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Holley Sniper 2 Billet Cable 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.

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

All Lokar Installation Instructions can be found by visiting www.lokar.com/instructions.html.

Refer to Fig. 1 for the component names.

This Cable Bracket is designed to work with a Lokar Throttle Cable, a Lokar Kickdown Kit (if applicable), and a Lokar Cruise Control Cable (if applicable).

There are several different versions of the Sniper Throttle Body. These instructions are for the Sniper 2, which has a hidden throttle position sensor (TPS) and the fuel connections on the passenger side of the throttle body. Check with Holley if you are unsure of which version you have.

Step 1: Verify you are working on a Sniper 2 version, with a hidden throttle position sensor (TPS) and the fuel connections on the passenger side. **Fig. 2**

Step 2: Install the kickdown hex carb fitting into the appropriate lower hole (depends on your transmission, see Holley's instructions) in the throttle body linkage arm. Install the 0.120" thick flat washer, 1/4" lock washer, and kickdown stud nut onto the kickdown hex carb fitting. Tighten the nut using a 1/2" wrench. **Fig. 3**

Step 3: Remove the driver side rear throttle body mounting bolt or nut, washer, and stud from the intake manifold.

Step 4: Position the Cable Bracket on the throttle body base as shown in **Fig. 4**. Make sure the indexing tab on the Cable Bracket is seated in the indexing notch on the throttle body base.

Step 5: Install the 5/16"-18 x 1-3/8" button head bolt and internal star washer, using a 3/16" Allen wrench or hex bit. As you tighten the bolt, rotate the cable bracket forward (clockwise as viewed from the top) as far as it can go, so the cable bracket is at a 90 degree angle to the throttle body linkage arm. **Fig. 5**

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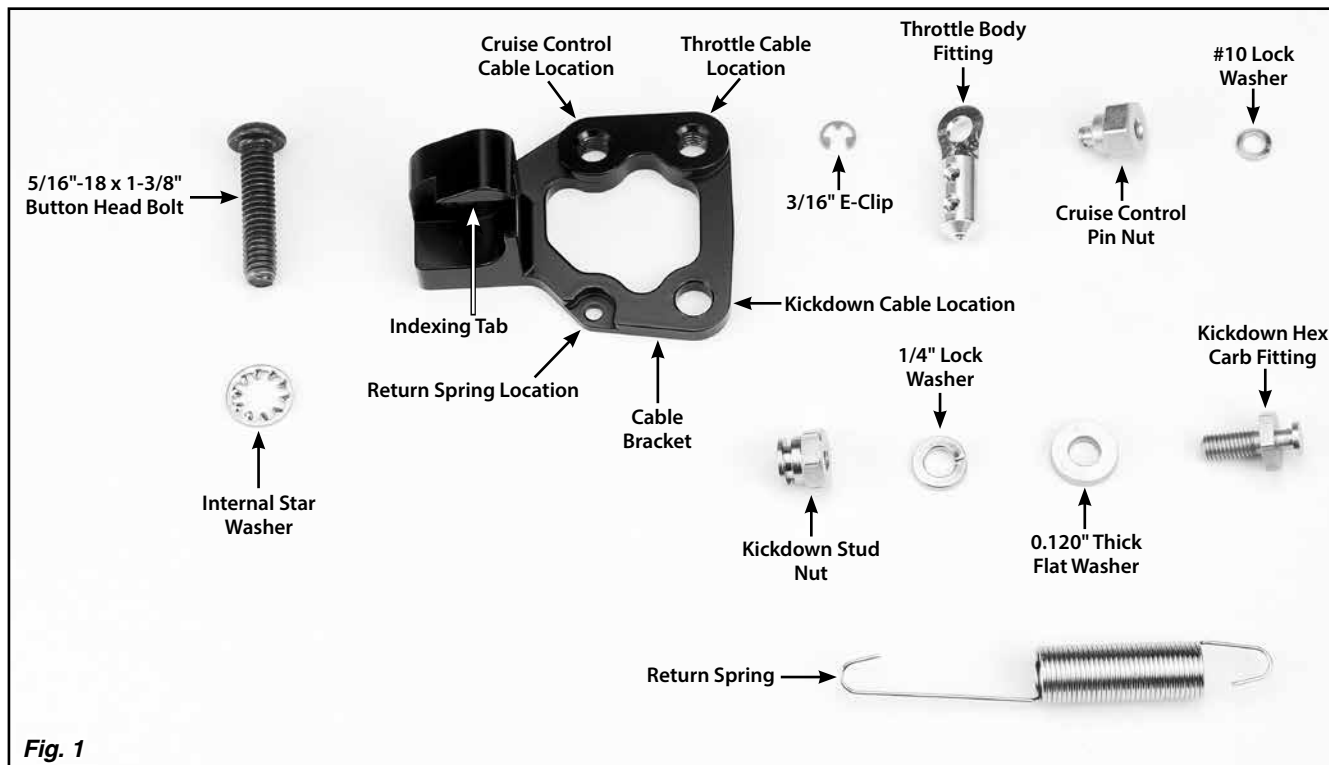


Fig. 1

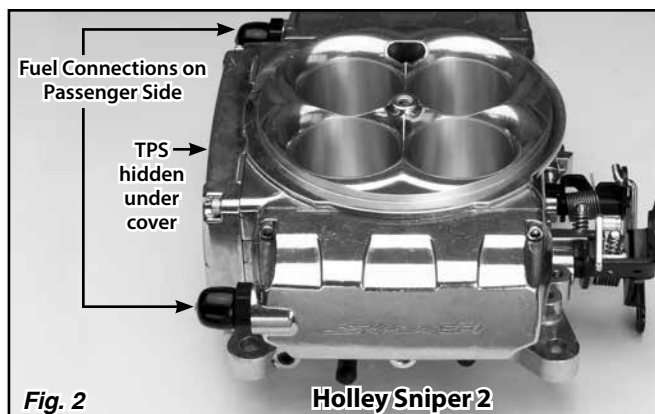


Fig. 2



Fig. 3

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Step 5 continued: NOTE: If you are not able to rotate the cable bracket fully around to 90 degrees, loosen the other three throttle body mounting bolts or nuts. Then, rotate the cable bracket to 90 degrees, tighten that bolt, and tighten the other three corners.

Step 6: Hook the short arm of the return spring into the small hole at the bottom of the Cable Bracket. Pull the long arm of the return spring forward and hook it into the groove on the kickdown stud nut. **Fig. 6**

Step 7: Install and connect your Cables following the instructions that came with those parts. Place the #10 lock washer (included) on the carb end assembly (not included, comes with Lokar Throttle Cable). The Throttle Cable will be connected to the top hole furthest from the throttle body, and the Cruise Control Cable (if applicable) will be connected to the top hole closest to the throttle body.

If you are connecting a Cruise Control Cable, install the provided cruise control pin nut onto the provided throttle body fitting and secure with the 3/16" E-clip. Install the throttle body fitting onto your cruise control cable inner wire. Apply blue thread locking compound to the threads on the carb end assembly (not included, comes with the Lokar Throttle Cable), and insert it into the proper hole in the throttle linkage. Install the cruise control pin nut instead of a nylock nut onto the carb end assembly, and tighten.

NOTE: You will only need to use one cable adjuster nut on the Throttle Cable and (if applicable) Cruise Control Cable adjusters. The Sniper 2 Cable Bracket has threaded holes in those locations.

Fig. 7 shows a completed installation with Lokar Throttle, Kickdown, and Cruise Control Cables (cables not included).

