



QUALITY... PLAIN & SIMPLE®

## Ford C4 and C6 Hi-Tech Kickdown 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.

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

Refer to Figs. 1, 2 and 3 for the component names.

This Kickdown Kit is designed to be used with a Lokar Cable Bracket that is appropriate for your particular carburetor or fuel injection system.

**Step 1:** Remove the cable end stop, kickdown throttle body fitting, and kickdown cable adjuster from the new kickdown cable. Leave the kickdown mounting bracket on the kickdown cable adjuster. **DO NOT remove the ferrule if the cable housing is braided stainless steel!** Remove the inner wire from the cable housing, and remove the kickdown lever from the inner wire.

**Step 2:** Install the kickdown lever onto the transmission, with the cable hole towards the transmission as shown in Fig. 4 for C4 and Fig. 5 for C6.

**Step 3:** Install the trans cable bracket and the cable housing onto the transmission as shown in Fig. 4 for C4 and Fig. 5 for C6. **NOTE: These photos show the inner wire, which SHOULD NOT be installed at this point.** C4 uses an existing transmission bolt. The C6 kit includes a 5/16"-18 x 1" button head bolt and locknut for the trans cable bracket. **NOTE:** On the C6 transmission, the cable mounting bracket goes *underneath* the casting lug on the side of the transmission.

**Step 4:** If the throttle cable has already been installed, disconnect the throttle cable from the throttle arm. If the engine already has a Lokar Cable Bracket (not included) installed, remove the throttle cable adjuster. Leave the Cable Bracket in place. If the engine does not have a Lokar Cable Bracket already installed, install one now, following the installation instructions that were provided with the Lokar Cable Bracket.

**Step 5:** The kickdown mounting bracket mounts onto the back side of the Lokar Cable Bracket. The throttle cable adjuster will pass through the top hole in both the new kickdown mounting bracket AND the Cable Bracket. Position the kickdown mounting bracket behind the Cable Bracket so that the 5/16" diameter holes at the top of both brackets are aligned, the small 3/16" diameter holes near the center of the two brackets are aligned, and the kickdown cable adjuster is offset towards the left side of the vehicle.

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**Step 5: (Continued)** Attach the kickdown mounting bracket to the Cable Bracket using the supplied #8-32 x 1/2" button head bolt and nylock nut through the small 3/16" diameter center holes in both brackets, but do not tighten yet. Insert the throttle cable adjuster (with the rear nut still installed) from the rear through the top holes in both brackets. Position it so that the threaded part of the throttle cable adjuster is approximately centered in the Cable Bracket. Install the front adjuster nut.

Tighten the throttle cable adjuster nuts, the button head bolt and nut, and the kickdown cable adjuster nuts. Fig. 6

**Step 6:** Route the cable housing up to the kickdown cable adjuster. **Make sure that the inner wire is removed from the cable housing!** If the cable housing is braided stainless steel, slide the ferrule down the housing towards the transmission, away from the end that is being cut. **Fig. 7 DO NOT remove the ferrule from the braided stainless steel housing!** If the cable housing is black universal or Vintage Series, remove the ferrule.

Measure the distance between the kickdown cable adjuster and the trans cable bracket. Add 1" to the measurement and cut the cable housing to that length.

If the kickdown cable has the braided stainless steel housing, wrap tape around the area to be cut and use a cutoff wheel or fine-toothed hacksaw. If the kickdown cable has a black universal or Vintage Series housing, cut the cable housing with 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, put the ferrule back in place at the end of the cable housing. The ferrule does NOT need to be crimped or otherwise attached in place. Insert the cable housing and ferrule into the kickdown cable adjuster.

**Step 7:** The tear drop (not included, comes with the Cable Bracket) will be attached to the throttle arm by the hex carb fitting. Separate the hex carb fitting from the kickdown throttle body fitting. Install the hex carb fitting and the tear drop onto the throttle arm as shown in Fig. 8. Hook the springs to the tear drop and tighten the nylock nut on the hex carb fitting. Then, back the nylock nut off just enough so that the tear drop can pivot freely.

**Step 8:** Pass the inner wire through the hole in the kickdown lever on the transmission. Thread it up through the cable housing to the throttle arm.

**Step 9:** Install and adjust the throttle cable (not included). Before connecting the kickdown inner wire to the throttle arm, make sure that the throttle cable is properly adjusted. Verify that the throttle is wide open while you have a helper hold the accelerator pedal to the floor. Once you are sure that the throttle cable is adjusted correctly, slide the kickdown throttle body fitting onto the kickdown cable inner wire, and connect the kickdown throttle body fitting to the hex carb fitting.

**Step 10:** This step will also be much easier with a helper. Slide the kickdown cable end stop onto the inner wire. Move the throttle to wide open and hold it there while pulling the kickdown inner wire as tight as possible. Slide the cable end stop up against the kickdown throttle body fitting and tighten the set screw using the supplied 5/64" Allen wrench. Release the throttle.

When the kickdown cable is properly adjusted you should be able to open the throttle to the wide open position without interference from the kickdown cable; and with the throttle wide open, you should not have any slack in the kickdown cable.

Double check to be sure that all throttle and kickdown linkages operate freely without binding. Then, test drive. Once the kickdown cable is correctly adjusted and operating properly you can cut off the excess inner wire, leaving about 1/2" extending beyond the cable end stop to allow for future adjustment if needed.

Final installation should look like Fig. 4 or 5 and Fig. 8.

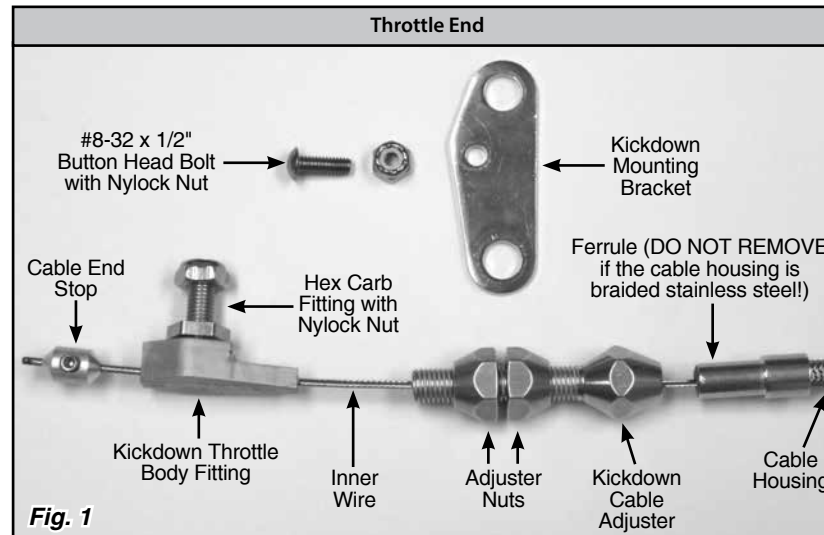


Fig. 1

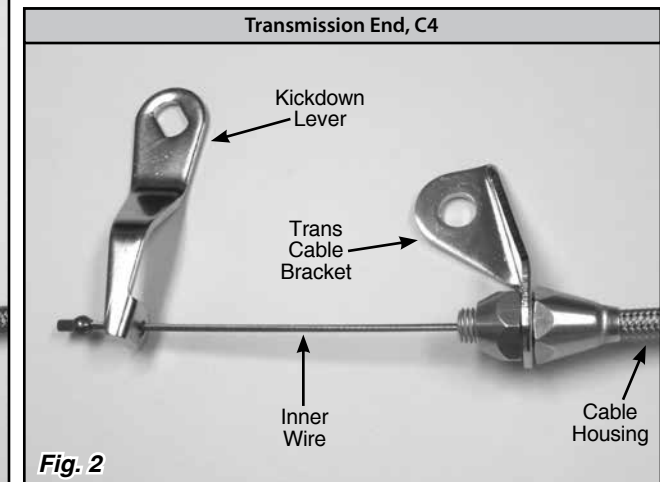


Fig. 2

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