

Engine 102.985 CFI up to 08/88

Engine	102.985 up to 1986	102.985 from 1987
CFI system designation	3	3
On-off ratio/DTC readout (CFI)		
On-off ratio readout with ignition: ON		
Engine coolant temperature >80°C	% 50	50
Engine coolant temperature <70°C	% 30	30
Current at EHA		
Ignition: ON	mA -	20
After start enrichment and warmup		
After start enrichment at +20 °C engine coolant temperature	mA 13 – 19	13 – 19
Warmup base value at +20°C engine coolant temperature	mA 3 – 9	3 – 9
Engine coolant temperature +80°C	mA 0±3	0±3
Enrichment during acceleration and at +20°C engine coolant temperature	mA >15	>15
Engine at operating temperature		
Part load mixture correction	mA readout oscillates	readout oscillates
Wide open throttle enrichment at 2000 rpm	mA 8 – 11	7 – 9
Deceleration fuel shut off	approx. mA -60	-60

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Ignition timing and dwell	
Closed throttle (idle) speed	rpm 700 – 800 ⁴⁾
Ignition timing with vacuum	BTDC 8 – 12
Engine speed	rpm 3200
Ignition timing with vacuum	BTDC 39 – 43
Ignition timing without vacuum	BTDC 25 – 29
Dwell	∠° 27 – 54
Dwell	% 30 – 60

4) Closed throttle (idle) speed up to 1986 = 670-770 rpm.

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Closed throttle (idle)				
Selector lever position/Transmission range	P/N	D	P/N	D
Engine oil temperature	80	80	80	80
Closed throttle (idle) speed	700 – 800	<750	700 – 800	<750
Control range	25 – 31	<28	36 – 50	<43
Control range	22 – 28	–	31 – 45	–
On-off ratio readout during deceleration fuel shut off	50		50	
Vacuum	550 – 650		550 – 650	
Lambda control	2.1 – 4.8 V ⁵⁾		50±10	

5) Disconnect oxygen sensor connector. Read control value (Volt). Readout must not oscillate. Reconnect oxygen sensor connector, readout oscillates. Test value must not deviate more than ±0.8 Volt from the control value.

Engine	102.985	
CFI system designation	3	
Engine performance ⁶⁾		
Engine speed	rpm	5000
Output, manual transmission, 3rd gear	hp	96
Output, 4-speed AT, transmission range 3	hp	94

6) These are minimum performance values. Do not exceed speed of 80 mph.



Check performance only at simulated engine coolant temperature of 80 °C (use 2 resistance substitution units)