



Installation Manual

Remote Oil Filter Head 4-Port

RTS-OM3303

Included Items	QTY
RTS-OM3303 Remote Oil Filter Head	1
PFEOS-OB2110 Thread Insert 13/16"-16	1

WARNING: PLEASE READ ALL INSTRUCTIONS BEFORE PROCEEDING. RTS WILL NOT BE RESPONSIBLE FOR ANY DAMAGE AS A RESULT OF THE INCORRECT INSTALLATION OF THIS PRODUCT. IT IS RECOMMENDED THAT A QUALIFIED AUTOMOTIVE TECHNICIAN PERFORMS THIS INSTALLATION.

This remote oil filter head allows you to relocate your oil filter for easy access and quick servicing. It also gives you the option to run an oil cooler before entering back into the engine with the appropriate engine adaptor. It has a 13/16"-16 thread and suits a large filter such as a FRAM HP4 filter. It has 4x AN12 ORB side ports which give you a variety of plumbing options and an integrated mounting bracket with hardware for simple installation.

Typical Installation

1. Drain engine oil from vehicle following the factory service manual of the vehicle.
2. Remove the vehicles factory oil filter by unscrewing it from the block.
3. Ensure to clean out the filter head adaptor of any aluminium chips or burrs from the machining process.
4. Find a suitable and accessible location to mount the remote oil filter adaptor using its integrated bracket.
5. Install the supplied threaded nipple into the bottom of the adaptor until tight.
6. Mark and drill the required mounting holes for the new remote filter adaptor. Ensure there is clearance for the filter and fittings.
7. Attach to the vehicle using the appropriate bolts and washers.
8. Install a new oil filter onto the remote adaptor by screwing it onto the nipple. Hand tighten the filter. Apply a coat of oil to the filters gasket prior.
Note: If the filter is mounted vertically, it is recommended to fill the oil filter up with oil to assist in oil pressure build-up upon starting the engine.
9. Plumb the remote filter mount with the appropriate hose and fittings to the engine and/or oil cooler.

10. Block off any unused ports off with the appropriate AN12 ORB plugs (sold separately).

Note: All ports on the remote filter adaptor are labelled in and out for your convenience.

11. Re-check all fittings are securely fastened. Ensure all hoses are routed away from high heat sources or moving components.

12. Add new engine oil to the vehicle and start the engine to check for correct oil pressure via a gauge.

WARNING: If no oil pressure is built-up within 5 seconds, turn the engine off completely to avoid any internal component damage.

13. Let the engine idle for 5-10 minutes once oil pressure is established and check all connections and components for oil leaks.

14. Turn the engine off and check the oil level dipstick. The dipstick may read low as the new hose connections are filled up with oil. Add additional fluid to the vehicle as required.

