



# 4G63 BIG PORT BILLET INTAKE INSTALLATION INSTRUCTIONS

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## Parts supplied

1 x intake manifold

1 x fuel rail ( 2 x fuel rails included for race series )

1 x throttle body

1 x bag of assorted fittings and o-rings

## Procedure

1. Remove the factory inlet manifold
2. Make sure the cylinder head surface is smooth and clean
3. Install the supplied o-rings into the groove on the intake manifold
4. Install the intake manifold onto the cylinder head. Bolts are not supplied for fitment between the intake manifold and the cylinder head.
5. Fit the "head" fuel rail onto the cylinder head using the M8 x 60 bolts and spacers supplied. The fuel rail is designed to suit full length 11mm injectors.
6. If running a **race series manifold**, a second fuel rail is supplied. Fit this fuel rail to the manifold using the M8 x 60 bolts and secondary spacers supplied (with the big chamfer on the bottom). This fuel rail is designed to suit a full length 14mm injector.
7. Assemble the throttle body onto the manifold using the M8x25 bolts.
8. The vacuum/fittings ports on the manifold are tapped to 1/8 NPT and 1/4 NPT for your convenience.