

SUBJECT: Bosch® EPS 205 Programming Instructions & Test Values for Duramax L5P Common Rail Injectors

1. Switch on the EPS 205 to the "ON" position.
2. Select "Common rail injector (CRI/CRIN) (F12)".
3. Locate (F3) to load, and select "Manufacture", scroll to "Denso", click "Search (F6)".
4. Select "095000XXX_<1ohm", click "Continue (F12)".
5. Replace the "xxx" in the "095000XXX" display in the "Type Number" with "AP54800". Press "enter" key (and "OK" afterwards).
 - a. A warning will appear about altering info, you may click "Ok".
6. Afterwards, you may enter in the values from the table below in each line.
Important: Recommended you Save (F4) after entering each line of data into the test plan.

	Actuation Time (µS)	Rail Pressure (Mpa)	Measure Time (sec)	Delivery (mm3/H)	Return (mm3/H)
Leak Test	0	180	90	--	--
Full Load	900	175	60	65.1 ± 14.3	4 ± 4
Pilot	200	175	60	2.8 ± 1.9	--
Cruise	500	160	60	22.2 ± 7.8	--
Idle	500	25	60	3 ± 0.8	--

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

7. When completed, highlight "Type Number", replace "095000XXXAP54800" with only the "AP54800" part number.
8. Select "Save" afterwards.

Accessories needed for testing

Description	Part Number
Return hose with hose clamp	1 680 712 249
Return hose to collect from bench	1 680 712 360
Return banjo bolt M6x1	2 433 456 034
Test lead	1 684 465 842