



[www.pure-motorsport.co.uk](http://www.pure-motorsport.co.uk)

01841 531102

### Renault Clio 172/182 Racing Exhaust Manifold Fitting Instructions.

This racing 4-2-1 exhaust manifold is suitable and essential to make maximum power with engines using high lift, long duration camshafts and individual throttle body fuel injection.

It has separate primary and secondary pipes so that the manifold can be fitted without removing the subframe,

This manifold can be fitted with our racing exhaust systems or we can supply a link pipe for you to fit up to your existing exhaust (this option will require some modification dependent on exhaust fitted).

The exhaust manifold cannot be fitted with the standard inlet manifold as the primary pipes come over the rear of the engine so that we could get the required length into the engine bay. You will have to have individual throttle bodies.

### Fitting.

We strongly recommend that a professional with suitable experience fit this exhaust manifold.

With the vehicle on a ramp, remove the original exhaust manifold.

On a 172, you can jack up the engine, remove the right hand engine mounting, remove the top engine breather plate and pull the manifold out from the top. On a 182 you will need to remove the subframe to get the original manifold out from below.

With the engine breather plate and right hand engine mount removed:

Drop the secondary pipes roughly into place between the body and subframe.

Clean the manifold flange face on the head, fit the new gasket and drop the new primary pipes in from above, pulling the engine forward as you do so - fit the flange over the studs and tighten the nuts.

From below, slot the secondary pipes onto the primaries and fit the retaining springs.

Place the Aeroquip fitting inside the secondary outlet, place the clamp over the top and fit the cat or decat section (with lambda boss facing to the left) into the clamp and partially tighten nut and bolt so there is still some movement in the joint.

Fit the rest of the exhaust to the link pipe.

Swap the lambda sensor(s) over and plug them back in.



Ensure that all engine bay components are suitably protected with heatshield material. Do not wrap the exhaust in anything.



If you get stuck please ring for help and advice.

[www.pure-motorsport.co.uk](http://www.pure-motorsport.co.uk)

[enquiries@pure-motorsport.co.uk](mailto:enquiries@pure-motorsport.co.uk)

01841 531102