

# WHY RISK IT?

INDEPENDENT LAB TESTS SHOW AS MUCH AS 40% PERFORMANCE GAP BETWEEN GENUINE HONEYWELL AFTERMARKET TURBOS AND COPIES

## Independent Lab Test Results (2016)

Comparison between Honeywell Garrett® Genuine Turbos (OE Fit) and Copy Turbos

**LEGEND**  
 ● Honeywell OE FIT (Original Equipment Fit)  
 ● Manufacturer 1: German brand, Made in China  
 ● Manufacturer 2: Spanish brand, Made in Spain  
 ● Manufacturer 3: Chinese brand, Made in China

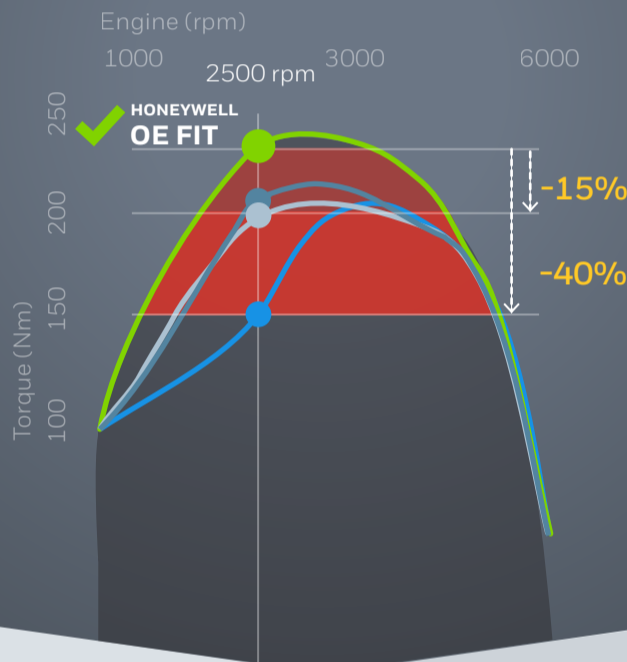
### CO<sub>2</sub> EMISSIONS

Emissions from some non-OE copy turbochargers were nearly 3% greater measuring between 2.0g/km and 4.5g/km higher than OE Fit turbochargers, or an emissions amount approximately equivalent to using an additional liter of fuel for every tank driven.



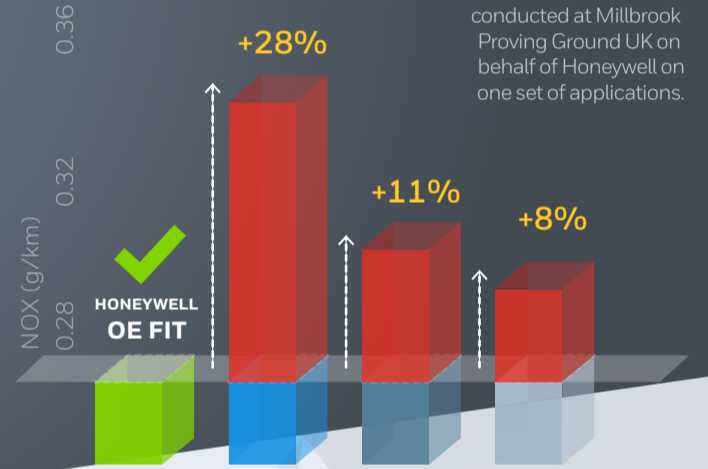
### LOW-END TORQUE

With an engine using a copy turbocharger low-end torque was decreased between 15% and 40% compared to OE Fit turbochargers.



### NO<sub>x</sub> EMISSIONS

NO<sub>x</sub> emissions from non-OE copy turbochargers were between 8% and 28% higher than OE Fit turbochargers.



**ABOUT THE TESTS**  
 The tests were conducted at Millbrook Proving Ground UK on behalf of Honeywell on one set of applications.

### Choose Honeywell OE Fit Turbos

- MORE POWER AND EFFICIENCY ✓
- CLEANER EMISSIONS & BETTER VALUE ✓
- GUARANTEED ORIGINAL EQUIPMENT QUALITY ✓
- NO RISKS FOR TYPE APPROVAL ✓

### Don't put your reputation at risk with Copy Turbos

- ✗ LOWER FUEL EFFICIENCY
- ✗ HIGHER CO<sub>2</sub> AND NO<sub>x</sub> EMISSIONS
- ✗ EMISSIONS INSPECTION RISKS
- ✗ POTENTIAL LOSS OF TYPE APPROVAL

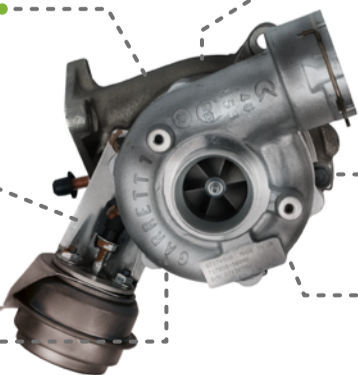
## GO Go for a genuine Honeywell Garrett® turbo

### Honeywell Garrett® Advantage

**WORLD-CLASS** assembly

**OUTSTANDING** reliability

**DESIGNED TO CONTAIN** compressor and turbine wheel bursts



**4 TIMES** the whole life value of copies\*  
 \*statistical example

Precision **OE PARTS**

Industry-standard **CALIBRATION AND TESTING**

SCAN HERE FOR MORE DETAILS



## STOP Stop with a Copy Turbo TYPE APPROVAL RISKS

FOR YOUR CUSTOMERS:

✗ Loss of right to drive on public roads

✗ Expensive fines

FOR YOUR REPUTATION:

✗ Unhappy customers and complaints

✗ Loss of business

**BUY HONEYWELL GARRETT® GENUINE TURBOS**

Learn more at [garrett.honeywell.com](http://garrett.honeywell.com)