



QUALITY... PLAIN & SIMPLE®

## Anchor-Tight® Locking Flexible Engine Dipstick Gauge to Fit Installation Instructions

### General Installation Notes:

Please read these instructions completely before beginning the installation. If you have any questions please call.

Before beginning the installation, disconnect the negative battery cable and use wheel chocks to block the vehicle's wheels.

We recommend using anti-seize lubricant on all aluminum threads.

Refer to Fig. 1 for the component names.

### How to Use The Locking Mechanism:

The Lokar Dipstick tube assembly has a locking quick disconnect fitting on the handle end. To install or remove the handle and inner measuring cable, slide the spring-loaded retaining sleeve downwards away from the handle. Fig. 2

\*\*\* These Engine Dipsticks are Gauge to Fit. The inner measuring cable must be shortened to the correct length for your specific application.

**Step 1:** If the engine currently has oil in it, drain the engine oil out of the oil pan. It is important that the oil pan be empty in order to get an accurate measurement on the inner measuring cable.

If the engine currently has a dipstick tube assembly in place, remove it.

Clean the dipstick opening on the oil pan, making sure it is free from all debris or burrs. Remove any existing tape or sealant from the threads.

**Step 2:** Remove the handle and inner measuring cable from the new dipstick tube assembly. Apply Teflon™ tape or thread sealant to the threads on the bottom fitting of the dipstick tube assembly.

Thread the dipstick tube assembly into the oil pan.

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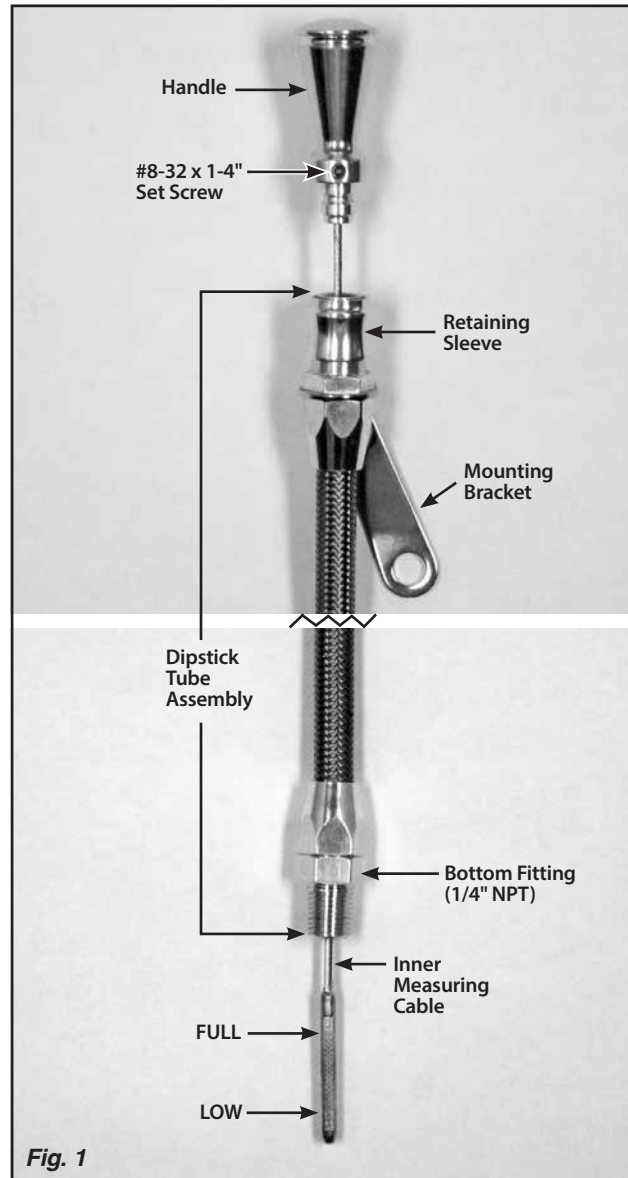


Fig. 1

**Step 3:** Route the dipstick tube assembly up through the exhaust manifold/header as straight as possible and secure the upper mounting bracket to an existing manifold/header bolt. Make sure the braided stainless steel part of the dipstick tube assembly is not touching the exhaust at any point.

**Step 4:** Fill the engine with the manufacturer's recommended amount of engine oil.

**Step 5:** Insert the handle and inner measuring cable fully into the dipstick tube assembly. The retaining sleeve **MUST** be pushed down in order for the handle and inner measuring cable to be fully inserted. Fig. 2

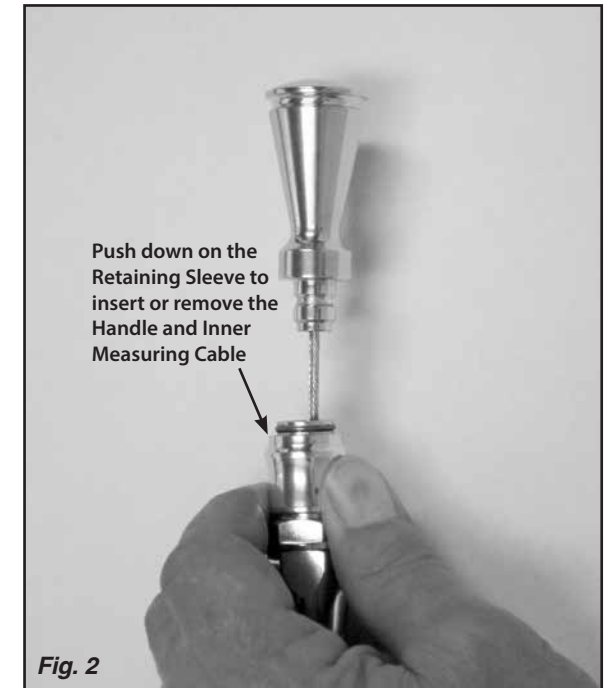


Fig. 2

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- Step 6:** Remove the handle and inner measuring cable from the dipstick tube assembly. Measure the distance from the top of the oil on the inner measuring cable to the "FULL" mark on the inner measuring cable. Write that measurement down (" X "). **Fig. 3**
- Step 7:** Use a 5/64" Allen wrench to loosen the #8-32 x 1/4" set screw in the handle. Pull the inner measuring cable out of the handle.
- Step 8:** Measure down from the top end of the inner measuring cable and make a mark at the distance you recorded in **Step 6**. Wrap 2 or 3 turns of masking tape around the inner measuring cable immediately below your mark, to keep the cable from fraying. **Fig. 4**
- Cut the inner measuring cable at your mark using a cutoff wheel, fine toothed hack saw, or a pair of heavy duty 8" diagonal cutting pliers. Lokar recommends Klein brand Diagonal Cutting Pliers, # D2000-28 available at The Home Depot or through W. W. Graingers, Part # 4A838. Deburr the cut end of the inner measuring cable with a file.
- Step 9:** Remove the masking tape from the inner measuring cable, and insert the inner measuring cable into the handle. It may be necessary to twist the inner measuring cable (in the direction that tightens the twisted strands) in order to get the inner measuring cable into the handle. Push the inner measuring cable in as far as it will go, until it bottoms out inside the handle. Use a 5/64" Allen wrench to tighten the set screw in the handle.
- Step 10:** Insert the handle and inner measuring cable fully into the dipstick tube assembly. Verify that the oil level is at the FULL mark on the inner measuring cable. Adjust the length if needed, or call Lokar for assistance.
- Return the handle and inner measuring cable into the dipstick tube assembly, making sure that the handle is locked into place.

