

APTB 08/15 R3

SUBJECT: John Deere® 8.1L Common Rail Test Values for the Bosch® EPS 205 Test Bench

July 12, 2017

The table below contains the test data for the John Deere 8.1L Common Rail Injectors offered by Alliant Power. For programming instructions please see [APTB 07/15 R1](#).

Note: For test adapters reference [APTB 04/15 R1](#).

Note: Test values developed by Alliant Power for reference purposes only.

PART NUMBER		DELIVERY	RETURN	PART NUMBER		DELIVERY	RETURN
AP50900	Leak Test	–	25.0 ± 25.0	AP50903	Leak Test	–	25.0 ± 25.0
	VL	146.0 ± 11.0	35.0 ± 25.0		VL	137.0 ± 12.0	35.0 ± 25.0
	VL Pilot	22.0 ± 6.6	–		VL Pilot	20.0 ± 5.5	–
	Torque	187.5 ± 14.0	–		Torque	176.0 ± 14.0	–
	LL	23.5 ± 7.9	–		LL	21.0 ± 6.1	–
	VE	6.5 ± 3.2	–		VE	6.0 ± 2.6	–
AP50901	Leak Test	–	25.0 ± 25.0	AP50904	Leak Test	–	25.0 ± 25.0
	VL	109.5 ± 10.0	35.0 ± 25.0		VL	104.0 ± 9.6	35.0 ± 25.0
	VL Pilot	3.5 ± 1.6	–		VL Pilot	4.0 ± 3.1	–
	Torque	160.0 ± 25.0	–		Torque	155.0 ± 30.0	–
	LL	9.5 ± 3.5	–		LL	9.5 ± 5.5	–
	VE	1.5 ± 0.7	–		VE	1.5 ± 0.7	–
AP50902	Leak Test	–	25.0 ± 25.0	AP50905	Leak Test	–	25.0 ± 25.0
	VL	168.0 ± 11.0	35.0 ± 25.0		VL	115.0 ± 8.9	35.0 ± 25.0
	VL Pilot	22.5 ± 6.1	–		VL Pilot	30.0 ± 6.8	–
	Torque	220.0 ± 15.0	–		Torque	141.5 ± 10.0	–
	LL	23.0 ± 6.3	–		LL	26.0 ± 6.6	–
	VE	6.5 ± 2.2	–		VE	8.0 ± 2.8	–

R1–Updated test data

R2–Updated part numbers

R3–Updated test data

