

APTB 05/15 R2

SUBJECT: Hartridge® CRi-PC Test Plan Programming Instructions for John Deere® Common Rail Injectors July 12, 2017



1. Switch the CRi-PC to the on position.
2. Start up the Magmah Plus software.
3. Go to Testplan Editor "F6".
4. Click on File and Open.
5. Go into the Denso® folder and open Denso_example.cpf.
6. Use the "Save As" command to save test plan with a new name.

Note: It is advised that you do not change the example test plans as this will give you a base to refer back to if needed.

7. Click on each step and insert the data from the table below.
8. The table below gives you the base parameters for all John Deere Common Rail Injectors offered by Alliant Power.
9. For delivery values please see the corresponding bulletin:
 - 8.1L [APTB 06/15 R2](#)
 - 9.0L [APTB 10/15 R2](#)
 - 4.5L / 6.8L [APTB 13/15 R2](#)

Note: The first five steps of the example test plan configure the machine for that particular type of injector and should not be changed.

	RAIL PRESSURE (BAR)	INJECTION SPEED (IPM)	PULSE WIDTH (µSEC)
TP1	1470	1010	1496
TP2	827	720	2241
TP3	400	450	914

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

- R1-Added 9.0L and 4.5L / 6.8L delivery value links
R2-Reconfigured test plan to achieve more consistent results