	Cold Engine Idle	Warm Engine Idle	Notes
Live data update interval	4214	3291	
Engine speed	1015	911	
Coolant temperature	64	92	
Ambient air temperature	35	50	
Intake air temperature	43	61	
Fuel rail temperature	Invalid value	Invalid value	
Inlet manifold pressure	33	30	Varies between 30 and 33
Battery voltage	13.3	13.4	
Throttle position sensor	0.7	0.7	
Idle switch	Closed	Closed	Closed / Open
Park/Neutral switch	Open	Open	Closed / Open
Air con switch	Open	Open	Closed / Open
Idle set point	0	0	
Idle HotDB Pos	40 steps	40 steps	
Stepper motor position	46 steps	25 steps	
Idle speed deviation	19	30	
Ignition advance offset	2.5	2.5	I have the Igniiton Advance set to +2.5 degree. By default this would be 0 (possibly -0.5)
Ignition advance	10	11.9	Varies
Coil charge time	3.8	3.8	
Ignition switch	On	On	
Throttle angle	5	5	
Air / fuel ratio	14.5:1	14.5:1	
Oxygen sensor voltage	0.23	0.31	Varies between 0.02 and 0.84 with a mean of 0.35 and SD of 0.26. Median is 0.25
Oxygen sensor frequency	Invalid value	Invalid value	
Oxygen sensor duty cycle	Invalid value	Invalid value	
Oxygen sensor status	Okay	Okay	
Loop status	Closed loop	Closed loop	Closed Loop / Open loop
Long term trim / Inj dead time	24	0	Seems to be 0 at normal temp
Short term trim / Feedback	104%	104%	Think this should be 100% - anyone?
Purge duty cycle	0%	0%	
Idle error	-32732	-32745	?
Idle runline position	0 steps	0 steps	
Jack count	0 steps	0 steps	?
Trinary switch	Off	Off	?
Crank status	Synced	Synced	