

## LESS COST, MORE POWER

Diesel Performance Solutions has been improving the performance of diesel engines across Australia since 2012, with benefits including more power, increased torque, and reduced fuel costs.

One of the most popular services for tractor owners is the engine remap, remapping your engine's ECU to program it for best performance. Settings are adjusted to the conditions you work in, while giving access to additional power and torque.

"Our customers range from small mixed crop farmers to large contractors remapping multiple machines. Usually they just need more power and they don't want to upgrade to a bigger tractor," says National Manager – Australia, Mark Hohneck.

"Many farmers don't want to give up the benefits of a smaller tractor – like manoeuvrability and less impact on the soil. For farms that depend on one tractor it gives them more bang for their buck. For operations with lots of tractors they can enjoy getting the job done faster."

The numbers speak for themselves. Diesel Performance Solutions has hundreds of graphs that demonstrate the improvements their customers are now enjoying out in the field. They are now sharing them in a new online space which is a one-stop-shop for everything you need to know about tractor remaps.

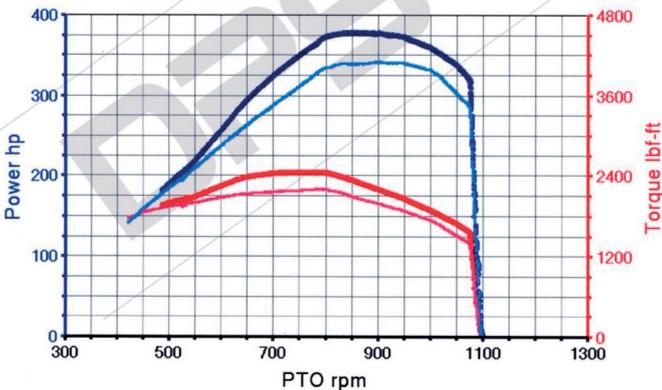
Find out more at [tractor-remap.com](http://tractor-remap.com)

### Tractor

Registration	:		
Serial Number	:		
Year	:	2012	2012
Manufacturer	:	John Deere	John Deere
Model	:	JD8335R IT4	JD8335R IT4
Engine Type	:	6090	6090
Engine Cylinders	:	6	6
Hours Run	:	3191 hrs	3191 hrs
Cubic Capacity	:	9000 cm <sup>3</sup>	9000 cm <sup>3</sup>
Notes	:	DPS Software Mod 1	Factory Software

### Test Results

High Idle	:	4.2 hp	1098 rpm	4.2 hp	1097 rpm
PTO Speed	:	359.7 hp	1000 rpm	332.2 hp	1000 rpm
Rated Power	:	359.7 hp	1000 rpm	332.2 hp	1000 rpm
Rated Torque	:	1889 lbf-ft	1000 rpm	1746 lbf-ft	1000 rpm
Max Power	:	378.4 hp	860 rpm	341.8 hp	901 rpm
Max Torque	:	2455 lbf-ft	791 rpm	2202 lbf-ft	795 rpm
Torque Reserve	:	30.0 %		26.1 %	



## DEFEATING THE DUST

Aricks Australia continue to develop and improve JD disc seeder components. The most recent addition to the product line is a new state of the art non greasing gauge wheel axle.

The gauge wheel depth adjustment, via the axle rotation, is a common point for seizing on the JD 90 and pro series openers which are found on the JD 1590, 1890 and 1895.

"The dusty conditions in Australia are instrumental in this axle seizing. Coupled with grease, the combination sets rock hard and inhibits movement and rotation of the axle, rendering the depth adjusting arm useless," says director and chief designer Colin Wemyss.

When trying to unseize their axles in order to adjust seed placement depth, most farmers resort to removing the entire disc opener from the machine and placing it in a hydraulic press to force out the seized axles. To avoid this, high quality bushing material has been incorporated into the axle spindle as well as an effective and durable seal to keep the axle shaft dust free and running smoothly. The solid axle shaft attachment point has been beefed up to make greater surface contact and allow for reuse of worn depth adjustment arms.

