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## AEROFLOW PERFORMANCE FUEL TANK RETURN FITTING

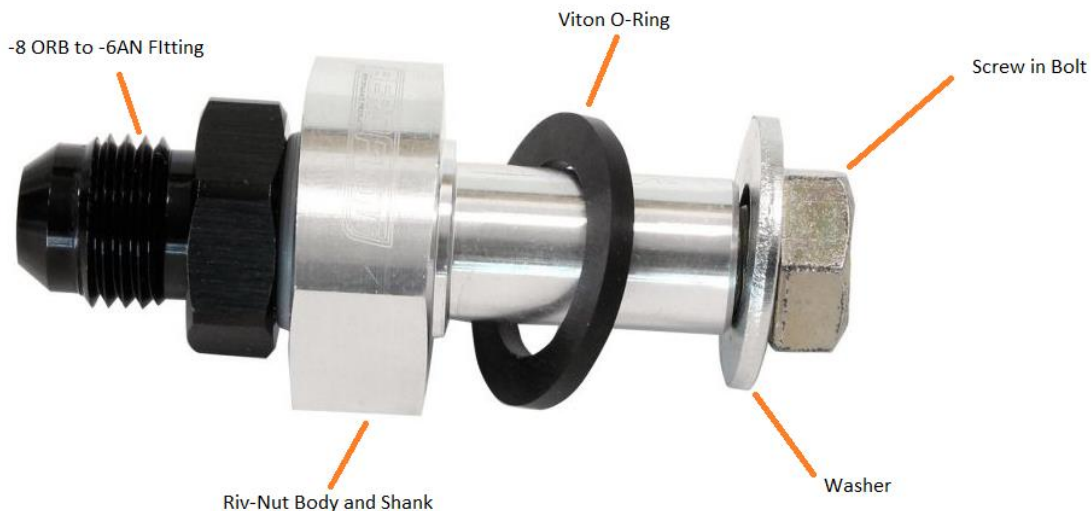
### WARNING!

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 fuel tank return fitting. 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 fuel tank fitting from Aeroflow Performance allows the user to alter a stock tank to have a return fuel line installed with ease. This is great when upgrading to a larger in-line electric fuel pump that requires a return to be installed into the fuel tank. The installation is easy as this acts like a riv-nut insert. Simply drill a hole into the tank, install the riv-nut insert into the tank, and screw in the supplied bolt into the riv-nut then lock it into place. A -8ORB to -6AN Male fitting is included to allow the user to plumb up the return fitting.



*For more information or technical enquires*

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## **INSTALLATION GUIDELINES**

1. Choose the installation point for the fuel tank return fitting on the fuel tank or fuel cell. Ensure that the surface you are installing onto is flat and free from any components that could be interfered with. Mark it with a punch hole so its easier to drill a pilot hole.



2. Using a drill and a 1/2" drill bit suitable for drilling metal. We recommend to drill a small pilot hole (with a smaller drill bit) first to precisely get the position required.



3. Drill out the hole and ensure to thoroughly clean up all metal shavings from the fuel tank and using a deburring tool to clean up the drill hole.

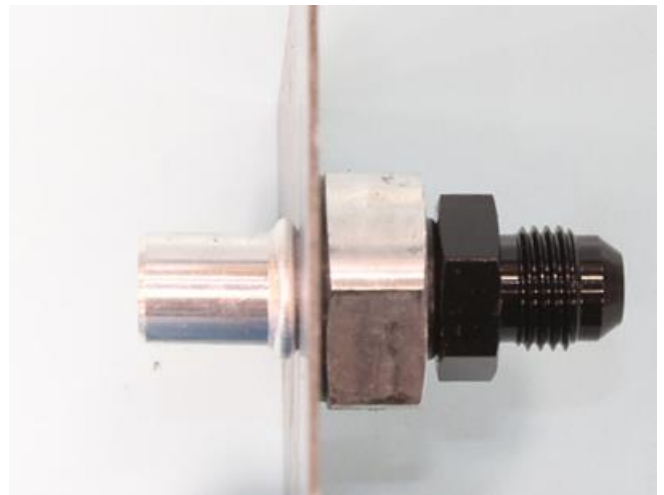
4. Disassemble the fuel tank return fitting out of the packet. Install the Riv-nut body/shank into the hole that was drilled in the previous step ensuring to use the Viton O-ring to help seal it.



5. Place and screw in the bolt and washer onto the top of the riv-nut body. Ensure to grease this bolt up with appropriate anti seize grease. Using a 9/16" (14mm) socket and a 1-inch wrench to securely hold the bung while the fastener is tightened.



6. While the fastener is torqued, it will become progressively tighter, until the walls of the riv-nut body mushroom over and tighten against the inside of the tank or cell.



7. Once the bung begins to collapse, the effort will get slightly easier and then difficult again. At this point, the bung should be correctly installed in the tank/cell. You will see the riv-nut itself will be mushroomed out and the Viton O-ring will be squashed down created the seal.
8. Installed the -8ORB to -6AN fitting and you are ready to go.

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