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# INSTALLATION MANUAL

## AEROFLOW PERFORMANCE

### REMOTE FILTER HEAD

#### 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 Billet remote filter head with top entry

1x 3/4"-16 filter thread

2x -8AN male slimline port plugs

#### INTRODUCTION

Congratulations on your purchase of Aeroflow Performance billet remote filter head (side entry). 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 for use with an oil filter relocation kit and is designed for universal applications. It is anodised black finish. Both inlet and outlet ports are female -8AN O-ring. Also included on filter head is a 1/8" NPT port for auxiliary purposes. This is a side entry with dual ports, not all port has to be utilised for this product to function correctly. If any ports are unused ensure to block them up with a -8AN O-ring male port plug.

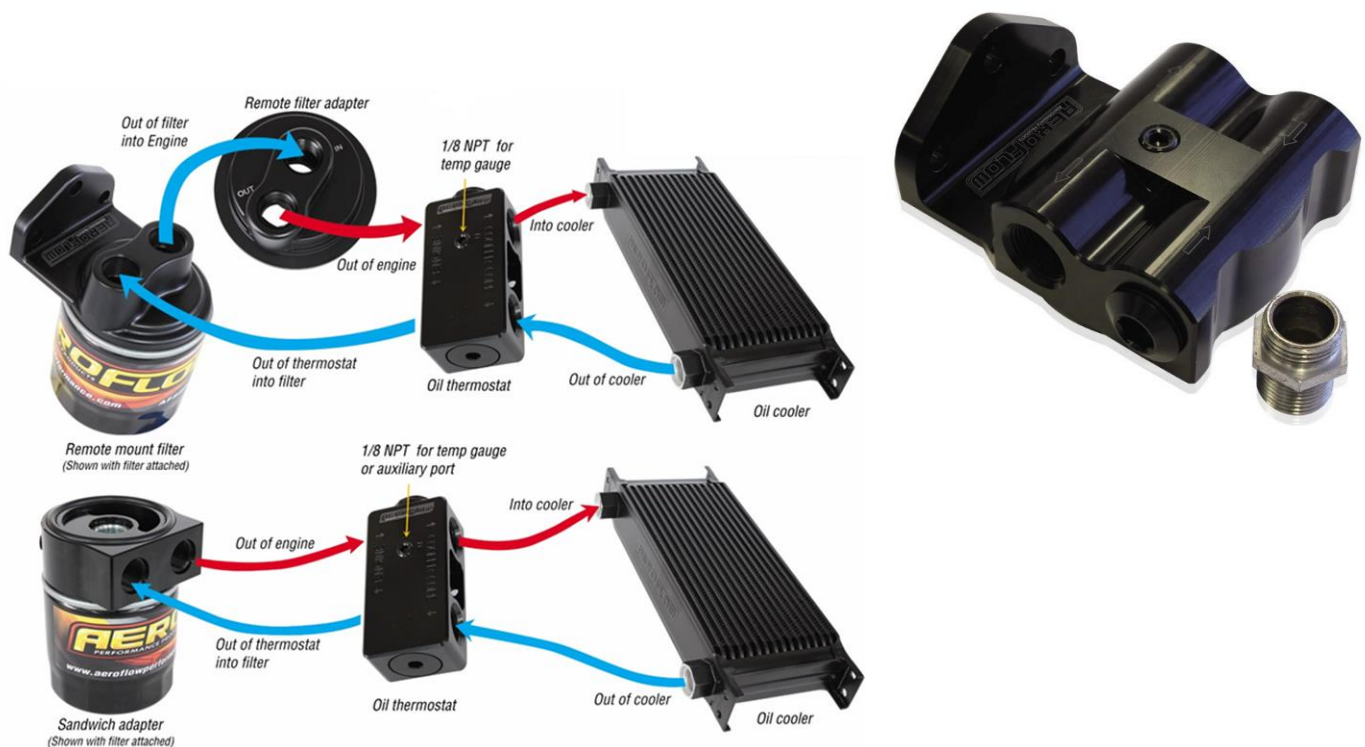
This product has a 3/4"-16 filter thread insert supplied with kit. Can also be purchased separately (AF59-2075). Oil filters designed to work with this product are:

1. AF2296-3001 (RYCO Z9) large oil filter with internal bypass.
2. AF2296-2008 (RYCO Z145A) small oil filter with no internal bypass.

Other oil filters may be used if the sealing O-ring on the filters provided above have the same inner and outer dimensions to allow the oil filter to seal.

## INSTALLATION

1. Drain engine oil from vehicle when installing this product. A complete oil change is not necessary for this install but it is recommended if the oil has not been changed in within 5000 kilometres.
2. Ensure to clean out the remote oil filter head and it is free of any aluminium chips or burrs that could become dislodged in operation.
3. Select the best location for the remote oil filter head.
  - I. **NOTE:** make sure the oil filter has sufficient ground clearance to avoid anything that could piece the oil filter.
  - II. **NOTE:** make sure the oil filter is in a convenient and easy to get to spot so that it can easily be accessed for future services.
  - III. **NOTE:** the remote oil filter head can be mounted vertically and horizontally for your convenience
4. Use the remote oil filter mounting bracket as a template and mark the mounting holes with a grease pen or scribe. Centre punch the hole locations and make sure underside is free and clear from any obstructions. Drill three 3/8" holes through surface.
5. Place remote oil filter bracket onto mounting location and attach using appropriate hardware and fasteners to secure the oil filter head.
6. Once fitted to vehicle install the appropriately sized oil filter. First by lubricating the O-ring on the oil filter and spin on the oil filter to the filter head.
  - I. **NOTE:** if the filter head is mounted vertically it is recommended to fill the oil filter with the correct oil before installing to allow oil pressure to build quicker.
7. Plumb up remote oil filter head using appropriate hose and fittings to the engine. If you are unsure, please contact a professional for advice.
  - I. **NOTE:** oil filter head fittings are clearly marked with arrows indicating IN & OUT please ensure to take note of this when plumbing up lines and fittings.
8. If a complete oil change was necessary, add new oil to engine. Start engine and check for oil pressure via the dash light or gauge.
  - I. **WARNING:** if no oil pressure is built up in 5 seconds turn engine off immediately to avoid any damage to engine components.
9. Let the engine idle for five minutes once oil pressure has been established. Check all connections for oil leakage while engine is running. Turn engine off and check oil level on dipstick. Oil level may indicate "low" because of oil required to fill new hoses. Add additional oil to full line on dipstick.



For more information or technical enquires

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