

## Re: Aiwa F770 cassette from 1985

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*Source:* <http://sci.tech--archive.net/Archive/sci.electronics.repair/2007-03/msg00340.html>

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- *From:* "Dave" <[no@xxxxxxxx](mailto:no@xxxxxxxx)>
  - *Date:* Tue, 06 Mar 2007 18:11:54 GMT
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"N Cook" <[diverse8@xxxxxxxx](mailto:diverse8@xxxxxxxx)> wrote in message  
[news:esk4bk\\$76s\\$1@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:esk4bk$76s$1@xxxxxxxxxxxxxxxxxxxxxxxx)

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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Diverse Devices, Southampton, England

Re: Aiwa F770 cassette from 1985

electronic hints and repair briefs , schematics/manuals list on  
<http://home.graffiti.net/diverse:graffiti.net/>

I think its an ADF 770. Could it be a 3 head model?

one that can replay the tape while it is being recorded ?

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