


# INJECTOR DEADTIME CHARTS

## INJECTOR VOLTAGE OFFSET

Part No.	Base Fuel Pressure in psi / bar			
	29psi 2 Bar	43.5psi 3 Bar	58psi 4 Bar	72.5psi 5 Bar
<b>INJ - 139</b>				
8 Volt*	1.40	1.63	1.81	1.98
10 Volt	0.98	1.13	1.28	1.45
12 Volt	0.64	0.74	0.85	1.05
14 Volt	0.37	0.43	0.58	0.81
16 Volt	0.19	0.26	0.44	0.64


Voltage offset values are in milliseconds.

\* Injectors may not pulse at low voltage and high pressure  
 Typical operating voltage zone of a running engine.

## INJECTOR VOLTAGE OFFSET

Part No.	Base Fuel Pressure in psi / bar			
	29psi 2 Bar	43.5psi 3 Bar	58psi 4 Bar	72.5psi 5 Bar
<b>INJ - 213</b>				
8 Volt*	2.13	2.33	2.75	3.02
10 Volt	1.69	1.86	2.09	2.30
12 Volt	1.31	1.46	1.58	1.75
14 Volt	0.99	1.12	1.19	1.31
16 Volt	0.73	0.85	0.93	1.00


Voltage offset values are in milliseconds.

\* Injectors may not pulse at low voltage and high pressure  
 Typical operating voltage zone of a running engine.

## INJECTOR VOLTAGE OFFSET

Part No.	Base Fuel Pressure in psi / bar			
	29psi 2 Bar	43.5psi 3 Bar	58psi 4 Bar	72.5psi 5 Bar
<b>INJ - 153</b>				
8 Volt*	1.89	2.12	2.41	2.69
10 Volt	1.27	1.49	1.71	1.90
12 Volt	0.82	1.00	1.18	1.31
14 Volt	0.49	0.68	0.81	0.92
16 Volt	0.31	0.46	0.59	0.74


Voltage offset values are in milliseconds.

\* Injectors may not pulse at low voltage and high pressure  
 Typical operating voltage zone of a running engine.

## INJECTOR VOLTAGE OFFSET

Part No.	Base Fuel Pressure in psi / bar			
	29psi 2 Bar	43.5psi 3 Bar	58psi 4 Bar	72.5psi 5 Bar
<b>INJ - 223</b>				
8 Volt*	1.83	2.20	2.65	3.33
10 Volt	1.41	1.61	1.90	2.37
12 Volt	1.04	1.13	1.35	1.64
14 Volt	0.74	0.81	0.93	1.14
16 Volt	0.49	0.60	0.68	0.86


Voltage offset values are in milliseconds.

\* Injectors may not pulse at low voltage and high pressure  
 Typical operating voltage zone of a running engine.

## INJECTOR VOLTAGE OFFSET

Part No.	Base Fuel Pressure in psi / bar			
	29psi 2 Bar	43.5psi 3 Bar	58psi 4 Bar	72.5psi 5 Bar
<b>INJ - 154</b>				
8 Volt*	2.01	2.37	2.57	2.91
10 Volt	1.45	1.72	1.92	2.19
12 Volt	1.01	1.22	1.41	1.52
14 Volt	0.70	0.88	1.02	1.15
16 Volt	0.48	0.68	0.78	0.91


Voltage offset values are in milliseconds.

\* Injectors may not pulse at low voltage and high pressure  
 Typical operating voltage zone of a running engine.

## INJECTOR VOLTAGE OFFSET

Part No.	Base Fuel Pressure in psi / bar			
	29psi 2 Bar	43.5psi 3 Bar	58psi 4 Bar	72.5psi 5 Bar
<b>INJ - 266</b>				
8 Volt*	2.32	2.66	2.91	3.31
10 Volt	1.65	1.98	2.21	2.53
12 Volt	1.21	1.39	1.57	1.78
14 Volt	0.77	0.99	1.14	1.31
16 Volt	0.56	0.74	0.84	0.97

Voltage offset values are in milliseconds.

\* Injectors may not pulse at low voltage and high pressure  
 Typical operating voltage zone of a running engine.