

Service Information



NAKAMICHI

Model Nakamichi 550 (2 Head Cassette System)
Serial No. from 3671371

No. NR-0015 (1/2)
Date 25 October, 1977

Subject Modification of Idler Pulley Ass'y

I. General:

A. Purpose:

To improve the Idler Arm of Idler Pulley Ass'y changing its material from plastic used for the current types to zinc die casting. This improvement makes it possible to prevent mechanical noise generation, aggravation wow/flutter and the shaft hole from being scratched after the long time use.

B. Compatibility:

Interchangeability is retained between the current and new types.

C. Modification:

Removed Parts:

Part No. CA03150C Idler Pulley Ass'y 1 pce.
OC03718A Earth Spring C 1 pce.

Replaced Part:

Part No. CA03301B Idler Pulley Ass'y 1 pce.

II. Modification Procedures for the Current Models:

A. Part to be required:

Part No. CA03301B Idler Pulley Ass'y 1 pce.

B. Modification Procedures:

Refer to Service Manual on pages 1 and 23.

1. Disassemble the Bottom Case and Upper Case by removing twelve screws.
2. Remove the two upper screws from the Rear Panel.
3. Disassemble the Deck Panel by removing four screws.
4. Disassemble the Dolby N.R. P.C.B. by removing a screw fixing the P.C.B. to the mechanism.
5. Disassemble the Mechanism Ass'y by removing four screws and two connectors.
6. Remove the Shield Plate by removing screws.
7. Remove the Earth Spring C from the Belt Guide.

8. Disassemble the E-ring fixing the Idler Pulley Ass'y, then remove the Idler Pulley Ass'y (together with Earth Spring C) and replace with the new one.
9. Assemble the E-ring fixing the Idler Pulley Ass'y.
10. Put the Drive Belt on the Idler Pulley.
11. Supply +12V DC power to 550.
12. Check to ensure that the belt driving is accurate.
13. Assemble the Shield Plate.
14. Assemble the Mechanism Ass'y with four screws.
15. Check to ensure that the wow/flutter and tape speed are in the specified ranges.
16. Assemble the Dolby N.R. P.C.B.
17. Assemble the Deck Panel with four screws.
18. Assemble the Rear Panel by fastening two upper screws.
19. Assemble the Bottom Case and Upper Case with twelve screws.