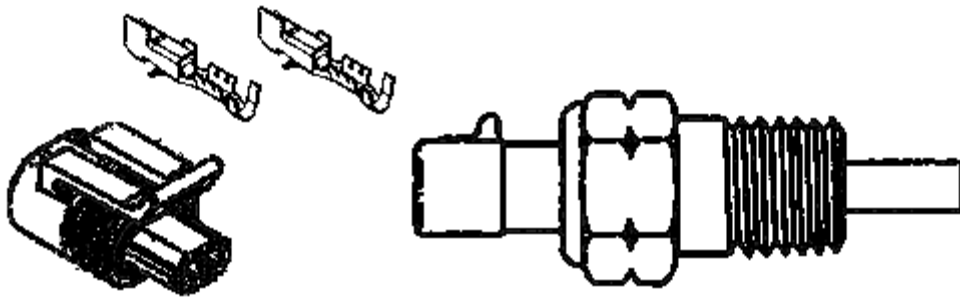




Instruction Manual

P/N 30-2011 Water Temp Sensor

The model **30-2011** Water Temp Sensor kit is specifically designed for fluid temperature measurements in automotive systems. The kit contains One GM style temperature sensor, the mating connector, 2 terminals and a weld in aluminum bung.



Housing Material: Brass with 3/8" NPT Thread (Torque to 25 Ft-Lbs)

Elec. Termination: Integral weatherproof connector, Includes mating connector with 2 terminals.

IMPORTANT!

The terminals are "Pull to Seat" meaning you must feed the wire through the connector housing BEFORE you crimp on the terminals. The wire is then pulled back into the housing and the terminal locks in place. The terminal cannot be inserted or removed from the rear (wire side entry) of the housing

Wiring to your EMS: Polarity does not matter. Take one wire and tap it to sensor ground at the ECU connector and take the other wire and hook it up directly to the CLT (Coolant temp) sensor input on the EMS. Please reference your EMS instructions for pin out details and locations.

AEM Performance Electronics
2205 126th Street Unit A, Hawthorne, CA. 90250
Phone: (310) 484-2322 Fax: (310) 484-0152
<http://www.aemelectronics.com>
Instruction Part Number: 10-2011 Rev B
© 2011 AEM Performance Electronics

Calibration

Calibration		
Temp ©	Temp (F)	Resistance (Ohms)
100	212	180
70	158	500
40	104	1K5
20	68	3K7
0	32	9K8
-20	-4	29K
-40	-40	100K

Table 1. Sensor Calibration

12 MONTH LIMITED WARRANTY

Advanced Engine Management Inc. warrants to the consumer that all AEM High Performance products will be free from defects in material and workmanship for a period of twelve (12) months from date of the original purchase. Products that fail within this 12-month warranty period will be repaired or replaced at AEM's option, when determined by AEM that the product failed due to defects in material or workmanship. This warranty is limited to the repair or replacement of the AEM part. In no event shall this warranty exceed the original purchase price of the AEM part nor shall AEM be responsible for special, incidental or consequential damages or cost incurred due to the failure of this product. Warranty claims to AEM must be transportation prepaid and accompanied with dated proof of purchase. This warranty applies only to the original purchaser of product and is non-transferable. All implied warranties shall be limited in duration to the said 12 month warranty period. Improper use or installation, accident, abuse, unauthorized repairs or alterations voids this warranty. AEM disclaims any liability for consequential damages due to breach of any written or implied warranty on all products manufactured by AEM. Warranty returns will only be accepted by AEM when accompanied by a valid Return Goods Authorization (RGA) number. Product must be received by AEM within 30 days of the date the RGA is issued.

Please note that before AEM can issue an RGA for any product, it is first necessary for the installer or end user to contact the AEM Performance Electronics tech line at 1-800-423-0046 to discuss the problem. Most issues can be resolved over the phone. Under no circumstances should a system be returned or a RGA requested before the above process transpires.

Need additional help? Contact the AEM Performance Electronics tech department at 1-800-423-0046 or tech@aempower.com, or visit the AEM Performance Electronics forum at <http://forum.aempower.com/forum/>