



40 Huntingwood Drive Huntingwood NSW 2148

Phone: (02) 8825 1999 Website: www.aeroflowperformance.com

INSTALLATION MANUAL

AEROFLOW PERFORMANCE

LS THROTTLE CABLE

WARNING!

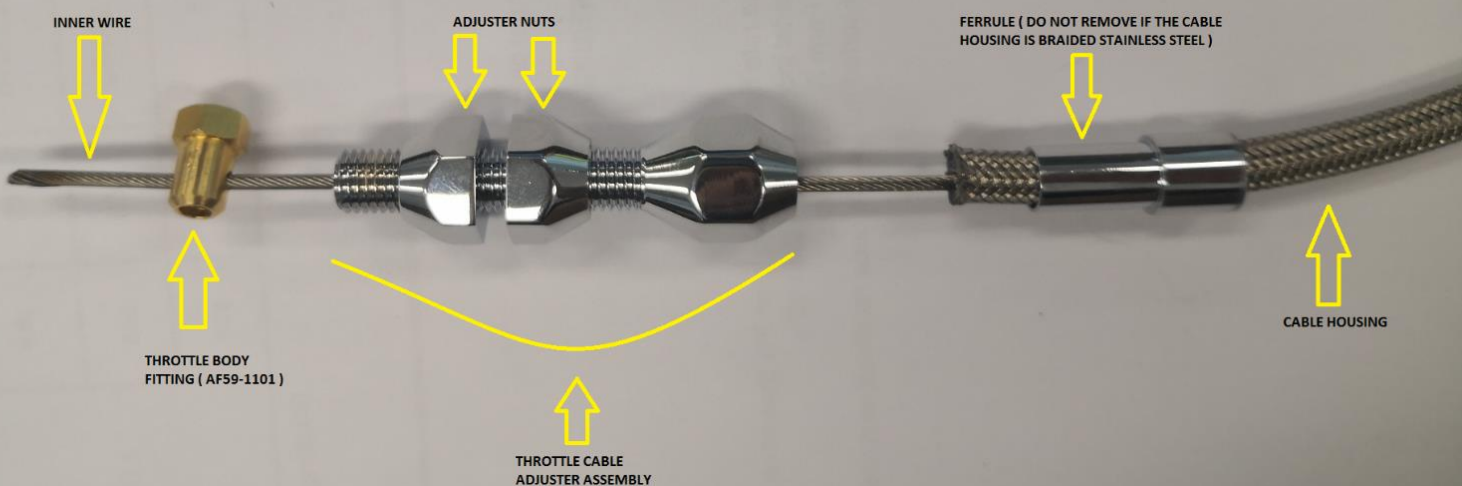
BEFORE PROCEEDING WITH INSTALLATION PLEASE READ INSTRUCTIONS CAREFULLY. THIS PRODUCT REQUIRES DETAILED KNOWLEDGE OF AUTOMOTIVE SYSTEMS. WE RECOMMEND THAT THIS INSTALLATION BE CARRIED OUT BY A QUALIFIED AUTOMOTIVE TECHNICIAN.

INTRODUCTION

Congratulations on your purchase of Aeroflow Performance LS throttle cable. Aeroflow Performance products cannot and will not be responsible for any damage, or other conditions resulting from misapplication of the parts described herein. However, it is our intention to provide the best possible products for our customer, products that perform properly and satisfy your expectations. Should you have any questions? Please call technical support at +61 2 8825 1900 and have the product part number on hand when calling.

WARNING

Before installation, please disconnect the negative battery cable and use wheel blocks to block the car from rolling. Do not attempt to install or adjust the throttle cable while the engine is running. Make sure that the engine, transmission, body and chassis of the car are properly grounded. We recommend the use of anti-seize lubricant on any aluminium threads.



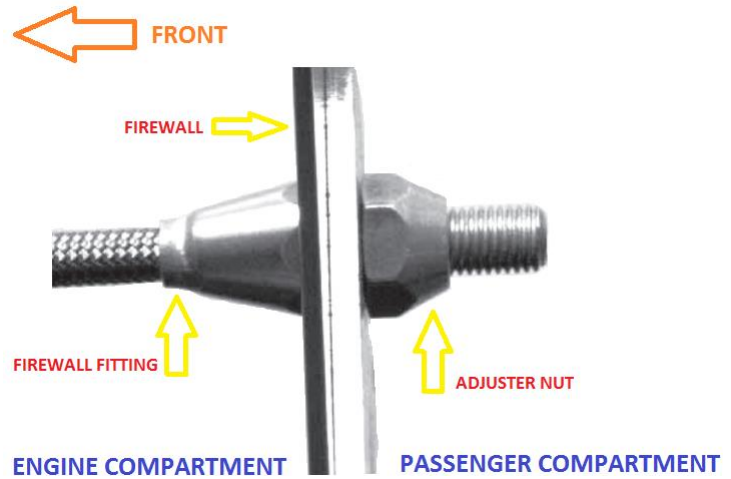
For more information or technical enquires

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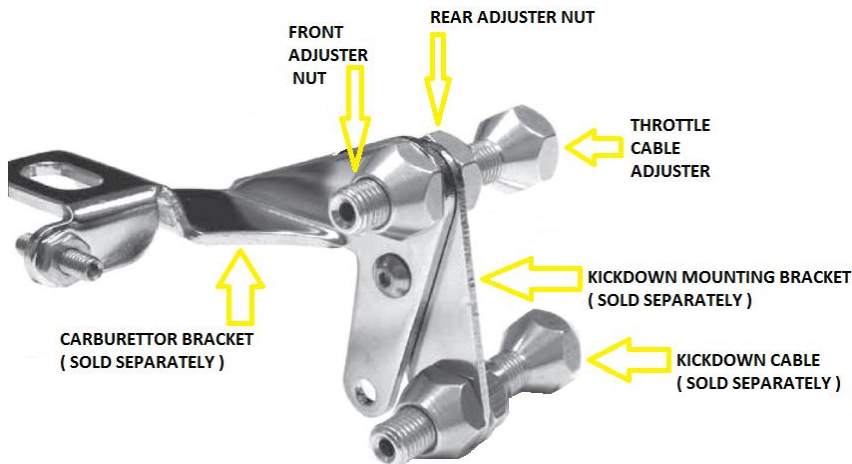
INSTALLATION GUIDELINES

1. The throttle cable hole in the firewall must line up with the hole in the throttle pedal. Determine exactly where the throttle cable needs to pass through the firewall and drill a 5/16" hole.

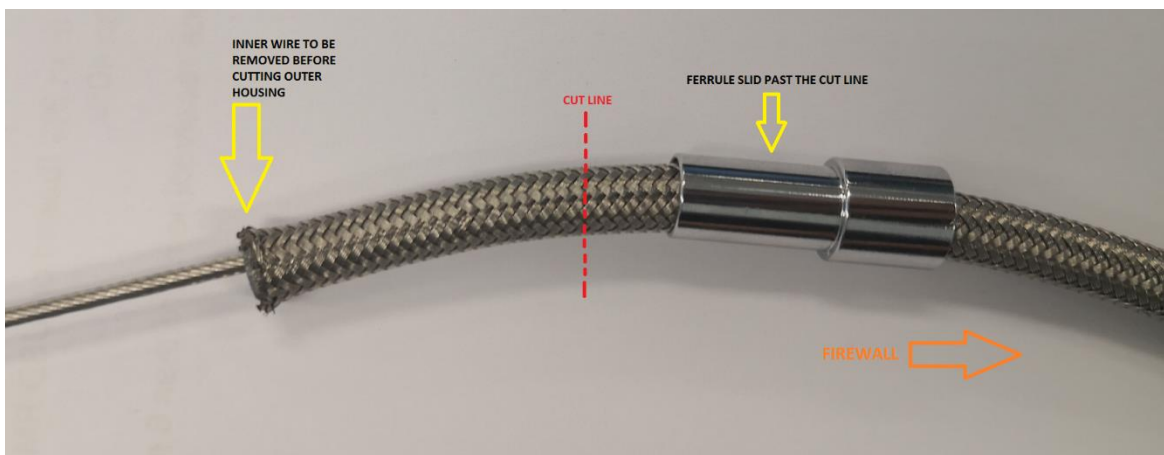


2. From the engine end of the Aeroflow throttle cable, remove the throttle cable adjuster and the carb end assembly. If the cable housing is braided stainless steel, DO NOT REMOVE the ferrule. Pull the inner wire out of the cable housing.
3. From the pedal end of the cable housing, remove the adjuster nut from the firewall fitting. Carefully insert the firewall fitting through the hole in the firewall from the engine side and reinstall the adjuster nut.

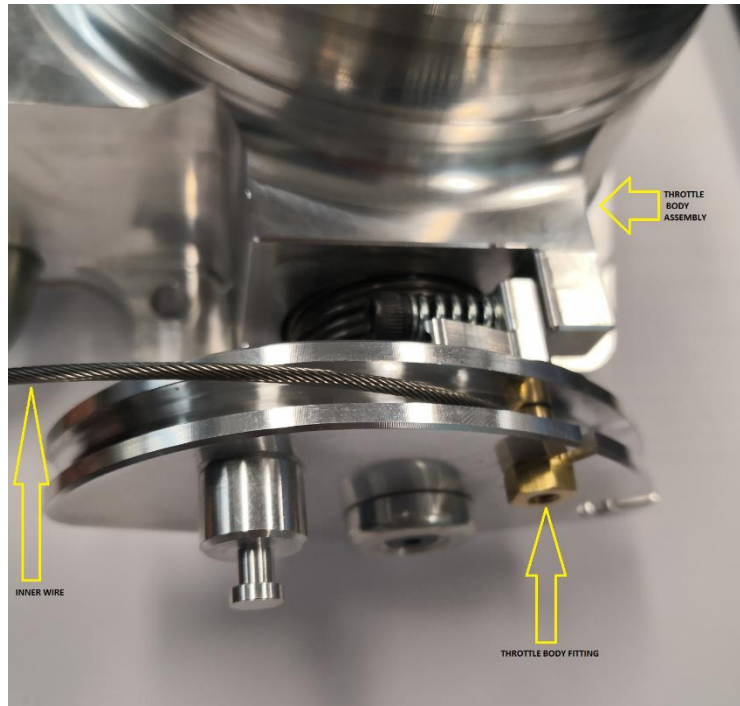
NOTE: The firewall fitting MUST point directly at the hole in the top of the upper arm of the throttle pedal, so that the inner wire does not rub excessively against the inside of the firewall fitting.
4. Remove the front adjuster nut from the throttle cable adjuster and insert the throttle cable adjuster into the throttle cable bracket (bracket sold separately AF64-2172). Position the rear adjuster nut so that the Throttle Cable Bracket is approximately centred on the threaded part of the throttle cable adjuster. Reinstall the front adjuster nut.



5. Make sure that the inner wire is removed from the cable housing before attempting to cut or shorten the throttle cable. If the cable housing is the 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 the braided stainless-steel housing! If the cable housing is black simply slide the ferrule up the throttle cable to not damage it.



6. To cut the throttle cable measure the distance between the throttle cable adjuster and the firewall fitting. Add 2" (50.4mm) to the measurement and mark a cut line on 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.*
7. 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.
8. Reinstall the inner wire into the cable housing from inside the passenger compartment. Connect the throttle body fitting on the throttle cable to the throttle pedal.



9. Depress the throttle pedal to the floor and hold the throttle body at the wide-open throttle position. Pull all the slack out of the inner wire. Mark the inner wire at the spot that the throttle body fitting attaches to the throttle lever or fits into the hole on the pulley.
10. Cut the inner wire 1/4" (6.4mm) longer than the mark. **MAKE SURE** you are not cutting the inner wire too short! Install the throttle body fitting onto the end of the inner wire and tighten the set screws.
11. Still holding the throttle wide open, release the throttle pedal so that it creates slack in the inner wire. Attach the throttle body fitting to the throttle lever or insert it into the slot or groove in the pulley.
12. Release the throttle pedal. Take any slack out of the inner wire with the adjuster nuts. The throttle should be able to close fully, and the pedal should touch the floor at the same time the throttle reaches wide open. **NOTE:** *Check to make sure there is no binding of the throttle cable at both the throttle pedal and at the throttle linkage before starting the engine or driving the vehicle.*



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