

Aiwa F770 cassette from 1985

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According to the internet a respected deck in its day.

Had to deal with the slip clutch buried in the mechanism. Photoed before disassembly just in case. Reassembled and the 2 pinch wheels were fighting one another. A strange pair of springs one acting against the other for the "reverse" pinch wheel assembly. I must have put one of these springs back with wrong anchor position. Correcting that and its playing and FF and REW ok.

These units are called 4 head, 4 pairs of screened stereo wires going to the head but all seem to relate half the tape. So one question is why 2 pinch wheels when there seems to be no proper "reverse" side play or loop control function as a fixed head.

Repeat sends back to replay the same side.

The "reverse" pinchwheel seems to operate only just clear of the reverse capstan spindle and has a strange guide that protrudes around the pinchwheel and into the recess of the cassette – what is the function of that protrusion and a non pinching pinch wheel ?

What do the 4 stereo heads do ?

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