

## APTB 02/15 R2

# SUBJECT: EPS 205 Programming Instructions for 6.4L Ford® / MaxxForce® 7 (Pre–2010) Common Rail Injector

July 25, 2016

1. Switch the EPS 205 to the on position.
2. Select “Common rail injector (CRI Piezo)”.
3. Select “Manufacturer”, scroll to “Siemens” highlight and click “Load”.
4. Select **A2C595XXXX**, click “Continue”.
5. Replace the “XXXX” in the “**A2C595XXXX**” 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. Highlight “Type Number”, replace “**test**” with “**AP64900**”. The number should read “**A2C595AP64900**”. Click “Save” (F4) (and OK’s afterwards).
8. Enter the following values in each line:

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

	Actuation Time	Pressure	Delivery	Return	Measurement Time	Volts
<b>Aktor</b>	1,500	10	—	—	60	124
<b>Leak Test</b>	0	150	—	15 ± 15	90	—
<b>VL</b>	600	150	63.4 ± 6.2	39 ± 32	30	150
<b>EM</b>	481	100	28.2 ± 5.0	—	30	124
<b>LL</b>	510	25	5.2 ± 2.2	—	30	124
<b>VE</b>	200	150	6.6 ± 2.8	—	30	150

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

9. Select “Save” (F4) (and OK’s afterwards).
10. Select “Profile” (F9) at the bottom of the screen. Set the Actuator Resistance boxes to 160kΩ in the min box and 220kΩ in the max box. Select “Continue” (F12) to return to the test plan, and select “Save” (F4) (and OK’s afterwards).
11. Programming for operating 6.4L injectors is now complete.

R1– Revised resistance spec

R2– Revised flow specs

