

CARDONE ProTech

Supporting Today's Professional Technician



ENGINE CONTROL COMPUTER BASICS

INPUTS

A/C Compressor Clutch Signal	Detonation Sensor	Oxygen Sensor
A/C "On" Switch	EGR Valve Position Sensor	Park. Neutral Switch
Air Charge Temperature Sensor	Engine Coolant Temperature Sensor	Power Steering Switch
Barometric Pressure Sensor	Hall Effect Pick-Up Assembly	Throttle Position Sensor
Brake On/Off Switch	High Gear Switch	Vacuum Sensor
Camshaft Position Sensor	Manifold Absolute Pressure Sensor	Vehicle Speed Sensor
Coolant Temperature Sensor	Manifold Air Temperature Sensor	
Crankshaft Position Sensor	Mass Airflow Sensor	

ENGINE CONTROL COMPUTER

5V signal to sensors (Reference voltage)

OUTPUTS

A/C Cooling Fan Controller	Mixture Control Solenoid
EGR Shut-Off Solenoid	Oxygen Feedback Solenoid
Fuel Injectors	Purge control Solenoid
Fuel Pump Relay	Throttle Air Bypass Valve
Idle Air Control Motor	Torque Converter Clutch Solenoid

CONTROLS

Air/Fuel Ratio	Idle Air Control Operation
Cooling System Fan Operation	Idle Speed
Early Fuel Evaporation System	Ignition Timing
EGR-Emission Control System	Torque Converter Clutch Engagement
Fuel Delivery	

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