

1981 Exhaust Emission Systems

FORD MOTOR CO. EMISSION CONTROL APPLICATION

EMISSION CONTROL SYSTEMS		
Engine	Emission Control Systems & Devices	Remarks
1.6L (98") 4-Cyl. Man. Transaxle	AIR, CAT, EGR, FVEC, PCV, TAC, ACV, ANTI-BFV, ACKV, EGR-SOL ①②, EGR-VCV, AIR-VCV, DIST-VCV, VDV, Purge CV, TVS	① — With A/C ② — California
1.6L (98") 4-Cyl. Auto. Transaxle	AIR, CAT, EGR, FVEC, PCV, TAC, ACV, ACKV, AIR-VCV, EGR-SOL, EGR-VCV, VDV, DIST-VCS, VRes, Purge CV, SA-FV	
2.3L (140") 4-Cyl.	AIR, CAT, EGR, FVEC, PCV, TAC, OXS, EGR-SOL, ACKV, ACV, DIST-VCV, MCU, Purge CV, VOTM	
3.3L (200") 6-Cyl. Man. Trans.	AIR, CAT, EGR, FVEC, PCV, TAC, ACV, ACKV, DIST-VCV, EGR-VCV, Purge CV, VRes	
3.3L (200") 6-Cyl. Auto. Trans.	AIR, CAT, EGR, FVEC, PCV, TAC, ACV, ACKV, DIST-VCV, EGR-SOL ③, ACKV, DIST-VCV, Purge CV, SA-FV ④	③ — Exc. Calif. with C-4 transmission
4.2L (255") V8	AIR, CAT, EGR, FVEC, PCV, TAC, OXS, ACV, ACKV, EGR-SOL, VRes ⑤, VRest, MCU ⑥, DIST-VCV, EHC ⑦, ITVS ⑧, Purge CV ⑨, SA-FV ⑩	④ — Some applications ⑤ — Exc. Ford & Mercury ⑥ — Ford, Mercury & Calif. applications
5.0L (302") V8 Lincoln, Mark VI & - Calif. Ford & Merc.	AIR, CAT, EGR, FVEC, PCV, TAC, ACV, ACKV, ACT, EEC, EFI, EGR-SOL, MAP, OXS, VOTM, VRes	
5.0L (302") V8 Ford & Merc. (Exc. Calif)	AIR, CAT, EGR, FVEC, PCV, TAC, ACKV, DIST-VCV, EGR-SOL, MCU, OXS, VRes, VRest	
5.0L (302") V8 Thunderbird & Cougar (Exc. Calif.)	AIR, CAT, EGR, FVEC, PCV, TAC, ACKV, DIST-VCV, EGR-VCV, EHC, VRes	
5.0L (302") V8 Thunderbird & Cougar (Calif.)	AIR, CAT, EGR, FVEC, PCV, TAC, ACV, ACKV, DIST-VCV, EGR-SOL, MCU, OXS, VRes, VRest	
5.8L (351") V8 Calif.	AIR, CAT, EGR, FVEC, PCV, TAC, ACV, ACKV, EEC, EGR-SOL, MAP, OXS, VRes	
5.8L (351") V8 Exc. Calif.	AIR, CAT, EGR, FVEC, PCV, TAC, ACV, ACKV, DIST-VCV, EGR-SOL, MAP, MCU, OXS, VRes, VRest	

ACT — Air Charge Temperature
ACKV — Air Check Valve
ACV — Air Control Valve
ANTI-BFV — Anti Backfire Valve
CAT — Catalytic Converter
CPRV — Canister Purge Solenoid Valve
CV — Control Valve
DIST — Distributor
EEC — Electronic Engine Control
EFI — Electronic Fuel Injection

EGR — Exhaust Gas Recirculation Valve
FVEC — Fuel Vapor Emission Control
ITVS — Ignition Timing Vacuum Switch
MAP — Manifold Absolute Pressure Sensor
OXS — Exhaust Oxygen Sensor
Purge CV — Purge Control Valve
SA-FV — Separator Assembly - Fuel Vacuum
SOL — Solenoid
TVS — Thermal Vacuum Switch
TVV — Thermal Vent Valve

VCV — Vacuum Control Valve
VCKV — Vacuum Check Valve
VCS — Vacuum Controlled Switch
VDV — Vacuum Delay Valve
VOTM — Vacuum Operated Throttle Modulator
VRes — Vacuum Reservoir
VRest — Vacuum Restrictor
VRS — Vacuum Regulator/Solenoid
VRV — Vacuum Regulator Valve