



QUALITY... PLAIN & SIMPLE®

Blower Drive Throttle Cable 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.

NOTE: Lokar's Blower Drive Throttle Cable is designed to operate with BDS, Enderle and Weiand style linkage for sideways mounted carburetors.

The Lokar Blower Drive Throttle Cable is designed to be installed with a Lokar Throttle Pedal.

Step 1: Install and adjust all blower drive linkage components before beginning to install the Lokar Blower Drive Throttle Cable.

Step 2: The hole in the firewall must line up with the hole in the throttle pedal. Determine exactly where the Blower Drive Throttle Cable needs to go and drill a 5/16" hole in the firewall.

Step 3: Remove the blower cable wire adjuster and throttle cable adjuster from the engine end of the new Lokar Blower Drive Throttle Cable. **DO NOT** remove the ferrule if the cable housing is braided stainless steel! Pull the inner wire out of the cable housing.

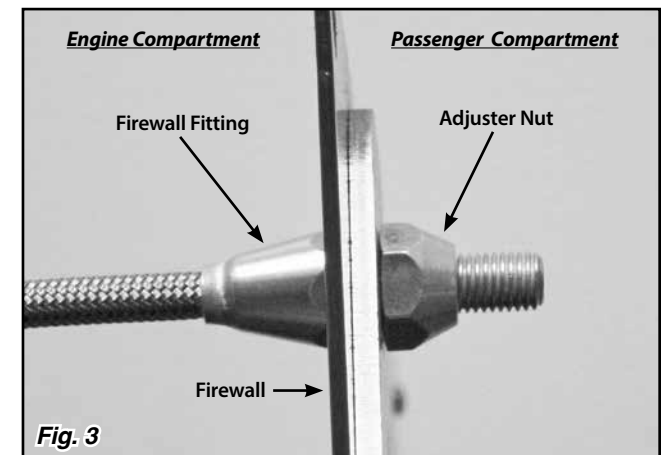
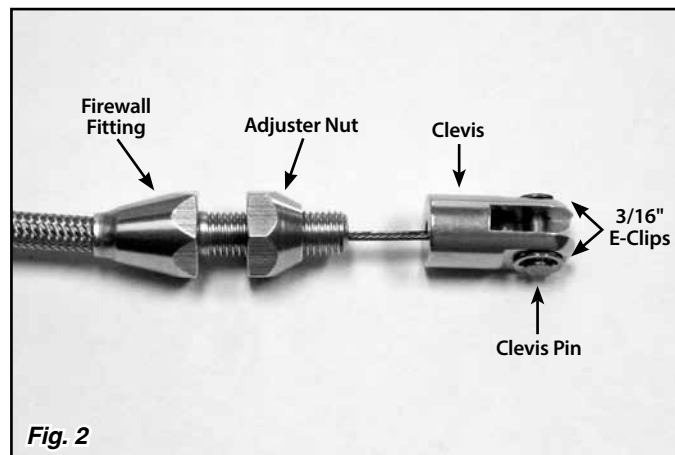
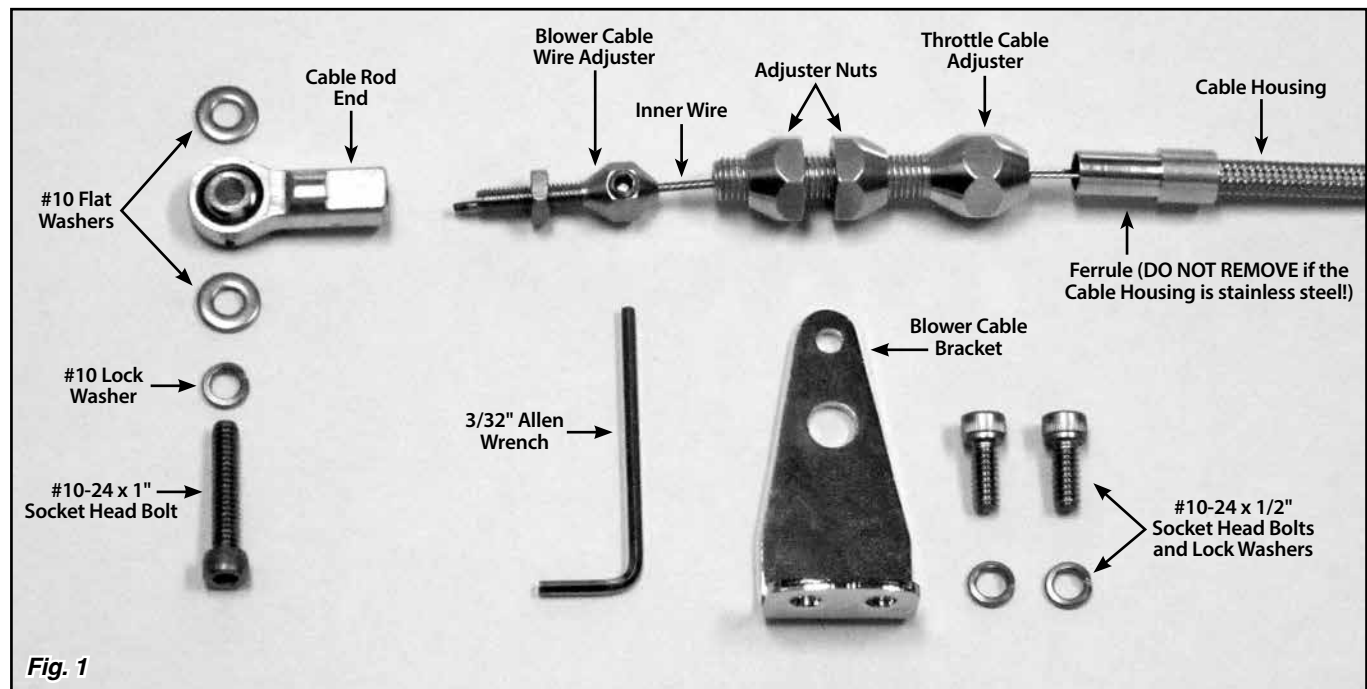
Step 4: On the pedal end of the cable housing, remove the adjuster nut from the firewall fitting. Insert the firewall fitting through the firewall from the engine side, and then reinstall the adjuster nut. **Fig. 3**

NOTE: The firewall fitting MUST point directly at the hole in the top of the upper arm of the throttle pedal, so that the inner wire does not rub excessively against the inside of the firewall fitting. Some Lokar Throttle Pedals for specific applications come with offset washers to aid in alignment. If your Throttle Pedal came with offset washers, they will usually be required for installation on a stock firewall.

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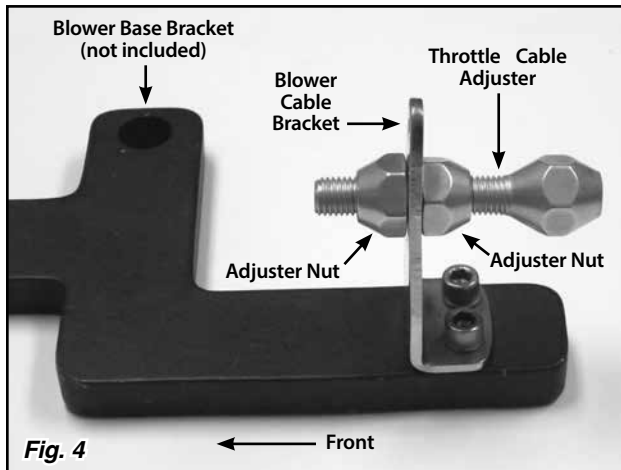


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Step 4, continued:

If needed, place one offset washer onto the firewall fitting before inserting the firewall fitting into the firewall. After the firewall fitting is inserted into the firewall, install the other offset washer and adjuster nut on the passenger compartment side of the firewall fitting. Rotate the offset washers opposite one another until the firewall fitting is pointed directly at the hole in the top of the upper arm on the pedal.

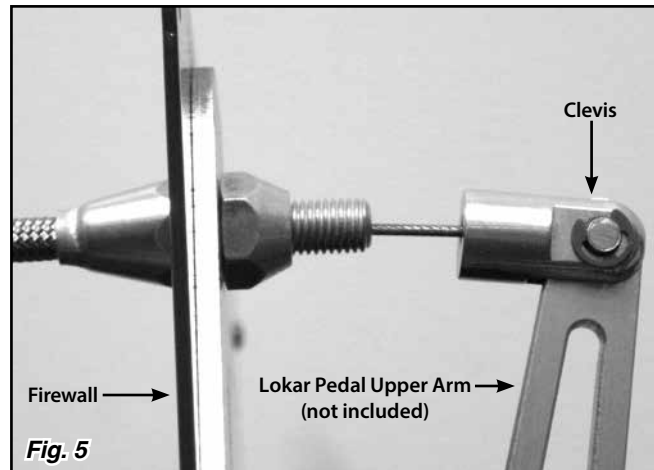
Step 5: Install the blower cable bracket to the blower base bracket (not included) using the supplied #10-24 x 1/2" socket head bolts and lock washers. The vertical part of the blower cable bracket must be towards the front of the vehicle, with the horizontal part on the bottom pointing towards the firewall. **Fig. 4**



Step 6: Remove the front adjuster nut from the throttle cable adjuster, and insert the throttle cable adjuster into the blower cable bracket. Position the rear adjuster nut so that the blower cable bracket is approximately centered on the threaded part of the throttle cable adjuster. (**NOTE:** If a Lokar Kickdown Cable is also being installed, you will need to install the kickdown mounting bracket onto the throttle cable adjuster at this time.) Reinstall the front adjuster nut. **Fig. 4**

Step 7: Make sure that the inner wire is removed from the cable housing. If the cable housing is braided stainless steel, slide the ferrule up the housing towards the firewall, away from the end that is being cut. **DO NOT** remove the ferrule from a braided stainless steel housing! If the cable housing is black universal or Vintage Series, remove the ferrule.

NOTE: The cable housing must not be straight between the throttle cable adjuster and the firewall. There must be some slack to allow for engine movement.



Step 8: Measure the distance between the throttle cable adjuster and the firewall fitting. Add 2" to the measurement and cut the cable housing to that length. If the Blower Drive Throttle 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 housing is black universal or Vintage Series, 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. Insert the cable housing and ferrule into the throttle cable adjuster.

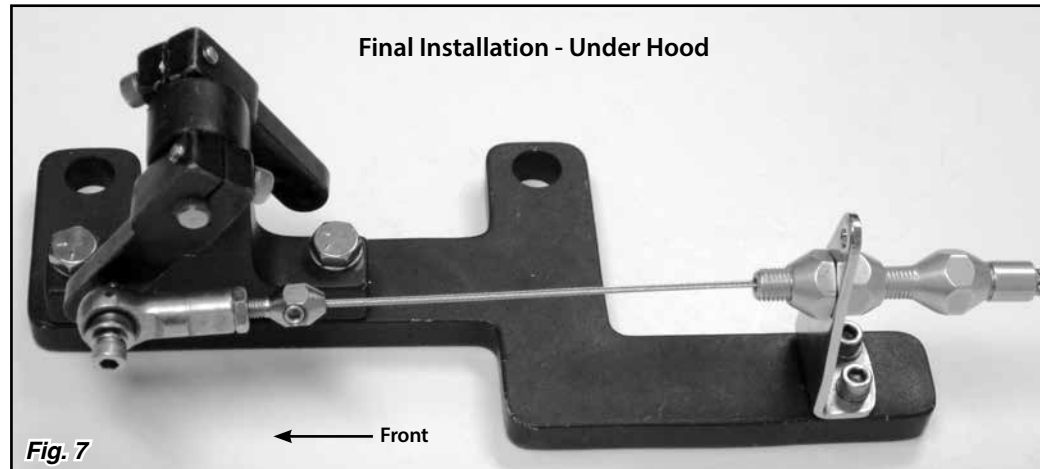
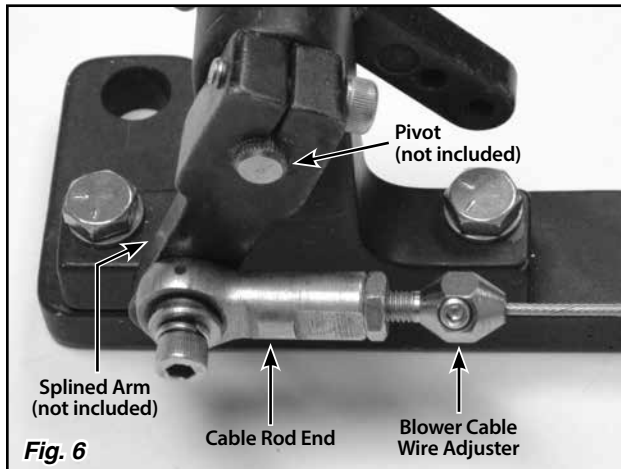
Step 9: Reinstall the inner wire into the cable housing from inside the passenger compartment. Connect the clevis on the new Blower Drive Throttle Cable to the throttle pedal. **Fig. 5**

Step 10: At the engine end of the Blower Drive Throttle Cable, slide the blower cable wire adjuster you removed earlier onto the end of the inner wire, all the way up to the throttle cable adjuster. Cut off the inner wire approximately 1/2" away from the splined arm. Slide the blower cable wire adjuster back out to the end of the inner wire and snug down the set screw. Install the cable rod end onto the blower cable wire adjuster. **Fig. 6**

Step 11: Install the remaining #10 lock washer onto the #10-24 x 1" socket head bolt. Then, install one of the #10 flat washers against the lock washer. Insert the socket head bolt through the rod end and install another #10 flat washer between the rod end and the splined arm. (**NOTE:** If you are installing a Lokar Kickdown Cable at the same time, the blower kickdown bracket goes in between the flat washer and the splined arm). Install the socket head bolt in the threaded hole that is closest to the pivot. **Fig. 6**

Step 12: Adjust the Blower Drive Throttle Cable by removing all of the slack using the adjuster nuts. Your final installation should look like **Fig. 5** and **Fig. 7**.

Check for proper operation of the throttle (and Kickdown Cable if equipped) and adjust as necessary before starting the engine. Make sure there is no binding in the throttle linkage and that the throttle returns to the closed position when the pedal is released.



NOTE: Once the Throttle Cable is installed, make sure that the Throttle Pedal is completely floored when the throttle is wide open. If the Throttle Pedal is not completely floored at wide open throttle, you will need to either adjust the pedal itself or install a pedal stop.