

## SONY SERVICE MANUAL

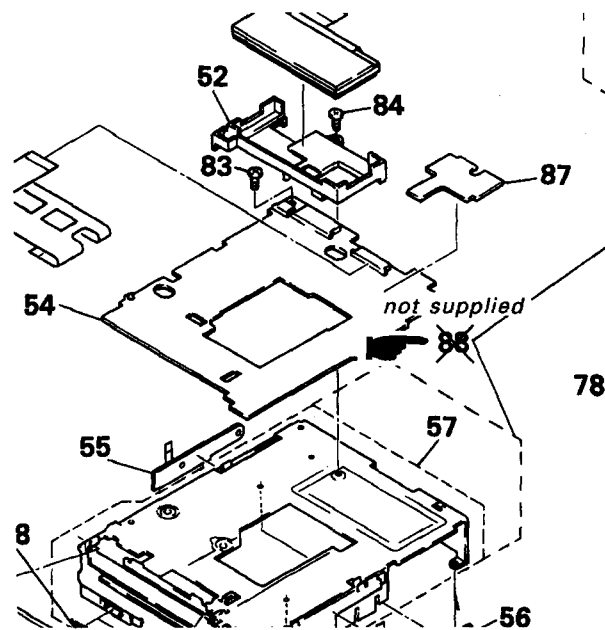
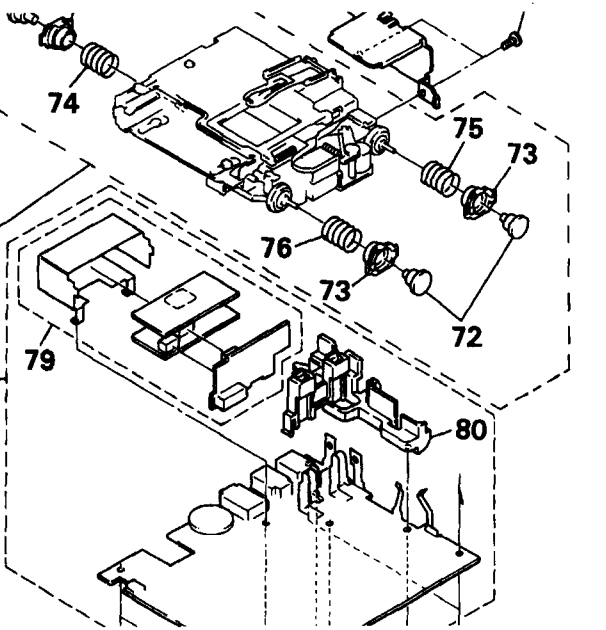
US Model  
Canadian Model  
AEP Model  
UK Model  
E Model  
Tourist Model

### SUPPLEMENT-2

File this supplement with the service manual.

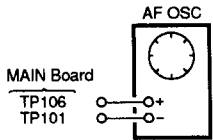
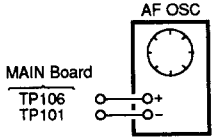
**Subject : Supplied parts deleted**  
**Change made to CORRECTION-1 adjustment**

 : Indicates corrected portion

Page	INCORRECT	CORRECT
74	88 A-3250-204-A MD ASSY	not supplied
74		

## 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"> <li>1. Activate MO-PIT, EFM-CLV mode (Table 2 - b).</li> <li>2. Load an MO disc and optical pickup moves to the most inside track, then press the PLAY key.</li> <li>3. Connect an oscilloscope to TP106, and adjust RV504 so that a waveform at TP106 is vertically symmetric (noise measures).</li> <li>4. Press the STOP key and optical pickup moves to middle track (Groove area).</li> <li>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.</li> <li>6. Repeat steps 1) to 3) for adjustment, then unload the disc.</li> <li>7. Activate CD-PIT, EFM-CLV mode (Table 2 - a). (Connect TP520 to GND with a jumper wire)</li> <li>8. In the STOP status, adjust RV503 so that the voltage at TP106 is <math>VC \pm 50mV</math>.</li> <li>9. Load a CD disc, and press PLAY key and adjust RV502 so that a waveform at TP106 is vertically symmetried against VC.</li> <li>10. Remove a jumper wire between TP520 and GND.</li> </ol>	<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"> <li>1. Activate MO-PIT, EFM-CLV mode (Table 2 - b).</li> <li>2. Load an MO disc and optical pickup moves to the most inside track, then press the PLAY key.</li> <li>3. Connect an oscilloscope to TP106, and adjust RV504 so that a waveform at TP106 is vertically symmetric (noise measures).</li> <li>4. Press the STOP key and optical pickup moves to middle track (Groove area).</li> <li>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.</li> <li>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. <b>* If the center offset is over 0.3V, the OP is defective.</b></li> <li>7. Activate CD-PIT, EFM-CLV mode (Table 2 - a). (Connect TP520 to GND with a jumper wire)</li> <li>8. In the STOP status, adjust RV503 so that the voltage at TP106 is <math>VC \pm 50mV</math>.</li> <li>9. Load a CD disc, and press PLAY key and adjust RV502 so that a waveform at TP106 is vertically symmetried against VC.</li> <li>10. Remove a jumper wire between TP520 and GND.</li> </ol>