



QUALITY... PLAIN & SIMPLE®

Inglese Induction 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. Do not attempt to install or adjust the throttle cable while the engine is running.

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

NOTE: This Throttle Cable is designed to be installed with a Lokar Throttle Pedal. The Lokar Throttle Cable is designed to be cut-to-fit.

Refer to Fig. 1 and Fig. 2 for the names of the components.

Step 1: If you are using a Lokar or other aftermarket Throttle Pedal, install the Throttle Pedal first, following the instructions that are provided with the Throttle Pedal.

Step 2: The hole in the firewall must line up directly with the hole at the top of the upper arm on the Throttle Pedal. Determine exactly where the Throttle Cable needs to pass through the firewall and drill a 5/16" hole.

Step 3: Use the provided 5/64" Allen wrench to loosen the set screw in the cable wire adjuster. Remove the cable rod end and cable wire adjuster, the throttle cable adjuster, and the cable bracket from the end of the new Lokar Throttle Cable. **DO NOT REMOVE** the ferrule if the cable housing is braided stainless steel! Pull the inner wire out of the cable housing.

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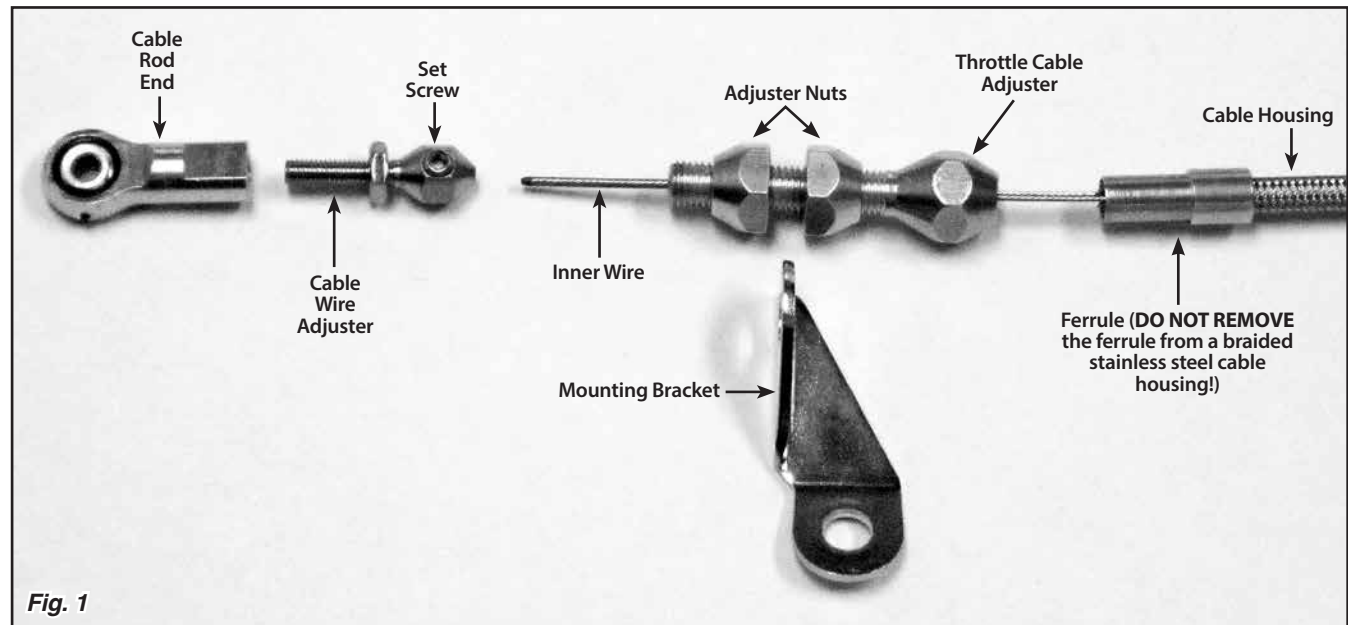


Fig. 1

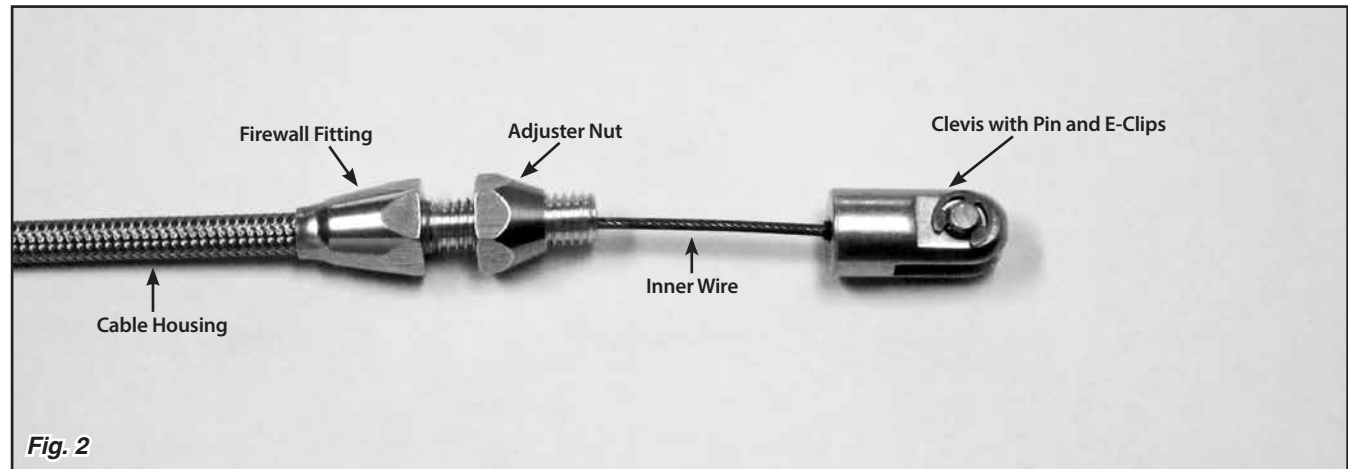


Fig. 2

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Step 4: On the other 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 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. If your Throttle Pedal came with offset washers, they will usually be required in order to get the firewall fitting aligned with the hole in the throttle pedal on a stock firewall.

IF offset washers are required to achieve proper throttle cable alignment, 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 the 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. Then, tighten the adjuster nut.

Step 5: Install the cable bracket and cable adjuster in a location that will allow the inner wire to come straight (both vertically and horizontally) out of the cable adjuster to the Inglese throttle linkage. Position the throttle cable adjuster so that the threaded part of the throttle cable adjuster is approximately centered in the cable bracket. Tighten the adjuster nuts against the bracket.

Make sure the cable bracket is positioned so that the throttle cable adjuster is pointing straight at the throttle connection point on the Inglese linkage. The inner wire cannot rub excessively against the inside of the throttle cable adjuster.

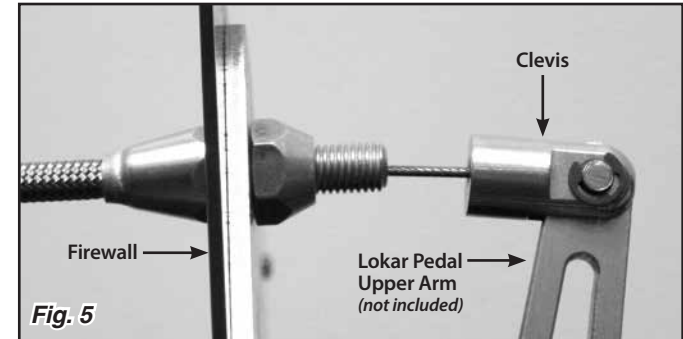
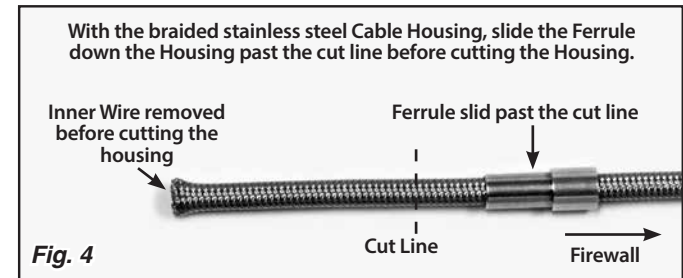
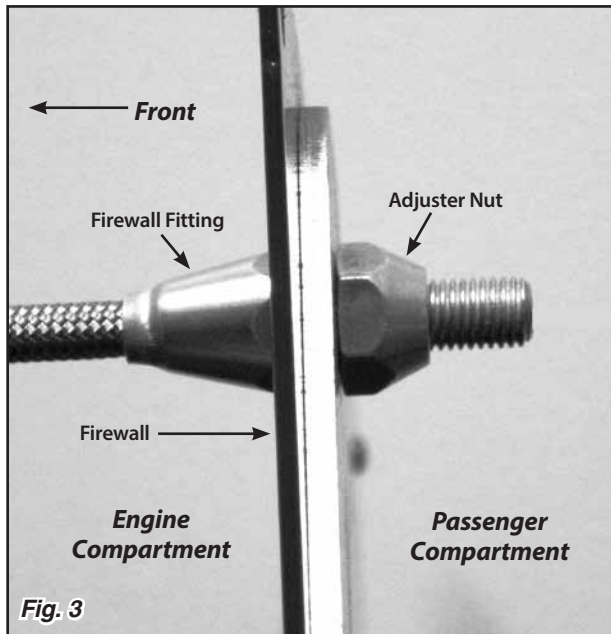
Step 6: **Make sure that the inner wire is removed from the cable housing.** If the cable housing is braided stainless steel, slide the ferrule up the housing towards the firewall, away from the end that is being cut. *Fig. 4*

DO NOT REMOVE the ferrule from a braided stainless steel housing!

If the cable housing is black universal or Vintage Series, remove the ferrule.

Measure the distance between the throttle cable adjuster and the firewall fitting. Add 2" to the measurement and mark the cable housing at that length.

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 7: If the Throttle Cable has the braided stainless steel housing, wrap tape around the cable housing at your mark and use a cutoff wheel or fine-toothed hacksaw to cut the cable housing. If the Throttle Cable has the black universal or Vintage Series housing, cut the cable housing at your mark 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. The ferrule does **NOT** need to be crimped or otherwise attached in place.

NOTE: If you are connecting the Lokar Throttle Cable to an OEM or aftermarket pedal that requires a ball end on the cable, the clevis can be removed by sliding it off of the inner wire at this time.

Step 8: Reinstall the inner wire into the cable housing from inside the passenger compartment. Connect the clevis (or the ball end if the clevis was removed) to the Throttle Pedal. *Fig. 5*

Step 9: At the engine end of the Throttle Cable, slide the cable wire adjuster you removed earlier onto the end of the inner wire, all the way up to the throttle cable adjuster. Mark the inner wire where it meets the connection point on the Inglese linkage arm. Measure 1/2" back towards the cable mounting bracket, and cut the inner wire there. Slide the cable wire adjuster back out to the end of the inner wire. Keep approximately 1" of inner wire inside of the cable wire adjuster, and snug down the set screw. Install the cable rod end onto the cable wire adjuster, threading it on until approximately 3 or 4 of the threads on the cable wire adjuster are still left showing.

Step 10: The cable rod end will connect to the Inglese linkage arm using a #10 bolt (not included). Be sure to use a flat washer (not included) on the outside of the cable rod end, so that the cable rod end is sandwiched between the washer and the linkage arm. You must use either a lock washer (not included) or locking nut (not included) at this connection point.

Step 11: Remove as much slack as you can from the inner wire by loosening the set screw in the cable wire adjuster and sliding the inner wire as far as it will go into the cable rod end. Then, remove any remaining slack using the adjuster nuts. Once the throttle cable is adjusted correctly, fully tighten the set screw and the jam nut on the cable wire adjuster.

Check for proper operation of the throttle (and Kickdown Cable if equipped) 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.