

Service Information



NAKAMICHI

Model Nakamichi 250 (2 Head Cassette System)
Serial No. from 3206101

No. NR-0018 (1/2)
Date 26 September, 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 Fig. 9.5 on page 23.

1. Disassemble the Top Cover and Bottom Cover by removing four screws and two Side Covers.
2. Disassemble the Front Cabinet Ass'y by removing four screws and three VR knobs.
3. Disassemble the Mechanism Ass'y by removing four screws and three connectors.
4. Disassemble the Shield Plate by removing screws.
5. Remove the E-ring fixed to the Idler Pulley Ass'y.

6. Disassemble the Earth Spring C from the Belt Guide, then remove the Idler Pulley Ass'y (together with the Earth Spring C) and replace with the new Idler Pulley Ass'y.
7. Assemble the E-ring fixing the Idler Pulley Ass'y.
8. Put the Drive Belt on the Idler Pulley.
9. Supply +12V DC power by plugging an external connector in 250.
10. Check to ensure that the belt driving is accurate.
11. Assemble the Shield Plate.
12. Assemble the Mechanism Ass'y with four screws.
13. Check to ensure that the wow/flutter and tape speed are in the specified ranges.
14. Assemble the Front Cabinet Ass'y with four screws, then assemble the VR knobs.
15. Assemble the Top Cover, Bottom Cover and Side Covers with four screws.