

One of the most sophisticated engines at Indy this year isn't in a race car. It's in a Buick.

Surprised? You shouldn't be. Because when you consider what a great honor it is to be selected as the Indy pace car, you just know we at Buick had to come up with something special for the occasion. And we did. In the form of a specially modified

Riviera convertible with a completely computer controlled 4.1 liter V6 engine that's twin turbocharged. That's right—two turbochargers. Something you don't find in your average Indy pace car. Or even an Indy race car.

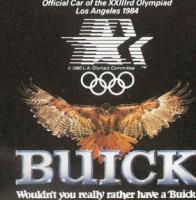
Engine	Special Stage II V6 with 4-bolt main bearings (available through Buick dealers)
Displacement	4.1 liters, 252 cu. in.
Compression Ratio	8.0:1
Horsepower	410 @ 5,700 r.p.m.
Cylinder Heads	Special Stage II 6-bolt type (available through Buick dealers)
Valve Train	Hydraulic; needle bearing rocker arms
Crankshaft	Forged steel
Connecting rods	Forged steel
Pistons	Forged aluminum
Engine control system	Delco Electronics overlapping sequential fuel injection, controlled by AC double mass flow sensors, averaged by computer
Special features	Electronic Water/Methanol injection system
Turbochargers	Twin turbochargers with adjustable boost
Wastegates	Computer controlled
Boost pressure	Adjustable, computer controlled 5 to 10 p.s.i.
Ignition system	Special high-performance computer controlled coil system (eliminates mechanical distributor)
Exhaust	3" diameter stainless steel out pipes feeding into dual 2 1/4" pipes with 4 resonators
Transmission	Special Turbo-Hydramatic 325 4-speed automatic
Final drive ratio	3.36:1
Wheels	Specially made 15 x 7 inch wire spoke
Tires	Goodyear P225/70HR15 radial

So when you see that classic tan Riviera out there ahead of everyone else, remember the sophisticated Buick technology that put it there. You might say that we've really taken the honor to heart. The heart of our pace car.

Sorry to say this one-of-a-kind

Buick isn't for sale. But if you'll visit your dealer, you'll find plenty of inspired engineering in the Buicks he has on display.

Some Buicks are equipped with engines produced by other GM divisions, subsidiaries, or affiliated companies worldwide.



Official Car of the XXIIIrd Olympiad
Los Angeles 1984



BUICK
Wouldn't you really rather have a Buick?

