

3-24 1975-79 EMISSION CONTROL APPLICATIONS Domestic Cars – General Motors (Buick)

1975-78 BUICK

Year, Engine & Fuel System	Emission Control Systems & Devices	Remarks
1975 3.8L (231") V6 2-Bbl. 4.0L (250") 6-Cyl. 1-Bbl. ⁴ 4.0L (250") 6-Cyl. 1-Bbl. ^{2 8} 4.3L (260") V8 2-Bbl. ⁸ 5.7L (350") V8 2 & 4-Bbl. 6.5L (400") 2 & 4-Bbl. ⁸ 7.5L (455") 4-Bbl. ⁸	PCV ¹, TAC, EVAP, OC, EGR, SPK, CAM, CTO, EFE, ISS ², SDV ² PCV ¹, TAC, EVAP, OC, EGR, SPK, EFE, ISS, OTS PCV ¹, TAC, AIS, EVAP, OC, EGR, SPK, EFE, ISS, OTS PCV ¹, TAC, EVAP, OC, BP/EGR, SPK, BPS, CTO EFE, FAI PCV ¹, TAC, AIS ³, EVAP, OC, EGR, SPK, CAM, CTO, EFE ⁵, FAI, TDP ⁶ PCV ¹, TAC, EVAP, OC, EGR, SPK, CTO, EFE PCV ¹, TAC, EVAP, OC, EGR, SPK, CAM, CTO, EFE, FAI, TDP ⁷	¹ – Type 4 closed. ² – Calif. only. ³ – 350" 4-Bbl. Century Wagons & Le Sabre Sedans & Coupes (Calif. only). ⁴ – Federal only. ⁵ – All Exc. 4-Bbl. w/AIS. ⁶ – 350" 4-Bbl. Century, Regal, Le Sabre & Estate models (Calif. only). ⁷ – Le Sabre Sedan & Coupe in Calif. early production. All Le Sabre, Estate, Electra & Riviera models for later production. ⁸ – A/T only.
1976 3.8L (231") V6 2-Bbl. 4.3L (260") V8 2-Bbl. ³ 4.3L (260") V8 2-Bbl. ^{1 4} 4.3L (260") V8 2-Bbl. ^{2 5} 5.7L (350") V8 2 & 4-Bbl. 7.5L (455") 4-Bbl.	PCV, TAC, EVAP, OC, EGR, A/C-ISS ², EFE, EFE-PVS, EGR-PVS, ISS ¹ PCV, TAC, EVAP, OC, BP/EGR, BPS, EGR-TCV, FAI, SAVM ³ PCV, TAC, EVAP, OC, BP/EGR, BPS, EFE, EFE-PVS, EGR-PVS, FAI PCV, TAC, EVAP, OC, BP/EGR, BPS, FAI, TCV PCV, TAC, EVAP, OC, EGR, D-PVS, EFE, EGR-PVS PCV, TAC, EVAP, OC, EGR, D-PVS, EFE, EFE-PVS, EGR-PVS	¹ – Calif. only. ² – Skylark w/A/C. ³ – Federal only. ⁴ – Early production (Calif.). ⁵ – Late production (Calif.).
1977 3.8L (231") V6 2-Bbl. 4.9L (301") V8 2-Bbl. 5.0L (305") V8 2-Bbl. 5.7L (350") V8 4-Bbl. (VIN H & J) 5.7L (350") V8 4-Bbl. (VIN L) 5.7L (350") V8 4-Bbl. (VIN R) 6.6L (403") V8 4-Bbl.	PCV, TAC, AIS ¹, EVAP, OC, BP/EGR, EFE, EFE-CKV, EFE-TVS, EGR-TVS, SAVM ² PCV, TAC, EVAP, OC, BP/EGR, SPK, DSVMV, DTVS, DVDV ³, EFE-CKV, EFE-TVS PCV, TAC, EVAP, OC, BP/EGR, EFE-CKV, EFE-TVS, EGR-TVS PCV, TAC, EVAP, OC, BP/EGR, EFE, EFE-TVS, EGR-TVS PCV, TAC, AIS ⁴, EVAP, OC, BP/EGR, SPK, DTVS ⁴, EFE, EFE-CKV, EFE-TVS, EGR-TVS PCV, TAC, AIS ¹, EVAP, OC, BP/EGR, SPK, CTVS, DTVS, EFE, EGR-TCV PCV, TAC, AIS ¹, EVAP, OC, BP/EGR, SPK, CTVS, DTVS, EFE, EGR-DTVS ⁴, EGR-TCV, SAVM ⁵, VRV ⁵	¹ – Calif. & Hi Alt. only. ² – Economy Special only. ³ – A/T with A/C. ⁴ – Calif. only. ⁵ – Federal only.
1978 3.2L (196") V6 2-Bbl. 3.8L (231") V6 2-Bbl. 3.8L (231") V6 2-Bbl. Turbo 3.8L (231") V6 4-Bbl. Turbo 4.9L (301") V8 2-Bbl. 5.0L (305") V8 2-Bbl. 5.0L (305") V8 4-Bbl.	PCV, TAC, EVAP, OC, EGR, EFE, EFE-CKV, EFE-TVS, EGR-TVS PCV, TAC, AIS ², EVAP, OC, EGR, ADS ¹, EFE, EFE-CKV, EFE-TVS, EGR-TVS, ISS ³ PCV, TAC, EVAP, OC, EGR, EFE, EFE-CKV, EFE-TVS, EGR-TVS PCV, TAC, AIS, EVAP, OC, EGR, EFE, EFE-CKV, EFE-TVS, EGR-TVS PCV, TAC, EVAP, OC, EGR, SPK, DS VMV ⁴, DTVS, DVDV ⁴, EFE, EFE-CKV, EGR-TVS, SVB, TCV PCV, TAC, EVAP, OC, EGR, EFE, EFE-CKV, EFE-TVS, EGR-TVS PCV, TAC, EVAP, OC, EGR, EFE, EFE-CKV, EFE-TVS, EGR-TVS	¹ – Century, Regal, Skyhawk & Skylark with M/T. ² – Calif. & Hi Alt. only. ³ – Estate Wagon, Le Sabre & Riviera with A/T & A/C. ⁴ – A/T & A/C only. ⁵ – Calif. only. ⁶ – Federal only.

1975-79 EMISSION CONTROL APPLICATIONS 3-25

Domestic Cars – General Motors (Buick)

1978-79 BUICK (Cont.)

Year, Engine & Fuel System	Emission Control Systems & Devices	Remarks
1978 (Cont.) 5.7L (350") V8 4-Bbl. (VIN X) 5.7L (350") V8 4-Bbl. (VIN L) 5.7L (350") V8 4-Bbl. (VIN 4) 6.6L (403") V8 4-Bbl.	<p style="text-align: center;">PCV, TAC, EVAP, OC, EGR, SPK, EFE, EFE-TVS, EGR-TVS</p> <p style="text-align: center;">PCV, TAC, AIS ⁵, EVAP, OC, EGR, SPK, EFE, EFE-CKV, EFE-TVS, EGR DTVS ⁵, EGR-TVS</p> <p style="text-align: center;">PCV, TAC, AIS ², EVAP, OC, EGR, SPK, CTVS, DTVS, DVDV ⁵, EFE, TCV, VRV ⁶</p> <p style="text-align: center;">PCV, TAC, AIS ², EVAP, OC, EGR, SPK, CTVS, DTVS, DVDV, EFE, EGR-DTVS ⁵, SAVM, TCV, VRV</p>	<p>¹ – Century, Regal, Skyhawk & Skylark with M/T.</p> <p>² – Calif. & Hi Alt. only.</p> <p>³ – Estate Wagon, Le Sabre & Riviera with A/T & A/C.</p> <p>⁴ – A/T & A/C only.</p> <p>⁵ – Calif. only.</p> <p>⁶ – Federal only.</p>
1979 3.2L (196") V6 2-Bbl. (VIN C) ¹ 3.8L (231") V6 2-Bbl. (VIN A & 2) 3.8L (231") V6 4-Bbl. Turbo (VIN 3) 4.9L (301") V8 2-Bbl. (VIN Y) 4.9L (301") V8 4-Bbl. (VIN W) 5.0L (305") V8 4-Bbl. (VIN H) 5.7L (350") V8 4-Bbl. (VIN L) 5.7L (350") V8 4-Bbl. (VIN X) 5.7L (350") V8 4-Bbl. (VIN R) 6.6L (403") V8 4-Bbl. (VIN K)	<p style="text-align: center;">PCV, TAC, EVAP, OC, EGR, SPK, DTVS, EFE, EFE-CKV, EFE-TVS, EGR-TVS, SAVM</p> <p style="text-align: center;">PCV, TAC, AIS ², EVAP, TWC ², EGR, SPK, CEC, DTVS ⁵, EFE, EFE-CKV, EFE-TVS, EGR-TVS, SAVM ⁵, TAC-TCV</p> <p style="text-align: center;">PCV, TAC, AIS, EVAP, OC, EGR, EFE, EFE-CKV, EFE-TVS, EGR-TVS, SUB-TVS ⁴, TAC-TCV ⁴</p> <p style="text-align: center;">PCV, TAC, EVAP, OC, EGR, SPK, CTVS, DTVS, DVRV, EFE, EFE-TVS, SRDV</p> <p style="text-align: center;">PCV, TAC, EVAP, OC, EGR, SPK, DS-VMV, DTVS, DVDV, EFE, EFE-TVS, SVB-TVS</p> <p style="text-align: center;">PCV, TAC, AIS ³, EVAP, OC, EGR, CP-TVS, DTVS, EFE, EFE-CKV, EFE-TVS, SDV</p> <p style="text-align: center;">PCV, TAC, AIS ³, EVAP, OC, EGR, CP-TVS, EFE, EFE-CKV, EFE-TVS</p> <p style="text-align: center;">PCV, TAC, EVAP, OC, EGR, CP-TVS, CTVS EFE, EFE-TVS, EGR-TVS</p> <p style="text-align: center;">PCV, TAC, AIS ², EVAP, OC, EGR, CTVS, DTVS, EGR-DTVS ², EGR-TCV</p> <p style="text-align: center;">PCV, TAC, AIS ², EVAP, OC, EGR, CTVS, DTVS, EGR-DTVS, EGR-TCV</p>	<p>¹ – Federal only.</p> <p>² – Calif. only.</p> <p>³ – Calif. & Hi Alt. only.</p> <p>⁴ – Riviera only.</p> <p>⁵ – Exc. VIN 2.</p>

1975-79 EMISSION CONTROL APPLICATIONS

Domestic Cars – General Motors (Buick)

- A/C-ISS** – A/C Idle Speed-Up Solenoid
ACV – Air Control Valve
ADS – Anti-Dieseling Solenoid
AIS – Air Injection System
AMgV – Air Management Valve
APCV – Air Pump Control Valve
APDV – Air Pump Diverter Valve
ASS – Air Switching Solenoid
ASV – Air Switching Valve
ATS – Air Temp. Sensor
BP/EGR – Backpressure EGR
BPS – Backpressure System/Sensor
BPT – Backpressure EGR Transducer
BPV – By-Pass/Backpressure Valve
C-4 – Computer Controlled Catalytic Converter
CAM – Choke Air Modulator Switch
CANCV – Canister Control Valve
CCS – Controlled Combustion System
CDR – Crankcase Depression Relief
CEAB – Cold Engine Air Bleed
CEC – Combined Emission Control Valve
CEC – Computerized Engine Control
CESS – Cold Engine Sensor Switch
CKV – Check Valve
CP – Canister Purge
CPS – Canister Purge Solenoid
CPV – Canister Purge Valve
CTO – Coolant Temp. Override
CTS – Coolant Temp. Switch
CTVS – Choke Thermal Vacuum Switch
CV – Control Valve/Crankcase Ventilation
DBC – Dual Bed Catalytic
DCLV – Deceleration Valve
DELEL V – Deceleration Valve
DLV – Delay Valve
DPS – Differential Pressure Sensor
D-PVS – Distributor Ported Vacuum Switch
DS – Distributor Spark
DSVMV – Distributor Spark Vacuum Modulator Valve
DTVS – Distributor Thermal Vacuum Switch
DVAS – Distributor Vacuum Advance Solenoid
DVDV – Distributor Vacuum Delay Valve
DVRV – Distributor Vacuum Regulating Valve
EAC – Electric Air Control Valve
EAS – Electric Air Switching Valve
ECU – Electronic Control Unit
EFE – Early Fuel Evaporation
EFE-PVS – EFE Ported Vacuum Switch
EFE-TVS – EFE Thermal Vacuum Switch
EFI – Electronic Fuel Injection
EGR – Exhaust Gas Recirculation
EGRCS – EGR Control Solenoid
EGR-DTVS – EGR Dist. Thermal Vac. Switch
EGR-PVS – EGR Ported Vac. Switch
EGR-TCV – EGR Thermal Control Valve
EPR – Exhaust Pressure Regulator
ESC – Electronic Spark Control
ESS – Electronic Spark Selection
EST – Electronic Spark Timing
ETS – Engine Temp. Switch
EVAP – Evaporative Control System
FAI – Fresh Air Intake System
FBVS – Fuel Bowl Vent Solenoid
ISS – Idle Stop Solenoid
MAP – Manifold Absolute Pressure Sensor
MPFI – Multi-Port Fuel Injection
NLV – Non-Linear Valve
O₂ – Oxygen Sensor
OC – Oxidation Catalyst
ORC – Oxidation Reduction Catalytic
OTS – Oil Temp. Switch for Early Fuel Evaporation
PAS – Pulse Air Solenoid
PCV – Positive Crankcase Ventilation
PEVR – Power Enrichment Vacuum Regulator
PFI – Port Fuel Injection
PR-CV – Pressure Control Valve
PSV – Pulse Air Shut-Off Valve
PV – Pulse Air Valve
R-DLV – Retard Delay Valve
RDV – Distributor Retard Delay Valve
RLY – Relay
SAVM – Spark Advance Vacuum Modulator
SBC – Single Bed Catalytic
SDV – Spark Delay Valve
SOL – Solenoid
SOL-ASS – Solenoid Assembly
SRDV – Spark Retard Delay Valve
SVB – Secondary Vacuum Break
SWV – Switching Valve
TAC – Thermostatic Air Cleaner
TAS – Throttle Actuator Solenoid
TBI – Throttle Body Injection
TBVV – Thermal Bowl Vent Valve
TCS – Transmission Controlled Spark
TCV – Thermal Control Valve
TDP – Throttle Closing Dashpot
TK – Throttle Kicker
TP-CV – Tank Pressure Control Valve
TPS – Throttle Position Sensor
TPI – Tuned Port Injection
TRV – Transmission Vacuum Valve
TVS – Thermal Vacuum Switch
TVV – Thermal Vacuum Valve
TWC – Three-Way Catalyst
VCKV – 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
VP – Vacuum Pump
VRS – Vacuum Retard Switch
VRV – Vacuum Reducer/Regulator Valve
VS – Vacuum Switch
VSENS – Vacuum Sensor
VSS – Vacuum Switch Solenoid
VSV – Vacuum Switching Valve
WSTGT – Wastegate
WSTGT-ACT – Wastegate Actuator
WSTGT-SOL – Wastegate Solenoid

1975-79 EMISSION CONTROL APPLICATIONS

Domestic Cars – General Motors (Cadillac)

3-27

1975-79 CADILLAC

Year, Engine & Fuel System	Emission Control Systems & Devices	Remarks
1975 8.2L (500") V8 4-Bbl. 8.2L (500") V8 EFI	PCV ¹ , TAC, AIS ² , EVAP, OC, EGR ² , BPS ² , EFE, TVS PCV ¹ , TAC, AIS ² , EVAP, OC, EGR, BPS, TVS	¹ – Type 4 closed. ² – Used on all Calif. models & all commercial chassis with 145 amp alternator.
1976 5.7L (350") V8 EFI 8.2L (500") V8 4-Bbl. 8.2L (500") V8 EFI	PCV, AIS, EVAP, OC, BP/EGR, BPS, EFE, TVS PCV, TAC, AIS ¹ , EVAP, OC, EGR ¹ , BPS ¹ , EFE, TVS PCV, AIS, EVAP, OC, BP/EGR, BPS, TVS	¹ – Used on all Calif. models & all commercial chassis with 145 amp. alternator.
1977 5.7L (350") V8 EFI 7.0L (425") V8 4-Bbl. 7.0L (425") V8 EFI	PCV, AIS, EVAP, OC, BP/EGR, SPK, SD ¹ PCV, TAC, AIS ¹ , EVAP, OC, BP/EGR, SPK, PCV, AIS, EVAP, OC, BP/EGR, SPK, SD ¹	¹ – Calif. only.
1978 5.7L (350") V8 EFI 7.0L (425") V8 4-Bbl. 7.0L (425") V8 EFI	PCV, AIS, EVAP, OC, BP/EGR, DS TVS ¹ , DV, ESS ² PCV, TAC, AIS ³ , EVAP, OC, BP/EGR, DS-TVSS, DV, EFE, EFE-TVSS, EGR-TVSS, SVB-TVSS ⁴ , TAC-TVSS ⁴ PCV, AIS, EVAP, OC, BP/EGR, BPT, DS-TVSS, DV, DVAS ⁵	¹ – Calif. Seville only. ² – Seville only. ³ – Exc. Federal. ⁴ – Exc. Calif. DeVille & Brougham. ⁵ – Calif. DeVille & Brougham only.
1979 5.7L (350") V8 EFI (VIN B) 7.0L (425") V8 4-Bbl. (VIN S) 7.0L (425") V8 EFI (VIN T)	PCV, AIS ² , EVAP, OC, BP/EGR, SPK ⁷ , APDV ¹ , BPT, DTVS ³ , ESS, MAP PCV, TAC, AIS ⁴ , EVAP, OC, BP/EGR, SPK, APDV ⁴ , EFE, EFE-TVSS ⁴ , EGR-DTVS, EGR-TCV, EGR-TVSS ⁵ , ESS ⁶ , TVS PCV, AIS, EVAP, OC, BP/EGR, SPK ⁷ , APDV, BPT, DTVS, DVAS, MAP	¹ – Federal Seville only. ² – Not used on Calif. Seville. ³ – Not used on Federal Seville. ⁴ – Not used on Federal DeVille & Brougham. ⁵ – Used on Federal DeVille & Brougham only. ⁶ – Not used on Federal or High Alt. DeVille & Brougham. ⁷ – Calif. & High Alt. only.

1975-79 EMISSION CONTROL APPLICATIONS

Domestic Cars – General Motors (Cadillac)

ACV – Air Control Valve
AICV – Air Injection Control Valve
AIS – Air Injection System
AMgV – Air Management Valve
APCV – Air Pump Control Valve
APDV – Air Pump Diverter Valve
ASS – Air Switching Solenoid
ASV – Air Switching/Solenoid Valve
ATS – Air Temp. Sensor
BP/EGR – Backpressure EGR
BPS – Backpressure Sensor
BPT – Backpressure Transducer
BPV – By-Pass/Backpressure Valve
C^{PI} – Computer Controlled Ignition Coil
CAN – Charcoal Canister
CCS – Controlled Combustion System
CDR – Crankcase Depression Relief
CEC – Computerized Engine Control
CKV – Check Valve
CP – Canister Purge
CPS – Canister Purge Solenoid
CPV – Canister Purge Valve
CV – Control Valve
DBC – Dual Bed Catalytic
DCLV – Deceleration Valve
DFI – Digital Fuel Injection
DLV – Delay Valve
DS-TVS – Dist. Spark Thermal Vac. Switch
DTVS – Dist. Thermal Vac. Switch
DV – Diverter Valve
DVAS – Dist. Vac. Advance Solenoid
EFE – Early Fuel Evaporation
EFE-TVS – EFE Thermal Vac. Switch

EFI – Electronic Fuel Injection
EGR – Exhaust Gas Recirculation
EGRCS – EGR Control Solenoid
EGR-TCV – EGR Therm. Control Valve
EGR-TVS – EGR Therm. Vac. Switch
EGR-DCTO – EGR Dual Cool. Temp. Override
EPR – Exhaust Pressure Regulator
ESC – Electronic Spark Control
ESS – Electronic Spark Selection
ETS – Engine Temp. Switch
EVAP – Evaporative Emission Control
EVRV – Electronic Vac. Regulator Valve
EVS – Economy Vac. Switch
MAP – Manifold Absolute Press. Sens.
MPFI – Multi-Port Fuel Injection
NLV – Non-Linear Valve
OC – Oxidation Catalyst
ORC-OC – Oxidation Reduction Catalytic-Oxidizing Converter
O₂ – Oxygen Sensor
PAS – Pulse Air Solenoid
PCV – Positive Crankcase Ventilation
PEVR – Power Enrichment Vac. Regulator
PFI – Port Fuel Injection
PR-CV – Pressure Control Valve
PSV – Pulse Air Shutoff Valve
PV – Pulse Air Valve
R-DLV – Retard Delay Valve
RLY – Relay
SAVM – Spark Advance Vac. Modulator
SBC – Single Bed Catalytic
SCS – Speed Control Switch
SD – Spark Delay
SOL – Solenoid
SOL-ASS – Solenoid Assembly

SVB – Secondary Vac. Break
SWV – Switching Valve
TAC – Thermostatic Air Cleaner
TAC-TVS – TAC Therm. Vac. Switch
TBI – Throttle Body Injection
TBVV – Thermal Bowl Vent Valve
TCS – Transmission Controlled Spark
TCV – Thermal Control Valve
TK – Throttle Kicker
TP-CV – Tank Pressure Control Valve
TPS – Throttle Position Switch
TPI – Tuned Port Injection
TRV – Transmission Vac. Valve
TVM – Transmission Vac. Modulator
TVS – Thermal Vacuum Switch
TVV – Thermal Vac. Valve
TWC – Three-Way Catalytic
VB – Vacuum Break
VCK-V – Vacuum Check Valve
VCS – Vacuum Control Switch
VDV – Vacuum Delay Valve
VM-CV – Vac. Modulator Check Valve
VMV – Vac. Modulator Valve
VP – Vacuum Pump
VRES – Vacuum Reservoir
VRS – Vacuum Retard Switch
VRV – Vacuum Regulator Valve
VS – Vacuum Switch
VSENS – Vacuum Sensor
VSS – Vac. Switching Solenoid
VSV – Vac. Switching Valve

1975-79 EMISSION CONTROL APPLICATIONS 3-29

Domestic Cars – General Motors (Chevrolet)

1975-79 CHEVROLET

Year, Engine & Fuel System	Emission Control Systems & Devices	Remarks
1975 2.3L (140") 4-Cyl. 1-Bbl. ⁴ 2.3L (140") 4-Cyl. 2-Bbl. 4.2L (250") 6-Cyl. 1-Bbl. ⁴ 4.2L (250") 6-Cyl. 1-Bbl. ^{3 7} 4.3L (262") V8 2-Bbl. 5.7L (350") V8 2-Bbl. ⁴ 5.7L (350") V8 4-Bbl. ⁵ 5.7L (350") V8 4-Bbl. ⁶ 6.5L (400") V8 4-Bbl. ⁷ 7.5L (454") V8 4-Bbl. ^{4 7}	PCV ¹ , TAC, EVAP, OC, EGR, SPK, EFE, TCS ² PCV ¹ , TAC, AIS ³ , EVAP, OC, EGR, SPK, CCS ⁴ , EFE, TCS ³ PCV ¹ , TAC, EVAP, OC, EGR, CCS, EFE PCV ¹ , TAC, EVAP, OC, EGR, CAI, EFE PCV ¹ , TAC, AIS ³ , EVAP, OC, EGR, CCS ⁴ , EFE PCV ¹ , TAC, EVAP, OC, EGR, CCS, EFE PCV ¹ , TAC, EVAP, OC, EGR, CAI ³ , CCS ⁴ , EFE PCV ¹ , TAC, AIS, EVAP, OC, EGR, EFE PCV ¹ , TAC, EVAP, OC, EGR, CAI ³ , CCS ⁴ , EFE PCV ¹ , TAC ⁴ , EVAP, OC, EGR, CCS, EFE	¹ – Type 4 closed. ² – M/T only. ³ – Calif. only. ⁴ – Federal only. ⁵ – RPO LM1 (155 HP) only. ⁶ – RPO L48 (165 HP) & L82 (205 HP) only. ⁷ – A/T only. ⁶ – M/T only.
1976 1400 cc 4-Cyl. 1-Bbl. ⁵ 1400 cc 4-Cyl. 1-Bbl. ⁴ 1600 cc 4-Cyl. 1-Bbl. ⁵ 1600 cc 4-Cyl. 1-Bbl. ⁴ 2000 cc Cosworth 4-Cyl. EFI 2300 cc 4-Cyl. 1-Bbl. ⁵ 2300 cc 4-Cyl. 2-Bbl. ⁵ 2300 cc 4-Cyl. 2-Bbl. ⁴ 4.2L (250") 6-Cyl. 1-Bbl. ⁵ 4.2L (250") 6-Cyl. 1-Bbl. ^{2 4} 4.3L (262") V8 2-Bbl. ⁵ 5.0L (305") V8 2-Bbl. ^{2 5} 5.0L (305") V8 2-Bbl. ^{2 4} 5.7L (350") V8 2-Bbl. ⁵ 5.7L (350") V8 4-Bbl. 6.5L (400") V8 4-Bbl. ² 7.5L (454") V8 4-Bbl. ^{2 5}	PCV, TAC, EVAP, OC, EGR, CCS, ISS PCV, TAC, AIS, EVAP, OC, EGR, DVD, EGR-TVS, ISS PCV, TAC, EVAP, OC, EGR, CCS, ISS PCV, TAC, AIS, EVAP, OC, EGR, DVD, EGR-TVS, ISS PCV, AIS, EVAP, OC PCV, TAC, EVAP, OC, EGR, SPK, CCS, ISS, TCS ¹ PCV, TAC, EVAP, OC, EGR, CCS, ISS, TCDV ² PCV, TAC, AIS, EVAP, OC, EGR, ISS, TCDV ² PCV, TAC, EVAP, OC, EGR, CCS, EFE, ISS PCV, TAC, AIS, EVAP, OC, EGR, EFE, EGR-TVS, ISS PCV, TAC, EVAP, OC, EGR, CCS, EFE PCV, TAC, EVAP, OC, EGR, CCS, EFE, EGR-TVS PCV, TAC, AIS ³ , EVAP, OC, EGR, EFE, EGR-TVS PCV, TAC, EVAP, OC, EGR, CCS, EFE, EGR-TVS PCV, TAC, AIS, EVAP, OC, EGR, CAI, EFE, EGR-TVS PCV, TAC, AIS, EVAP, OC, EGR, CAI, EFE, EGR-TVS PCV, TAC, AIS, EVAP, OC, EGR, EFE, EGR-TVS	¹ – M/T only. ² – A/T only. ³ – Exc. VIN U. ⁴ – Calif. only. ⁵ – Federal only.
1977 1400 cc 4-Cyl. 1-Bbl. 1600 cc 4-Cyl. 1-Bbl. 2.3L (140") 4-Cyl. 2-Bbl. 4.2L (250") 6-Cyl. 1-Bbl. 5.0L (305") V8 2-Bbl. 5.7L (350") V8 4-Bbl.	PCV, TAC, EVAP, OC, EGR PCV, TAC, AIS ¹ , EVAP, OC, EGR PCV, TAC, AIS, EVAP, OC, EGR PCV, TAC, AIS ¹ , EVAP, OC, EGR, EFE PCV, TAC, AIS ² , EVAP, OC, EGR, EFE, SD ¹ PCV, TAC, AIS ² , EVAP, OC, EGR, EFE	¹ – Calif. only. ² – Calif. & High Alt.
1978 1600 cc 4-Cyl. 1-Bbl. 2.5L (151") 4-Cyl. 2-Bbl. 3.2L (196") V6 2-Bbl. ³ 3.3L (200") V6 2-Bbl. ³ 3.8L (231") V6 2-Bbl. 4.2L (250") 6-Cyl. 1-Bbl. 5.0L (305") V8 2-Bbl. 5.7L (350") V8 4-Bbl.	PCV, TAC, AIS ¹ , EVAP, OC, EGR PCV, TAC, EVAP, TWC, EGR, SPK, CEC, CVB, DTVS, ECU ² , EFC ⁴ , EFE, VDV PCV, TAC, EVAP, OC, EGR, EFE PCV, TAC, EVAP, OC, EGR, SPK, EFE, TS PCV, TAC, AIS ¹ , EVAP, OC, EGR, CP-TVS, EFE PCV, TAC, AIS ⁴ , EVAP, OC, EGR, SPK, EFE, TS PCV, TAC, AIS ¹ , EVAP, OC, EGR, SPK, EFE, SDV ⁴ PCV, TAC, AIS ¹ , EVAP, OC, EGR, EFE	¹ – Calif. & High Alt. ² – Calif. 6510-C 2-Bbl. only ³ – Federal only. ⁴ – Calif. only.
1979 1.6L (98") 4-Cyl. 2-Bbl. 2.5L (151") 4-Cyl. 2-Bbl. (VIN V) 2.5L (151") 4-Cyl. 2-Bbl. (VIN 1) 3.2L (196") V6 2-Bbl. (VIN C) ³ 3.3L (200") V6 2-Bbl. (VIN M) ³ 3.8L (231") V6 2-Bbl. (VIN A)	PCV, TAC, AIS ¹ , EVAP, OC, EGR, DCLV ¹ , DVDV, EGR-TVS ¹ , TVS PCV, TAC, EVAP, TWC, EGR, SPK, DS-TVS, DS-VDV, EGR-TVS PCV, TAC, EVAP, TWC, EGR, SPK, CDV, CEAB-TVV, DS-TVV, EFE, EFE-TVV, VCK V, VIS, VRS PCV, TAC, EVAP, OC, EGR, SPK, DTVS, EFE-CV, EFE-TVS, EGR-TVS, SAVM PCV, TAC, EVAP, OC, EGR, SPK, CP-TVS, DTVS, EFE, EFE-TVS, EGR-TVS PCV, TAC, AIS ¹ , EVAP, OC/TWC ² , BP/EGR, CEC ² , APDV ¹ , CP-TVS, DTVS, DVDV ⁴ , EFE, EFE-CV, EFE-TVS, EGR-TVS, SAVM, TAC-TCV	¹ – Calif. & High Alt. ² – Calif. only ³ – Federal only. ⁴ – Calif. M/T only. ⁵ – Not used on Monza. ⁶ – Except some Fed. VIN 8. ⁷ – Used on some VIN 4 only.

3-30 **1975-79 EMISSION CONTROL APPLICATIONS**
Domestic Cars – General Motors (Chevrolet)

1979 CHEVROLET (Cont.)

Year, Engine & Fuel System	Emission Control Systems & Devices	Remarks
1979 (Cont.) 4.2L (250") 6-Cyl. 1-Bbl. 4.3L (267") V8 2-Bbl. (VIN J) ³ 5.0L (305") V8 2-Bbl. (VIN G) 5.0L (305") V8 4-Bbl. (VIN H) 5.7L (350") V8 4-Bbl. (VIN L) 5.7L (350") V8 4-Bbl. (VIN 4 & 8)	PCV, TAC, AIS ², EVAP, OC, EGR, APDV ², DVDV ³, DV-TVS ², EFE-TVS, EGR-TVS PCV, TAC, EVAP, OC, EGR, CP-TVS, DTVS, EFE-TVS, EGR-TVS, VCK V PCV, TAC, AIS ², EVAP, OC, EGR, APDV ², CP-TVS, DTVS ³, EFE-TVS, EGR-TVS, VCK V PCV, TAC, AIS ¹, EVAP, OC, EGR, APDV ¹, CP-TVS, DTVS ³, EFE-TVS, EGR-TVS, VCK V PCV, TAC, AIS ², EVAP, OC, EGR, APDV ¹, CP-TVS, DTVS, EGR-TVS, VCK V PCV, TAC, AIS ⁶, EVAP, OC, EGR, APDV ⁶, CP-TVS, DTVS ⁷, EFE-TVS, EGR-TVS, VCK V	1 – Calif. & High Alt. 2 – Calif. only 3 – Federal only. 4 – Calif. M/T only. 5 – Not used on Monza. 6 – Except some Fed. VIN 8. 7 – Used on some VIN 4 only.
1979½ Citation 2.5L (151") 4-Cyl. 2-Bbl. (VIN 5) 2.8L (173") V6 2-Bbl. (VIN 7) ³ 2.8L (173") V6 2-Bbl. (VIN 7) ²	PCV, TAC, EVAP, TWC, EGR, SPK, DS-TVS, DS-VDV, DS-VRV ¹, EGR-TVS PCV, TAC, AIS, EVAP, TWC, EGR, SPK, CP-TVS, DCLV, DS-TVS, EFE, EFE-CV, EFE-TVS, EGR-TVS, SVB-TVS PCV, TAC, AIS, EVAP, TWC, BP/EGR, SPK, AIS-SOL, CP-TVS, DCLV, DS-TVS, DS-VDV, EFE, EFE-CV, EFE-TVS, EGR-TVS, SVB-TVS	1 – Not used in Calif. 2 – Calif. only. 3 – Federal only.

1975-79 EMISSION CONTROL APPLICATIONS 3-31

Domestic Cars – General Motors (Chevrolet)

AAV – Auxiliary Air Valve	DVAS – Distributor Vac. Advance Solenoid	SBC – Single Bed Catalytic
ACV – Air Control Valve	DVD – Differential Vac. Delay Valve	SD – Spark Delay
AIS – Air Injection System	DVDV – Distributor Vac. Delay Valve	SDV – Spark Delay Valve
AIS-SOL – AIS Solenoid	DVRV – Distributor Vac. Regulating Valve	SEC-ACT – Secondary Actuator
AMgV – Air Management Valve	EBCV – Electronic Air Bleed Control Valve	SOL – Solenoid
APCV – Air Pump Control Valve	ECU – Electronic Control Unit	SPK – Spark Control
APDV – Air Pump Diverter Valve	EFC – Electronic Fuel Injection	SRDV – Spark Retard Delay Valve
ASS – Air Switching Solenoid	EFE – Early Fuel Evaporation	SSC-ACT – Stepped Speed Control Actuator
ASV – Air Switching Valve	EFE-PVS – EFE Ported Vac. Switch	SSC-SOL – Stepped Speed Control Solenoid
ATS – Air Temp. Switch	EFE-TVS – EFE Thermal Vac. Switch	SVB – Secondary Vac. Break
BP/EGR – Backpressure EGR	EGR – Exhaust Gas Recirculation	SWV – Switching Valve
BPS – Backpressure Sensor	EGR/BPS – EGR Backpressure Sensor	TAC – Thermostatic Air Cleaner
BPT – Backpressure Transducer	EGRCS – EGR Control Solenoid	TBI – Throttle Body Injection
BPV – By-Pass Valve	EGR-CV – EGR Control Valve	TBVV – Thermal Bowl Vac. Valve
BVSV – Vac. Switching Valve	EGR-PVS – EGR Ported Vac. Switch	TCDV – Thermal Check & Delay Valve
CANCV – Canister Control Valve	EGR-TS – EGR Temp. Switch	TCS – Transmission Controlled Spark
CAI – Catalyst Air Injection	EGR-TVS – EGR Thermal Vac. Switch	TCV – Thermal Check/Control Valve
CCS – Controlled Combustion	EGR-VM – EGR Vac. Modulator	TK – Throttle Kicker
CCV – Canister Control Valve	EPR – Exhaust Pressure Regulator	TP-CV – Tank Pressure Control Valve
CDR – Crankcase Depression Relief	ESC – Electronic Spark Control	TPI – Tuned Port Injection
CEAB – Cold Engine Air Bleed	ESS – Electronic Spark Selection	TRV – Transmission Vac. Valve
CEC – Computerized Engine Control	ESSM – Engine Speed Switch Module	TS – Trapped Spark
CEC – Combined Emission Control Valve	ETS – Engine Temp. Switch	TVIS – Throttle Vac. Idle Speed Diaphragm
CESS – Cold Engine Sensor Switch	EVAP – Evaporative Emission Control	TVS – Thermal Vac. Switch
CFI – Cross Fire Injection	FIA – Fast Idle Actuator	TVV – Thermal Vac. Valve
CKV – Check Valve	FISR – Fast Idle Solenoid Relay	TWC – Three-Way Catalytic
CP – Canister Purge	HAC – High Alt. Compensator	VAV – Vac. Advance Valve
CP-SOL – Canister Purge Solenoid	ISS – Idle Stop Solenoid	VB – Vacuum Break
CPS – Canister Purge Solenoid	KS – Knock Sensor	VCK V – Vac. Check Valve
CPV – Canister Purge Valve	MAFS – Mass Airflow Sensor	VCS – Vac. Control Switch
CTS – Coolant Temp. Sensor	MAP – Manifold Absolute Pressure Sensor	VCV – Vac. Control Valve
CTVS – Choke Thermal Vac. Switch	NLV – Non-Linear Valve	VDV – Vac. Delay Valve
CV – Control Valve	O₂ – Oxygen Sensor	VIS – Vac. Input Switch
CVB – Choke Vac. Break	OC – Oxidation Catalytic	VL-DV – Vac. Delay Valve
CVB VDV – Choke Vac. Break/Vac. Delay Valve	ORC-OC – Oxidation Reduction Catalytic	VM-CV – Vac. Modulator Check Valve
DBC – Dual Bed Catalytic	PAS – Pulse Air Solenoid	VMV – Vac. Modulator Valve
DCLV – Deceleration Valve	PCV – Positive Crankcase Ventilation	VP – Vac. Pump
DFCV – Deceleration Fuel Cut-Off Valve	PEVR – Power Enrichment Vac. Regulator	VRS – Vac. Retard Switch
DLV – Delay Valve	PFI – Ported Fuel Injection	VRV – Vac. Relay/Regulator Valve
DP – Dash Pot	PR-CV – Pressure Control Valve	VS – Vac. Switch
D-PVS – Distributor Ported Vac. Switch	PSV – Pulse Air Shutoff Valve	VSENS – Vac. Sensor
DS – Distributor Spark	PV – Pulse Air Valve	VSS – Vac. Switching Solenoid
DS-TVS – Distributor Spark Thermal Vac. Switch	PVA – Ported Vac. Advance	VSV – Vac. Switching Valve
DS-VDV – Distributor Spark Vac. Delay Valve	PVS – Ported Vac. Switch	VSV – Idle-Up Solenoid Valve
DS-VRV – Distributor Spark Vac. Reducer Valve	R-DLV – Retard Delay Valve	WSTGT – Wastegate Actuator
DTVS – Distributor Thermal Vac. Switch	RLY – Relay	
DV – Diverter Valve	SAVM – Spark Advance Vac. Modulator	

3-32 1975-79 EMISSION CONTROL APPLICATIONS Domestic Cars – General Motors (Oldsmobile)

1975-77 OLDSMOBILE

Year, Engine & Fuel System	Emission Control Systems & Devices	Remarks
1975 3.8L (231") V6 2-Bbl. ^{5 7} 3.8L (231") V6 2-Bbl. ⁶ 4.2L (250") 6-Cyl. 1-Bbl. ^{5 7} 4.2L (250") 6-Cyl. 1-Bbl. ⁶ 4.3L (260") V8 2-Bbl. ^{5 7} 4.3L (260") V8 2-Bbl. ⁶ 5.7L (350") V8 2-Bbl. ^{5 6} 5.7L (350") V8 4-Bbl. Omega ⁶ Cutlass & 88 ^{5 6} Cutlass & 88 ^{3 6} 6.5L (400") V8 2-Bbl. ^{5 6} 6.5L (400") V8 4-Bbl. ^{5 6} 7.5L (455") V8 4-Bbl. ^{5 6} 7.5L (455") V8 4-Bbl. ^{3 6}	PCV ¹ , TAC, EVAP, OC, EGR, SPK, DTVS ² , EFE PCV ¹ , TAC, EVAP, OC, EGR, SPK, DTVS ² , EFE, VDV ³ PCV ¹ , TAC, EVAP, OC, EGR, SPK, CTVS, EFE PCV ¹ , TAC, AIS ³ , EVAP, OC, EGR, CTVS, EFE PCV ¹ , TAC, EVAP, OC, BP/EGR, SPK, BPV, EFE, VDV PCV ¹ , TAC, EVAP, OC, BP/EGR, SPK, BPV, EFE PCV ¹ , TAC, EVAP, OC, EGR, SPK, DTVS PCV ¹ , TAC, EVAP, OC, EGR, SPK, DTVS, EFE ⁵ PCV ¹ , TAC, EVAP, OC, BP/EGR, SPK, CTVS, DTVS ² PCV ¹ , TAC, EVAP, OC, BP/EGR, SPK, BPV, CTVS, VDV PCV ¹ , TAC, EVAP, OC, EGR, SPK, CTVS, EFE, SDV PCV ¹ , TAC, EVAP, OC, EGR, SPK, CTVS, EFE, SDV PCV ¹ , TAC, EVAP, OC, EGR, SPK, CTVS, DTVS ⁴ PCV ¹ , TAC, EVAP, OC, BP/EGR, SPK, BPV, CTVS, DTVS, EFE, VDV	1 – Type 4 closed. 2 – Early production only. 3 – Calif. only. 4 – All exc. late production Toronado. 5 – Federal only. 6 – A/T only. 7 – M/T only.
1976 2.3L (140") 4-Cyl. 2-Bbl. ¹⁰ 2.3L (140") 4-Cyl. 2-Bbl. ⁹ 3.8L (231") V6 2-Bbl. 4.2L (250") 6-Cyl. 1-Bbl. ¹⁰ 4.2L (250") 6-Cyl. 1-Bbl. ^{9 11} 4.3L (260") V8 2-Bbl. ^{10 12} 4.3L (260") V8 2-Bbl. ^{10 11} 4.3L (260") V8 2-Bbl. ^{9 12} 4.3L (260") V8 2-Bbl. ^{2 9 11} 4.3L (260") V8 2-Bbl. ^{3 9 11} 5.7L (350") V8 2-Bbl. ^{10 11} 5.7L (350") V8 4-Bbl. ^{5 10 11} 5.7L (350") V8 4-Bbl. ^{6 10 11} 5.7L (350") V8 4-Bbl. ^{5 9 11} 5.7L (350") V8 4-Bbl. ^{6 9 11} 5.7L (350") V8 4-Bbl. ^{7 10 11} 7.5L (455") V8 4-Bbl. ^{10 11} 7.5L (455") V8 4-Bbl. ^{9 11} 7.5L (455") V8 4-Bbl. ^{8 10 11} 7.5L (455") V8 4-Bbl. ^{8 9 11}	PCV, TAC, EVAP, OC, EGR, SPK, C-PVS, D-PVS PCV, TAC, AIS, EVAP, OC, EGR, SPK, C-PVS, D-PVS PCV, TAC, EVAP, OC, EGR, SPK, EFE, EFE-PVS, EGR-PVS PCV, TAC, EVAP, OC, EGR, SPK, C-PVS, EFE, EGR-PVS, O-PVS PCV, TAC, AIS, EVAP, OC, EGR, SPK, C-PVS, EFE, EGR-PVS, O-PVS ¹ PCV, TAC, EVAP, OC, BP/EGR, SPK, BPS, EGR-TCV, TAC-TCV PCV, TAC, EVAP, OC, BP/EGR, SPK, BPS, EGR-TCV, SAVM, TAC-TCV PCV, TAC, EVAP, OC, BP/EGR, SPK, BPS, EGR-DV, EGR-TCV, TAC-TCV PCV, TAC, EVAP, OC, BP/EGR, SPK, BPS, EFE, EFE-PVS, EGR-PVS, EGR-TCV, TAC-TCV PCV, TAC, EVAP, OC, BP/EGR, SPK, BPS, EGR-TCV, TAC-TCV PCV, TAC, EVAP, OC, EGR, SPK, D-PVS ⁴ , EFE, EFE-PVS, EGR-PVS PCV, TAC, EVAP, OC, EGR, SPK, D-PVS ⁴ , EFE, EFE-PVS, EGR-PVS PCV, TAC, EVAP, OC, EGR, SPK, C-PVS, EGR-TCV PCV, TAC, EVAP, OC, EGR, SPK, D-PVS ⁴ , EFE, EFE-PVS, EGR-PVS PCV, TAC, EVAP, OC, BP/EGR, SPK, BPS, C-PVS, DDV, EGR-TCV PCV, TAC, EVAP, OC, EGR, SPK, C-PVS, D-PVS, EGR-TCV, VRV PCV, TAC, EVAP, OC, EGR, C-PVS, D-PVS, EGR-TCV, VRV PCV, TAC, EVAP, OC, BP/EGR, SPK, BPS, C-PVS, DDV, D-PVS, EFE, EFE-PVS, EGR-TCV PCV, TAC, EVAP, OC, EGR, SPK, C-PVS, EGR-TCV PCV, TAC, EVAP, OC, BP/EGR, SPK, BPS, C-PVS, D-PVS, EFE, EFE-PVS, EGR-PVS, EGR-TCV	1 – 250" 6-Cyl. engines only. 2 – First type. 3 – Second type. 4 – A/C only. 5 – Omega only. 6 – Cutlass & 88 only. 7 – Models with 2.41 axle. 8 – Toronado only. 9 – Calif. only. 10 – Federal only. 11 – A/T only. 12 – M/T only.
1977 2.3L (140") 4-Cyl. 2-Bbl. 3.8L (231") V6 2-Bbl. 4.3L (260") V8 2-Bbl. 5.0L (305") V8 2-Bbl. 5.7L (350") V8 4-Bbl. (VIN L) (VIN R) 6.6L (403") V8 4-Bbl.	PCV, TAC, AIS, EVAP, OC, EGR, SPK, EFE PCV, TAC, AIS ² , EVAP, OC, BP/EGR, DVDSV ⁵ , EFE, EFE-CV ³ , EFE-TVS, EGR-CV ³ , EGR-TVS, SAVM ⁵ , TCS ⁴ PCV, TAC, EVAP, OC, BP/EGR, SPK, EFE, EGR-TCV, EGR-VDV ¹ , SAVM ¹ PCV, TAC, AIS ³ , EVAP ¹ , OC ¹ , BP/EGR, SPK, EFE, EGR-TVS ¹ , SDV ² PCV, TAC ² , AIS ² , EVAP ¹ , OC ¹ , EGR, SPK, EFE, EFE-CV ¹ , EGR-TVS PCV, TAC, AIS ³ , EVAP, OC, BP/EGR, SPK, CTVS, DTVS ⁵ , DVDV ⁵ , EGR-DTVS ⁵ , EGR-TCV, VRV ¹ PCV, TAC, AIS ³ , EVAP, OC, EGR, SPK, CTVS, DTVS ² , DVDV, EGR-DTVS, EGR-TCV, EGR-TVS, EST-CTS, EST-TVS, SAVM ¹	1 – Federal only. 2 – Calif. & High Alt. 3 – Calif. & Federal. 4 – Calif. M/T only. 5 – Calif. only. 6 – High Alt. only.

1975-79 EMISSION CONTROL APPLICATIONS 3-33

Domestic Cars – General Motors (Oldsmobile)

1978-79 OLDSMOBILE

Year, Engine & Fuel System	Emission Control Systems & Devices	Remarks
1978 2.5L (151") 4-Cyl. 2-Bbl. 3.8L (231") V6 2-Bbl. (VIN A) 4.3L (260") V8 2-Bbl. 5.0L (305") V8 2-Bbl. 5.7L (350") V8 4-Bbl. (VIN L) ¹ (VIN X) (VIN R) 5.7L (350") V8 Diesel (VIN N) 6.6L (403") V8 4-Bbl.	<p>PCV, TAC, EVAP, OC/TWC¹, EGR, SPK, CVB-VDV, DTVS, EFC², EFE, EFE-TVS, EGR-TVS, SRDV</p> <p>PCV, TAC, AIS¹, EVAP, OC, BP/EGR, CP-TVS, EFE, EFE-CV, EFE-TVS, EGR-TVS</p> <p>PCV, TAC, AIS¹, EVAP, OC, BP/EGR, SPK, CTVS, DCV¹, DTCV¹, DTVS, EGR-DTVS¹, EGR-TCV, SAVM</p> <p>PCV, TAC, AIS¹, EVAP, OC, BP/EGR¹, SPK, CP-TVS¹, EFE, EFE-CV, EFE-TVS, EGR-TVS¹, SDV²</p> <p>PCV, TAC, AIS, EVAP, OC, EGR, SPK, EFE, EFE-CV, EFE-TVS, EGR-TVS</p> <p>PCV, TAC, AIS, EVAP, OC, EGR, SPK, CP-TVS, EFE, EFE-TVS, EGR-TVS</p> <p>PCV, TAC, AIS², EVAP, OC, BP/EGR, SPK, CTVS, DTVS¹, EGR-DTVS², EGR-TCV</p> <p style="text-align: center;">EGR</p> <p>PCV, TAC, AIS², EVAP, OC, BP/EGR, SPK, CTVS, DTVS^{1,2}, EGR-TCV, EGR-TVS, EST-CTS³, EST-TVS</p>	<p>¹ – Calif. & High Alt. ² – Calif. only. ³ – Toronado only. ⁴ – Reed valve system.</p>
1979 2.5L (151") 4-Cyl. 2-Bbl. (VIN V) (VIN 1) 3.8L (231") V6 2-Bbl. (VIN A & 2) 4.3L (260") V8 2-Bbl. (VIN F) 5.0L (301") V8 2-Bbl. (VIN Y) ³ 5.0L (305") V8 2-Bbl. (VIN G) 5.0L (305") V8 4-Bbl. (VIN H) 5.7L (350") V8 4-Bbl. (VIN L) ⁴ (VIN R) 6.6L (403") V8 4-Bbl. (VIN K)	<p>PCV, TAC, EVAP, OC, BP/EGR, SPK, DTVS, EGR-TVS, SRDV</p> <p>PCV, TAC, EVAP, OC, BP/EGR, SPK, CEC, CBV, CEAB-TVS, CESS, EFE, EFE-DTVS, O₂, VDV, VIS, VM, VM-CV</p> <p>PCV, TAC, AIS^{1,7}, EVAP, OC/TWC¹, BP/EGR, CEC¹, CP-TVS, DTVS⁷, DVDV^{1,7}, EFE, EFE-CV, EFE-TVS, EGR-TVS, SAVM^{2,7}</p> <p>PCV, TAC, EVAP, OC, BP/EGR, SPK, CTVS, DTVS, DVDV¹, EGR-TCV, SAVM²</p> <p>PCV, TAC, EVAP, OC, BP/EGR, SPK, CTVS, DTVS, DVRV, EFE, EFE-TVS, SRDV</p> <p>PCV, TAC, AIS¹, EVAP, OC, BP/EGR, SPK, CP-TVS, DTVS⁵, EFE, EFE-CV, EFE-DTVS¹, EFE-TVS, EGR-TVS, SDV⁵</p> <p>PCV, TAC, AIS⁴, EVAP, OC, BP/EGR, SPK, CP-TVS, DTVS³, EFE, EFE-CV, EFE-TVS, EGR-TVS, SDV³</p> <p>PCV, TAC, AIS, EVAP, OC, BP/EGR, SPK, CP-TVS, EFE, EFE-CV, EFE-TVS, EGR-TVS</p> <p>PCV, TAC, AIS⁴, EVAP, OC, BP/EGR, SPK, CTVS, DTVS⁴, DVDV⁶, EGR-DTVS¹, EGR-TCV</p> <p>PCV, TAC, EVAP, OC, BP/EGR, SPK, CTVS, DTVS⁴, DVDV⁶, EGR-DTVS⁴, EGR-TCV</p>	<p>¹ – Calif. only. ² – Federal & High Alt. only. ³ – Federal only. ⁴ – Calif. & High Alt. only. ⁵ – Omega only. ⁶ – High Alt. only. ⁷ – Exc. Vin 2.</p>
1979½ 2.5L (151") 4-Cyl. 2-Bbl. (VIN 5) 2.8L (173") V6 2-Bbl. (VIN 7) ³	<p>PCV, TAC, AIS², EVAP, OC, BP/EGR, SPK, DS-TVS, DS-VDV, DS-VRV¹, EGR-TVS</p> <p>PCV, TAC, AIS, EVAP, OC, BP/EGR, SPK, CP-TVS, DCLV, DS-TVS, EFE, EFE-CV, EFE-TVS, EGR-TVS, SVB-TVS</p>	<p>¹ – Not used in Calif. ² – Calif. only. ³ – Federal only.</p>

1975-79 EMISSION CONTROL APPLICATIONS

Domestic Cars – General Motors (Oldsmobile)

ACV – Air Control Valve	DVAS – Distributor Vac. Advance Solenoid	PSV – Pulse Air Shutoff Valve
AIS – Air Injection System	DVCS – Distributor Vac. Control Switch	PV – Pulse Air Valve
AIS-SOL – Air Injection System Solenoid	DVDSV – Differential Vac. Delay Separator Valve	R-DLV – Retard Delay Valve
AMgV – Air Management Valve	DVDV – Distributor Vac. Delay Valve	RLY – Relay
APCV – Air Pump Control Valve	DVRV – Distributor Vac. Regulating Valve	SAVM – Spark Advance Vac. Modulator
APDV – Air Pump Diverter Valve	DVV – Distributor Vac. Valve	SBC – Single Bed Catalytic
ASS – Air Switching Solenoid	EAC – Electric Air Control Valve	SDV – Spark Delay Valve
ASV – Air Switching Valve	EAS – Electric Air Switching Valve	SOL – Solenoid
ATS – Air Temp. Sensor	EFC – Electronic Fuel Control	SRDV – Spark Retard Delay Valve
BP/EGR – Backpressure EGR	EFE – Early Fuel Evaporative System	SVB – Secondary Vac. Break
BPT – Backpressure Transducer	EFE-PVS – EFE Ported Vac. Switch	SWV – Switching Valve
BPV – Backpressure Valve	EFE-TVS – EFE Thermal Vac. Switch	TAC – Thermostatic Air Cleaner
CANCV – Canister Control Valve	EGR – Exhaust Gas Recirculation	TAC-PVS – TAC Ported Vac. Switch
CCS – Controlled Combustion System	EGRCS – EGR Control Solenoid	TBI – Throttle Body Injection
CEAB – Cold Engine Air Bleed	EGR-DTVS – EGR Dist. Therm. Vac. Switch	TBVV – Thermal Bowl Vac. Valve
CEC – Computerized Engine Control	EGR-DV – EGR Delay Valve	TCS – Transmission Controlled Spark
CEC – Combined Emission Control Valve	EGR-PVS – EGR Ported Vac. Switch	TCV – Thermal Control Valve
CESS – Cold Engine Temp. Switch	EGR-TCV – EGR Temp. Control Valve	TK – Throttle Kicker
CKV – Check Valve	EPR – Exhaust Pressure Regulator	TP-CV – Tank Pressure Control Valve
CP – Canister Purge	ESC – Electronic Spark Control	TPS – Throttle Position Sensor
CP-SOL – Canister Purge Solenoid	ESS – Electronic Spark Selection	TRV – Transmission Vac. Valve
CPS – Canister Purge Solenoid	EST – Electronic Spark Timing	TVS – Thermal Vac. Switch
CPV – Canister Purge Valve	EST-CTS – EST Coolant Temp. Sensor	TVV – Thermal Vac. Valve
CPVS – Choke Ported Vac. Switch	ETS – Engine Temp. Sensor	TWC – Three-Way Catalytic
CTS – Coolant Temp. Switch	EVAP – Evaporative Emission Control	VB – Vacuum Break
CTVS – Choke Thermal Vac. Switch	FBVS – Fuel Bowl Vent Solenoid	VCK-V – Vac. Check Valve
CV – Control Valve	IAC – Idle Air Control	VCS – Vac. Control Switch
CVB-VDV – Choke Vac. Break Vac. Delay Valve	IAC-V – Idle Air Control Valve	VDV – Vac. Delay Valve
DBC – Dual Bed Catalytic	MAP – Manifold Absolute Pressure	VIS – Vac. Input Switch
DCV – Distributor Check Valve	MPFI – Multi-Port Fuel Injection	VM-CV – Vac. Modulator Check Valve
DCLV – Deceleration Check Valve	NLV – Non-Linear Valve	VMV – Vac. Modulator Valve
DDV – Distributor Delay Valve	O₂ – Oxygen Sensor	VRS – Vac. Retard Switch
DLV – Delay Valve	OPVS – Oil Temp. Ported Vac. Switch	VRV – Vac. Reducer/Regulator Valve
DPS – Differential Pressure Sensor	PAS – Pulse Air Solenoid	VS – Vacuum Switch
DPVS – Distributor Ported Vac. Switch	PCV – Positive Crankcase Ventilation	VSENS – Vacuum Sensor
DS – Distributor Spark	PEVR – Power Enrichment Vac. Regulator	VSV – Vac. Switching/Solenoid Valve
DTVS – Delay Thermal Vac. Switch	PR-CV – Pressure Control Valve	VP – Vacuum Pump

1975-79 EMISSION CONTROL APPLICATIONS 3-35

Domestic Cars – General Motors (Pontiac)

1975-77 PONTIAC

Year, Engine & Fuel System	Emission Control Systems & Devices	Remarks
1975 2.3L (140") 4-Cyl. 1-Bbl. ⁶ 2.3L (140") 4-Cyl. 2-Bbl. ⁶ 2.3L (140") 4-Cyl. 2-Bbl. ⁵ 4.2L (250") 6-Cyl. 1-Bbl. ⁶ 4.2L (250") 6-Cyl. 1-Bbl. ^{5,7} 4.3L (260") V8 2-Bbl. ⁶ 4.3L (260") V8 2-Bbl. ^{5,7} 5.7L (350") V8 2-Bbl. ^{6,7} 5.7L (350") V8 2-Bbl. ^{6,7} 6.5L (400") V8 2-Bbl. ^{6,7} 6.5L (400") V8 4-Bbl. ⁷ 7.5L (455") V8 4-Bbl. ⁷	PCV ¹ , TAC, EVAP, OC, EGR, SPK, CCS, EFE, TCS ² PCV ¹ , TAC, EVAP, OC, EGR, CCS, EFE PCV ¹ , TAC, AIS, EVAP, OC, EGR, EFE PCV ¹ , TAC, EVAP, OC, EGR, EFE PCV ¹ , TAC, AIS, EVAP, OC, EGR, EFE PCV ¹ , TAC, EVAP, OC, BP/EGR, BPS, EFE PCV ¹ , TAC, AIS, EVAP, OC, BP/EGR, BPS, EFE PCV ¹ , TAC, EVAP, BP/EGR ⁶ , BPS ⁴ , EFE ³ PCV ¹ , TAC, AIS ⁵ , EVAP, OC, BP/EGR ⁶ , BPS ⁴ , EFE ³ , PCV ¹ , TAC, EVAP, OC, BP/EGR, BPS, EFE PCV ¹ , TAC, AIS ⁵ , EVAP, OC, BP/EGR, BPS, EFE ⁶ PCV ¹ , TAC, EVAP, OC, BP/EGR, BPS, EFE	¹ – Type 4 closed. ² – M/T only. ³ – Firebird & Ventura only. ⁴ – Exc. Ventura. ⁵ – Calif. only. ⁶ – Federal only. ⁷ – A/T only. ⁸ – Conv. EGR on Ventura.
1976 2.3L (140") 4-Cyl. 1-Bbl. ⁸ 2.3L (140") 4-Cyl. 2-Bbl. ⁸ 2.3L (140") 4-Cyl. 2-Bbl. ⁷ 3.8L (231") V6 2-Bbl. ⁸ 3.8L (231") V6 2-Bbl. ⁷ 4.2L (250") 6-Cyl. 1-Bbl. ⁸ 4.2L (250") 6-Cyl. 1-Bbl. ^{6,7} 4.3L (260") V8 2-Bbl. ^{1,8} 4.3L (260") V8 2-Bbl. ^{6,8} 4.3L (260") V8 2-Bbl. ^{2,6,7} 4.3L (260") V8 2-Bbl. ^{3,6,7} 5.7L (350") V8 2-Bbl. ^{4,6} 5.7L (350") V8 2-Bbl. ^{5,6} 5.7L (350") V8 4-Bbl. ^{4,6} 5.7L (350") V8 4-Bbl. ^{5,6} 5.7L (350") V8 2-Bbl. ^{6,8} 5.7L (350") V8 4-Bbl. ^{6,7} 6.5L (400") V8 2-Bbl. ^{6,8} 6.5L (400") V8 4-Bbl. ^{6,7} 6.5L (400") V8 4-Bbl. ^{6,8} 6.5L (400") V8 4-Bbl. ^{1,8} 7.5L (455") V8 4-Bbl. ^{1,8} 7.5L (455") V8 4-Bbl. ^{6,8} 7.5L (455") V8 4-Bbl. ^{6,7}	PCV, TAC, AIS, EVAP, OC, EGR, SPK, CCS, EFE, TCS ² PCV, TAC, EVAP, OC, EGR, CCS, EFE PCV, TAC, AIS, EVAP, OC, EGR, SPK, EFE, TC-DV PCV, TAC, EVAP, OC, EGR, SPK, EFE, PVS, SDV PCV, TAC, EVAP, OC, EGR, EFE, PVS PCV, TAC, EVAP, OC, EGR, EFE PCV, TAC, AIS, EVAP, OC, EGR, EFE PCV, TAC, EVAP, OC, BP/EGR, SPK, BPS, EGR-CV PCV, TAC, EVAP, OC, BP/EGR, SPK, BPS, EGR-CV, SAVM PCV, TAC, EVAP, OC, BP/EGR, SPK, BPS, EFE, EFE-PVS, EGR-PVS, EGR-TCV PCV, TAC, EVAP, OC, BP/EGR, SPK, BPS, EGR-PVS, EGR-TCV PCV, TAC, EVAP, OC, EGR, SPK, EFE, EFE-PVS, EGR-PVS PCV, TAC, EVAP, OC, EGR, SPK, D-PVS, EFE, EGR-PVS PCV, TAC, EVAP, OC, BP/EGR, SPK, EFE, EFE-PVS, EGR-PVS PCV, TAC, EVAP, OC, BP/EGR, SPK, D-PVS, EFE, EFE-PVS, EGR-PVS PCV, TAC, AIS, EVAP, OC, BP/EGR, SPK, BPS, D-PVS, SDV PCV, TAC, EVAP, OC, EGR, SPK, DPVS, EFE, EFE-PVS, SDV PCV, TAC, AIS, EVAP, OC, BP/EGR, SPK, BPS, D-PVS, SDV PCV, TAC, EVAP, OC, EGR, SPK, D-PVS, EFE, EFE-PVS, SDV PCV, TAC, EVAP, OC, EGR, SPK, D-PVS, EFE, EFE-PVS, EGR-PVS PCV, TAC, EVAP, OC, EGR, SPK, D-PVS, EFE, EFE-PVS, EGR-PVS PCV, TAC, EVAP, OC, EGR, SPK, D-PVS, EFE, EFE-PVS, SAVM PCV, TAC, EVAP, OC, BP/EGR, SPK, BPS, D-PVS, EFE, EFE-PVS	¹ – M/T only. ² – Early production Calif. 260" V8 engine. ³ – Late production Calif. 260" V8 engine. ⁴ – Ventura w/o A/C. ⁵ – Ventura with A/C. ⁶ – A/T only. ⁷ – Calif. only. ⁸ – Federal only.
1977 2.3L (140") 4-Cyl. 1-Bbl. 2.5L (151") 4-Cyl. 2-Bbl. 3.8L (231") V6 2-Bbl. 5.0L (301") V8 2-Bbl. 5.0L (305") V8 2-Bbl. 5.7L (350") V8 4-Bbl. (VIN P) 5.7L (350") V8 4-Bbl. (VIN L) 5.7L (350") V8 4-Bbl. (VIN R) 6.5L (400") V8 4-Bbl. 6.5L (403") V8 4-Bbl.	PCV, TAC, AIS, EVAP, OC, EGR, SPK, DS-TVS ¹ , DS-VDV, EGR-TVS, SVB-TVS ¹ PCV, TAC, AIS ³ , EVAP, OC, EGR ² /BP/EGR ³ , SPK, CVB-VDV, DS-TVS, DS-VDV, EFE, EFE-TVS, EGR-TVS PCV, TAC, AIS ¹ , EVAP, OC, BP/EGR, EFE, EFE-CV, EFE-TVS, EGR-TVS, TCS ³ PCV, TAC, EVAP, OC, BP/EGR, SPK, DS-TVS ⁴ , DS-VDV ⁴ , DS-VMV ⁴ , EFE, EFE-CV, EFE-TVS, SVB-TVS, TAC-TCV ⁵ PCV, TAC, EVAP, OC, EGR, SPK, EFE, EFE-CV, EFE-TVS, EGR-TVS PCV, TAC, EVAP, OC, BP/EGR, SPK, DS-TVS, DS-VDV, EFE, EFE-CV, EGR-TVS, SVB-TVS PCV, TAC, AIS ¹ , EVAP, OC, BP/EGR, EFE, EFE-CV, EFE-TVS, EGR-TVS PCV, TAC, AIS ¹ , EVAP, OC, BP/EGR, SPK, DS-TVS ³ , DS-VRV ² , EGR-TVS ³ , SVB-TVS PCV, TAC, EVAP, OC, BP/EGR, SPK, DS-TVS, EFE ⁶ , EFE-CV, EFE-TVS, EGR-TVS, SVB-TVS PCV, TAC, AIS ³ , EVAP, OC, BP/EGR, SPK, DS-TVS ^{1,5} , DS-VRV ⁵ , EGR-TVS ¹ , SVB-TVS	¹ – Calif. & High Alt. ² – Federal & High Alt. ³ – Calif. only. ⁴ – With A/C. ⁵ – Federal only. ⁶ – Exc. Firebird. ⁷ – Federal & Calif.

1975-79 EMISSION CONTROL APPLICATIONS Domestic Cars – General Motors (Pontiac)

1978-79 PONTIAC

Year, Engine & Fuel System	Emission Control Systems & Devices	Remarks
1978		
2.5L (151") 4-Cyl. 2-Bbl.	PCV, TAC, AIS¹, EVAP, OC/TWC¹, EGR, SPK, CVB-VDV, DS-TVS, DS-VDV, EFE, EFE-TVS, EFC¹, EGR-TVS	¹ – Calif. only.
3.8L (231") V6 2-Bbl.	PCV, TAC, AIS², EVAP, OC/TWC¹, BP/EGR, CP-TVS, EFE, EFE-CV, EFE-TVS, EGR-TVS, VDV²	² – Calif. & High Alt. ³ – Federal only.
5.0L (301") V8 2-Bbl. ³	PCV, TAC, EVAP, OC, BP/EGR, SPK, DS-TVS, DS-VDV, DS-VRV, EFE, EFE-CV, EFE-TVS, EGR-TVS, SVB-TVS	⁴ – A/T only.
5.0L (301") V8 4-Bbl. ³	PCV, TAC, EVAP, OC, EGR, SPK, DS-TVS, DS-VDV, DS-VRV, EFE, EFE-CV, EFE-TVS, EGR-TVS, SVB-TVS	
5.0L (305") V8 2-Bbl.	PCV, TAC, AIS², EVAP, OC, EGR, SPK, DS-VDV¹, DV², EFE, EFE-CV³, EFE-TVS, PV	
5.7L (350") V8 4-Bbl. ³	PCV, TAC, EVAP, OC, EGR, SPK, EFE, EFE-CV, EFE-TVS, PV	
5.7L (350") V8 4-Bbl.	PCV, TAC³, AIS², EVAP, OC, EGR, DS-TVS, DV², EFE, EFE-CV, EFE-TVS, EGR-CV, EGR-TVS	
6.5L (400") V8 4-Bbl. ³	PCV, TAC, EVAP, OC, BP/EGR, SPK, DS-TVS, EFE, EFE-CV, EFE-TVS, EGR-TVS, RDO⁴, SVB-TVS	
6.5L (403") V8 4-Bbl. ^{2 4}	PCV, TAC, AIS, EVAP, OC, EGR, SPK, DS-TVS, DV, EGR-CV, EGR-TVS	
1979		
2.5L (151") 4-Cyl. 2-Bbl. (VIN V ¹)	PCV, TAC, EVAP, OC, EGR, SPK, DS-CP-TVS, DS-CP-VDV, EGR-TVS	¹ – Federal only.
2.5L (151") 4-Cyl. 2-Bbl. (VIN 1 ²)	PCV, TAC, EVAP, TWC, EGR, SPK, CEC, CEAB-TVS, CESS, EFE, EFE-EGR-TVS, VIS, VM-CV	² – Calif. only.
3.8L (231") V6 2-Bbl.	PCV, TAC, AIS³, EVAP, OC/TWC², BP/EGR, CP-TVS³, DS-TVS, DS-VMV, EFE, EFE-CV, EFE-TVS, EGR-TVS, VDV²	³ – Calif. & High Alt only.
4.9L (301") V8 2-Bbl. ¹	PCV, TAC, EVAP, OC, BP/EGR, SPK, DS-TVS, DS-VDV, DS-VMV, DS-VRV, EFE, EFE-CV, EFE-TVS, EGR-TVS, SVB-TVS	⁴ – Auto. Trans. only.
4.9L (301") V8 4-Bbl. ¹	PCV, TAC, EVAP, OC, EGR, SPK, DS-TVS, DS-VDV⁴, DS-VMV⁴, EFE, EFE-CV, EFE-TVS, EGR-TVS, SVB-TVS	
5.0L (305") V8 2-Bbl. ²	PCV, TAC, AIS, EVAP, OC, EGR, SPK, APDV, DS-EFE-TVS, EFE, EFE-CV, EFE-TVS	
5.0L (305") V8 4-Bbl. ³	PCV, TAC, AIS, EVAP, OC, EGR, SPK, APDV, EGR-CP-TVS, EFE, EFE-CV	
5.7L (350") V8 4-Bbl. (VIN L ³)	PCV, TAC, AIS, EVAP, OC, EGR, SPK, EFE, APDV, EGR-CPS-TVS, EFE-CV	
5.7L (350") V8 4-Bbl. (VIN X ³)	PCV, TAC, EVAP, OC, EGR, SPK, EFE, CP-TVS, EFE-EGR-TVS	
5.7L (350") V8 4-Bbl. (VIN R)	PCV, TAC, AIS, EVAP, OC, EGR, APDV, DS-EGR-TVS, EFE, EGR-TVV, SVB-TVS	
6.5L (400") V8 4-Bbl. (VIN Z)	PCV, TAC, EVAP, OC, BP/EGR, SPK, DS-TVS, DS-VMV, EFE, EFE-CV, EFE-TVS, EGR-TVS, SVB-TVS	
6.5L (403") V8 4-Bbl. (VIN K)	PCV, TAC, AIS², EVAP, OC, EGR, SPK, APDV², EGR-TVV, EGR-TVS², SVB-TVS	

1975-79 EMISSION CONTROL APPLICATIONS 3-37

Domestic Cars – General Motors (Pontiac)

ACV – Air Control Valve	DVDV – Distributor Vac. Delay Valve	SEC-ACT – Secondary Actuator
AIS – Air Injection System	DVRV – Distributor Vac. Regulating Valve	SOL – Solenoid
AIS-SOL – AIS Solenoid	ECU – Electronic Control Unit	SPK – Spark Control
AMgV – Air Management Valve	EFC – Electronic Fuel Injection	SRDV – Spark Retard Delay Valve
APCV – Air Pump Control Valve	EFE – Early Fuel Evaporation	SSC-ACT – Stepped Speed Control Actuator
APDV – Air Pump Diverter Valve	EFE-PVS – EFE Ported Vac. Switch	SSC-SOL – Stepped Speed Control Solenoid
ASS – Air Switching Solenoid	EFE-TVS – EFE Thermal Vac. Switch	SVB – Secondary Vac. Break
ASV – Air Switching Valve	EGR – Exhaust Gas Recirculation	SWV – Switching Valve
ATS – Air Temp. Switch	EGR/BPS – EGR Backpressure Sensor	TAC – Thermostatic Air Cleaner
BP/EGR – Backpressure EGR	EGRCS – EGR Control Solenoid	TBI – Throttle Body Injection
BPS – Backpressure Sensor	EGR-CV – EGR Control Valve	TBVV – Thermal Bowl Vac. Valve
BPT – Backpressure Transducer	EGR-TCV – EGR Thermal Control Valve	TCS – Transmission Controlled Spark
BPV – Backpressure Valve	EGR-PVS – EGR Ported Vac. Switch	TCV – Thermal Check/Control Valve
BPV – By-Pass Valve	EPR – Exhaust Pressure Regulator	TK – Throttle Kicker
C^oI – Computer Controlled Coil Ignition	ESC – Electronic Spark Control	TP-CV – Tank Pressure Control Valve
CANCV – Canister Control Valve	ESS – Engine Speed Sensor	TPI – Tuned Port Injection
CCS – Controlled Combustion System	ESS – Electronic Spark Selection	TRV – Transmission Vac. Valve
CCV – Canister Control Valve	ESSM – Engine Speed Switch Module	TVS – Thermal Vac. Switch
CDR – Crankcase Depression Relief	ETS – Engine Temp. Switch	TVV – Thermal Vac. Valve
CEAB – Cold Engine Air Bleed	EVAP – Evaporative Emission Control	TWC – Three-Way Catalytic
CEC – Computerized Engine Control	FISR – Fast Idle Solenoid Relay	VAV – Vac. Advance Valve
CEC – Combined Emission Control Valve	KS – Knock Sensor	VB – Vacuum Break
CESS – Cold Engine Sensor Switch	MAFS – Mass Airflow Sensor	VBV – Vac. Bias Valve
CFI – Cross Fire Injection	MAP – Manifold Absolute Pressure Sensor	VCK V – Vac. Check Valve
CKV – Check Valve	NLV – Non-Linear Valve	VCS – Vac. Control Switch
CP – Canister Purge	O₂ – Oxygen Sensor	VCV – Vac. Control Valve
CP-SOL – Canister Purge Solenoid	OC – Oxidation Catalytic	VDV – Vac. Delay Valve
CPS – Canister Purge Solenoid	ORC – Oxidation Reduction Catalytic	VIS – Vac. Input Switch
CPV – Canister Purge Valve	PAS – Pulse Air Solenoid	VL-DV – Vac. Delay Valve
CTS – Coolant Temp. Sensor	PCV – Positive Crankcase Ventilation	VM-CV – Vac. Modulator Check Valve
CTVS – Choke Thermal Vac. Switch	PEVR – Power Enrichment Vac. Regulator	VMV – Vac. Modulator Valve
CV – Control Valve	PFI – Ported Fuel Injection	VP – Vac. Pump
CVB – Choke Vac. Break	PR-CV – Pressure Control Valve	VRS – Vac. Retard Switch
DBC – Dual Bed Catalytic	PSV – Pulse Air Shutoff Valve	VRV – Vac. Relay/Regulator Valve
DCLV – Deceleration Valve	PURGE-CV – Purge Control Valve	VS – Vac. Switch
DLV – Delay Valve	PV – Pulse Air Valve	VSENS – Vac. Sensor
D-PVS – Distributor Ported Vac. Switch	PVA – Ported Vac. Advance	VSS – Vac. Switching Solenoid
DS – Distributor Spark	PVS – Ported Vac. Switch	VSV – Vac. Switching Valve
DS-TVS – Distributor Spark Thermal Vac. Switch	R-DLV – Retard Delay Valve	WSTGT – Wastegate Actuator
DS-VDV – Distributor Spark Vac. Delay Valve	RDO – Retard Delay Orifice	
DS-VRV – Distributor Spark Vac. Reducer Valve	RLY – Relay	
DTVS – Distributor Thermal Vac. Switch	SAVM – Spark Advance Vac. Modulator	
DV – Diverter Valve	SBC – Single Bed Catalytic	
DVAS – Distributor Vac. Advance Solenoid	SCS – Speed Controlled Spark	
	SDV – Spark Delay Valve	