



QUALITY... PLAIN & SIMPLE®

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.

*** 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.

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: Lightly lubricate the o-rings on the dipstick handle with engine oil. Install the handle and inner measuring cable into the dipstick tube assembly. Push it in until the handle bottoms out. Make sure the handle is fully seated in the dipstick tube assembly.

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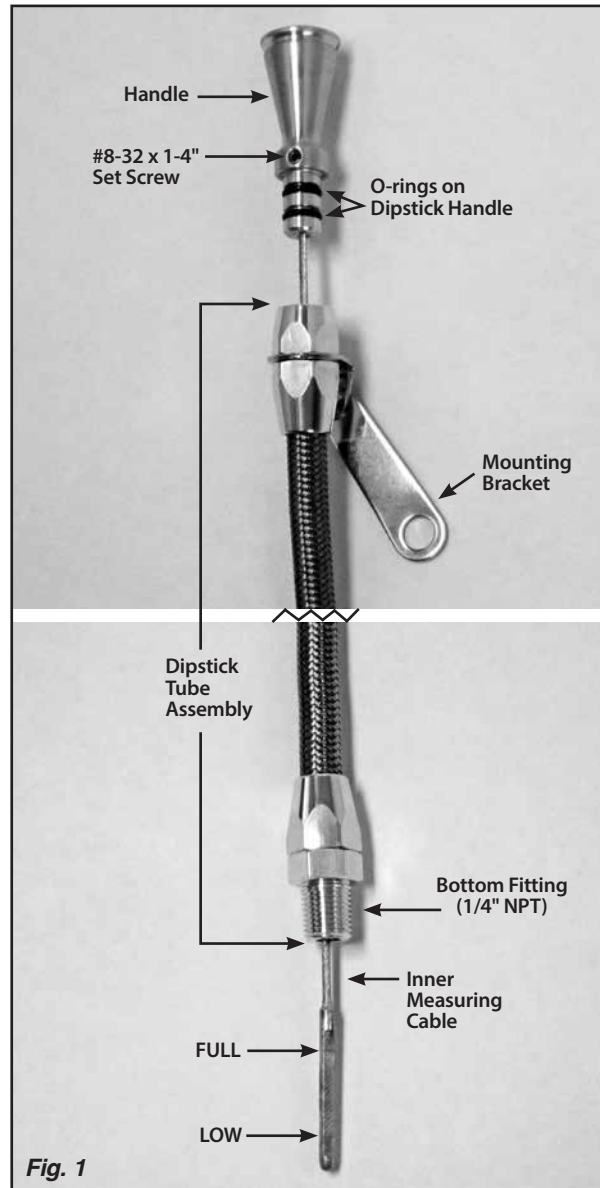


Fig. 1

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. 2**

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. **Fig. 3**

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 the 5/64" Allen wrench to tighten the set screw in the handle.

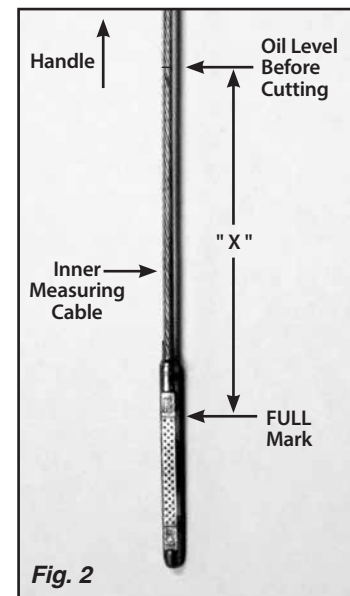


Fig. 2

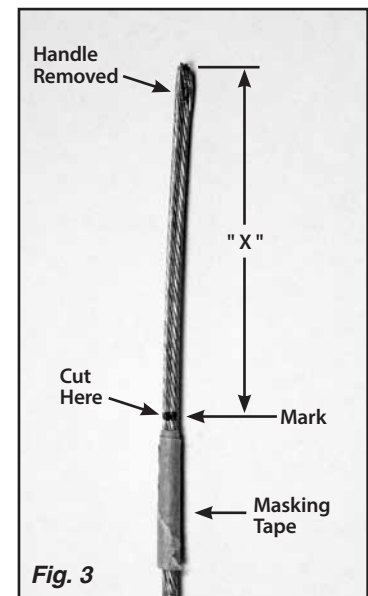


Fig. 3