

Engine 102.983 CFI

Engine	102.983
CFI system designation	3
On-off ratio/DTC readout (CFI) On-off ratio readout with ignition: ON	none
Current at EHA Ignition: ON mA 50 After start enrichment and warmup After start enrichment at +20 °C engine coolant temperature mA 1 – 5 Warmup base value at +20°C engine coolant temperature mA –5 to 15 Engine coolant temperature +80°C mA readout oscillates Enrichment during acceleration and at +20°C engine coolant temperature mA >15 Engine at operating temperature Part load mixture correction mA readout oscillates Wide open throttle enrichment at 2000 rpm mA – Deceleration fuel shut off approx. mA –60	

Note: For test conditions refer to Diagnostic Manual, Engine Volume 2.

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Ignition timing and dwell	
Closed throttle (idle) speed	rpm 890±50
Ignition timing with vacuum	BTDC 14 – 18
Engine speed	rpm 4000
Ignition timing with vacuum	BTDC 29 – 33 ²⁾
Ignition timing without vacuum	BTDC 18 – 22 ²⁾
Engine speed	rpm 3200
Dwell	Δ° 27 – 54
Dwell	% 30 – 60


²⁾ Connector on intake air temperature sensor disconnected.

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Closed throttle (idle)		
Selector lever position/Transmission range	P/N	D
Engine oil temperature °C approx.	80	80
Closed throttle (idle) speed rpm	890±50	670±50
Control range %	40±5	
Control range ∠°	21 – 27	
On-off ratio readout during deceleration fuel shut off %	50	
Vacuum mbar	550 – 650	
Lambda control control range %	50±10	

Engine	102.983	
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Engine performance ⁴⁾		
Engine speed	rpm	5800
Output, manual transmission, 3rd gear	hp	131
Output, 4-speed AT, transmission range 3	hp	125

⁴⁾ 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)