



Frequently Asked Questions

33

16 March 2007

Model	Question	Solution
TM8200	My workshop test head does not work on some of my customers radio bodies.	<p>This is normally caused by the head and body having different firmware versions. If you wish to change the head to match the body, then the following procedure should be followed.</p> <p>Firstly it is necessary to determine the firmware version in the body. This may be done by fitting a TM8110 or TM8115 head to the body and doing an interrogation of the radio. This is the button between the READ and the WRITE buttons in the programming software.</p> <p>Once the body firmware is known, it is a simple matter to change the head firmware to match.</p> <p>Re-connect the TM8200 head, but leave the power switched off. Then in the programming software, select TOOLS, then, DOWNLOAD & navigate to where you have saved the firmware and <u>select all</u> files that start QC. There may be 1, 2 or 3, depending upon the firmware version being used.</p> <p>Now is the tricky bit. Click the OPEN button in the download window and switch on. This must be done within a short window of opportunity, before the radio has tried to boot and found that it has a firmware mismatch. If this process does not start the download process, try again. It is just a matter of timing. This method will not affect the calibration file, as this is held in the body and only the head is being addressed. Once the head and body are talking, it is wise to read the calibration file and save this to disk. They are saved by serial number, but this can be changed if required.</p> <p>If you read the customers file from the radio, you will read the part saved in the customers body and what was left in your test head, so it will not be a true customer file. If you have the customers file saved, then it is best to programme the radio with this to allow the radio to be fully tested.</p>