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# Ford Ranger, Mazda BT-50 turboboost from Honeywell

Posted by [LESSTEPHENSON](#) on [SEPTEMBER 4, 2018](#)

- Honeywell turbo boost for Ranger, BT-50
- A little extra can take boost to 200kW
- Promise of lower general fuel-consumption



**HONEYWELL TURBOCHARGER.** *Image: Supplied*

JOHANNESBURG, Gauteng – TurboDirect in South Africa has introduced a PowerMax turbocharger upgrade for the 2011-2015 Ford Ranger 3.2 diesel engine to increase overall performance and flow by 20% and boost power from 147 to 172kW.

A further equipment addition can take that to around 200kW.

The Honeywell Garrett PowerMax is said to be a direct fit for the 3.2-litre Duratorq five-cylinder diesel platform found not only in the 2011-2015 Ford Ranger PX but also in Mazda's BT-50 (pre-facelift model).



**HONEYWELL**

**TURBOCHARGER.** *Image: Supplied*

A media release says the forged, fully machined, compressor wheel design is from the ball-bearing GTX Gen II product line and increases flow by 20% over the OE wheel.

### **'A PERFECT FIT'**

The revised turbine wheel and its housing is said to make this turbocharger a completely new unit unlike the popular hybrid upgrade turbochargers – the latter said to be “simply a larger compressor wheel with no turbine improvements”.

With the correct engine calibration, this enables the engine to be tuned up to 172Kw from the OE standard 147kW and The Corner understands the all-Honeywell Garrett PowerMax direct-fit turbos are interchangeable with the OE turbo and “a perfect fit”.

**[View the comparison between the OEM Ranger 3.2 turbocharger and the PowerMax upgrade here.](#)**

Adding some hardware upgrades (think exhaust, intake, and intercooler) can take power to around 200KW.

TurboDirect SA's MD Chris Kambouris added: “This upgrade fitted exclusively through TurboDirect SA will cost R15 500 (ex-VAT) but include oil, oil filter, as new OEM gaskets.

” It will also improve fuel economy under normal driving.”

**[READ MORE about TurboDirect here.](#)**

