

Injector Dynamics ID2000 Instructions

Thanks for purchasing the new Injector Dynamics 2200cc high impedance fuel injectors. Supplied below is the data that you will need to use these injectors properly. If your computer system has the capability to program injector dead times you will want to input all this data (to convert microseconds to milliseconds, move the decimal place 3 places to the left, 1000us = 1ms). Use the information in the data sheet that is equal to the fuel pressure you're running with the vacuum line disconnected from your fuel pressure regulator.

These injectors are high impedance, "saturated" injectors. No resistor or injector driver is needed! If your car has an injector resistor fitted, simply remove the resistor and tie the 12v wire going in to the injector power wires that were coming out.

Honda B,D, F and H series installations require the use of the factory Honda lower injector cushion. Honda had 3 different ones over the years, a thick soft one, a thin soft one and a thin hard one. The one that works best is the thick soft one, which came on most OBD1 cars. The Honda part number is 16472-P10-A01. If you had aftermarket injectors in the past and crammed them into the lower cushion, they may be stretched and no longer fit tight on these injectors, they should be replaced.

The S2000 injectors come assembled with the necessary modifications. The supplied lower cushion will press against the factory cushion for a tight seal.

The K series engines use the 14/48 top adaptor, these fit in just as the stock injectors do.

The WRX injectors use the 11/48 top adaptor and will fit in just as the stock injectors do. The new lower cushion is provided on the injectors. The electrical connector is the same in this application so no wiring is involved.

Standard "EV1" installations (most domestic applications and anything that uses a 'standard' 60mm length and 14mm top oring will use the 14/60 top adaptor.

The crimp on pins for the connectors require the use of a "W" type crimper. Part #408 from www.waytekwire.com is ideal.

If you have any questions feel free to give us a call. We'll be more than happy to help with any problems or questions you may have. Enjoy not being 25 years behind on fuel injector technology anymore!

Fuel Pressure (psi)	Dead Time (usec) - 1000us = 1msec					Flow (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	775	3710