Table 2 - a).	and confirm that the center offset from the waveform adjusted in step 5 is within 0.3V. After confirmation,
	(Connect TP520 to GND with a jumper wire)	unload the disc.
	8. In the STOP status, adjust RV503 so that the voltage at	*If the center offset is over 0.3V, the OP is defective.
	TP106 is VC±50mV.	7. Activate CD-PIT, EFM-CLV mode (Table 2 - a).
	 Load a CD disc, and press PLAY key and adjust RV502 so that a waveform at TP106 is vertically symmetried 	(Connect TP520 to GND with a jumper wire)
		8. In the STOP status, adjust RV503 so that the voltage at
	against VC. 10. Remove a jumper wire between TP520 and GND.	TP106 is VC±50mV.
	10. Remove a jumper with between 11 320 and 67 B.	9. Load a CD disc, and press PLAY key and adjust RV502
		so that a waveform at TP106 is vertically symmetried
		against VC.
		10. Remove a jumper wire between TP520 and GND.

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