

# PLAZMAMAN

## TB48 BILLET INTAKE PLENUM INSTALLATION INSTRUCTIONS

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### Parts supplied

1 x Billet intake manifold

1 x Fuel rail (or 2 x fuel rails if running 12 injectors)

6 x O-rings

1 x Assorted bolts & fittings

### Installation Procedure

1. Remove the factory inlet plenum.
2. Make sure cylinder head surface is clean and smooth.
3. Place O-rings into grooves on face of intake manifold.
4. Install plenum to cylinder head. Bolts are not supplied for fitment between cylinder head and intake manifold.
5. Install fuel rail stands into manifold, and tighten. Stands are designed to suit a full length injector. Stands may need to be shortened, or an extension used on your injectors to suit otherwise. Two grooves are machined in the stand to show where to cut the stand to suit a  $\frac{3}{4}$  or  $\frac{1}{2}$  length injector. The hole may need to be tapped deeper to suit the shorter stand.
6. Install the injectors into the fuel rail using a small amount of Vaseline or grease to help the injectors into the bores.
7. Install fuel rail and injector assembly onto manifold using M8 x 20 bolts to secure the rail to the stands. (If running a 12-injector style, install the supplied round spacer between the two rails, and use the M8 x 65 bolts to secure both rails to the manifold.) The threads in the fuel rail are machined to -8AN.
8. Attach the Plazmaman billet throttle body using the supplied M8 x 25 bolts and spring washers.
9. The vacuum/fittings ports on the manifold are tapped to 1/8 NPT and 1/4 NPT for your convenience.