

Injector Dynamics Slope & Offset vs Pressure

Modified on: Wed, 19 Feb, 2020 at 5:09 PM

ID725 Dynamic Flow Data

Fuel Pressure (psid)	Offset					Slope (cc/min)
	8 Volts	10 Volts	12 Volts	14 Volts	16 Volts	
40.0	1910	1320	1030	775	660	690
43.5	1975	1355	1040	795	730	715
45.0	2005	1365	1045	800	735	730
50.0	2095	1420	1065	830	770	770
55.0	2185	1465	1090	860	805	810
60.0	2270	1520	1115	895	835	850
65.0	2350	1575	1040	930	860	890
70.0	2440	1630	1175	970	865	925
75.0	2545	1685	1215	1010	905	960
80.0	2675	1740	1265	1045	930	990
85.0	2840	1790	1320	1075	955	1020
90.0	3035	1845	1375	1100	985	1050
95.0	3250	1900	1435	1125	1020	1080
100.0	N/A	1965	1490	1155	1055	1110
105.0	N/A	2040	1540	1185	1020	1140
110.0	N/A	2120	1580	1220	1055	1170
115.0	N/A	2219	1615	1260	1055	1200
120.0	N/A	2300	1650	1300	1070	1235



ID850 Dynamic Flow Data

Fuel Pressure (psid)	Offset					Slope (cc/min)
	8 Volts	10 Volts	12 Volts	14 Volts	16 Volts	
40.0	2195	1495	1115	885	710	845
43.5	2280	1540	1145	910	730	885
45.0	2320	1560	1160	920	735	905
50.0	2440	1625	1210	955	770	955
55.0	2580	1700	1260	990	805	1005
60.0	2765	1775	1310	1025	835	1050
65.0	2990	1855	1350	1060	860	1090
70.0	3250	1935	1395	1090	865	1130
75.0	N/A	2025	1445	1120	905	1170
80.0	N/A	2110	1495	1145	930	1205
85.0	N/A	2215	1545	1175	955	1240
90.0	N/A	2350	1605	1215	985	1275
95.0	N/A	2515	1670	1260	1020	1310
100.0	N/A	2705	1740	1315	1055	1350

ID1000 Dynamic Flow Data

Fuel Pressure (psid)	Offset					Slope (cc/min)
	8 Volts	10 Volts	12 Volts	14 Volts	16 Volts	
40.0	2485	1630	1210	970	800	980
43.5	2600	1675	1240	990	805	1015
45.0	2720	1705	1295	1000	810	1035
50.0	2855	1750	1355	1025	815	1085
55.0	3015	1815	1400	1055	820	1135
60.0	3195	1880	1440	1080	845	1180
65.0	3370	1960	1485	1100	880	1225
70.0	3550	2050	1530	1125	925	1265
75.0	N/A	2155	1580	1155	975	1305
80.0	N/A	2280	1625	1195	1020	1345
85.0	N/A	2435	1675	1245	1060	1390
90.0	N/A	2610	1725	1305	1095	1435
95.0	N/A	2800	1775	1370	1125	1485
100.0	N/A	2995	1855	1440	1155	1530

ID1050x Dynamic Flow Data

Fuel Pressure (psid)	Offset (μ sec)					Slope (cc/min)
	8 Volts	10 Volts	12 Volts	14 Volts	16 Volts	
40.0	1920	1410	1115	920	790	1020
43.5	1955	1425	1125	925	795	1065
45.0	1970	1435	1130	930	800	1085
50.0	2025	1475	1160	955	825	1145
55.0	2080	1515	1190	980	845	1205
60.0	2140	1540	1215	1000	860	1260
65.0	2195	1560	1225	1010	855	1305
70.0	2255	1575	1235	1015	850	1350
75.0	2340	1610	1250	1020	850	1390
80.0	2440	1655	1265	1020	850	1420
85.0	2555	1705	1280	1030	855	1455
90.0	2680	1765	1315	1045	865	1490
95.0	2815	1825	1355	1075	880	1530
100.0	2960	1890	1405	1110	520	1565

ID1300x Dynamic Flow Data

Fuel Pressure (psid)	Offset (μ sec)					Slope (cc/min)
	8 Volts	10 Volts	12 Volts	14 Volts	16 Volts	
43.5	2340	1585	1180	940	750	1345
45	2385	1605	1195	950	760	1365
50	2540	1665	1250	985	790	1445
55	2695	1730	1300	1020	820	1520
60	2850	1810	1350	1055	845	1590
65	3010	1890	1395	1095	875	1655
70	N/A	1980	1445	1135	900	1715
75	N/A	2080	1500	1175	930	1775
80	N/A	N/A	1560	1220	960	1830
85	N/A	N/A	1620	1260	995	1885
90	N/A	N/A	1685	1300	1025	1935

ID1300x² Dynamic Flow Data

Fuel Pressure (psid)	Offset					Slope (cc/min)
	8 Volts	10 Volts	12 Volts	14 Volts	16 Volts	
40.0	2175	1575	1235	1020	855	1275
43.5	2230	1610	1255	1035	865	1335
45	2255	1620	1265	1040	870	1360
50	2350	1665	1290	1055	880	1440
55	2445	1715	1320	1070	895	1520
60	2535	1765	1355	1095	915	1590
65	2620	1830	1395	1125	935	1655
70	2705	1895	1445	1160	960	1715
75	2790	1955	1480	1185	975	1770
80	2875	2015	1510	1205	990	1820
85	N/A	2075	1540	1220	1005	1860
90	N/A	2135	1580	1220	1005	1860
95	N/A	2195	1625	1280	1050	1925
100	N/A	2250	1675	1320	1080	1950

ID1700x Dynamic Flow Data

Fuel Pressure (psid)	Offset					Slope (cc/min)
	8 Volts	10 Volts	12 Volts	14 Volts	16 Volts	
43.5	2745	1740	1260	975	800	1725
45.0	2805	1760	1275	980	805	1760
50.0	3050	1835	1320	1020	830	1855
55.0	3330	1915	1375	1065	855	1950
60.0	3610	2000	1430	1110	885	2040
65.0	3895	2090	1490	1150	920	2125
70.0	N/A	2180	1545	1195	960	2205
75.0	N/A	2270	1605	1235	995	2285
80.0	N/A	2365	1670	1275	1025	2360
85.0	N/A	2455	1730	1315	1055	2435
90.0	N/A	2555	1785	1355	1085	2505
95.0	N/A	N/A	1845	1400	1120	2575
100.0	N/A	N/A	1900	1440	1155	2640

ID2000 Dynamic Flow Data

Fuel Pressure (psid)	Offset					Slope
						(cc/min)
	8 Volts	10 Volts	12 Volts	14 Volts	16 Volts	
43.5	1455	950	680	495	375	2225
45.0	1475	965	690	500	380	2255
50.0	1540	1020	720	525	405	2365
55.0	1605	1065	750	550	430	2470
60.0	1680	1105	780	580	455	2575
65.0	1750	1140	810	605	475	2680
70.0	1825	1175	840	635	495	2780
75.0	1895	1220	880	665	505	2875
80.0	1965	1270	925	690	515	2970
85.0	2050	1320	965	715	520	3055
90.0	2160	1360	995	750	540	3140
95.0	2290	1395	1015	780	565	3225
100.0	2410	1430	1035	810	590	3300
105.0	2515	1485	1060	830	605	3375
110.0	2620	1555	1095	840	615	3445
115.0	2750	1620	1135	855	630	3515
120.0	2935	1675	1175	875	665	3580
125.0	3175	1720	1220	900	715	3645
130.0	3435	1755	1265	925	755	3710

ID2600-XDS Dynamic Flow Data

Fuel Pressure (psid)	Offset					Slope	
						(cc/min)	
	8 Volts	10 Volts	12 Volts	14 Volts	16 Volts	18 Volts	
43.5	1340	880	605	440	315	275	2600
45.0	1365	895	620	450	325	285	2645
50.0	1450	955	675	485	350	305	2780
55.0	1540	1010	730	520	370	325	2900
60.0	1635	1060	770	555	395	350	3025
65.0	1730	1115	800	590	420	380	3140
70.0	1825	1165	830	625	450	415	3255
75.0	1935	1225	870	660	485	445	3370
80.0	2050	1285	915	690	525	475	3485
85.0	2175	1350	955	745	585	520	3595
90.0	2320	1410	995	745	585	520	3680
95.0	2485	1465	1030	765	605	540	3755
100.0	2670	1520	1060	780	615	550	3810

