

## **2004-2011 RX-8 Renesis Engine Intake Manifold Adapter Plate**

Part No. 16480 & 16481

The enclosed Racing Beat-manufactured adapter plate, as delivered, is machined to match either the RX-8 "High Power" 6-Port Renesis Engine with the 6-port intake sleeves removed or the "Standard Power" 4-Port Renesis engine. The porting configurations of these adapters will match their respective Racing Beat-manufactured 6-Port or 4-Port Holley and Weber downdraft manifolds, as offered for the 1986-92 13B engine configurations.

We strongly recommend the use of new gaskets on both sides of the adapter plate when installing this component onto your RX-8 Renesis engine. Failure to do so will increase the likelihood of vacuum leaks at the mating surfaces: used gaskets are permanently deformed and less likely to seal adequately.

While the Mazda Factory 4-Port engine-to-manifold gasket requires no special attention, the Mazda Factory 6-Port engine-to-intake manifold gasket that will be sandwiched between the engine and the adapter plate will require the following alteration prior to assembly: Drill out the four (4) rivets that assemble the gasket and use only the two (2) inner layers of the gasket assembly that are normally mounted nearest the engine.

Torque specifications: 15 foot-pounds at all points, evenly torqued.