



12 POSITION TRIM POT 30-2056

The AEM 30-2056 Trim Pot is a 330 degree, 12 position potentiometer designed for use as a driver input for engine management systems.

The 30-2056 Kit contains:

- 12 Position Trim Pot
- Trim Pot Knob Decals
- Trim Pot Position Decals

Specifications:

- 14.3KΩ Total Resistance
- 10,000 Cycles Minimum

Mounting:

- 3/8" Mounting hole required
- 1/2" Wrench used to tighten the Jam nut
- 1/16" Allen required to tighten the Knob's set screw

Electrical Connection:

- Red Wire - 5 Volts In
- White Wire – Signal Out
- Black Wire – Ground In

Position	Rotation	Signal Out
0 / -5	0° (Full CCW)	4.90v - 5.00v
1 / -4	30°	4.45v - 4.65v
2 / -3	60°	3.99v - 4.19v
3 / -2	90°	3.54v - 3.74v
4 / -1	120°	3.08v - 3.28v
5 / 0	150°	2.63v - 2.83v
6 / 1	180°	2.17v - 2.37v
7 / 2	210°	1.72v - 1.92v
8 / 3	240°	1.26v - 1.46v
9 / 4	270°	0.81v - 1.01v
10 / 5	300°	0.35v - 0.55v
11 / 6	330° (Full CW)	0.00v - 0.10v

AEM Electronics Warranty

Advanced Engine Management Inc. warrants to the consumer that all AEM Electronics products will be free from defects in material and workmanship for a period of twelve months from date of the original purchase. Products that fail within this 12-month warranty period will be repaired or replaced 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 Merchandise Authorization (RMA) number. Product must be received by AEM within 30 days of the date the RMA is issued.

Please note that before AEM can issue an RMA for any electronic product, it is first necessary for the installer or end user to contact the 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 RMA requested before the above process transpires.

AEM will not be responsible for electronic products that are installed incorrectly, installed in a non approved application, misused, or tampered with.

Any AEM electronics product can be returned for repair if it is out of the warranty period. There is a minimum charge of \$50.00 for inspection and diagnosis of AEM electronic parts. Parts used in the repair of AEM electronic components will be extra. AEM will provide an estimate of repairs and receive written or electronic authorization before repairs are made to the product.

ADVANCED ENGINE MANAGEMENT INC.

This product is legal in California for racing vehicles only and should never be used on public highways.
Advanced Engine Management, 2205 126th Street Unit A Hawthorne, CA. 90250, Phone: (310) 484-2322 Fax: (310) 484-0152
Instruction Part Number: 10-2056, © 2011 Advanced Engine Management, Inc.