


Engineering Report: AVDALSR085-1

Issue: 1 Date: 30th July 2013

Subject: Procedure for Cylinder Head Modification for CHT
 Sensor Installation

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Issue	Details of Change
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Procedure for Cylinder Head modification, CHT sensor installation

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Figure 3 – CHT End Fitting

9. The CHT sensor with the new ring terminal is installed onto the cylinder with a 3/8" long, 5/32" fine thread screw into the newly tapped hole.
10. It is recommended at this point to test the thermocouple: the easiest way is usually to place the terminal in a mug of water which has just boiled: depending on the purity of the water, the altitude etc. the instrument should read over 90°C (194°F). The reading should be steady.
11. The lead is arranged to arrive at the terminal directly between each spark plug such that removal of either spark plug is not inhibited by the CHT sensor lead.



Figure 4 – CHT Cable Routing