

BMW Diesel

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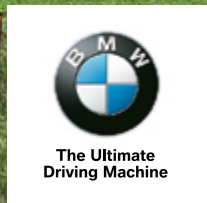
BMW Australia Limited, ABN 11 004 675 129, 12/2007, Part No. 8888 1900 808, BMW10284

Imagine a diesel that drives like a BMW.



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THE POWER OF 



LET'S TALK DIESEL.

With petrol prices on the rise, it seems everyone's talking about diesel today. For BMW it's a conversation that started a while ago. Of course, our conversation began a little differently. In typical BMW fashion we asked the kind of hard engineering question you would expect from a company with the German word for engine, motoren, in its name. "How can we coax BMW performance out of a technology historically known only for economy?"



Our answer was to win the Nürburgring 24-hour race with a 3 Series diesel, the first ever diesel-powered car to win the legendary endurance race. And we did it back in 1998. Today, this technology is found in the eight different models in our range that end with the letter **d**.



INSIDE A BMW DIESEL ENGINE.

BMW diesel engines use a range of innovative technologies to ensure that the driving experience is uniquely BMW. The in-line design of the 6-cylinder engine, for example, produces a smoothness that is uncommon for a diesel engine. Further refinements, including a turbocharger, intercooler and common rail technology, ensure optimal use of energy and keep emissions to a minimum.



The familiar 'rattle' often associated with diesel engines is absent across the BMW diesel range. Instead, our diesel engines produce a harmonious sound that is powerful, but not conspicuous – the perfect accompaniment to the refined luxury of a BMW.



MORE TORQUE. MORE POWER.

One of the benefits of a BMW diesel engine is the impressive amount of torque available at low revs. More torque equals more power, so when it comes to overtaking uphill or pulling a trailer or boat, you can do so with typical BMW performance. In fact, the BMW 4-cylinder diesel engine is so powerful it has the same torque levels as many competitors' 6-cylinder petrol engines. And the in-line 6-cylinder BMW diesel engine? It's equivalent to many V8 petrol engines you'll pass on the road.

WITH LESS FUEL STOPS, YOU'LL ENJOY MORE TIME BEHIND THE WHEEL.

Thanks to our common rail technology and high compression engines, the BMW diesel range is remarkably fuel efficient. The 320d for example, uses a mere 6 litres per 100 km during combined city/highway driving. On the highway it's even more economical, covering more than 1100 km – or from Sydney to Brisbane – on a single tank. Which means you'll spend less time at petrol stations, and more time enjoying the sheer driving pleasure that comes from being in the driver's seat of a BMW.

AN UNRIVALLED RANGE OF DIESELS.

The BMW diesel range is one of the most comprehensive in the country. Spanning five classes, and now with additional new engine variants, each one delivers unexpected power, reduced emissions, excellent mileage and an unparalleled driving experience.

BMW 120d

One of the only rear-wheel drives in its class, the 120d delivers BMW's trademark class-leading driving experience with precise steering, sublime ride comfort and dynamic handling. Its 2.0 litre 4-cylinder diesel engine provides 340 Nm of torque, consumes 6.1 litres of fuel per 100 km* and accelerates from 0 - 100 km/h in 7.8 seconds.



BMW 320d

As part of the iconic 3 Series range, the 320d is replete with classic BMW characteristics, all of which combine to deliver superior all-round dynamic agility. Its 2.0 litre 4-cylinder diesel engine provides 340 Nm of torque, consumes 6.0 litres of fuel per 100 km* and covers the 0-100 km/h sprint in 8.2 seconds.



BMW 520d & 530d

For those in love with the business of driving, the 4-cylinder 520d and 6-cylinder 530d are hard to resist. The 520d delivers an impressive 125 kW of power while averaging just 6.1 litres of fuel per 100 km.* The powerful 530d elicits 480 Nm of torque and reaches 100 km/h in just 7.1 seconds.



BMW X3 2.0d & X3 3.0d

Big enough for weekends, small enough for weekdays, the 4-cylinder X3 2.0d and 6-cylinder X3 3.0d offer incredible versatility. Both come with eight airbags, alloy wheels and rain sensing wipers. The X3 2.0d consumes only 7.0 litres of fuel per 100 km.* The X3 3.0d elicits 480 Nm of torque and sprints from 0-100 km/h in 7.9 seconds.



BMW X5 3.0d & X5 3.0sd

The X5 provides all-wheel-drive capabilities with the kind of luxury, performance and driveability you can only find in a BMW. Both diesel models feature a commanding 3.0 litre in-line diesel engine, as well as a range of innovations in technology, design and engineering. The more powerful X5 3.0sd delivers 565 Nm of torque that propels it from 0-100 km/h in 7.2 seconds, with similar fuel economy to that of the 3.0d.



*Combined city/highway driving.

DIESEL RANGE SPECIFICATIONS

ENGINE	120d	320d	520d	530d	X3 2.0d	X3 3.0d	X5 3.0d	X5 3.0sd
Cylinders	4 in-line	4 in-line	4 in-line	6 in-line	4 in-line	6 in-line	6 in-line	6 in-line
Capacity	1,995 cc	1,995 cc	1,995 cc	2,993 cc	1,995 cc	2,993 cc	2,993 cc	2,993 cc
Maximum Power	125 kW / 4,000 rpm	125 kW / 4,000 rpm	125 kW / 4,000 rpm	160 kW / 4,000 rpm	125 kW / 4,000 rpm	160 kW / 4,000 rpm	160 kW / 4,000 rpm	200 kW / 4,400 rpm
Maximum Torque	340 Nm / 1,750 rpm	340 Nm / 1,750 rpm	340 Nm / 1,750 rpm	480 Nm / 1,750 rpm	340 Nm / 1,750 rpm	480 Nm / 1,750 rpm	500 Nm / 1,750 rpm	565 Nm / 2,000 rpm

PERFORMANCE

Acceleration 0 - 100 km/h	7.8 seconds	8.2 seconds	8.6 seconds	7.1 seconds	9.6 seconds	7.9 seconds	8.4 seconds	7.2 seconds
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FUEL CONSUMPTION

Fuel consumption (combined)	6.1 l / 100 km	6.0 l / 100 km	6.1 l / 100 km	7.5 l / 100 km	7.0 l / 100 km	8.1 l / 100 km	8.7 l / 100 km	8.8 l / 100 km
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CO ₂ g/km	162	160	162	200	185	214	231	233
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HELPING THE ENVIRONMENT: THE DIESEL PARTICLE FILTER.

The BMW diesel range does more than just cut down your fuel costs – it can also reduce your personal impact on the environment. By burning less fuel, it emits less carbon dioxide – the major contributor to global warming. Additionally, BMW diesel engines include a Diesel Particle Filter, which filters out solid elements of the emissions, eliminating them by burning up the diesel soot within the filter. As a result, there are less particle emissions and fewer odours, leaving you, and the environment, with cleaner air.

LOOKING TO THE FUTURE: HYDROGEN.

While diesel helps minimise vehicle greenhouse emissions today, we are looking to another fuel for an even more sustainable future: hydrogen. The BMW Hydrogen 7 is set to be the world's first luxury performance hydrogen car. Not only does hydrogen allow us to maintain the kind of performance you would expect from a BMW engine, importantly, it revolutionises the impact cars will have on the environment. When hydrogen is burned, instead of producing carbon dioxide, it emits virtually nothing but clean water vapour – the most environmentally-friendly emission imaginable.