

# 1980 Emission Control Application 3-3

## 1980 FORD MOTOR CO. (Cont.)

Engines	Emission Control Systems & Devices	Remarks
<b>1980 Ford Motor Co. (Cont.)</b> Heavy Duty Emissions 300" 6-Cyl.ⓐ	AIR, AIR-BPV, A/CL-BM, A/CL-DV, PCV, SA-FV, Sol-V, TAC, VCV, VOTM, V-RSR, VVA	① - California models only. ② - Federal models only. ③ - Manual transmission only. ④ - Automatic transmission only. ⑤ - Some models only. ⑥ - A/C models only.
351" M V8	AIR, AIR-BPV, A/CL-BM, A/CL-DV, EGR, FVECO, LCV, PCV, SA-FV, Sol-V, TAC, TK, VCV, VDV, VRDV, V-RSR, VVA	
351" W V8ⓐ	AIR, AIR-BPV, A/CL-BM, A/CL-CWM, A/CL-DV, EGR, LCV, PCV, SA-FV, Sol-V, TAC, VCV, VDV, VOTM, VRDV, V-RSR, VVA	
400" V8ⓐ	AIR, AIR-BPV, A/CL-BM, A/CL-DV, EGR, LCV, PCV, SA-FV, Sol-V, TAC, TK, VCV, VDV, VRDV, V-RSR, VVA	
460" V8ⓐ	AIR, AIR-BPV, A/CL-BM, A/CL-DV, EGR, PCV, Sol-V, TAC, TK, VCV, VDV, V-RSR, VVA	

**Light Duty Emissions:** Are vehicles up to 8500 GVW. **Heavy Duty Emissions:** Are vehicles over 8500 GVW.

**AIR** - Air Injection System  
**AIR-BPV** - AIR-Bypass Valve  
**A/CL-BM** - Air Cleaner Bi-Metal Sensor  
**A/CL-CWM** - Air Cleaner Cold Weather Modulator  
**A/CL-DV** - Air Cleaner Duct Valve Vacuum Motor  
**BV** - Bowl Vent Port  
**CAT** - Catalytic Converter  
**DV-TW** - Delay Valve-Two Way  
**EAC** - Electric Assist Choke  
**EGR** - Exhaust Gas Recirculation  
**FVEC** - Fuel Vapor Emission Control

**HIC** - Hot Idle Compensator  
**IVV** - Idle Vacuum Valve  
**LCV** - Load Control Valve  
**PCV** - Positive Crankcase Ventilation  
**PG-CV** - Purge Control Valve  
**SA-FV** - Separator Assembly - Fuel/Vacuum  
**Sol-V** - Solenoid Valve  
**SV-CBV** - Solenoid Valve - Carb. Bowl Vent  
**TAC** - Thermostatic Air Cleaner  
**TK** - Throttle Kicker  
**TV-RST** - Hose Tee Vacuum Restrictor

**TVS** - Thermal Vacuum Switch  
**TVV** - Thermal Vent Valve  
**V-CkV** - Vacuum Check Valve  
**VCV** - Vacuum Control Valve  
**VDV** - Vacuum Delay Valve  
**OTM** - Vacuum Operated Throttle Modulator  
**VRDV** - Vacuum Retard Delay Valve  
**V-RSR** - Vacuum Reservoir  
**V-RST** - Vacuum Restrictor  
**WOTC** - Wide Open Throttle Cutout

## 1980 GENERAL MOTORS

Engines	Emission Control Systems & Devices	Remarks
<b>1980 GM</b> Light Duty Emissions 250" 6-Cyl.	CAT, DCV①, DV-DLV, DV-TVS, EEC, EFE, EFE-TVS, EGR, EGR-TVS, PAIR, PCV, TAC, VB-TVS, VASC	① - Except Federal models with auto. trans. ② - Used on some models. ③ - Used with A.I.R. only. ④ - California models only.
305" V8	CAT, DV-DLV, EEC, EFE, EFE-TVS, EGR, EGR-TVS, PCV, TAC, VASC	
350" V8	A.I.R.ⓐ, APDV③, CAT, DV-DLV, EEC, EFE, EFE-TVS, EGR, EGR-TVS, PCV, TAC, VASC	
400" V8	A.I.R.ⓐ, APDV③, CAT, DV-DLV, EEC, EFE, EFE-TVS, EGR, EGR-TVS, PCV, TAC, VASC	

**Light Duty Emissions:** Are vehicles up to 8500 GVW. **Heavy Duty Emissions:** Are vehicles over 8500 GVW.

**A.I.R.** - Air Injection Reactor  
**APDV** - Air Pump Diverter Valve  
**CAT** - Catalytic Converter  
**DCV** - Deceleration Valve  
**DV** - Distributor Vacuum  
**DLV** - Delay Valve

**EEC** - Evaporative Emission Control  
**EFE** - Early Fuel Evaporation  
**EGR** - Exhaust Gas Recirculation  
**PAIR** - Pulse Air Injection Reactor  
**PCV** - Positive Crankcase Ventilation

**SP** - Spark  
**TAC** - Thermostatic Air Cleaner  
**TRC** - Throttle Return Control  
**VASC** - Vacuum Advance Spark Control  
**VB** - Vacuum Break

# 1980 Emission Control Application

## 1980 GENERAL MOTORS (Cont.)

Engines	Emission Control Systems & Devices	Remarks
<b>1980 GM (Cont.)</b> Heavy Duty Emissions 292" 6-Cyl.	A.I.R., APDV, DV-DLV, DV-TVS, EEC <sup>①</sup> , PCV, TAC, TRC, VASC	① - Except Federal models with auto. trans. ② - Used on some models. ③ - Used with A.I.R. only. ④ - California models only.
350" V8	A.I.R., APDV, DV-DLV, EEC <sup>②</sup> , EFE <sup>②</sup> , EFE-TVS <sup>②</sup> PCV, SP-TVS, TAC, TRC, VASC, VB-TVS	
400" V8	A.I.R., APDV, DV-DLV, EEC <sup>③</sup> , EFE <sup>③</sup> , EFE-TVS <sup>③</sup> PCV, SP-TVS, TAC, TRC, VASC, VB-TVS	
454" V8	A.I.R., APDV, EEC <sup>④</sup> , EFE, EFE-TVS, PCV SP-TVS, TAC, TRC, VASC, VB-TVS	

**Light Duty Emissions:** Are vehicles up to 8500 GVW. **Heavy Duty Emissions:** Are vehicles over 8500 GVW.

**A.I.R.** - Air Injection Reactor  
**APDV** - Air Pump Diverter Valve  
**CAT** - Catalytic Converter  
**DCV** - Deceleration Valve  
**DV** - Distributor Vacuum  
**DLV** - Delay Valve

**EEC** - Evaporative Emission Control  
**EFE** - Early Fuel Evaporation  
**EGR** - Exhaust Gas Recirculation  
**PAIR** - Pulse Air Injection Reactor  
**PCV** - Positive Crankcase Ventilation

**SP** - Spark  
**TAC** - Thermostatic Air Cleaner  
**TRC** - Throttle Return Control  
**VASC** - Vacuum Advance Spark Control  
**VB** - Vacuum Break

## 1980 IHC

Engines	Emission Control Systems & Devices	Remarks
<b>1980 IHC</b> 196" 4-Cyl.	A.I.R., ABV, ACTS, CAT, EAC, EEC, EGR, EGR-TVS, PCV, TAC	① - With A/C only.
198" 6-Cyl. Diesel	EGR, EGR-CTTS, EGR-PS, EGR-VSV	
304" V8	A.I.R., ACTS, APDV, CAT, EEC, EGR, EGR-TVS, HT-TVS, PCV, TAC	
345" V8	A.I.R., ACTS, APDV, CAT, EEC, EGR, EGR-TVS, HT-TVS <sup>①</sup> , PCV, TAC	

**A.I.R.** - Air Injection Reactor  
**ABV** - Air Bypass Valve  
**ACTS** - Air Cleaner Temperature Sensor  
**APDV** - Air Pump Diverter Valve  
**CAT** - Catalytic Converter

**CTTS** - Coolant Temperature Thermo-Switch  
**EAC** - Electric Assist Choke  
**EEC** - Evaporative Emission Control  
**EGR** - Exhaust Gas Recirculation  
**HT** - High Temperature

**PCV** - Positive Crankcase Ventilation  
**PS** - Push Switch  
**TAC** - Thermostatic Air Cleaner  
**TVS** - Thermo Vacuum Switch  
**VSV** - Vacuum Solenoid Valve

## 1980 JEEP

Engines	Emission Control Systems & Devices	Remarks
<b>1980 Jeep</b> 151" 4-Cyl.	AIR <sup>①</sup> , C-4 <sup>②</sup> , CAT, Decel-V <sup>③</sup> , EC, EEC EGR, EGR-CTO, PCV, SP-DV, SP-TV, TAC	① - Except Wagoneer, Cherokee & J-10 Truck with manual trans. ② - Wagoneer, Cherokee & J-10 Truck with manual trans. ③ - Automatic transmission only. ④ - Manual transmission only. ⑤ - California models only.
258" 6-Cyl.	A-G, CAT, EC, EEC, EGR, EGR-CTO, HDC-CTO <sup>④</sup> , NLRV <sup>⑤</sup> , PCV, RS-DV <sup>⑤</sup> , SP-CTO, TAC	
304" V8	A-G, CAT, EAC, EEC, EGR, EGR-CTO, FS-DV, HDC-CTO <sup>④</sup> , PCV, SP-CTO <sup>④</sup> , TAC	
360" V8	A-G, CAT, EAC, EEC, EGR, EGR-CTO, ER-FDV, HDC-CTO <sup>④</sup> , PCV, RS-DV, SP-CTO, SP-TVV, TAC	

**AIR** - Air Injection Reactor (Delco)  
**A-G** - Air Guard System  
(Air Injection - Jeep)  
**C-4** - Computer Controlled  
Catalytic Converter  
**CAT** - Catalytic Converter  
**CTO** - Coolant Temperature Override

**Decel-V** - Deceleration Valve  
**DV** - Delay Valve  
**EAC** - Electrically Assisted Choke  
**EC** - Electric Choke  
**EEC** - Evaporative Emission Control  
**FDV** - Forward Delay Valve  
**FS** - Forward Spark

**HDC** - Heavy Duty Cooling  
**NLRV** - Non-Linear Valve  
**PCV** - Positive Crankcase Ventilation  
**RS** - Reverse Spark  
**SP** - Spark  
**TAC** - Thermostatic Air Cleaner  
**TVV** - Thermal Vacuum Valve