

Installation of RPM Sensor and collar:

- 1) Determine the correct diameter drive shaft collar for rear end yoke:

REAR-END TYPE	Standard Shaft Collar Sizes
Standard Ford 9"	1.875" I.D.
Large Ford 9"	2.187" I.D.
Universal	1.40" I.D.

***See back for mounting instructions.**
- 2) Install drive shaft collar on rear end yoke. Align magnets on collar halves 90 degrees apart, opposite each other (Figure 1).
- 3) Tighten screws on the collar for a snug fit while keeping an even gap between both halves of the collar.
- 4) Rotate the yoke several times to ensure the straightness (minimize runout) of the collar. Adjust as needed.
- 5) Install RPM sensor bracket to the center section (on a Ford 9") or fabricate a bracket which will locate and center the sensor over the collar (Figure 2).
- 6) Insert RPM sensor in the bracket with one lock nut on each side of the bracket. Adjust the lock nuts to allow a gap between sensor and collar of .150 to .250.
- 7) Rotate the shaft slowly to assure there is no contact with the sensor at any point on the collar.

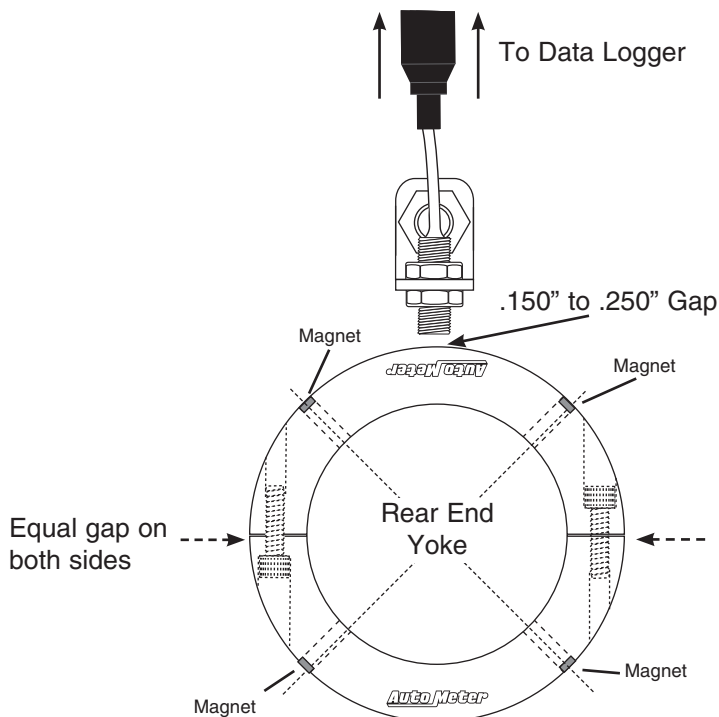


Figure 1. Drive Shaft RPM Sensor and Collar Installation

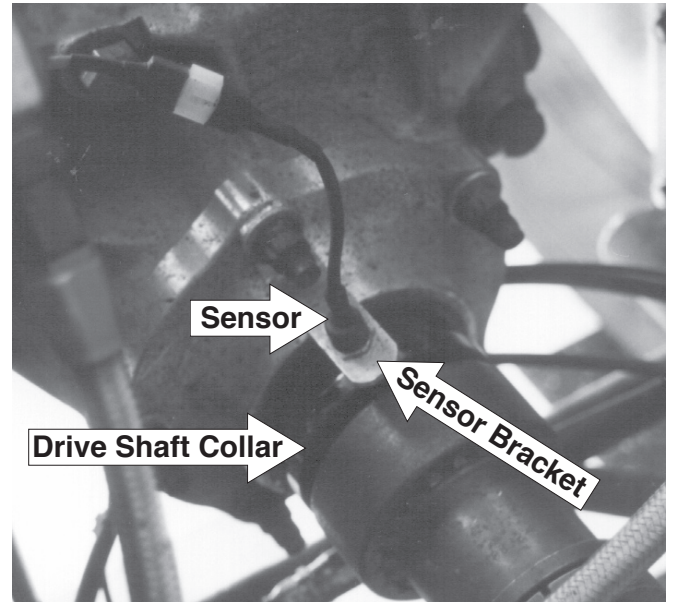


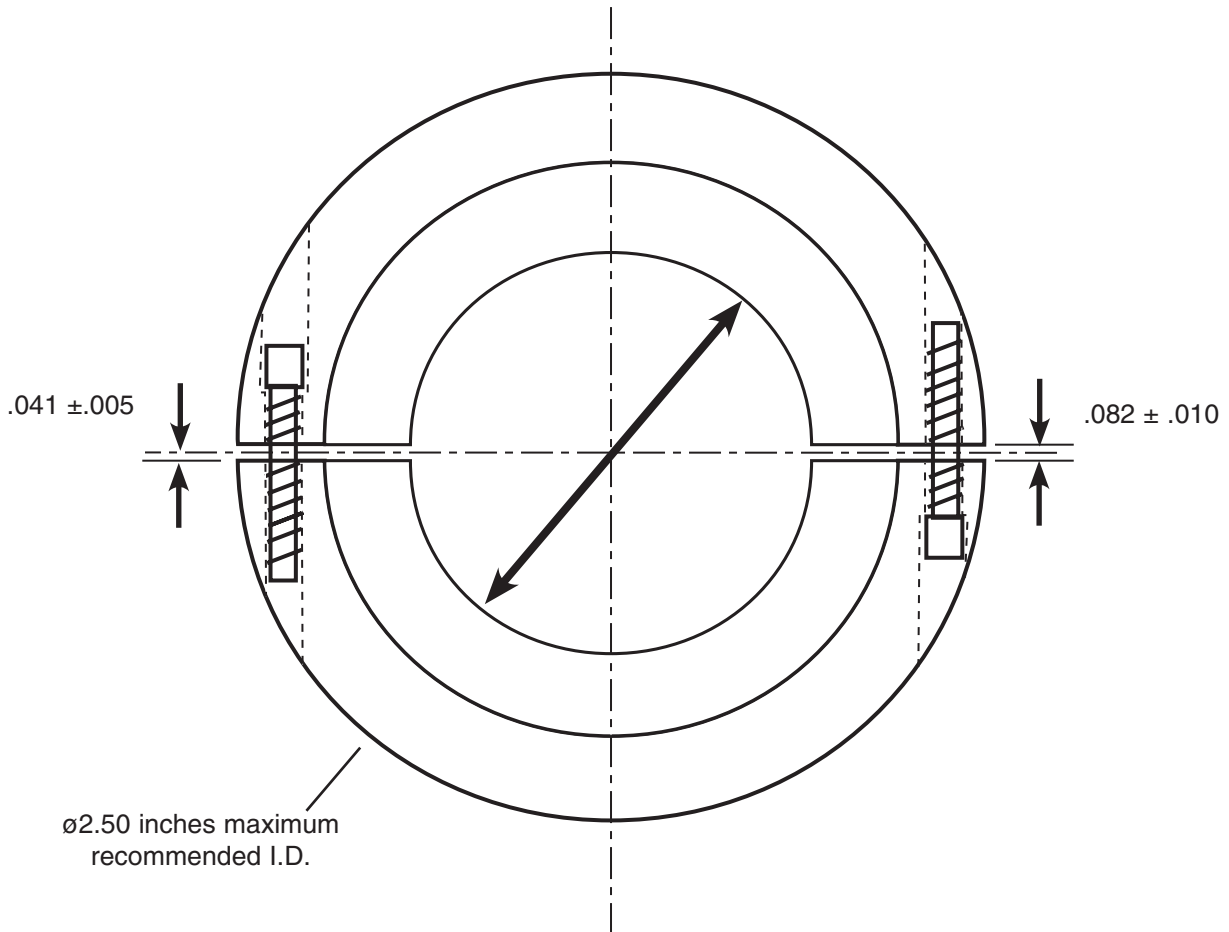
Figure 2. Complete RPM Sensor Installation

NOTE: Cable and RPM sensor comes prewired.

Machining instructions for Universal Collar:

If you have chosen to perform the machining process yourself please follow these instructions.

- 1) The collar halves are designed to provide a "pinch type" fit. Each half is rough machined at $.041 (\pm .005)$ off center). This means the collar must be shimmed $.082 (\pm .010)$ in order to maintain the designed pinch.
- 2) Place shims at each end and tighten the screws.
- 3) Place the collar in the mill or lathe and machine the I.D. to the desired size for your application. (The maximum recommended is 2.50 inches)
- 4) Remove from the mill or lathe.
- 5) Remove the screws and shims.
- 6) Install following the installation instructions on the front page.



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.

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