

1981 Exhaust Emission Systems

AMERICAN MOTORS EMISSION CONTROL APPLICATION

EMISSION CONTROL SYSTEMS		
Engine & Calibration	Emission Control Systems & Devices	Remarks
2.5L (151") 4-Cyl. 2-Bbl. Spirit and Concord	AIS, CAT, DCLV, EGR, EGR-CTO, EGR-TVS, FDLV ^⓪ , FTVC, PCV, R-DLV, SPK-SOL ^⓪ , TAC, VS ^⓪	⓪ - Calif. Models. ⓫ - A/T with A/C. ⓬ - With A/C. ⓭ - A/T only.
2.5L (151") 4-Cyl. 2-Bbl. Eagle	AIS, AID ^⓪ , CAT, CEC ^⓪ , DCLV ^⓪ , EGR, EGR-CTO, EGR-TVS, FTVC, PCV, R-DLV, SPK-SOL ^⓪ , TAC, VS ^⓪	
4.2L (258") 6-Cyl. 2-Bbl. Spirit and Concord	AID, APDV, ASV, BPS, CAT, CEC, D-CTO, EGR, EGR-TVS, FTVC, ICVS, NLV ^⓪ , R-DLV, TAC, VCKV, VRES, VS, VSOL, 2-DLV	
4.2L (258") 6-Cyl. 2-Bbl. Eagle	AID, APDV, ASV, BPS, CAT, CEC, D-CTO, EGR, EGR-TVS, FTVC, ICVS, NLV ^⓪ , R-DLV, VCKV, VRES, VS ^⓪ , VSOL	

AIS - Air Injection (Single)
AID - Air Injection (Dual)
APDV - Air Pump Diverter Valve
ASV - Air Switch Valve
BPS - Back Pressure Sensor
CAT - Catalytic Converter
CEC - Computer Emission Control
CTO - Coolant Temperature Override
D-CTO - Dual Coolant Temperature Override

DCLV - Deceleration Valve
EGR - Exhaust Gas Recirculation
F-DLV - Forward Delay Valve
FTVC - Fuel Tank Vapor Control
ICVS - Idle Control Solenoid Vacuum Switch
NLV - Non-Linear Valve
PCV - Positive Crankcase Ventilation
R-DLV - Reverse Delay Valve
SOL - Solenoid

SPK - Spark
TAC - Thermostatic Air Cleaner
TVS - Thermal Vacuum Switch
VCKV - Vacuum Check Valve
VRES - Vacuum Reservoir
VSOL - Vacuum Solenoid
VS - Vacuum Switch
2-DLV - 2-Way Delay Valve