

1975-79 EXHAUST EMISSION SYSTEMS

1979 General Motors Vacuum Diagrams

GENERAL MOTORS VACUUM DIAGRAM ABBREVIATIONS

AIR - Air Injection Reactor; **APDV** - AIR Pump Diverter Valve; **BP-EGR** - Back Pressure Exhaust Gas Recirculation; **BPT** - Back Pressure Transducer; **BPV** - By Pass Valve; **CEAB** - Cold Engine Air Bleed; **CESS** - Cold Engine Sensor Switch; **CP** - Canister Purge; **CTS** - Coolant Temperature Sensor; **CTVS** - Choke Thermal Vacuum Switch; **CV** - Check Valve; **Decel V** - Deceleration Valve; **DS** - Distributor Spark; **DTVS** - Distributor Thermal Vacuum Switch; **DVAS** - Distributor Vacuum Advance Solenoid; **DVDV** - Distributor Vacuum Delay Valve; **DVRV** - Distributor Vacuum Regulating Valve; **ECU** - Electronic Control Unit; **EEC** - Evaporative Emission Control; **EFE** - Early Fuel Evaporation; **EGR** - Exhaust Gas Recirculation; **ESS** - Electronic Spark Selection; **MAP** - Manifold Absolute Pressure; **OS** - Oxygen Sensor; **PAIR** - Pulse Air Injection Reactor; **PAIR SOL** - Pulse Air Injection Reactor Solenoid; **PCV** - Positive Crankcase Ventilation; **SAVM** - Spark Advance Vacuum Modulator; **SDV** - Spark Delay Valve; **SRDV** - Spark Retard Delay Valve; **SVB** - Secondary Vacuum Break; **TAC** - Thermostatic Air Cleaner; **TCV** - Thermal Control Valve; **TVS** - Thermal Vacuum Switch; **TVV** - Thermal Vacuum Valve; **VCK V** - Vacuum Check Valve; **VCS** - Vacuum Control Switch; **VDV** - Vacuum Delay Valve; **VIS** - Vacuum Input Switch; **VM-CV** - Vacuum Modulator Check Valve; **VMV** - Vacuum Modulator Valve; **VRS** - Vacuum Retard Switch; **VRV** - Vacuum Regulator.

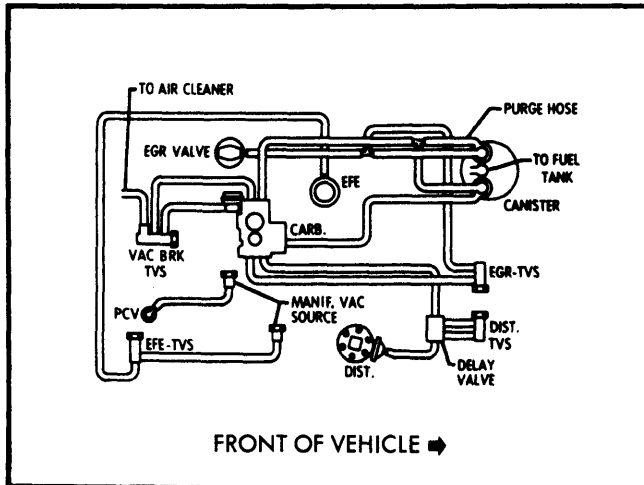


Fig. 1 250" 6 Cyl. Federal Light Duty Emissions Single Fuel Evaporation Canister

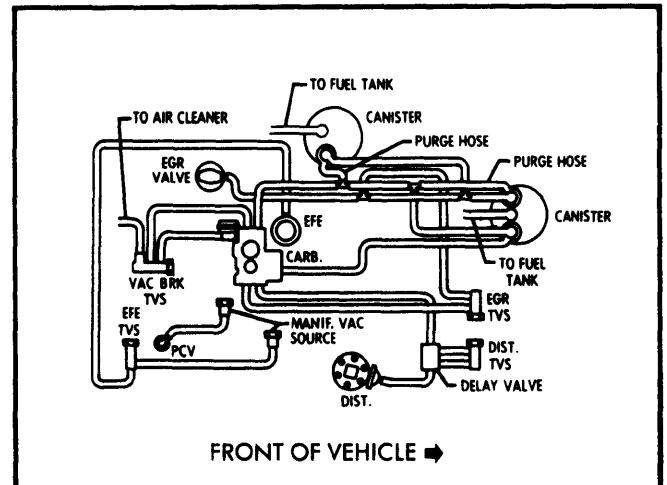


Fig. 2 250" 6 Cyl. Federal Light Duty Emissions Dual Fuel Evaporation Canister

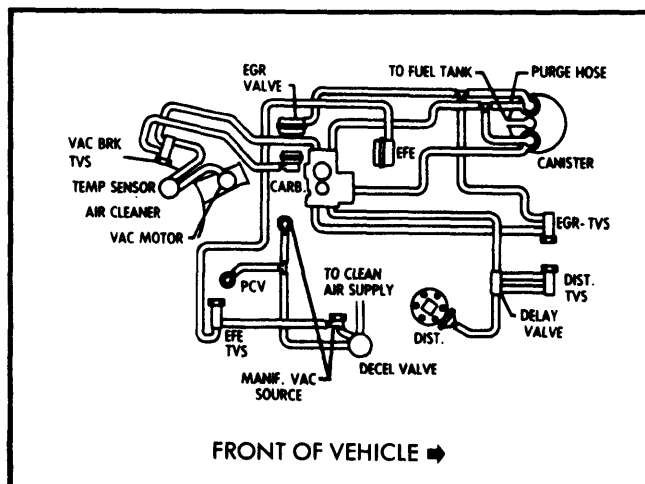


Fig. 3 250" 6 Cyl. California Light Duty Emissions Single Fuel Evaporation Canister

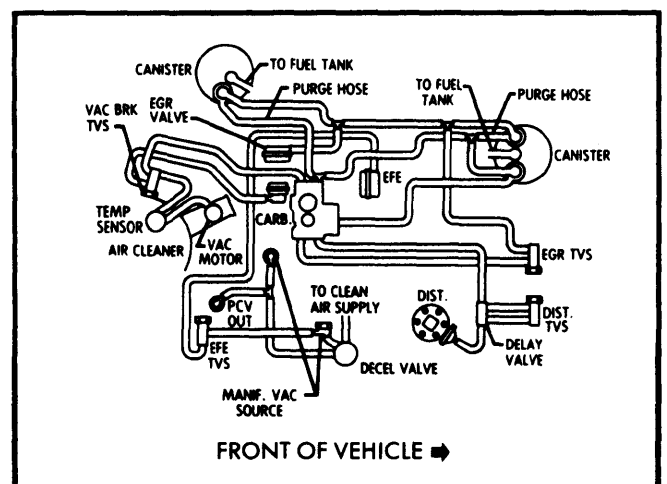


Fig. 4 250" 6 Cyl. California Light Duty Emissions Dual Fuel Evaporation Canister

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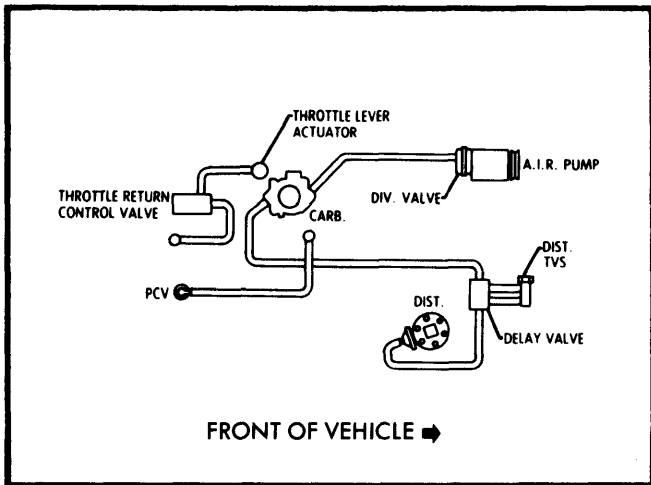


Fig. 5 292" 6 Cyl. Federal Heavy Duty Emissions All Models

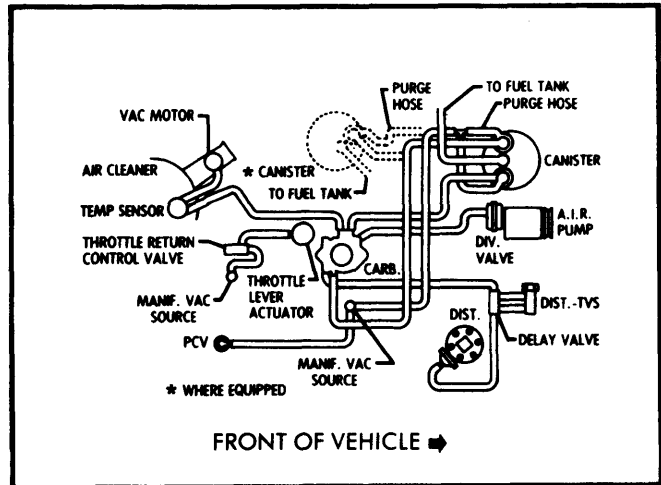


Fig. 6 292" 6 Cyl. California Heavy Duty Emissions All Models

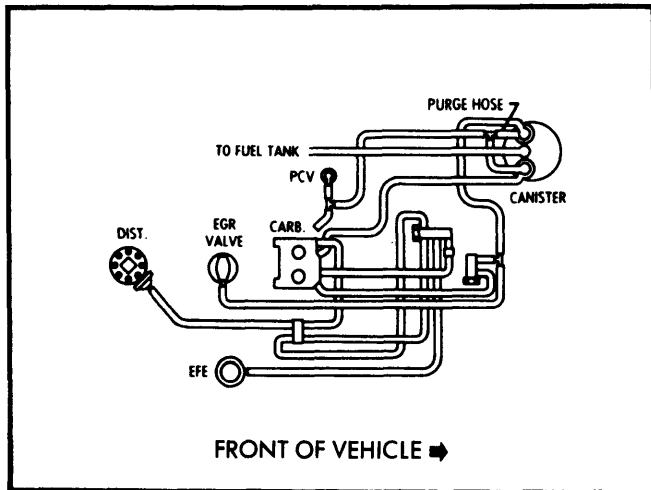


Fig. 7 305" V8 Federal Light Duty Emissions Single Fuel Evaporation Canister

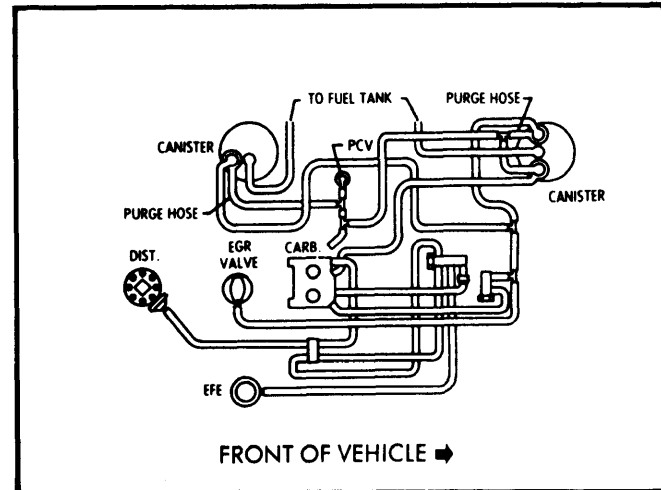


Fig. 8 305" V8 Federal Light Duty Emissions Dual Fuel Evaporation Canister

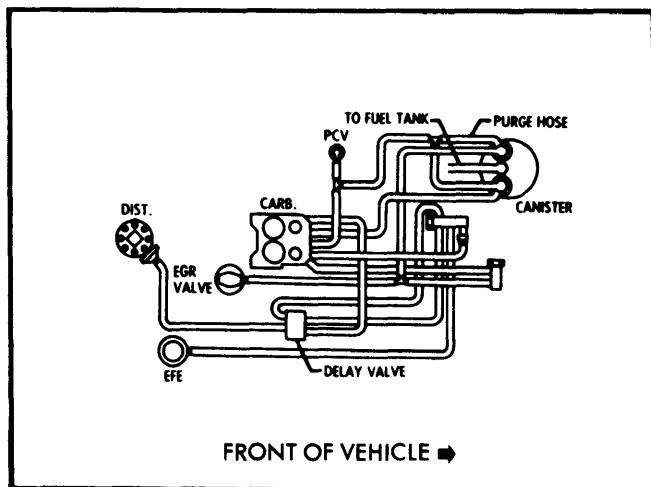


Fig. 9 350" V8 Federal Light Duty Emissions Single Fuel Evaporation Canister

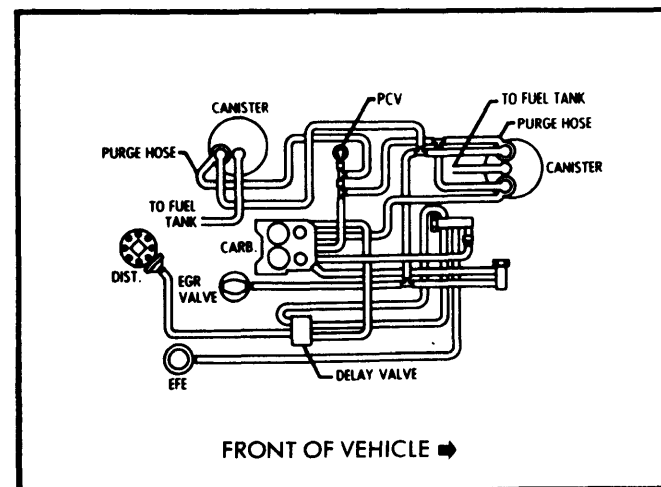


Fig. 10 350" V8 Federal Light Duty Emissions Dual Fuel Evaporation Canister

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1979 General Motors Vacuum Diagrams (Cont.)

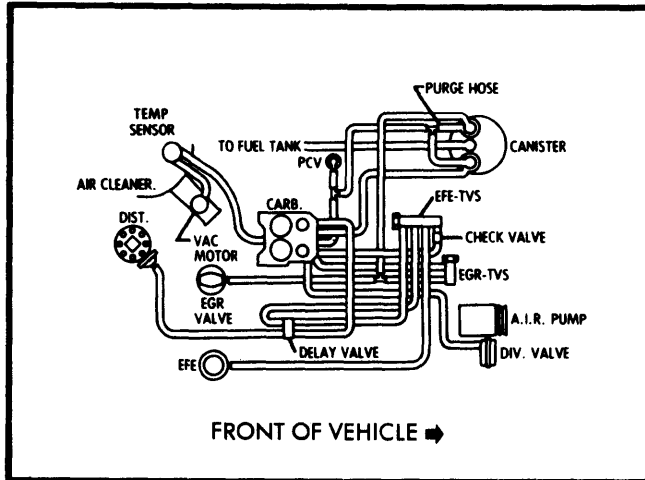


Fig. 11 350" V8 California Light Duty Emissions Single Fuel Evaporation Canister

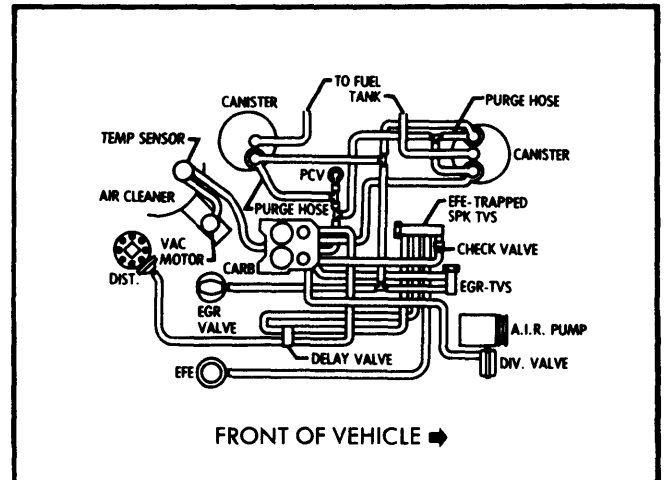


Fig. 12 350" V8 California Light Duty Emissions Dual Fuel Evaporation Canister

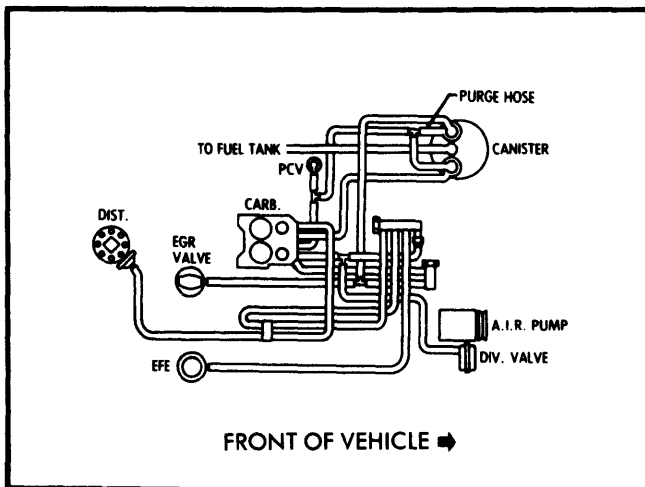


Fig. 13 350" V8 Altitude Light Duty Emissions Single Fuel Evaporation Canister

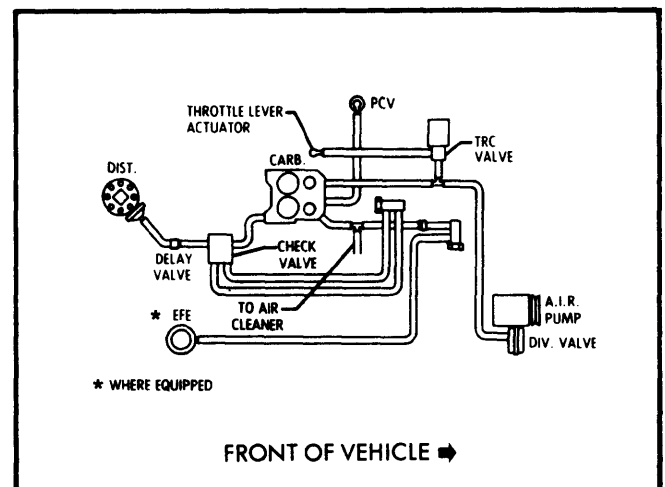


Fig. 14 350" V8 Federal Heavy Duty Emissions All Models

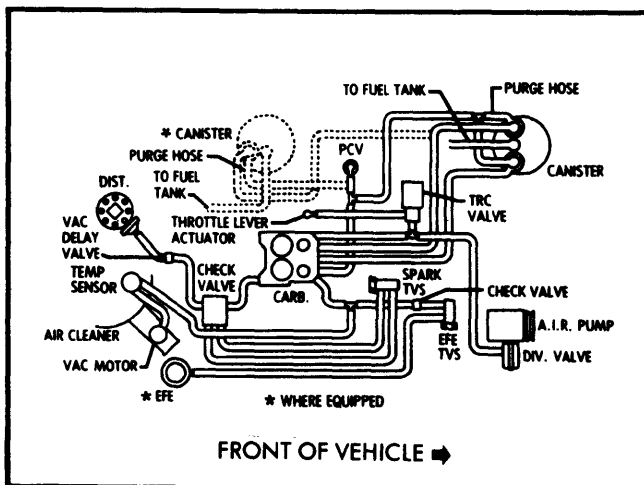


Fig. 15 350" V8 California Heavy Duty Emissions All Models

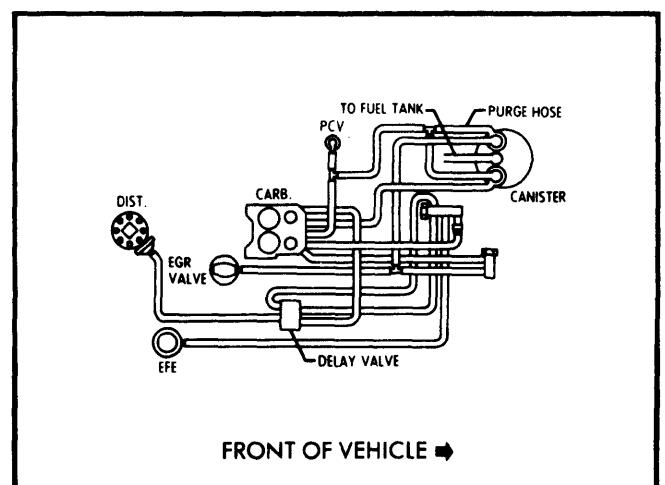


Fig. 16 400" V8 Federal Light Duty Emissions Single Fuel Evaporation Canister

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1979 General Motors Vacuum Diagrams (Cont.)

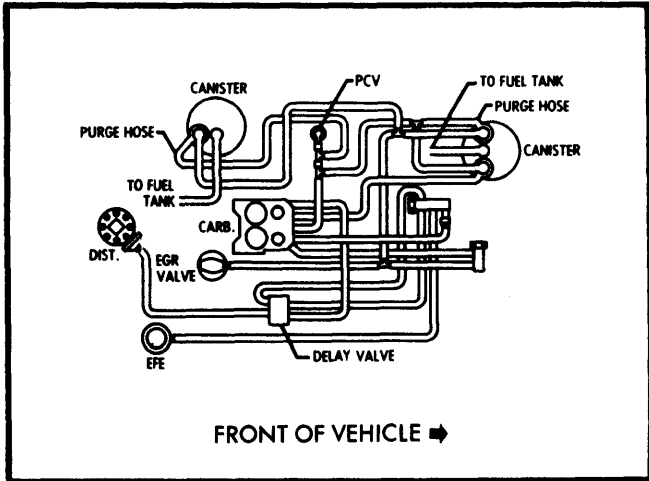


Fig. 17 400" V8 Federal Light Duty Emissions Dual Fuel Evaporation Canister

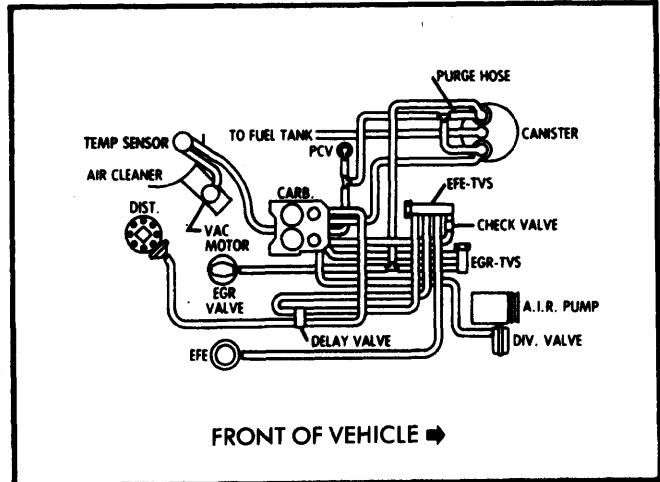


Fig. 18 400" V8 California Light Duty Emissions Single Fuel Evaporation Canister

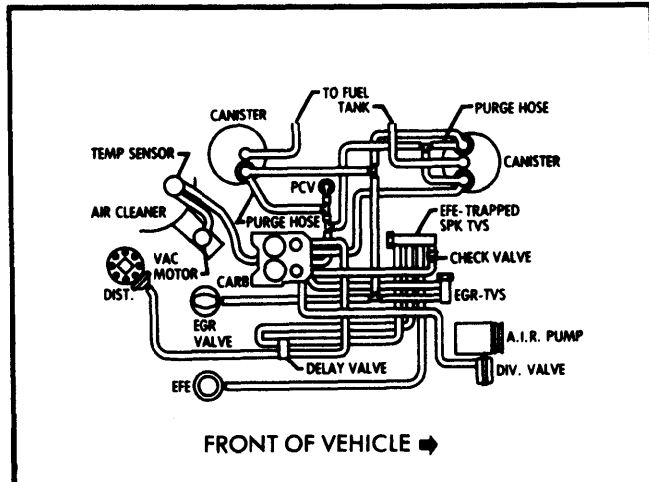


Fig. 19 400" V8 California Light Duty Emissions Dual Fuel Evaporation Canister

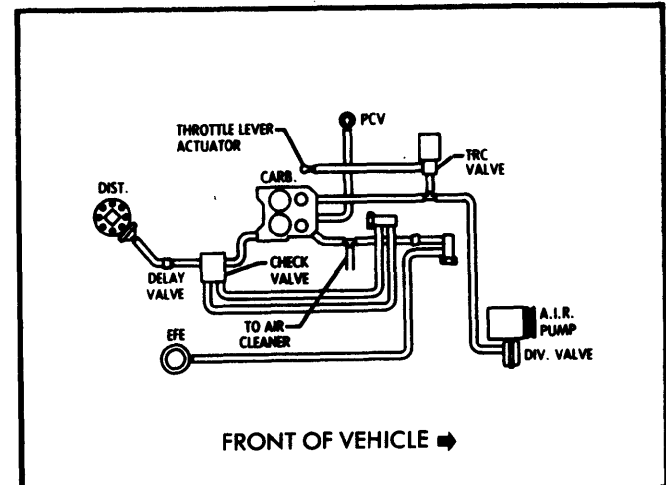


Fig. 20 400" V8 Federal Heavy Duty Emissions All Models

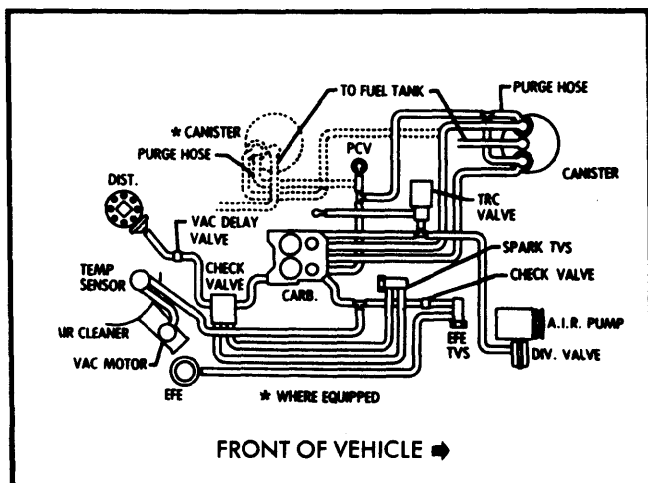


Fig. 21 400" V8 California Heavy Duty Emissions All Models

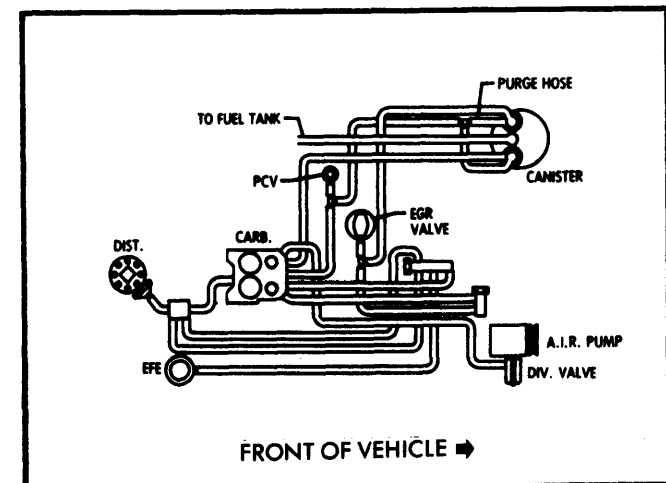


Fig. 22 454" V8 Federal Light Duty Emissions Single Fuel Evaporation Canister

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1979 General Motors Vacuum Diagrams (Cont.)

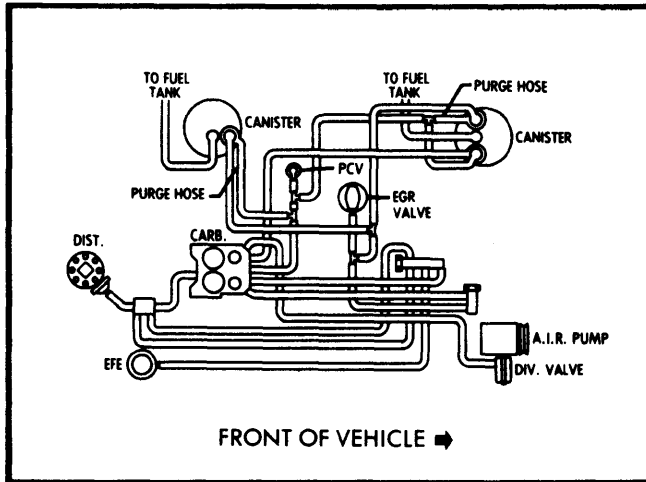


Fig. 23 454" V8 Federal Light Duty Emissions Dual Fuel Evaporation Canister

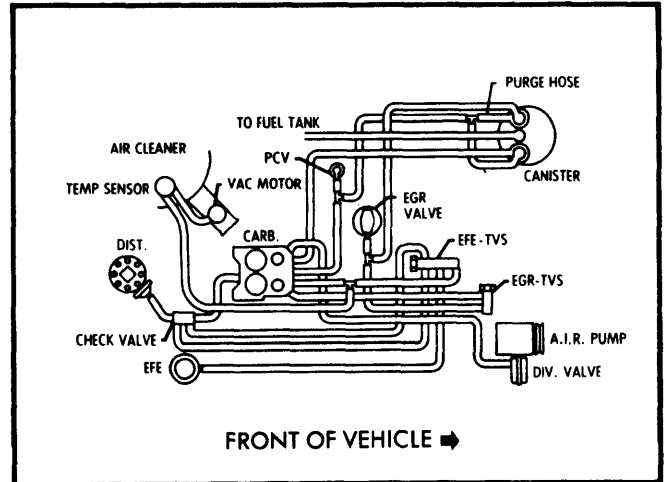


Fig. 24 454" V8 California Light Duty Emissions Single Fuel Evaporation Canister

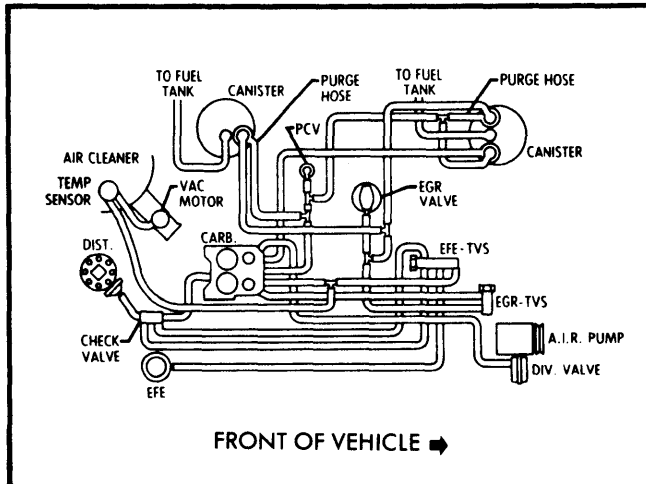


Fig. 25 454" V8 California Light Duty Emissions Dual Fuel Evaporation Canister

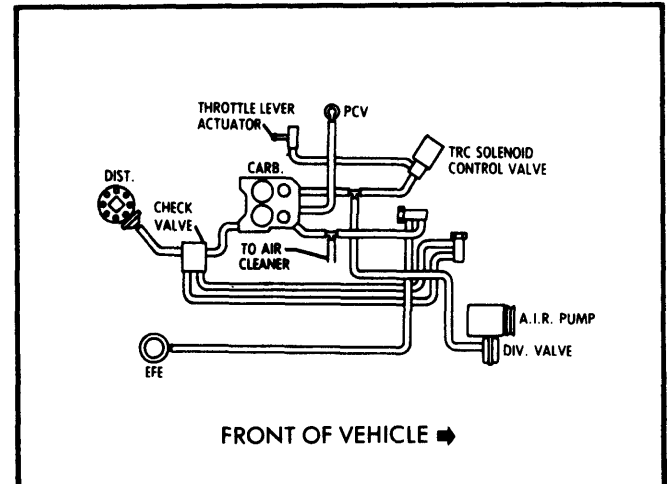


Fig. 26 454" V8 Federal Heavy Duty Emissions All Models

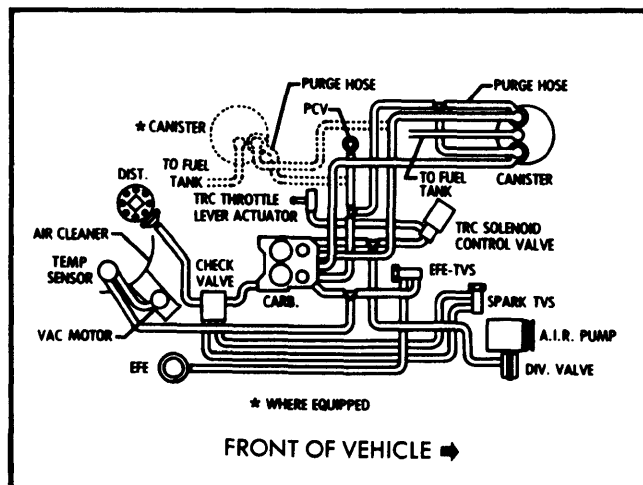


Fig. 27 454" V8 California Heavy Duty Emissions All Models