

1982 Exhaust Emission Systems

AMERICAN MOTORS EMISSION CONTROL APPLICATION

EMISSION CONTROL SYSTEMS		
Engine	Emission Control Systems & Devices	Remarks
2.5L (151") 4-Cyl. Concord & Spirit	AIS ^{①②} , APDV ^{①②} , APDV-TVS ^{①②} , CAT, CEC ^③ DCLV, EGR, EGR-CTO, EGR-FDLV ^④ , EGR-TVS, EGR-VSDV ^④ , ELE-DCTO ^⑦ , FTVC, OXS ^⑦ , PCV, SPK-CTO, SPK-RDLVD, SPK-SOL ^{①④} , TAC, TAC-CKV, TAC-RDLVS, TAC-TVS, TBVV, TES ^⑦ , VS ^⑦	① - M/T only ② - Fed. Models ③ - Some Models use C4 ④ - A/T only
2.5L (151") 4-Cyl. Eagle	CAT, CEC ^③ , DCLV ^④ , EGR, EGR-CTO, EGR- FDLV ^{④⑤} , EGR-TVS, EGR-VSDV ^{④⑤} , ELE-DCTO ^⑦ , FTVC, OXS ^⑦ , PCV, SPK-CTO, SPK-RDLVD, SPK-SOL ^{①④} , TAC, TAC-CKV, TAC-RDLVS, TAC-TVS, TBVV, TES ^⑦ , VS ^⑦	③ - Calif. Models ④ - With A/C ⑦ - Exc. Fed. M/T
4.2L (258") 6-Cyl. Concord & Spirit	AID, CAT, CEC, EGR, EGR-DCTO, EGR-TVS, ELE-DCTO, FTVC, OXS, PCV, SPK-DCTO, SPK-RDLVD, SPK-RDLVS ^④ , TAC, TAC-CKV, TAC-RDLVS, TBVV, TES, VS	
4.2L (258") 6-Cyl. Eagle	AID, CAT, CEC, EGR, EGR-DCTO, EGR-FDLV ^④ , EGR-TVS, ELE-DCTO, FTVC, OXS, PCV, SPK-DCTO, SPK-RDLVD, SPK-RDLVS ^④ , TAC, TAC-CKV, TAC-RDLVS, TAC-TVS ^④ , TES, VS	

AID - Air Injection (Dual)
AIS - Air Injection (Single)
APDV - Air Pump Diverter Valve
CAT - Catalytic Converter
CEC - Computer Emission Control
CKV - Check Valve
CTO - Coolant Temperature Override
C4 - Computer Control Catalytic Converter
DCLV - Deceleration Valve

DCTO - Dual Coolant Temperature Override
EGR - Exhaust Gas Recirculation
ELE - Electric
FDLV - Forward Delay Valve
FTVC - Fuel Tank Vapor Control
OXS - Oxygen Sensor
PCV - Positive Crankcase Ventilation
RDLVD - Reverse Delay Valve (Dual)
RDLVS - Reverse Delay Valve (Single)

SOL - Solenoid
SPK - Spark
TAC - Thermostatic Air Cleaner
TBVV - Thermal Bowl Vent Valve
TES - Thermal Electric Switch
TVS - Thermal Vacuum Switch
VS - Vacuum Switch
VSDV - Vacuum Signal Dump Valve