

Electronics International Inc.

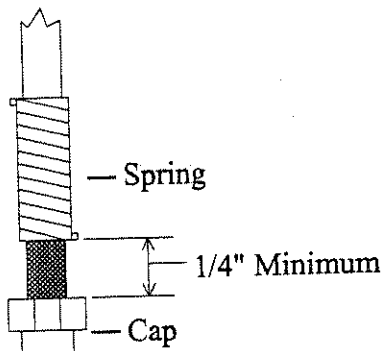
P-111, P-112 and P-114 TIT Probe Depth Adjustment Procedure

0522931

3/28/91

Rev. C 9/25/97

Important Note: This probe can only be adjusted **ONE TIME**. Once the ferrule has been compressed, it cannot be removed. Please read the instructions below very carefully.



1. The probe should extend no less than 3/4" into the exhaust stack and no deeper than 1/2" from touching the opposite wall of the exhaust stack. Also, the spring should be more than 1/4" from touching the cap.

2. Determine the depth of the exhaust probe so there will be no contact with the spring of the probe and so the probe

LEANING TO TURBINE INLET TEMPERATURE

There are some disadvantages to leaning an engine to turbine inlet temperature rather than to an exhaust gas temperature. The turbine inlet temperature (TIT) typically is picked up 24 to 36 inches downstream from the exhaust port. This means the response time for the TIT can be considerably slower than for an exhaust gas temperature (EGT) reading, which normally is picked up 1-1/2 to 2 inches down from the exhaust port. A contributing factor to the slower response time is the distance between the TIT probe and the actual temperature drift of the engine after a