INSTALLATION INSTRUCTIONS
3⅛" SPEEDOMETER

2650-1180

IMPORTANT
WEAR SAFETY GLASSES

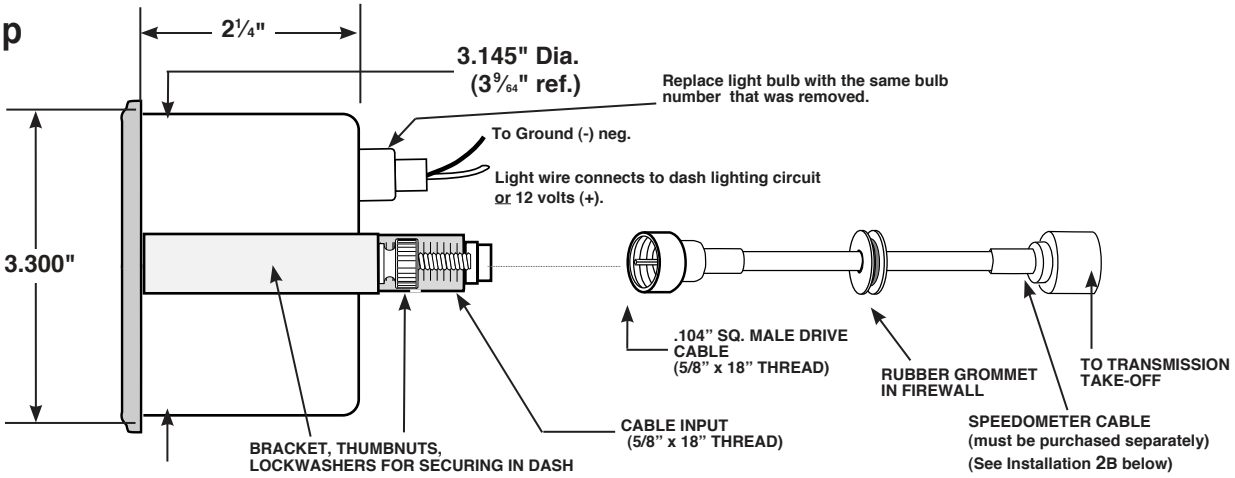
QUESTIONS:

If after completely reading these instructions you have questions regarding the operation or installation of your instrument(s), please contact Auto Meter Technical Service at **815-899-0801.** You may also email us at **service@autometer.com.** Additional information can also be found at **http://www.autometer.com**

Mounting

Can be mounted in a 3 5⁄32" dia. hole in the dashboard. (Take care that hole is not cut too large.)
Can also be mounted in a standard aftermarket street rod panel.

Hookup



Installation

1. To connect the speedometer cable:
   A. If existing speedo cable in vehicle is being used, connect it to the cable input on back of speedometer.
      Important: Make sure cable fits properly into .104" sq. female cable input before tightening or speedometer may be damaged.
   B. If a new speedo cable is required, purchase a "custom made" cable from an auto parts store or speedometer specialty shop. If unable to obtain a speedometer drive cable locally, contact Auto Meter at address below. Indicate the size and type of cable end to fit in the transmission speedometer drive, type of attachment to the transmission and length of cable needed. The cable input on back of speedometer accepts only .104" sq. male drive. Make sure connections fit properly before tightening.
2. Cut a 1 1⁄16" diameter hole in engine firewall where cable will be routed. Route cable from speedo through dash, through firewall and connect to transmission take-off. Use the rubber grommet provided (slit) to support the cable in the firewall. Make sure all connections fit properly and that the rotating cable is not too long or short for proper engagement before tightening.
3. Secure the speedometer in the dashboard by using the bracket, thumb nuts and star lockwashers provided.
4. Install light in back of gauge and connect one wire to dash lighting circuit or to other 12V source. Connect other wire to (-) negative ground.

Specifications: This speedometer is set up for a 1:1 drive ratio (60 MPH at 1,000 RPM input to speedometer head) and a ⅝" x 18 threaded cable input that requires a .104" sq. male drive. If vehicle tire size and/or rear-end differential are not stock (original), a different driven gear in the transmission may be required for speedo accuracy. If a change in the driven gear is made, you very likely will have to change the drive gear in the transmission to maintain the proper gear tooth engagement. Another approach is to use a "correcting ratio" drive joint to adjust the speedometer input to 60 MPH at 1,000 RPM. If one is needed, the appropriate ratio can be easily determined by comparing your speedometer reading against another car having an accurate speedometer and dividing the speeds. (Accurate speed ÷ Your speed = Ratio needed) Auto parts stores or speedometer specialty shops carry "correcting ratio" drive joints or contact Auto Meter at the address or phone below.

SERVICE

For service send your product to Auto Meter in a well packed shipping carton. Please include a note explaining what the problem is along with your phone number. Please specify when you need the product back. If you need it back immediately mark the outside of the box "RUSH REPAIR," and Auto Meter will service product within two days after receiving it. ($10.00 charge will be added to the cost of "RUSH REPAIR.") If you are sending product back for Warranty adjustment, you must include a copy (or original) of your sales receipt from the place of purchase.

12 MONTH LIMITED WARRANTY

The manufacturer warrants to the consumer that this product will be free from defects in materials and workmanship for a period of twelve (12) months from the date of the original purchase. Products that fail within this 12 month warranty period will be repaired or replaced at the manufacturer's option to the consumer, when determined by the manufacturer that the product failed because of defects in material or workmanship. This warranty is limited to the repair or replacement of parts in the instrument and the necessary labor done by the manufacturer to affect the repair or replacement of the instrument. In no event shall this warranty exceed the original purchase price of the instrument, nor shall the manufacturer be responsible for special, incidental or consequential damages or costs incurred due to failure of this product. Warranty claims to the manufacturer 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. Breaking the instrument seal, improper use or installation, accident, water damage, abuse, unauthorized repairs or alterations voids this warranty. The manufacturer disclaims any liability for consequential damages due to breach of any written or implied warranty on all products made by the manufacturer.

FOR SERVICE CONTACT: AUTO METER PRODUCTS Inc. 413 W. Elm St., Sycamore, IL 60178 USA (815)899-0801 or Email us at service@autometer.com

© 2006 Auto Meter Products, Inc.