

# ASSISTANCE REQUIRED



## AERO Outlaw RX-7 Blown Alky Toyota V8

The all Japanese Supercharged Outlaw RX-7 showed huge potential early in the season, with a 8.025et @ 172.74mph on a very soft tune, taking it up to the Supercharged Outlaw Chevy's and Hemi's in the field. A low seven-second pass would only take a season to accomplish – maybe even a six second pass with a 3 speed B & J gearbox and slider clutch.

AERO Racing had spent considerable time and effort strengthening the steel 4.7 litre block, with a CNC crank brace, but the rigors of blown alky racing took its toll on the block. All eight bores split, and the mains were almost cracked through. That was with 39 pounds boost – a blown alky engine must take up to 50 pounds boost and huge forces on the bottom end of the engine. All other aspects of the engine were good – heads, cams, bearings etc and the design of components was sound.

The easy option would be to buy an off the shelf Chevy combo. We may still have to. But the vision is to pioneer a new breed of late model quad cam Japanese Blown Alky V8's to replace the old pushrod dinosaurs. Can you catch the vision?

### New CNC Billet Ally Block

We would like to design and manufacture a new block from solid billet aluminium – that way the engine will take our tune. The design would allow for more cubes – up to 330 cubic inches – and will be modeled on the Saintry quad cam Top Fuel engine made in Sydney.

### How can you help? What we need.

- Funds to complete the process – a sponsorship deal would be forthcoming.
- Measuring of the Toyota block – a high precision Coordinated Measuring Machine is required to load the measurements into digital format. Donation of time and use of a machine would assist.
- 3D Modeling of the digital information into a finished design. Donation of time and use of a cad specialist would assist.
- Donation of the required aluminium billet – Alumec 89 is the preferred type.
- CNC Machine – a Tool Path program is required to direct the CNC machine to machine the billet, then the machine does it's work under supervision of a machinist. Donation of the machinist's time and use of the CNC machine would assist.

### Contact us now to assist:

Paul Carey – Owner/Driver      0418 959 892 or Frank Boother – Crew Chief      0428 196 903

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