



# Texas T Parts

711 Ashford Hills Drive  
Bryan, Texas 77801

(979) 260-5433 1-800-337-6977

Fax (979) 260-1214

www.TexasTParts.com



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## Installation Instructions

### Item# T3069-A Akuret Oil Gauge

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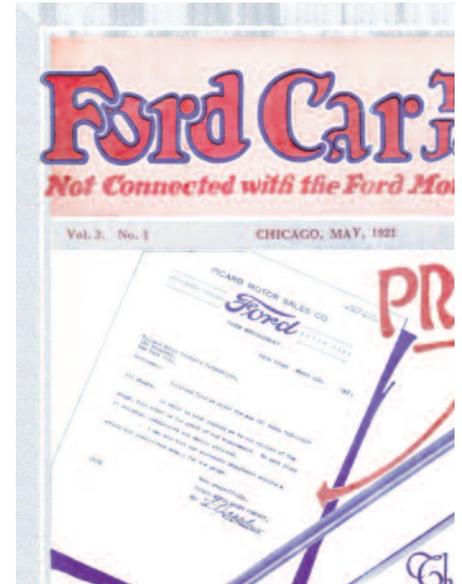
NOTE: Please read completely through these instructions before installing your new Akuret Oil Gauge. It will insure your installation goes smoothly.

Your Akuret Oil Gauge kit includes the following components:

- |                                      |                         |
|--------------------------------------|-------------------------|
| 1 - Oil Gauge Dipstick               | 1 - Rubber Grommet      |
| 1 - Dipstick Tube                    | 1 - Roll of Teflon Tape |
| 1 - AKURET Oil Gauge adaptor fitting |                         |

Tools & Supplies for the installation of your AKURET Oil Gauge are:

- |  |                       |
|--|-----------------------|
| Adjustable Wrench                          | Vise Grips            |
| Oil drain pan                              | 15/16" box end wrench |
| Awl or Center Punch                        | Small hammer          |
| Step drill capable of drilling a 7/8" hole |                       |



1. Drain at least enough oil from your engine to get the oil level below the lower oil petcock. Now might be a good time to change your oil.
2. Remove the lower oil petcock.
3. Apply teflon thread tape to the AKURET Oil Gauge adaptor casting threads and install the casting into the lower petcock hole in the pan. Tighten only hand tight initially until the threaded hole in the fitting points approximately toward the location on the splash apron where you intend to have the knob of the oil gauge located. (See diagram at bottom of page 2) When finished the dipstick tube should pass through the splash apron at the outside of the curve at an elevation such that the knob of the dipstick will be approximately even with the top of the frame rail.
4. From underneath the car, line up the dipstick tube from the adapter fitting to the splash apron to determine the location to make the hole in the splash apron. Determine the location to punch the hole in the splash apron carefully. Using an awl and hammer, mark the center of the location where you will locate the hole in the splash apron.
5. From the outside of the splash apron, locate the mark and center punch it from the outside to make drilling from the outside easier. Using your 7/8" step drill, drill a 7/8" hole in the splash apron. If you don't already have a step drill they are available from Harbor Freight, Lowe's, or Home Depot for \$10 to \$20.  
( I have used a 1/2" conduit punch, a 7/8" hole saw, and a 7/8" step drill to cut the hole in the splash apron. The step drill is by far the best option.)
6. Insert the rubber grommet into the 7/8" hole in the splash apron and then slide the dipstick tube through the hole in the grommet and toward the AKURET Oil Gauge adaptor fitting.



Examples of 7/8" Step Drills available from Harbor Freight. I mark the diameter that I want to drill to make it easy to see while drilling.

7. From under the car, tighten the adaptor fitting until it is tight AND pointing in the right direction for the dipstick tube to be threaded into it. The last few degrees should be tightened slowly and carefully so as not to go past the optimum point. You will probably want to try threading the tube into the adaptor as you proceed.
8. With the adapter fitting in position, wrap Teflon tape on the threads of the dipstick tube and screw it fully into the fitting using your vise grips. If you wish to avoid marking the tube with the vise grips cushion the tube from the jaws of the vise grips with cardboard.
9. Your installation of the AKURET Oil Gauge is complete but you are NOT finished! It is very important to put your oil back into your engine. If your old oil was dirty, this might be a good time to change it and add fresh oil. As you add new oil please be patient enough to give the cold oil time to flow through the pan, into the sump, and reach it's natural level in the dipstick tube before taking a reading. I know you're anxious but cold oil moves slow.
10. When checking your oil be sure to first remove the dipstick and wipe it clean. Then insert it again to check the actual oil level. And remember that if your car is parked on a slope you will not get an accurate reading. This characteristic is the same as when you check your oil by opening the petcock.

Note: If you didn't find it yet, look inside the cardboard packaging tube of your AKURET Oil Gauge. You will find a nice frameable reproduction of the May, 1921 front cover of *Ford Car Trade Journal* which advertises this original accessory for Model Ts.

Next time you change your oil you may want to check the level after putting in three quarts as well as after four quarts so you know exactly where it registers on your oil gauge. That will give you useful information to maintain a good level of oil in your Model T in the future.

Thank you for choosing another Texas T Parts product.  
We hope to see you driving your T on tours for many years.

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