

Honeywell Cautions against Non-Genuine Turbochargers for Russia's Aftermarket Sector

Honeywell Transportation Systems through its 'Insist on Genuine' campaign, demonstrates the risks associated with copy turbos, while highlighting the true value of genuine replacement parts for garages and consumers in Russia

MMOSCOW – Aug. 26, 2013 – Honeywell (NYSE: HON) Turbo Technologies, a leading global provider of automotive turbocharger technology, is using this year's Automechanika fair in Moscow to reinforce the importance of genuine turbochargers for vehicle owners in Russia. Since 2007, Honeywell has been executing a robust strategy against non-genuine turbos to protect consumers and garage professionals from the risks associated with copy turbos.

Honeywell Turbo Technologies is committed to ensuring the performance of its Garrett® turbochargers for the tens of millions of drivers enjoying the turbo advantage in their vehicle year after year. Vehicle owners tempted by a cheaper copy or counterfeit turbo should be aware that paying a little less does not equate to a little less performance or reliability. Turbos not built to the specific high performance standards involving parts rotating at more than 200,000 rpm and operating near temperatures of 800 degrees Celsius can easily be at risk for failure immediately upon installation. Money saved today on a counterfeit turbo could be a fraction of the amount needed for more costly engine repairs as soon as tomorrow. Honeywell product analysis during the past five years shows how its market-leading Garrett turbos deliver significantly better whole-life value than lower-cost non-genuine alternatives when taking into account reliability, performance, fuel efficiency and product life.

“Turbocharging has increasingly become an important technology and is found on more and more new vehicles, which means it is also a key engine component in the maintenance and service of older vehicles,” said Clement de Valon, global director, Independent Aftermarket, Honeywell Turbo Technologies.

“Using an inferior turbo with counterfeit components assembled with inaccurate surface treatments and finishings can have significant consequences for the engine and vehicle performance as a whole. For our aftermarket customers, Garrett® turbos are engineered to meet the exacting original specifications of manufacturers and deliver performance levels not possible with non-genuine turbos. We encourage our customers to see the difference when it comes to using genuine Garrett® turbos – it's what's inside that sets us apart,” said de Valon.

Some of the serious issues with using counterfeit turbochargers include low flow and pressure, which causes a poor response in the vehicle; an overly rich diesel fuel/air mix, which can cause excessively high temperature, thus also damaging the turbo as well as the engine; high flow/pressure, which causes over-speeding of the turbo, wheel bursting and damage to the turbo and engine; and excessive boost pressure, which causes physical damage to the engine.

Using counterfeit turbos can also negatively affect engine efficiency and the effect on the environment. These potential problems include reduced performance leading to lower vehicle value and poor drivability on the road; increased fuel consumption leading to higher running costs and greatly increased whole-life expenditure; increased emissions leading to higher CO₂ and NO_x output, which could prohibit vehicle use following statutory inspections; conflict with the engine management system leading to vehicles running in reduced power safety mode; and creating immediate conflict with the engine control unit on engine start-up.

Honeywell Turbo Technologies works with authorized distributors in Russia and across the globe to

provide training on how to identify genuine products. Honeywell is determined to protect consumers of its intellectual property and technology reliability, and developed a consumer “Insist on Genuine” educational section on its web site – www.garrettbyhoneywell.com/ru. This program provides tips on how to identify original Garrett® turbochargers and the potential problems of counterfeit models. To learn more, please visit Honeywell at Pavilion 2 Hall 1, Stand B505.

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