

# APTB 07/15 R1

## SUBJECT: Bosch® EPS 205 Programming Instructions for John Deere® Common Rail Injectors

June 30, 2015

1. Switch the EPS 205 to the on position.
2. Select “Common rail injector (CRI/CRIN)”.
3. Select “Manufacturer”, scroll to “Denso” highlight and click “Load”.
4. Select “095000XXX\_<1ohm”, click “Continue”.
5. Replace the “XXX\_” in the “095000XXX” displayed in the “Type Number” with “test”. Press the “enter” key (and OK’s afterwards).
6. Save the program (F4) (and OK’s afterwards).
7. Enter the values from the table below in each line. These are the base parameters and are the same for all John Deere Common Rail Injectors offered by Alliant Power.

**IMPORTANT:** Save (F4) after entering each line of data into the test plan.

	ACTUATION TIME (µSEC)	RAIL PRESSURE (MPa)	MEASUREMENT TIME (SEC)
<b>Leak Test</b>	0	160	120
<b>VL</b>	1496	101	60
<b>VL Pilot</b>	586	101	45
<b>Torque</b>	2150	82	45
<b>LL</b>	914	40	45
<b>VE</b>	586	40	45

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

8. Additional test points are added by entering the description and values into the empty boxes below the last test point.
9. Save the program (F4) (and OK’s afterwards).
10. To move a test point, click the box to the left of the test point and click the “Up” (F7) or “Down” (F8) arrows as needed.
11. Save the program (F4) (and OK’s afterwards).
12. Highlight “Type Number”, replace “test” with the Alliant Power part number. Click “Save” (and OK’s afterwards).
13. Enter the delivery values for the Alliant Power part number from the corresponding bulletin:
  - 8.1L [APTB 08/15 R3](#)
  - 9.0L [APTB 11/15 R2](#)
  - 4.5L / 6.8L [APTB 14/15 R2](#)

**IMPORTANT:** Save (F4) after entering each line of data into the test plan.

14. Select “Save” (and OK’s afterward).

R1–Revised programing instructions. Added 9.0L and 4.5L / 6.8L delivery value links.