

1982 Emission Control Application ³⁻³

1982 EMISSION CONTROL SYSTEMS & DEVICES (Cont.)

1982 FORD MOTOR CO.

Engine	Emission Control Systems & Devices	Remarks
Light Duty Emissions 4.9L 6-Cyl.	A/CL-BMS, A/CL-VCD, A/CL-VM, ACV ¹ , AIR, AIR-BPV, AIR-ChV, BPS ² , CAT, DMV ¹ , DVCV, EGR, EGR-BPTV, EGR-VCV, EGR-VSOL ¹ , FCS ¹ , FVEC, MCU ¹ , OS ¹ , PCV, TAC, V-RSR, V-RST ¹	¹ — Calif. only. ² — High alt. only. ³ — Man. trans. only. ⁴ — Some models.
3.8L V6	A/CL-BMS, A/CL-VCD, A/CL-VM, AIR, AIR-BPV, AIR-ChV, AIR-IVV, CAT, DRCV, EGR, EGR-BPTV, EGR-VCV, EGR-VSOL, FVEC, ITVS ³ , PCV, TAC, V-RSR	
4.2L V8	A/CL-BMS, A/CL-TSOV, A/CL-VCD, A/CL-VM, AIR, AIR-BPV, AIR-ChV, AIR-IVV, CAT, DRCV, EGR, EGR-BPTV, EGR-VCV, EVCR ⁴ , FVEC, PCV, TAC, V-RSR	
5.0L V8	A/CL-BMS, A/CL-TSOV ⁴ , A/CL-VCD, A/CL-VCV, A/CL-VM, ACV ¹ , AIR, AIR-BPV, AIR-ChV, AIR-IVV, BMAPS ⁴ , BPS ^{2,3} , CAT ⁴ , CTS ¹ , EEC ¹ , EGR, EGR-BPTV, EGR-CLR ¹ , EGR-EPV ¹ , EGR-VCV, EGR-VSOL ¹ , EVCR ⁴ , FCS ¹ , FVEC, PCV, TAC, OS ¹ , V-RSR, V-RST	
5.8L W V8	A/CL-BMS, A/CL-VCD, A/CL-VCV, A/CL-VM, ACV ⁴ , AIR, AIR-BPV, AIR-ChV, BMAPS ^{1,4} , CAT ⁴ , CTS ⁴ , DVCV, EEC ⁴ , EGR, EGR-BPTV, EGR-CLR ⁴ , EGR-EPV ⁴ , EGR-VCV, EGR-VSOL ⁴ , FCS ⁴ , FVEC, HIC, PCV, TAC, OS ⁴ , TP, V-RSR	
6.6L V8	A/CL-BMS, A/CL-VCV, A/CL-VM, AIR, AIR-BPV, DRCV, DVCV, EGR, EGR-RSR, EGR-VCV, EGR-VSOL, FVEC, HIC, PCV, TAC, TP	
Heavy Duty Emissions 4.9L 6-Cyl.	A/CL-BMS, A/CL-VCD ⁴ , A/CL-VM, AIR, AIR-BPV, DRCV, DVCV, EGR, EGR-RSR, EGR-VCV, EGR-VSOL, FVEC, PCV, TAC, TP, V-RST ⁴	
5.8L W V8	A/CL-BMS, A/CL-TSOV, A/CL-VM, AIR, AIR-BPV, DRCV, DVCV, EGR, EGR-RSR, EGR-VCV, EGR-VSOL, FVEC, PCV, TAC, TP, V-RST	
6.6L V8	A/CL-BMS, A/CL-VCV, A/CL-VM, AIR, AIR-BPV, DRCV, DVCV, EGR, EGR-RSR, EGR-VCV, EGR-VSOL, FVEC, HIC, PCV, TAC, TP	
7.5L V8	A/CL-BMS, A/CL-VM, AIR, AIR-BPV, DVCV, EGR, EGR-RSR, EGR-VCV, EGR-VSOL, FVEC, PCV, TAC, TP	

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

A/CL-BMS — Air Cleaner Bi-Metal Sensor
A/CL-TSOV — Air Cleaner Temperature Sensor Override Valve
A/CL-VCD — Air Cleaner Vacuum Control Delay
A/CL-VCV — Air Cleaner Vacuum Control Valve
A/CL-VM — Air Cleaner Vacuum Motor
ACV — Air Control Valve
AIR — Air Injection System
AIR-BPV — Air By-Pass Valve
AIR-ChV — Air Check Valve
AIR-IVV — Air Idle Vacuum Valve
BMAPS — Barometric/Manifold Absolute Pressure Sensor

BPS — Barometric Pressure Switch
CAT — Catalytic Converter
CTS — Coolant Temperature Sensor
DMV — Distributor Modulator Valve
DRCV — Distributor Retard Control Valve
DVCV — Distributor Vacuum Control Valve
EEC — Electronic Engine Control
EGR — Exhaust Gas Recirculation
EGR-BPTV — EGR Back Pressure Transducer Valve
EGR-CLR — EGR Cooler
EGR-EPV — EGR External Pressure Valve
EGR-RSR — EGR Reservoir

EGR-VCV — EGR Vacuum Control Valve
EGR-VSOL — EGR Vacuum Solenoid
EVCR — Emission Vacuum Control Regulator
FCS — Fuel Control System
FVEC — Fuel Vapor Emission Control
HIC — Hot Idle Compensator
ITVS — Ignition Timing Vacuum Switch
MCU — Micro Computer Unit
OS — Oxygen Sensor
PCV — Positive Crankcase Ventilation
TAC — Thermostatic Air Cleaner
TP — Throttle Positioner
V-RSR — Vacuum Reservoir
V-RST — Vacuum Restrictor