



40 Huntingwood Drive Huntingwood NSW 2148

Phone: (02) 8825 1999 Website: [www.aeroflowperformance.com](http://www.aeroflowperformance.com)

# INSTALLATION MANUAL

## AEROFLOW PERFORMANCE

### LS OIL COOLER ADAPTER

## 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 billet LS series oil cooler adapter. 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 bolt on to LS series engines that have a rear sump oil pan attached (LS1/LS6, LS2, LS9, LSA). **NOTE: it is not suitable for front-sump oil pans installed on Holden Commodore / GTO recommend to use Aeroflow Performance part number AF64-2114BLK.**

**If using this LS oil cooler adapter in a Holden Commodore VT-VZ you require the use of a spacer (AF64-2184BLK Sold Separately)**

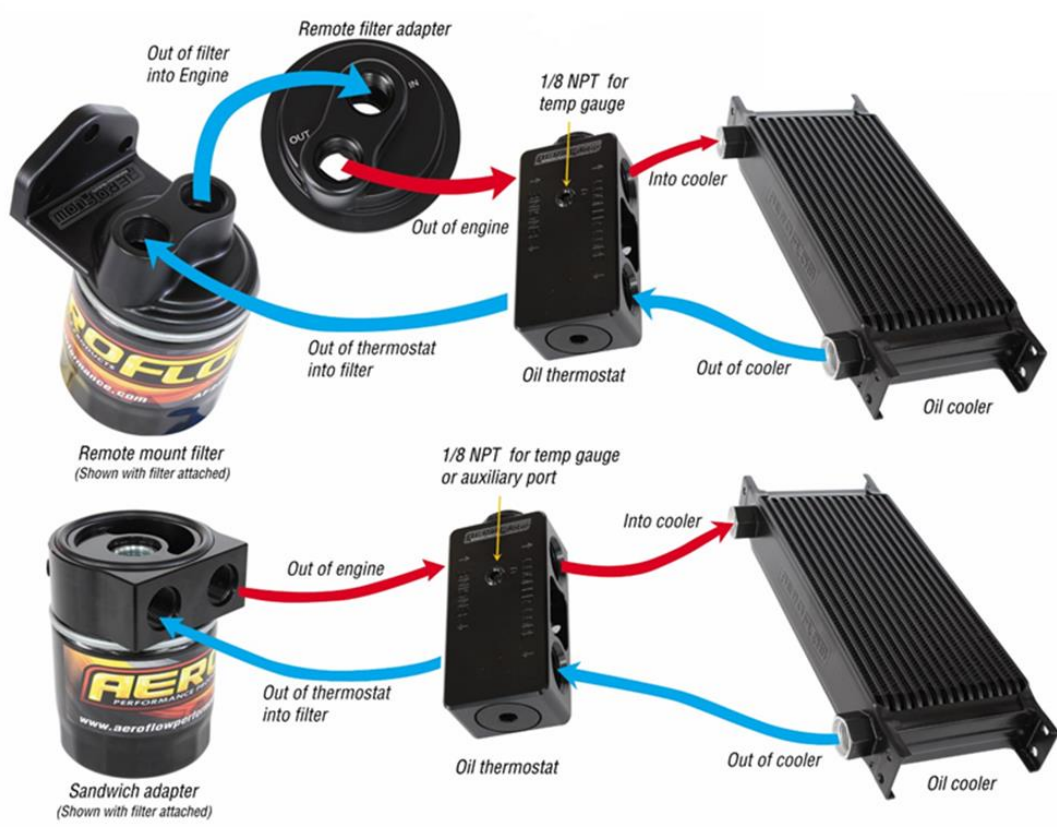
This product allows you to redirect your engine oil to an externally mounted oil cooler (not included). It features two female -10 O-ring ports and two 1/8" NPT ports for auxiliary purposes. **NOTE:** Ensure to block the ports not being used with the port plugs supplied in the kit and use a small amount of Aeroflow Performance AeroSeal to seal the thread.

### 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. Remove the two-oil port cover retaining bolts and the oil port cover from vehicle. Be sure to remove the factory gasket as well and clean the surface on the engine block
3. Install the gasket onto the adaptor along with the two allen key retaining bolts and install onto the oil pan of vehicle.
4. Torque allen key bolts between 9 ft-lbs to 10 ft-lbs.
5. Install appropriate oil cooler to vehicle.
6. Using appropriate fittings and lines plump up this oil cooler adaptor from engine block to oil cooler
7. Once oil cooler is plumbed into oil system, 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.
8. 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.



# AF64-2184BLK Spacer



For more information or technical enquires

Contact: Aeroflow Performance on

Phone: (02) 8825 1979 Website: [www.aeroflowperformance.com](http://www.aeroflowperformance.com)