

SONY SERVICE MANUAL

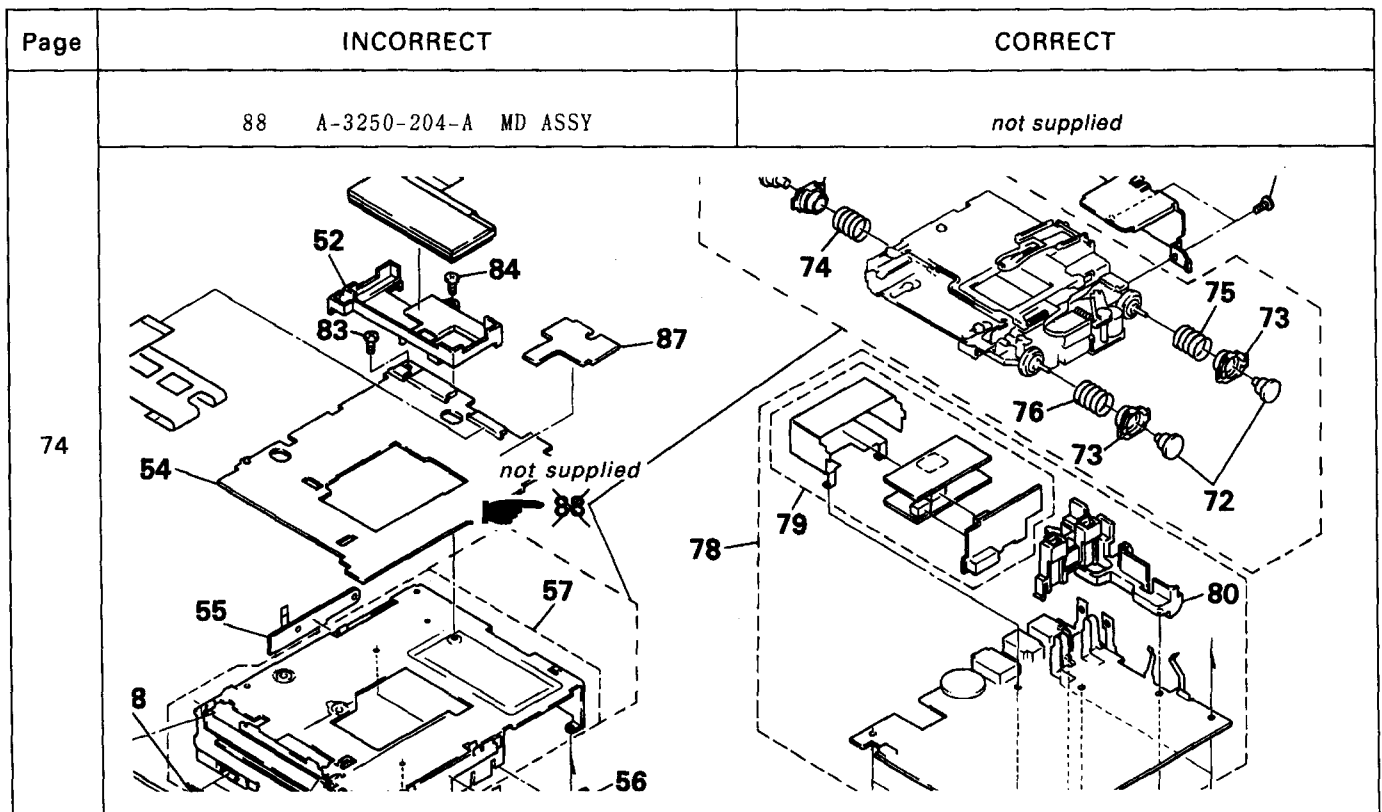
US Model
Canadian Model
AEP Model
UK Model
E Model
Tourist Model

SUPPLEMENT-2

File this supplement with the service manual.

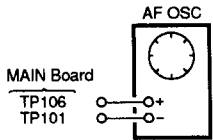
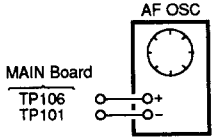
Subject : Supplied parts deleted
Change made to CORRECTION-1 adjustment

 : Indicates corrected portion



SECTION 5 ELECTRICAL ADJUSTMENTS (CORRECTION-1)

: Indicates corrected portion

Page	INCORRECT	CORRECT
6 (CORRECTION-1)	<p>1-5. Adjustment of tracking error 1-5-1. Up to last digit—12 of main board</p> <div style="text-align: center;">  </div> <ol style="list-style-type: none"> 1. Activate MO-PIT, EFM-CLV mode (Table 2 - b). 2. Load an MO disc and optical pickup moves to the most inside track, then press the PLAY key. 3. Connect an oscilloscope to TP106, and adjust RV504 so that a waveform at TP106 is vertically symmetric (noise measures). 4. Press the STOP key and optical pickup moves to middle track (Groove area). 5. With MO-GRV, ADIP-GRV mode (Table 2 - d), press PLAY key for focusing, and press EDIT key to activate the write power mode ("LaserMOW" is displayed). At this time, adjust RV501 so that a waveform at TP106 is vertically symmetric against VC. 6. Repeat steps 1) to 3) for adjustment, then unload the disc. 7. Activate CD-PIT, EFM-CLV mode (Table 2 - a). (Connect TP520 to GND with a jumper wire) 8. In the STOP status, adjust RV503 so that the voltage at TP106 is $VC \pm 50mV$. 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. 	<p>1-5. Adjustment of tracking error 1-5-1. Up to last digit—12 of main board</p> <div style="text-align: center;">  </div> <ol style="list-style-type: none"> 1. Activate MO-PIT, EFM-CLV mode (Table 2 - b). 2. Load an MO disc and optical pickup moves to the most inside track, then press the PLAY key. 3. Connect an oscilloscope to TP106, and adjust RV504 so that a waveform at TP106 is vertically symmetric (noise measures). 4. Press the STOP key and optical pickup moves to middle track (Groove area). 5. With MO-GRV, ADIP-GRV mode (Table 2 - d), press PLAY key for focusing, and press EDIT key to activate the write power mode ("LaserMOW" is displayed). At this time, adjust RV501 so that a waveform at TP106 is vertically symmetric against VC. 6. Repeat steps 1 to 5 once more, then press the EDIT key to select the Read Power mode ("Laser MO" is displayed) and confirm that the center offset from the waveform adjusted in step 5 is within 0.3V. After confirmation, unload the disc. * If the center offset is over 0.3V, the OP is defective. 7. Activate CD-PIT, EFM-CLV mode (Table 2 - a). (Connect TP520 to GND with a jumper wire) 8. In the STOP status, adjust RV503 so that the voltage at TP106 is $VC \pm 50mV$. 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.