



QUALITY... PLAIN & SIMPLE®

## LS1 Throttle Cable Bracket, Cruise Control Bracket 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. Do not attempt to install this product while the engine is running.

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

There are two styles of LS1 throttle bodies. Make sure you have the correct Throttle Cable Bracket for your application, as the angles of the studs are different.

1998 – 1999 throttle bodies have a cam assembly that is approximately 3" from top to bottom. **Fig. 1** Use Lokar TCB-40LS1 or TCB-40LS12.

2000 – 2002 GM, and 2004 GTO throttle bodies have a cam assembly that is approximately 3-1/2" from top to bottom. **Fig. 2** Use Lokar part # TCB-40LS13 or TCB-40LS14.

Refer to **Fig. 3** for the component names.

This Throttle Cable Bracket is designed to be used with a Lokar Throttle Cable (not included), and if applicable, a Lokar Cruise Control Cable (not included). **DO NOT** attempt to use this Bracket to mount a kickdown cable.

**DO NOT** loosen the bolt on the bottom of the Lokar Throttle Cable Bracket or remove the stud from the mounting base. The throttle cable stud is precisely indexed to the base, and it can be very difficult to get it reassembled in the correct position.

**Step 1:** Remove the existing throttle cable bracket from the intake manifold.

**Step 2:** Install the Lokar Billet Aluminum Throttle Cable Bracket to the mounting boss on the side of the intake manifold using the M6 x 16mm socket head bolts. Be sure the cable mounting stud is below the bolts.

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1998 - 1999 GM Throttle Body

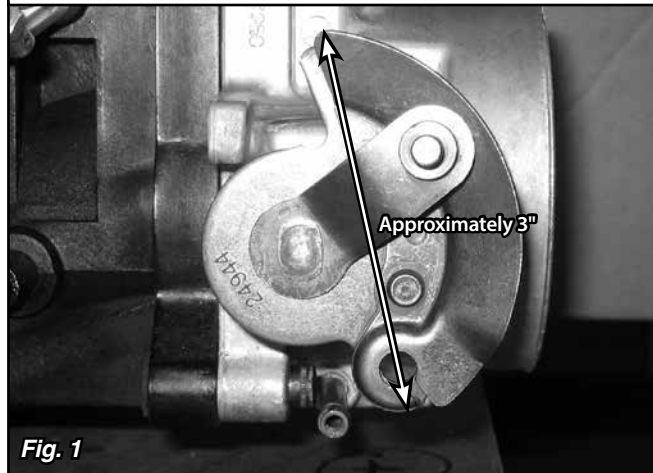


Fig. 1

2000 - 2002 GM, and 2004 GTO Throttle Body

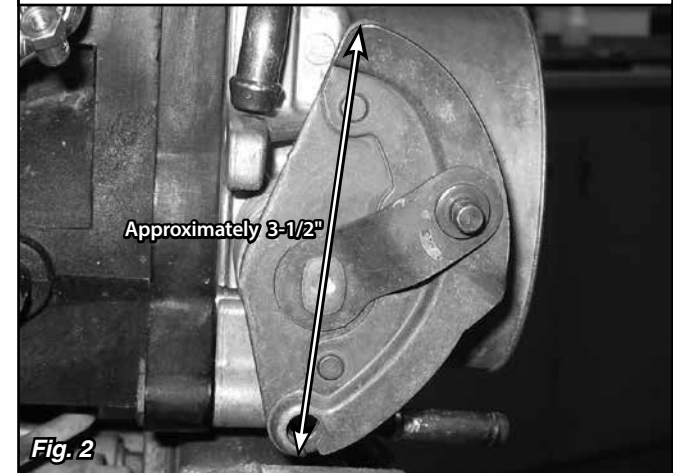


Fig. 2

**Step 3:** Remove both of the adjuster nuts from the cable adjuster on the Lokar Throttle Cable (not included). Install the small adjuster nut that is supplied with the LS1 Throttle Cable Bracket onto the cable adjuster, with the flat side of the nut facing out towards the new Bracket. The small adjuster nut will be easier to tighten against the stud than the larger one.

Install the cable adjuster into the stud with the small adjuster nut against the flat spot on the stud. Thread the cable adjuster into the stud until there is approximately 1/4" of thread protruding through the stud. Tighten the small adjuster nut against the stud.

Repeat this process for the Cruise Control Cable (if applicable).

**Step 4:** Install the Lokar Throttle Cable and Cruise Control Cables according to the instructions included with the Lokar Cables. See **Fig. 4** and **Fig. 5** for a completed installation.

