

EMISSION CONTROL APPLICATIONS

Emission Applications - General Motors - Domestic Cars - Chevrolet Corvette (1966-03)

EMISSION APPLICATIONS

1966-79 GENERAL MOTORS - DOMESTIC CARS - CHEVROLET CORVETTE

Year, Engine & Fuel System	Emission Control Systems & Devices
1966	
5.4L (327") V8 4-Bbl.	PCV, ⁽¹⁾ AIS
7.0L (427") V8 4-Bbl.	PCV
1967	
5.4L (327") V8 4-Bbl.	PCV, ⁽¹⁾ AIS
7.0L (427") V8 3x2-Bbl.	PCV, ⁽²⁾ SPK, ⁽¹⁾ AIS
7.0L (427") V8 4-Bbl.	PCV, ⁽¹⁾ AIS
1968	
5.4L (327") V8 4-Bbl.	PCV, ⁽³⁾ AIS
7.0L (427") V8 3x2Bbl.	PCV, ⁽²⁾ SPK, ⁽³⁾ AIS
7.0L (427") V8 4-Bbl.	PCV, ⁽³⁾ AIS
1969	
5.7L (350") V8 4-Bbl.	PCV, ⁽³⁾ AIS
7.0L (427") V8 3x2-Bbl.	PCV, ⁽²⁾ SPK, AIS, ⁽⁴⁾ CCS
7.0L (427") V8 4-Bbl.	PCV, ⁽³⁾ AIS
1970	
5.7L (350") V8 4-Bbl. California	PCV, EVAP, ⁽⁵⁾ SPK, EVAP-VC, CCS
5.7L (350") V8 4-Bbl. Federal	PCV, ⁽⁵⁾ SPK, ⁽⁶⁾ AIS
7.5L (454") V8 4-Bbl.	PCV, ⁽¹⁾ EVAP, SPK, ⁽⁷⁾ AIS, EVAP-VC
1971	
5.7L (350") V8 4-Bbl.	PCV, EVAP, SPK, ⁽⁸⁾ AIS, EVAP-VC
7.5L (454") V8 4-Bbl.	PCV, EVAP-, SPK, ⁽⁹⁾ AIS, EVAP-VC
1972	
5.7L (350") V8 4-Bbl.	PCV, EVAP, SPK, ⁽¹⁰⁾ AIS, EVAP-CS, ⁽¹¹⁾ CCS
7.5L (454") V8 4-Bbl.	PCV, EVAP, SPK, AIS,

	EVAP-VC
1973	
5.7L (350") V8 4-Bbl.	PCV, EVAP, EGR, SPK, AIS, EVAP-VC
7.5L (454") V8 4-Bbl.	PCV, EVAP, EGR, SPK, AIS, EVAP-VC
1974	
5.7L (350") V8 4-Bbl. California	PCV, EVAP, EGR, ⁽³⁾ SPK, AIS, EVAP-VC
5.7L (350") V8 4-Bbl. Federal	PCV, EVAP, EGR, ⁽³⁾ SPK, ⁽¹²⁾ AIS, EVAP-VC, ⁽¹³⁾ CCS
7.5L (454") V8 4-Bbl.	PCV, EVAP, EGR, ⁽³⁾ SPK, AIS, EVAP-VC
1975	
5.7L (350") V8 4-Bbl.	PCV, EVAP, OC, FR, EGR, AIS, EFE, EVAP-VC
1976-79	
5.7L (350") V8 4-Bbl. California	PCV, ACL, EVAP, OC, FR, EGR, AIS, EFE, EVAP-VC
5.7L (350") V8 4-Bbl. Federal	PCV, ACL, EVAP, OC, FR, EGR, ⁽¹⁴⁾ AIS, EFE, EVAP-VC, ⁽¹⁵⁾ CCS

(1) California only.

(2) If equipped with factory multiple carburetors.

(3) M/T only.

(4) A/T only.

(5) Some models.

(6) On 370 HO (LT-1) engine only.

(7) On 460 HP engine only.

(8) On 330 HP engine only.

(9) On 425 engine only.

(10) Required on high performance Fed. 225 HP (LT-1) engine & Calif. engines.

(11) Required on Federal base engine only.

(12) M/T models & optional L-82 engine with A/T.

(13) On base L-48 engine with A/T.

(14) On L-82 & high altitude engines only.

(15) On L-48 engine only.

1980-2003 GENERAL MOTORS - DOMESTIC CARS - CHEVROLET CORVETTE

Year, Engine & Fuel System	Emission Control Systems & Devices
1980	
5.0L (305") V8 4-Bbl. California	PCV, ACL, EVAP, TWC, FR, EGR, SPK, AP, O2S, CEC, MIL, EFE, EVAP-VC, SPK-EST, EFE-TVS
5.0L (305") V8 4-Bbl. Federal	PCV, ACL, EVAP, OC, FR, EGR, SPK, AP, EFE, EVAP-VC, SPK-TVS, EFE-TVS
5.7L (350") V8 4-Bbl.	PCV, ACL, EVAP, OC, FR, EGR, SPK, AP, EFE, EVAP-VC, EGR-TVS, SPK-DTVS, AP-DV, EFE-TVS
1981	
5.7L (350") V8 4-Bbl.	PCV, ACL, EVAP, TWC, FR, EGR, SPK, AP, O2S, CEC, EVAP-VC, EVAP-TVS, EGR-SOL, SPK-EST, AP-ACV, EFE-TVS
1982	
5.7L (350") V8 EFI	PCV, ACL, EVAP, TWC, FR, BP/EGR, SPK, AP, O2S, CEC, EFE, EVAP-VC, EVAP-CPCS, BP/EGR-BPV, BP/EGR-SOL, SPK-EST, AP-ACV
1983-84	
5.7L (350") V8 MFI	PCV, ACL, EVAP, TWC, FR, BP/EGR, SPK, AIS, O2S, CEC, EVAP-VC, EVAP-CPCV, BP/EGR-CS, SPK-EST, AIS-AMV
1985	
5.7L (350") V8 MFI	PCV, EVAP, TWC, FR, BP/EGR, SPK, AIS, O2S, CEC, EVAP-VC, EVAP-CPCV, BP/EGR-CS, SPK-EST, SPK-ESC, AIS-AMV
1986	
5.7L (350") V8 MFI	PCV, EVAP, TWC, FR, BP/EGR, SPK, AIS, O2S, CEC, EVAP-VC, EVAP-CPCS, EVAP-CPCV, BP/EGR-CS, SPK-EST, SPK-ESC, AIS-AMV
1987-88	
5.7L (350") V8 MFI	PCV, EVAP, TWC, FR, BP/EGR, SPK, AIS, O2S, CEC, EVAP-VC, EVAP-CPCS, EVAP-CPCV, BP/EGR-CS, SPK-EST, AIS-AMV
1989-90	
5.7L (350") V8 MFI	PCV, ⁽¹⁾ EVAP, ⁽²⁾ TWC+OC, FR, BP/EGR, SPK, AIS, O2S, CEC, EVAP-VC, EVAP-CPCS, EVAP-CPCV, BP/EGR-CS, SPK-EST, AIS-AMV
1991	
5.7L (350") V8 MFI	PCV, EVAP, TWC+OC, FR, BP/EGR, ⁽³⁾ SPK, AP, O2S, CEC, EVAP-VC, ⁽³⁾ EVAP-CPCS, EVAP-TPCV, ⁽³⁾ BP/EGR-CS, ⁽³⁾ SPK-ESC, ⁽³⁾ SPK-EST, ⁽³⁾ AP-AMV, AP-ACV
1992	
5.7L (350") V8 MFI	PCV, EVAP, TWC+OC, FR, ⁽³⁾ BP/EGR, SPK, AP, O2S, CEC, MIL, EVAP-VC, ⁽³⁾ EVAP-CPCS, EVAP-TPCV, ⁽³⁾ BP/EGR-CS, ⁽³⁾ SPK-ESC, ⁽³⁾ SPK-EST, ⁽³⁾ AP-EADV, ⁽³⁾ AP-AMV, AP-CKV, ⁽³⁾ AP-EAP, ⁽³⁾ AP-ERLY
1993-97	

5.7L (350") V8 SFI	PCV, EVAP, TWC, FR, ⁽³⁾ BP/EGR, ⁽³⁾ SPK, AP, ⁽⁴⁾ HO2S, CEC, MIL, EVAP-VC, ⁽³⁾ EVAP-CPCS, EVAP-TPCV, ⁽³⁾ BP/EGR-CS, ⁽³⁾ SPK-ESC, ⁽³⁾ SPK-EST, ⁽³⁾ AP-EAP, AP-CKV, ⁽³⁾ AP-ERLY
1998-99	
5.7L (350") V8 SFI	PCV, EVAP, TWC, FR, ⁽³⁾⁽⁵⁾ EGR, ⁽³⁾ SPK, AP, ⁽⁴⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-CPCS, EVAP-CVCS, EVAP-VC, ⁽³⁾ SPK-ESC, ⁽³⁾ SPK-EST, AP-CKV, ⁽³⁾ AP-EAP, ⁽³⁾ AP-ERLY
2000	
5.7L (350") V8 SFI	PCV, EVAP, TWC, FR, ⁽³⁾⁽⁵⁾ EGR, ⁽³⁾ SPK, AP, ⁽⁶⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-CPCS, EVAP-CVCS, EVAP-VC, SPK-ESC, SPK-EST, AP-CKV, AP-EAP, AP-ERLY
2001-03	
5.7L (346") V8 SFI	PCV, ⁽³⁾ EVAP, ⁽⁴⁾ TWC, FR, ⁽³⁾ SPK, ⁽¹⁾⁽³⁾ AP, ⁽⁶⁾ HO2S, CEC, MIL, EVAP-CPCS, EVAP-CVCS, EVAP-ORVR, EVAP-RV/FTPS, EVAP-VC, FF-CKV, FT-FLVV, ⁽⁷⁾ AP-CKV, AP-EAP, AP-ERLY, AP-SOV, AP-VSV
<p>(1) California emissions only.</p> <p>(2) Federal emissions only.</p> <p>(3) ECM/PCM controlled.</p> <p>(4) Equipped with 2.</p> <p>(5) Linear EGR valve.</p> <p>(6) Equipped with 4.</p> <p>(7) Equipped with 2 check valves.</p>	

ABBREVIATIONS

ACL

Air Cleaner (Thermostatic Air Cleaner)

AIS

Air Injection System

AIS-AMV

AIS Air Management Valve

AIS-SV

AIS Solenoid Valve

AP

Air Pump Injection System

AP-ACV

AP Air Control Valve

AP-AMV

AP Air Management Valve

AP-CKV

AP Check Valve

AP-DV

AP Diverter Valve

AP-EADV

AP Electric Air Control Divert Valve

AP-EAP

AP Electric Air Pump

AP-ERLY

AP Electric Air Pump Relay

AP-SOV

AP Shutoff Valve

AP-VCSV

AP Vacuum Control Solenoid Valve

A/T

Automatic Transmission

BP/EGR

Backpressure EGR System

BP/EGR-BPV

BP/EGR Backpressure Valve

BP/EGR-CS

BP/EGR Control Solenoid

BP/EGR-SOL

BP/EGR Solenoid

CCS

Controlled Combustion System

CDRV

Crankcase Depression Relief Valve

CEC

Computerized Engine Control

ECM

Engine Control Module

EFE

Early Fuel Evaporation

EFE-TVS

EFE Thermal Vacuum Switch

EFI

Electronic Fuel Injection

EGR-SOL

EGR Solenoid

EVAP

Fuel Evaporative System

EVAP-CPCS

EVAP Canister Purge Control Solenoid

EVAP-CPCSV

EVAP Canister Purge Control Solenoid Valve

EVAP-CPCV

EVAP Canister Purge Control Valve

EVAP-CPTVS

EVAP Canister Purge Thermal Vacuum Switch

EVAP-CVCS

EVAP Canister Vent Control Solenoid

EVAP-CVCSV

EVAP Canister Vent Control Solenoid Valve

EVAP-FTPC

EVAP Fuel Tank Pressure Control Solenoid

EVAP-FTPS

EVAP Fuel Tank Pressure Sensor

EVAP-FVS

EVAP Vapor Separator

EVAP-PSSV

EVAP Pressure Switching Solenoid Valve

EVAP-RV/FTPS

EVAP Rollover Valve/fuel Tank Pressure Sensor

EVAP-TPCS

EVAP Tank Pressure Control Solenoid

EVAP-VC

EVAP Vapor Canister

EVAP-VCF

EVAP Vapor Canister Filter

EVAP-VSOL

EVAP Ventilation Solenoid

FR

Fill Pipe Restrictor

FT-FLVV

Fuel Tank Fill Limit Vent Valve

FT-GVV

Fuel Tank Grade Vent Valve

FT-OPRV

Fuel Tank Over Pressure Vent Valve

FTPS

Fuel Tank Pressure Sensor

HO2S

Heated Oxygen Sensor

HP

Horsepower

MFI

Multiport Fuel Injection

MIL

Malfunction Indicator Light

M/T

Manual Transmission

OC

Oxidation Catalytic Converter

O2S

Oxygen Sensor

PCV

Positive Crankcase Ventilation

SC

Supercharged

SFI

Sequential Multiport Fuel Injection

SPK

Spark Controls

SPK-DTVS

SPK Distributor Thermal Vacuum Switch

SPK-ESC

SPK Electronic Spark Control (Retard)

SPK-EST

SPK Electronic Spark Timing

SPK-TVS

SPK Thermal Vacuum Switch

SRI

Service Reminder Indicator

TWC

Three-Way Catalytic Converter

TWC+OC

Three-Way + Oxidation Catalytic Converter