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U-Cut-to-Fit GM and Chrysler Speedometer Cable Kit 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.

Make sure the engine, transmission, body and frame are properly grounded. We recommend using anti-seize lubricant on all aluminum threads.

Refer to Fig. 1 and Fig. 2 for the component names.

Do not remove the anti-seize compound that has been applied to the threads on the trans end fitting.

Step 1: Remove the inner wire from the cable housing on the new Lokar Speedometer Cable. **DO NOT remove the trans end fitting from the cable housing!**

Step 2: Temporarily install the cable housing onto the speedometer. Route the cable housing to the transmission, making sure to keep it away from the exhaust. Do not make any sharp bends when routing the cable housing.

Step 3: It will be necessary to shorten the new cable housing. Mark the cable housing where it lines up with the speedometer cable connection on the transmission. Disconnect the cable housing from the speedometer and remove the cable housing from the vehicle.

Slide the compression nut, the trans end nut, and the trans end fitting towards the speedometer end of the cable housing, away from the transmission. Be careful that you do not damage the trans end fitting. **DO NOT remove the trans end fitting from the cable housing!**

Make sure that the inner wire is removed from the cable housing! If the Speedometer Cable has the braided stainless steel housing, wrap tape around the area to be cut and use a cutoff wheel or fine-toothed hacksaw to cut the cable housing at your mark. If the Speedometer Cable has the black universal housing, cut the cable housing at your mark using heavy duty 8" diagonal cutting pliers or a hacksaw. Lokar recommends Klein brand Diagonal Cutting Pliers, # D2000-28 available at The Home Depot or through W. W. Graingers, part # 4A838.

After cutting the cable housing, slide the trans end fitting, the trans end nut, and the compression nut back into place at the end of the cable housing.

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Step 4: Make sure the end of the cable housing stops at the edge of the larger diameter section inside the trans end fitting, as shown in Fig. 3. Thread the compression nut onto the trans end fitting and tighten it until the cable housing is locked into the trans end fitting. **DO NOT** assemble the trans end fitting until after the cable housing has been cut to length!

Note: Do not over tighten the compression nut!

Step 5: Install the inner wire into the cable housing with the square end towards the transmission. Insert the square end of the inner wire into the speedometer gear at the transmission, making sure the inner wire bottoms out in the speedometer gear. Thread the trans end nut onto the speedometer gear housing. Fig. 4 & Fig. 5

Step 6: Route the cable housing back up to the speedometer. At the speedometer head, mark the inner wire flush with the end of the speedometer end fitting. Fig. 6 Remove the inner wire from the cable housing.

Step 7: All Speedometers Except Pre-1948 Ford: Measure 5/16" back towards the transmission from your mark, and cut the inner wire there. Fig. 7

Step 7: Pre-1948 Ford Speedometers: Measure 9/16" back towards the transmission from your mark, and cut the inner wire there. Fig. 7

Step 8: De-burr the end of the inner wire. Insert the cable tip into the crimping die, making sure it is pushed all the way in. Insert the inner wire as far as it will go into the cable tip.

To crimp the cable tip, squeeze the crimping die in a vise. Make sure the crimping die is positioned in the vise so that the cable tip is between the vise jaws, not above them. Fig. 8

Step 9: Remove the crimping die by prying it apart with a screwdriver.

Step 10: Lubricate the inner wire with a light coat of the supplied silicone grease. Install the inner wire into the cable housing, making sure it bottoms out in the speedometer gear. It will likely be necessary to rotate the inner wire slightly in order to get it to align with the speedometer gear and slide all the way in.

Connect the new Speedometer Cable to the speedometer. Fig. 9 & Fig. 10

Speedometer End

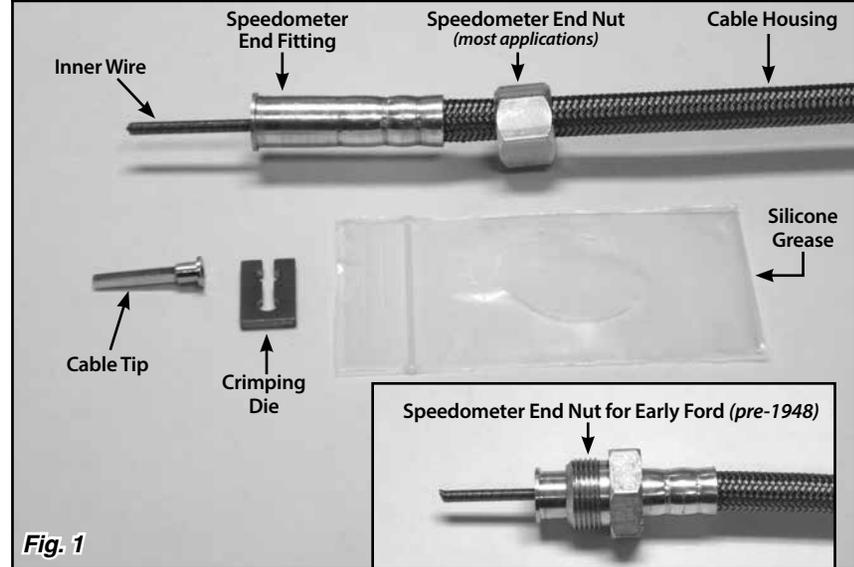


Fig. 1

Transmission End

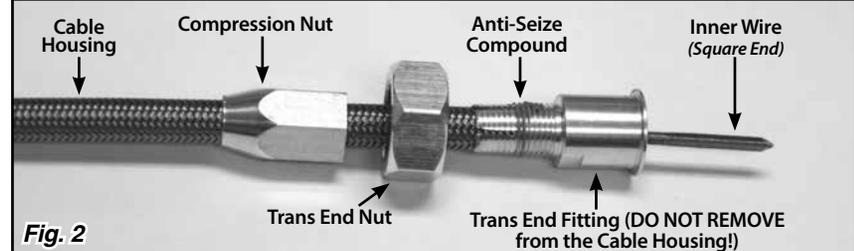


Fig. 2

Transmission End, Assembled



Fig. 3

NOTE: Must Cut Cable Housing To Length BEFORE Assembling!

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