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The new Nissan GT-R isn't riding on air — it's riding on nitrogen.

Photo courtesy: Nissan

TIRE TECHNOLOGY

New Nissan to feature tires filled with nitrogen

WHEN THE SPORTY 2009 Nissan GT-R makes its U.S. debut this month, every car will arrive in the country with nitrogen-filled tires, exclusively developed for Nissan and the GT-R.

This model was first released in Japan in 2007, and each American-market vehicle comes equipped with Bridgestone RE070R high performance run-flat summer tires, Dunlop SP Sport 600 DSST run-flat summer tires or Dunlop SP Sport 7010 A/S DSST run-flat all-season tires.

The automaker says no Nissan dealership will be certified to sell a GT-R unless it can provide access to nitrogen in order to maintain the tires in top factory-issue condition.

With that in mind, the company has selected the PurigeN98 high-purity nitrogen tire inflation system from N2Revolution, Inc. as its "recommended and approved service equipment" necessary for dealer service shop certification regarding the GT-R marque.

"Nitrogen-filled tires help maintain proper tire pressure on all cars, which, in turn, helps improve fuel efficiency and reduce tire wear," says Robin Pearl, PurigeN98's president. "And, because nitrogen molecules are more stable than those of oxygen and contain no moisture, the gas doesn't degrade the rubber or steel belts or leak through the walls of tires as quickly. As a result, drivers can realize significant savings on both fuel and tire replacement costs."