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INSTALLATION MANUAL

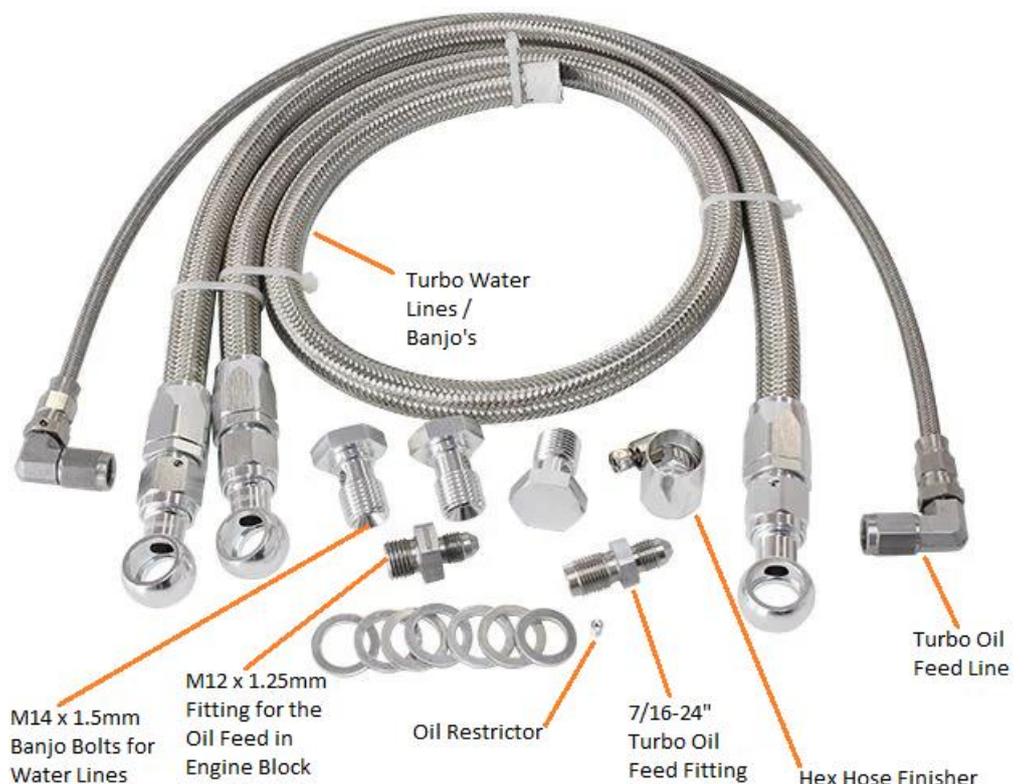
AEROFLOW PERFORMANCE NISSAN RB20, RB25, RB30

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 -3AN oil feed line (includes stainless 90° fitting on both sides with 200 series Teflon braided line)
- 1x Stainless Steel 7/16 Fitting to -3AN
- 1x Stainless steel M12 1.25mm to -3AN fitting
- 1x -3AN extra olive for adjust length if required
- 1x 1mm oil restrictor to fit -3AN oil feed line
- 1x -6AN coolant line (includes 150 series straight fittings, attached is 14mm banjo fittings on both ends with 100 series rubber braided line)
- 1x -6AN coolant line (includes 150 series straight fitting, attached is an 14mm banjo fitting with 100 series rubber braided line)
- 3x M14 1.5mm banjo bolts
- 1x Hose hex finisher
- 7x Aluminium crush washers



INTRODUCTION

Congratulations on your purchase of Aeroflow Performance Nissan RB20, RB25, RB30 turbo and water lines. 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 suits Nissan RB20, RB25, RB30 engines with low mount turbo configuration. Designed to suit aftermarket turbochargers only. Additional fittings are required to fit standard Nissan Turbocharger. RB20 Factory turbo is M16 x 1.5mm Banjo Bolt. RB25 Factory turbo is M18 x 1.5mm Banjo Bolt. RB30 Factory turbo is M18 x 1.5mm Banjo Bolt. We recommend AF336-03 bolt for both RB20 and RB30 turbochargers.

STEP 1: REMOVAL

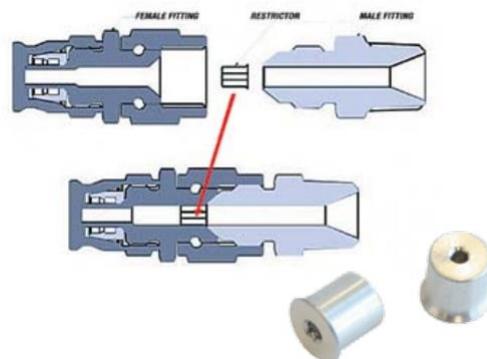
1. Remove factory intercooler pipes and air intake pipes from turbo side of engine. Ensure to refer to factory service manual.
2. Following factory service manual remove turbo and manifold assembly from vehicle.
 - I. Disassemble the turbo and manifold assembly from the vehicle.
 - II. Ensure to keep all bolts, spacers, gaskets, stock hard lines as these may be required for reinstallation.

STEP 2: ASSEMBLY

1. Install M12 x 1.25mm fitting into engine block with a new crush washer supplied.
2. Install 7/16-24" fitting into top of turbo.
 - I. One extra olive is included in this kit if you wish to change to length of the oil feed line.
 - II. Install oil restrictor into -3AN fitting that connects to banjo fitting on top of turbo when installing oil feed line.
3. Install water feed line and route line to front of engine. Remove old rubber line and cut braided line to correct length to fit over pipe. Clamp down with hex hose finisher supplied with kit.
4. When routing water line ensure it will not interfere with manifold or exhaust of vehicle. Keeping it away from direct contact at all times taking into account engine movement.
5. Install water lines to turbo using new banjo fittings and banjo bolts with new supplied crush washers

STEP 3: INSTALLATION

1. Following factory service manual reinstall turbo and manifold assembly to vehicle.
 - I. Note when installing new braided lines to oil feed and water lines do not overtighten fittings as this will damage them.
 - II. When routing water line ensure it will not interfere with manifold or exhaust of vehicle. Keeping it away from direct contact at all times taking into account engine movement.
2. Reinstall intercooler and air intake piping to vehicle following factory service manual.
3. Start engine and ensure to check for leaks from any fittings or lines before driving vehicle.
4. If no signs of leakage have been found on the final inspection, then the installation is complete.



For more information or technical enquires

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