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INSTALLATION MANUAL

AEROFLOW PERFORMANCE

PARACHUTE RELEASE CABLE KIT

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.

Item list included in this kit:

1x Parachute release cable (black 5.48m long Teflon lined). (AF59-1000)

1x Parachute handle (AF64-4357)

1x Cable clip with bracket

1x Universal bracket vertical

1x Universal bracket horizontal

1x Cable clip bracket horizontal

1x Cable clip bracket vertical

1x 1/4 rod end

2x 1/4" lock nuts

1x Bushing

3x 5/8" washers

1x 1/4" x 1.5" bolt

1x 1/4" x 3/4" cap screw

2x 10-24 cap screws

2x 10-24 locknuts

2x rubber grommets

INTRODUCTION

Congratulations on your purchase of Aeroflow Performance parachute release cable kit. 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.

This product is designed to work on several styles of race cars and will require modifications to suit each individual vehicle. These instructions given here are generalized and should be used as a guideline only. Make adjustments where necessary to ensure correct operation.

INSTALLATION

1. Find a convenient location for the parachute release lever.
 - I. **NOTE:** the handle must be easily reached when the driver is secured into the seat of the vehicle
 - II. **NOTE:** the lever can be installed to either pull or push.
 - III. **NOTE:** the lever can be installed either vertically or horizontally
2. Loosely assembly the kit and determine where the cable will run in the vehicle. Mark out what brackets are necessary to use or modify and the location of them on the vehicle
 - I. **NOTE:** the holes in the cable clip brackets are space differently. One bracket allows the cable clip to be mounted in line with the cable clip bracket, the other allows you to mount the cable clip on a 90-degree angle.
3. Attach the parachute lever to the mounting bracket by drilling a 1/8" hole in the bracket you have chosen to use (two brackets supplied depending on application, vertically and horizontally).
 - I. **NOTE:** the parachute lever can be shortening down to your desired length. Just trim the bottom of the handle and redrill a hole in the correct position for the bracket.
4. Loosely bolt the parachute lever to the bracket using the 3/4 cap screw and mark the mounting point where it will be installed. Once marked out tack weld to the mounting location to hold it in place.
5. Ensure the parachute release cable is long enough to reach the parachute when attached to the handle.
6. Adjust the cable clip until the cable will reach the handle when mounted in the desired position on the vehicle. Using the supplied 10-24 screws and lock nut screw the cable clip to the cable clip bracket. Secure the bracket to the location via a tack weld.
7. Run the cable to the parachute location.
 - I. **NOTE:** ensure no sharp bends or kinks are in the cable when mounted to provide a smoot operation
 - II. **NOTE:** ensure the cable is not located near extreme heat sources (recommended to heat sleeve if required)
 - III. **NOTE:** ensure cable is not located near anything sharp that could potentially pierce the cable while vehicle is in operation.
8. If the cable passed thorough any body panel of the vehicle ensure to drill a 1/2" and use the rubber grommet supplied to protect the cable.
9. The cable should make a slight curve when it reaches the parachute. Avoid a sharp angle that would cause the cable to pop out of position when operating the vehicle which would cause the parachute to open unexpectedly.
10. Cut the Parachute Release Cable one inch longer than you need it to be.
11. Trim the outer cover of the parachute release cable back 1" to 1-1/4". Slide the supplied black anodised aluminium cable end over the cable and screw on to the cable cover to eliminate cable from fraying and causing parachute bag damage
12. Finally check the operation and positioning of the parachute release cable ensure a smooth operation of both cable and handle. Once happy with operation and position of everything, correctly secure all brackets and tighten up all mounting hardware.



For more information or technical enquires

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