

PLAZMAMAN

SR14/S15 DET BILLET INTAKE PLENUM INSTALLATION INSTRUCTIONS

Parts supplied

1 x Billet intake manifold

1 x Fuel rail (or 2 x fuel rails if running 8 injectors)

5 x O-rings

1 x bag of 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. The large O-ring goes around the front intake port, and the smaller O-ring goes around the front water port. The other 3 O-rings go around cylinders 2, 3 and 4 intake ports.
4. It is **highly recommended** that sealing compound be used around **the front water port** on the cylinder head as well as the supplied O-ring.
5. Install plenum to cylinder head. Bolts are not supplied for fitment between cylinder head and intake manifold.
6. Install fuel rail stands into manifold, and tighten. Stands are designed to suit a full length 14mm injector. Stands may need to be shortened, or an extension used on your injectors to suit otherwise.
7. Install the injectors into the fuel rail, and then install fuel rail and injector assembly onto manifold using M8 x 20 bolts to secure the rail to the stands. **(If running an 8-injector style, install the second rail and injector assembly using the supplied round spacers between the two rails. Use the M8 x 65 bolts to secure both rails to the manifold.)** It is recommended to use a small amount of Vaseline/rubber grease on the O-rings on the injectors.
8. Use the supplied M8 x 25 bolts and spring washers to attach the Plazmaman billet throttle body to the plenum (if required).
9. The vacuum ports on the bottom of the plenum are tapped 1/8 NPT and ¼ NPT. Fittings are not supplied for these ports.
10. A remote mount is supplied for IAC motor. If not running IAC, simply block off the port using the supplied plug. If running IAC, screw fittings into the plenum and the remote mounting block. Attach remote mounting block in a convenient location in your engine bay, and run a hose between the plenum and the remote mount. Then run another hose into the intake side of you piping system.