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400MB HDA Service Module (661-1636): Configuration Issues

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TOPIC -----

I received a 400MB HDA Service Module (part number 661-1636) from Apple Service without a Macintosh Quadra 700 spacer and without any Termination Resistor Packs installed.

I'm using this drive in a Macintosh Quadra 700:

- Should I order the spacer or use the spacer already in the Macintosh?
- Should I order the Termination Resistor Packs or use the Termination Resistor Packs from the defective 400MB HDA?

Also, there seems to be jumper settings on the side of the drive (under the bracket) to allow the drive to be used in different termination environments. What are the correct settings for the Macintosh Quadra 700 and 900?

DISCUSSION -----

The 400MB HDA Service Module (661-1636) should ship from Apple Service with:

- Quadra 700 Carrier Spacer
- Three Termination Resistor Packs
- Pins 5, 7, and 8 jumpered on connector J6 (located on the side of the drive mechanism)

A few of the early 400MB HDA Service Module shipments may have one or more of these items missing.

If a Service Provider or Apple Representative receives an HDA module incorrectly configured, use these guidelines:

- For HDA modules shipped without the Termination Resistor Packs installed, remove the Termination Resistor Packs from the defective HDA and install them in the replacement module.

- For HDA modules shipped without the Macintosh Quadra 700 Carrier Spacer attached to the drive mechanism that will be used in a Macintosh Quadra 700, remove the drive carrier spacer from the defective drive and install it on the replacement module.
- For HDA modules shipped without pin 8 jumpered on connector J6, use this chart to ensure that your 400MB drive is jumpered correctly.

| | Term. Res. Packs | Spacer | Connector J6 |
|------------|------------------|---------------|-----------------------|
| Quadra 700 | Installed | Installed | Jumpers on Pins 5 & 8 |
| Quadra 900 | Not Installed | Not Installed | Jumpers on Pins 5 & 7 |

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