

# The Metro 6R4 rally car

*By Murray Jamison*

**“What do you get when you cross a boring city car with a Jaguar XJ 220?**

**Answer:** a complete Frankenstein of a car, that’s fast, loud and looking nothing like what it was or came from! Was it an Austin/MG/Rover/Mini or Metro?

The Metro 6R4 rally car: the engine used some engine architecture of the Cosworth DFV. It revved out to over 10,000 rpm. It was eventually passed on to Ton Walkinshaw and placed into the XJ200 with a couple of turbos bolted on. Williams Gran Prix engineering has been entrusted with the development of the 6R4.

The Metros 2991cc V6, 4WD engine had consistency of torque. The maximum is 270 lb foot at 6500rpm, but the curve remains above the 230lb foot between 5000-9000rpm. Time in gears is dependant on gear ratio and tyre size. “

No to increase cars top speed, but to make acceleration time from corner to corner very quick. 1.2sec to 30mph; 3.2sec to 60mph and 8.2 sec to 100mph.

A quarter mile: 11.5sec. Top speed approx. 120mph.

The RXR4’s performance in the quarter mile would put many purpose-built dragsters to shame.

*Murray*

