

# Turbo Technologies



## 2008/2009 Passenger Vehicle Turbo Applications

**Worldwide Headquarters for  
Honeywell Turbo Technologies**

Honeywell Technologies Sarl

Z.A. La Pièce 16

1180 Rolle

Switzerland

Phone : + 41 21 644 2700

Fax : + 41 21 644 2720

[www.honeywell.com/turbo](http://www.honeywell.com/turbo)

**Honeywell**

**Honeywell**

© 2009 Honeywell International Inc.

## Turbo Goes Mainstream

Turbocharging is going mainstream and global, and broader and deeper into engine programs as automotive manufacturers exploit technological advances to deliver powertrains that are more responsive, more fuel efficient and more environmentally friendly.

































In every corner of the world, in every vehicle segment, turbo systems developed by Honeywell are helping passenger car manufacturers to balance consumer demand for performance with the need to meet ever-tougher emissions standards. Today, engine boosting has truly become a technology for our time – indeed the latest industry forecasts point to 70% of all new light vehicles, whether diesel, gasoline or hybrid, being turbocharged by 2020.








In response to this exciting future, Honeywell is delivering technology pathways perfectly in tune with future engine developments, while investing in a truly global engineering and manufacturing footprint that provides best-in-class quality and support for customers wherever they are based.





































The success of this strategy is demonstrated through the strength of the partnerships established by Honeywell with every major automotive manufacturer – and reflected in the technology that boosts millions of new passenger cars every year.




































































Brand	Model Type	Turbo Type	2008				2009					
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
Alfa Romeo	<b>159 all body types</b> / 2.0l / 170hp	GTB1549V										
	<b>Brera</b> / 2.0l / 170hp	GTB1549V										
	<b>Mito</b> / 1.4l / 135hp	MGT1238Z										
	<b>Mito</b> / 1.6l / 120hp	GTB1446V										
	<b>Spider</b> / 2.0l / 170hp	GTB1549V										
	<b>Spider</b> / 2.4l / 210hp	GTB2056V										
Alpina	<b>B7</b> / 4.4l / 507hp	2 X MGT2256S										
Audi	<b>A3</b> / 1.6l / 90hp	GTC1244VZ										
	<b>A3</b> / 1.6l / 105hp	GTC1244VZ										
	<b>A3 Cabrio</b> / 1.6l / 90hp	GTC1244VZ										
	<b>A3 Cabrio</b> / 1.6l / 105hp	GTC1244VZ										
	<b>A3 Sportback</b> / 1.6l / 90hp	GTC1244VZ										
	<b>A3 Sportback</b> / 1.6l / 105hp	GTC1244VZ										
	<b>A4 Allroad</b> / 3.0l / 240hp	GTB2260VK										
	<b>A5</b> / 3.0l / 240hp	GTB2260VK										
	<b>A5 Cabrio</b> / 2.7l / 190hp	GTB1756VK										
	<b>A5 Cabrio</b> / 3.0l / 240hp	GTB2260VZK										
	<b>A5 Sportback</b> / 2.7l / 190hp	GTB1756VK										
	<b>A5 Sportback</b> / 3.0l / 240hp	GTB2260VZK										
	<b>A6 Allroad</b> / 3.0l / 240hp	GTB2260VK										
	<b>A6 Saloon &amp; Avant</b> / 3.0l / 240hp	GTB2260VK										
	<b>A8</b> / 4.2l / 340hp	2 X GTB1749VK										
	<b>Q5</b> / 3.0l / 240hp	GTB2260VK										
	<b>Q7</b> / 4.2l / 340hp	2 X GT1749VRK										
<b>Q7</b> / 6.0l / 500hp	2 X GTB2260VKL											
<b>Q7 (US)</b> / 3.0l / 225hp	GTB2056VK											


Brand	Model Type	Turbo Type	2008				2009					
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
 BMW	<b>330d all body types</b> / 3.0l / 245hp	GTB2260V										
	<b>530d all body types</b> / 3.0l / 245hp	GTB2260V										
	<b>550i all body types</b> / 4.4l / 407hp	2 X MGT2256S										
	<b>650i all body types</b> / 4.4l / 407hp	2 X MGT2256S										
	<b>730d</b> / 3.0l / 245hp	GTB2260V										
	<b>750i all body types</b> / 4.4l / 408hp	2 X MGT2256S										
	<b>760i all body types</b> / 6.0l / 544hp	2 X MGT2260S										
	<b>X1</b> / 2.0l / 143hp	GTB1749V										
	<b>X5 M</b> / 4.4l / 549hp	2 X MGT2260SDL										
	<b>X6 M</b> / 4.4l / 549hp	2 X MGT2260SDL										
	<b>X6 xDrive30d</b> / 3.0l / 235hp	GTB2260VK										
	<b>X6 xDrive50i</b> / 4.4l / 408hp	2 X MGT2256S										
	 Chery	<b>Eastar Cross</b> / 1.9l / 124hp	GTA1749V									
<b>Eastar Cross</b> / 2.0l / 170hp		GT2052LS										
 Chrysler	<b>Grand Voyager</b> / 2.8l / 163hp	GTB1756VK										
 Citroen	<b>C3</b> / 1.6l / 110hp	GTA1544V										
	<b>C3 Picasso</b> / 1.6l / 110hp	GTC1244VZ										
	<b>C4 By Loeb</b> / 2.0l / 140hp	GTB1449VZ										
	<b>C4 Picasso</b> / 2.0l / 140hp	GTB1449VZ										
	<b>C5 Saloon &amp; Tourer</b> / 1.6l / 110hp	GTA1544V										
	<b>C5 Saloon &amp; Tourer</b> / 2.0l / 138hp	GTA1749V										
	<b>C5 Saloon &amp; Tourer</b> / 2.0l / 140hp	GTB1449VZ										
	<b>C5 Saloon &amp; Tourer</b> / 2.2l / 173hp	GT1446/1238										
	<b>C5 Saloon &amp; Tourer</b> / 2.7l / 207hp	2 X GTB1544V										
	<b>C8</b> / 2.2l / 173hp	GT1446/1238										
	<b>Berlingo</b> / 1.6l / 110hp	GTA1544V										
	 Dodge	<b>Journey</b> / 2.0l / 140hp	GTB1546V									

Brand	Model Type	Turbo Type	2008				2009				
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
 Fiat	<b>Bravo</b> / 1.6l / 120hp	GTB1446V	🌀								
	<b>Ulysse</b> / 2.2l / 170hp	GT1446/1238		🌀							
 Ford	<b>Focus</b> / 2.0l / 110hp	GTA1749V		🌀							
	<b>Galaxy</b> / 2.0l / 120hp	GTA1749V		🌀							
	<b>Galaxy</b> / 2.2l / 175hp	GTB1752VK	🌀								
	<b>Kuga</b> / 2.0l / 136hp	GTA1749V		🌀							
	<b>Mondeo Saloon &amp; SW</b> / 2.0l / 120hp	GTA1749V		🌀							
	<b>Mondeo Saloon &amp; SW</b> / 2.2l / 175hp	GTB1752VK	🌀								
	<b>S-Max</b> / 2.0l / 120hp	GTA1749V		🌀							
	<b>S-Max</b> / 2.2l / 175hp	GTB1752VK	🌀								
	<b>Taurus SHO</b> / 3.5l / 365hp	2 X MGT1549SL									🌀
	<b>Transit</b> / 3.2l / 204hp	GTA2256V		🌀				🌀			
	<b>Transit (Euro 5)</b> / 3.2l / 200hp	GTB2256V					🌀				
	<b>Transit/Tourneo</b> / 2.2l / 140hp	GTA1749V	🌀								
 GM Daewoo	<b>Lacetti Premiere</b> / 2.0l / 150hp	GTB1549VK					🌀				
 Honda	<b>Accord Sedan &amp; Tourer</b> / 2.2l / 180hp	GTB1752V								🌀	
	<b>CR-V</b> / 2.2l / 150hp	GTB1449VZ									🌀
 Hyundai	<b>H1</b> / 2.5l / 136hp	GT1549S					🌀				
	<b>i10</b> / 1.1l / 66hp	GTA1541V						🌀			
	<b>i30 &amp; i30 CW</b> / 1.6l / 126hp	GTB1444VZ								🌀	
	<b>Porter</b> / 2.5l / 125hp	GT1549S	🌀								
	<b>Santa Fe</b> / 2.0l / 181hp	GTB1752VLK								🌀	
	<b>Santa Fe</b> / 2.2l / 197hp	GTB1752VLK								🌀	
	<b>Tucson</b> / 2.0l / 181hp	GTB1752VLK								🌀	
 IVECO	<b>Campagnola/Massif</b> / 3.0l / 177hp	GTA2260						🌀			
 Jaguar	<b>XF</b> / 2.7l / 200hp	GTB1752V/GT1444Z				🌀					🌀
	<b>XF</b> / 3.0l / 270hp	GTB1752V/GT1444Z						🌀			
	<b>XJ</b> / 3.0l / 270hp	GTB1752V/GT1444Z									🌀

Brand	Model Type	Turbo Type	2008				2009				
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
 Jeep	<b>Cherokee</b> / 2.8l / 177hp	GTB1756VK									
 Kia	<b>Carnival</b> / 2.2l / 197hp	GTB1752VLK									
	<b>cee'd &amp; cee'd SW</b> / 1.6l / 126hp	GTB1444VZ									
	<b>Forte</b> / 1.6l / 130hp	GTB144V									
	<b>Sorento</b> / 2.0l / 181hp	GTB1752VLK									
	<b>Sorento</b> / 2.2l / 197hp	GTB1752VLK									
	<b>Soul</b> / 1.6l / 130hp	GTB1444VZ									
 Lancia	<b>Delta</b> / 1.6l / 120hp	GTB1446V									
	<b>Delta</b> / 2.0l / 165hp	GTB1549V									
	<b>Phedra</b> / 2.2l / 170hp	GT1446/1238									
 Land Rover	<b>Discovery</b> / 3.0l / 245hp	GTB1752V/GT1444Z									
	<b>Range Rover Sport</b> / 3.0l / 245hp	GTB1752V/GT1444Z									
 Lincoln	<b>MKS</b> / 3.5l / 355hp	2 X MGT1549SL									
	<b>MKT</b> / 3.5l / 355hp	2 X MGT1549SL									
 Mercedes	<b>C-280 CDI Saloon &amp; Estate</b> / 3.0l / 231hp	GTB2056VK									
	<b>CLC-200 CDI</b> / 2.2l / 123hp	GTA1852VK									
	<b>CLC-220 CDI</b> / 2.2l / 150hp	GTA1852VK									
	<b>E-350 CDI Coupé &amp; Estate</b> / 3.0l / 231hp	GTB2056VK									
	<b>E-350 CDI Saloon</b> / 3.0l / 231hp	GTB2056VK									
	<b>GLK-320 CDI 4MATIC</b> / 3.0l / 224hp	GTA2056VK									
 Mini	<b>Mini Cooper D Clubman</b> / 1.6l / 110hp	GTA1544V									
 MG	<b>MG 7</b> / 1.8l / 160hp	GT2052LS									
 Nissan	<b>Qashqai+2</b> / 2.0l / 150hp	GTA1549V									
	<b>Primastar</b> / 2.5l / 115hp	GTB1752V									
 Opel	<b>Astra</b> / 1.4l / 140hp	MGT1446MZGL									
	<b>Insignia</b> / 2.0l / 160hp	GTB1549V									

Brand	Model Type	Turbo Type	2008				2009			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
 Peugeot	<b>308</b> / 2.0l / 163hp	GTB1449VZ								
	<b>308 Coupé</b> / 2.0l / 163hp	GTB1449VZ								
	<b>308 CC</b> / 1.6l / 110hp	GTC1244VZ								
	<b>308 CC</b> / 2.0l / 163hp	GTB1449VZ								
	<b>308 SW</b> / 2.0l / 163hp	GTB1449VZ								
	<b>407 Berline &amp; SW</b> / 2.0l / 163hp	GTB1449VZ								
	<b>407 Coupé</b> / 2.0l / 163hp	GTB1449VZ								
	<b>607</b> / 3.0l / 240hp	2 X GTB1244VZ								
	<b>807</b> / 2.2l / 170hp	GTB1446/1238								
	<b>3008</b> / 1.6l / 110hp	GTC1244VZ								
	<b>3008</b> / 2.0l / 150hp	GTB1449VZ								
	<b>3008</b> / 2.0l / 163hp	GTB1449VZ								
	<b>5008</b> / 1.6l / 110hp	GTC1244VZ								
	<b>5008</b> / 2.0l / 150hp	GTB1449VZ								
	<b>5008</b> / 2.0l / 163hp	GTB1449VZ								
	<b>Partner</b> / 1.6l / 110hp	GTA1544V								
 Porsche	<b>Cayenne</b> / 3.0l / 240hp	GTB2260VZK								
 Renault	<b>Grand Scénic</b> / 1.9l / 130hp	GTB1446VZ								
	<b>Grand Scénic</b> / 2.0l / 160hp	GTB1549V								
	<b>Koléos</b> / 2.0l / 175hp	GTA1549V								
	<b>Laguna Coupé</b> / 2.0l / 175hp	GTA1549V								
	<b>Laguna GT Sedan &amp; Estate</b> / 2.0l / 180hp	GTA1549V								
	<b>Laguna Saloon &amp; Estate</b> / 2.0l / 130hp	GTA1549V								
	<b>Laguna Saloon &amp; Estate</b> / 2.0l / 150hp	GTA1549V								
	<b>Laguna Saloon &amp; Estate</b> / 2.0l / 175hp	GTA1549V								
	<b>Mégane Sedan</b> / 1.9l / 130hp	GTB1446VZ								
	<b>Mégane Sedan</b> / 2.0l / 160hp	GTB1549V								
	<b>Mégane Coupé &amp; Estate</b> / 1.9l / 130hp	GTB1446VZ								
	<b>Mégane Coupé &amp; Estate</b> / 2.0l / 160hp	GTB1549V								
	<b>Scénic</b> / 1.9l / 130hp	GTB1446VZ								
	<b>Scénic</b> / 2.0l / 160hp	GTB1549V								

Brand	Model Type	Turbo Type	2008				2009				
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
 Roewe	Roewe 550 / 1.8l / 160hp	GT2052LS									
	Roewe 750 / 1.8l / 160hp	GT2052LS									
 Rolls Royce	Ghost / 6.6l / 563hp	2 X MGT2260S									
 Riich	G6 / 2.0l / 170hp	GT2052LS									
 Seat	Altea / 1.6l / 90hp	GTC1244VZ									
	Altea / 1.6l / 105hp	GTC1244VZ									
	Altea XL / 1.6l / 90hp	GTC1244VZ									
	Altea XL / 1.6l / 105hp	GTC1244VZ									
	Leon / 1.6l / 90hp	GTC1244VZ									
	Leon / 1.6l / 105hp	GTC1244VZ									
 Skoda	Octavia Saloon & Combi / 1.6l / 90hp	GTC1244VZ									
	Octavia Saloon & Combi / 1.6l / 105hp	GTC1244VZ									
	Superb / 1.9l / 105hp	GTA1546VM									
	Superb / 2.0l / 140hp	GTA1749VM									
 Tata Motors	Indica DICOR / 1.4l / 70hp	GT1241SZ									
	Indigo CS DICOR / 1.4l / 70hp	GT1241SZ									
	Sumo Grande / 2.0l / 90hp	GT1749S									
	Sumo Grande / 2.2l / 120hp	GTA1749V									
	Xenon Pickup (Thailand) / 2.2l / 140hp	GTA1749V									
	Xenon XT / 2.2l / 140hp	GTA1749V									
 Toyota	Auris / 1.4l / 90hp	GTB1241VZ									
	Corolla / 1.4l / 90hp	GTB1241VZ									
	iQ / 1.4l / 90hp	GTB1241VZ									
	Urban Cruiser / 1.4l / 90hp	GTB1241VZ									
	Yaris / 1.4l / 90hp	GTB1241VZ									

Brand	Model Type	Turbo Type	2008				2009					
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
 Volkswagen	<b>Golf Plus</b> / 1.6l / 90hp	GTC1244VZ										
	<b>Golf Plus</b> / 1.6l / 105hp	GTC1244VZ										
	<b>Golf Variant</b> / 1.6l / 90hp	GTC1244VZ										
	<b>Golf Variant</b> / 1.6l / 105hp	GTC1244VZ										
	<b>Golf VI</b> / 1.6l / 90hp	GTC1244VZ										
	<b>Golf VI</b> / 1.6l / 105hp	GTC1244VZ										
	<b>Jetta</b> / 1.6l / 90hp	GTC1244VZ										
	<b>Jetta</b> / 1.6l / 105hp	GTC1244VZ										
	<b>Passat Saloon &amp; Variant</b> / 1.6l / 90hp	GTC1244VZ										
	<b>Passat Saloon &amp; Variant</b> / 1.6l / 105hp	GTC1244VZ										
	<b>Phaeton</b> / 3.0l / 240hp	GTB2260VK										
	<b>Touareg (US)</b> / 3.0l / 225hp	GTB2056VK										
	<b>Transporter</b> / 2.0l / 84hp	GTB1446VZ										
	<b>Transporter</b> / 2.0l / 102hp	GTB1446VZ										
<b>Transporter</b> / 2.0l / 140hp	GTB1446VZ											
 Volvo	<b>S60</b> / 2.4l / 163hp	GTB1752V										
	<b>S80</b> / 2.0l / 136hp	GTA1749V										
	<b>V70</b> / 2.0l / 136hp	GTA1749V										
	<b>XC60</b> / 2.4l / 163hp	GTB2056VK										
	<b>XC60</b> / 2.4l / 185hp	GTB2056VK										

## EUROPE

### Czech Republic

#### Engineering – Turbochargers

Brno-Slatina  
Tel: + 420 545 501 607

### France

#### Manufacturing Plant & Engineering – Turbochargers

Thaon-les-Vosges  
Tel: + 33 3 29 81 30 00

### Ireland

#### Foundry & Manufacturing Plant – Turbochargers

Waterford  
Tel: + 353 51 376411

### Italy

#### Manufacturing Plant – Turbochargers

Piazzano di Atesa  
Tel: + 39 0872 8911

### Romania

#### Manufacturing Plant – Turbochargers

Bucharest  
Tel: + 40 21 408 5204

### United Kingdom

#### Manufacturing Plant – Turbochargers

Cheadle  
Tel: + 44 161 486 3000

## ASIA PACIFIC

### Australia

#### Manufacturing Plant & Sales Office

New South Wales  
Tel: + 61 2 9755 3311

### China

#### Manufacturing Plant & Engineering – Turbochargers

Shanghai  
Tel: + 86 21 3865 2999

### India

#### Manufacturing Plant, Engineering & Customer Support – Turbochargers

Pune  
Tel: + 91 20 5652 4000

### Japan

#### Sales Office

Tokyo  
Tel: + 81 3 6730 7070

#### Manufacturing Plant & Engineering – Turbochargers

Saitama  
Tel: + 81 495 72 4151

### South Korea

#### Sales Office

Seoul  
Tel: + 82 2 3483 5022

#### Manufacturing Plant – Turbochargers (Ansan)

Kyunggi-Do  
Tel: + 82 31 497 0011

## AMERICAS

### Brazil

#### Manufacturing Plant, Engineering & Sales Office – Turbochargers

Sao Paulo  
Tel: + 55 11 2167 3000

### Mexico

#### Manufacturing Plant – Turbochargers

Mexicali B.C.  
Tel: + 1 686 580 4300

#### Manufacturing Plant – Thermal Systems

Mexicali B.C.  
Tel: + 1 686 580 4700

### United States

#### Engineering – Turbochargers

Torrance, CA  
Tel: + 1 310 530 1981

#### North America Customer Support & Technical Center

Plymouth, MI  
Tel: + 1 734 392 5500

## HEADQUARTERS

### Worldwide Headquarters for Honeywell Turbo Technologies

Honeywell Technologies Sarl  
Z.A. La Pièce 16  
1180 Rolle  
Switzerland  
Phone : + 41 21 644 2700  
Fax : + 41 21 644 2720  
[www.honeywell.com/turbo](http://www.honeywell.com/turbo)

