

1981 Emission Control Application

1981 GENERAL MOTORS (Cont.)

Engines	Emission Control Systems & Devices	Remarks
1981 GM (Cont.) Light Duty Emissions (Cont.) 5.7L (350") V8	A/CL, A.I.R.Ⓢ, CAT, CkDL-VLV, CkVLV, DDL-VLV, DC-VLV, DVTR-VLVⓈ, EFE, EFE-TVS, EGR, EGR-TVS, PCV, SVBrk, SP-TVS, TLA, TrC-VS, TRC-VLV, TVS, VBrk	① - Except Federal models with auto. trans. ② - Used on some models. ③ - Used with A.I.R. only.
Heavy Duty Emissions 4.8L (292") 6-Cyl.	A/CL, A.I.R., APD-VLV, CAT, DL-VLV, PCV, TLA, TRC-VLV	
5.0L (305") V8	A/CL, A.I.R.Ⓢ, Ck-VLV, DDL-VLV, DLTR-VLV, DLCK-VLV, EFE, EFE-TVS, EGR, EGR-TVS, TrC-VS	
5.7L (350") V8	A/CL, A.I.R.Ⓢ, Ck-VLV, DVTR-VLV, EFE, EFE-TVS, PCV, SP-TVS, SVBrk, TLA, TRC-VLV, TRC-SOL-CVLV, TVS, VDL-VLV	
7.4L (454") V8	A/CL, A.I.R., Ck-VLV, DVTR-VLV, EFE, EFE-TVS, PCV, SVBrk, SP-TVS, TRC-SOL-CVLV, TRC-TLA, TVS	

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

A/CL - Air Cleaner
A.I.R. - Air Injection Reactor
APD-VLV - Air Pump Diverter Valve
CAT - Catalytic Converter
CkDL-VLV - Check Delay Valve
Ck-VLV - Check Valve
DCP-TVS - Distributor and Canister Purge Thermal Vacuum Switch
DC-VLV - Deceleration Valve
DDL-VLV - Distributor Delay Valve
DLCK-VLV - Delay Check Valve
DVTR-VLV - Diverter Valve
EFE - Early Fuel Evaporation

EFE-TVS - Early Fuel Evaporation Thermal Vacuum Switch
EGR - Exhaust Gas Recirculation
EGR-TVS - Exhaust Gas Recirculation Thermal Vacuum Switch
PCV - Positive Crankcase Ventilation
SVBrk - Secondary Vacuum Break Actuator
SRD-VLV - Spark Retard Delay Valve
SP-TVS - Spark Thermal Vacuum Switch
TLA - Throttle Lever Actuator
TrC-TVS - Transmission Lock-up Converter Thermal Vacuum Switch

TrC-VS - Transmission Lock-up Converter Vacuum Switch
TRC-SOL-CVLV - Throttle Return Control Solenoid - Control Valve
TRC-TLA - Throttle Return Control - Throttle Lever Actuator
TRC-VLV - Throttle Return Control - Valve
TVS - Thermal Vacuum Switch
VBrk - Vacuum Break Actuator
VR-VLV - Vacuum Regulator Valve

1981 JEEP

Engines	Emission Control Systems & Devices	Remarks
1981 Jeep 2.5L (151") 4-Cyl.	CAT, C-4Ⓢ, Decel-VⓈ, EGR, EGR-CTO, EGR-TVS, HDSP-CTOⓈ, MCUⓈ, PCV, RDV, SP-CTO, TSD, VSAⓈ	① - California only. ② - Federal only. ③ - Heavy Duty. ④ - Some Models. ⑤ - J-10 Manual transmission. ⑥ - Automatic transmission.
4.2L (258") 6-Cyl.	A.I.R., ASVⓈ, BPV, CAT, CECⓈ, CTO, Decel-V, DLVⓈ, DVTRV, EGR, EGR-CTO, EGR-TVS, FDV, HDC-CTOⓈ, MCUⓈ, NLRVⓈ, PCV, RDV, SL, SLV, SP-CTO, VR, VR-CkV, VSAⓈ	
5.0L (304") Fed. V8	A.I.R., CAT, CTO, DVTRV, EGR, EGR-CTO, EGR-TVS, EGR-FDLVⓈ, FDV, HDC-CTO, NLRV, RDV, TSD, PCV	
6.0L (360") Fed. V8	A.I.R., CAT, CTO, DVTRV, EGR, EGR-CTO, EGR-TVS, EGR-FDLV, HDSP-CTOⓈ, NLRV, RDV, TSD, PCV, VSD	

A.I.R. - Air Injection Reactor
ASV - Air Switch Valve
BPV - By-Pass Valve
CAT - Catalytic Converter
CEC - Computerized Emission Control
CTO - Coolant Temperature Override
C-4 - Computer Controlled Catalytic Converter
Decel-V - Deceleration Valve
DLV - Delay Valve
DVTRV - Diverter Valve
EGR - Exhaust Gas Recirculation

EGR-CTO - Exhaust Gas Recirculation Coolant Temperature Override
EGR-FDLV - Exhaust Gas Recirculation Forward Delay Valve
EGR-TVS - Exhaust Gas Recirculation Thermal Vacuum Switch
FDV - Forward Delay Valve
HDC-CTO - Heavy Duty Cooling Coolant Temperature Override
HDSP-CT - Heavy Duty Spark Coolant Temperature Override
MCU - Micro Computer Unit

NLRV - Non-Linear Valve
PCV - Positive Crankcase Ventilation
RDV - Reverse Delay Valve
SP-CTO - Spark Coolant Temperature Override
SLV - Solevac
SL - Solenoid
TSD - Throttle Solenoid
VR - Vacuum Reservoir
VR-CkV - Vacuum Reverse Check Valve
VSA - Vacuum Switch Assembly
VSD - Vacuum Switch Dump