

3-2 1980 Emission Control Application

1980 CHRYSLER CORP.

Engines	Emission Control Systems & Devices	Remarks
1980 Chrysler Corp. Light Duty Emissions 225" 6-Cyl.	AAS, AIR, APDV, ASV, CAT, CCV, CCEGR, EAC, ECS, EGR, HADV, OSAC, TAC	① - California models only. ② - Federal models only.
318" V8	AAS, AIR, APDV, CAT, CCV, CCEGR, EAC, ECS, EGR, HADV①, OSAC, PHDV①, PHV①, TAC, TIDC	
360" V8	AAS, AIR, APDV, CAT, CCV, CCEVS②, EAC, ECS, EGR, OSAC, TAC, TIDC	
Heavy Duty Emissions 318" V8	AAS, AIR, APDV, CAT, CCV, CCEGR, ECS, EGR, EGR-DV, OSAC, TAC, TIDC, TP	
360" V8	AAS, AIR, APDV, CAT, CCV, CCEGR, ECS, EGR, EGR-DV, OSAC, TAC, TIDC, TP	

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

AAS - Aspirator Air System
AIR - Air Injection Reactor
APDV - Air Pump Diverter Valve
ASV - Air Switching Valve
CAT - Catalytic Converter
CCV - Crankcase Control Valve
CCEGR - Coolant Controlled Exhaust Gas Recirculation

CCEVS - Coolant Controlled Engine Vacuum Switch
EAC - Electric Assist Choke
ECS - Evaporation Control System
EGR - Exhaust Gas Recirculation
EGR-DV - EGR Delay Valve
HADV - Heated Air Delay Valve

OSAC - Orifice Spark Advance Control
PHDV - Power Heat Delay Valve
TAC - Thermostatic Air Cleaner
TIDC - Thermostatic Ignition Distributor Control
TP - Throttle Positioner

1980 FORD MOTOR CO.

Engines	Emission Control Systems & Devices	Remarks
1980 Ford Motor Co. Light Duty Emissions 300" 6-Cyl.	AIR, AIR-BPV, A/CL-BM, A/CL-DV, BV, CAT, DV-TW, EAC, EGR, FVEC, PCV, PG-CV, TAC, TVS, TVV, VCV, VRDV, V-RSR③, V-RST①②	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.
302" V8	AIR, AIR-BPV, A/CL-BM, A/CL-DV, BV, CAT, DV-TW③, EAC, EGR, FVEC, IVV③, PCV, PG-CV, SV-CBV①, TAC, TVS, TVV②, VCV, VDV③, VRDV, V-RSR③, VRV④⑤	
351" M V8	AIR, AIR-BPV, A/CL-BM, A/CL-DV, BV, CAT, EAC, EGR, FVEC, IVV③, LCV③, PCV, PG-CV, SV-CBV①, TAC, TVS, TVV②④, V-CkV③, VCV, VRDV, V-RSR, V-RST③	
351" W V8	AIR, AIR-BPV, A/CL-CWM, A/CL-DV, BV, CAT, DV-TW③ EAC, EGR, FVEC, HIC③, PCV, PG-CV, SV-CBV①, TAC, TVS, T-V-RST①, TVV②, VCV, VRDV, V-RSR	
400" V8	AIR, AIR-BPV, A/CL-BM, A/CL-DV, BV, CAT, EAC, EGR, FVEC, PCV, PG-CV, SV-CBV①, TAC, TVS, VCV, V-RST	

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
SoI-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 Emission Control Application 3-3

1980 FORD MOTOR CO. (Cont.)

Engines	Emission Control Systems & Devices	Remarks
1980 Ford Motor Co. (Cont.) 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
1980 GM 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