

1974 Emission Control Application 3-29

DOMESTIC CARS

EMISSION CONTROL SYSTEMS							
Mfg. & Engine	Man. Trans.	Auto. Trans.	Federal	Calif.	PCV	Emission Systems & Devices ①	Fuel Evap.
1974 AMC							
232" 6-Cyl. 1-Bbl.	x	x	x	x	②	TCS, CTO③, EGR③, A.I.R.④, TAC, BPS⑤	x
258" 6-Cyl. 1-Bbl.	x	x	x	x	x	TCS, CTO③, EGR③, A.I.R.④, TAC, BPS⑤	x
304" V8 2-Bbl.	x	---	x	x	x	TCS, CTO, EGR, A.I.R., TAC	x
304" V8 2-Bbl.	---	x	x	x	x	TCS, CTO, EGR, A.I.R., TAC, BPS⑤	x
360" V8 2-Bbl.	---	x	x	x	x	TCS, CTO, EGR, A.I.R., TAC, BPS⑤	x
360" V8 4-Bbl.	x	---	x	x	x	TCS, CTO, EGR, A.I.R., TAC, EAC	x
360" V8 4-Bbl.	---	x	x	x	x	TCS, CTO, EGR, A.I.R. TAC, EAC, BPS⑤	x
401" V8 4-Bbl.	x	x	x	x	x	CTO, EGR, A.I.R., TAC, EAC	x

- ① — TCS — Transmission Controlled Spark, CTO — Coolant Temperature Override, EGR — Exhaust Gas Recirculation, A.I.R. — Air Injection Reactor, TAC — Thermostatic Air Cleaner, EAC — Electric Assist Choke, BPS — Exhaust Back Pressure Sensor.
- ② — Type 4 closed crankcase.
- ③ — "10" series only.
- ④ — "10" series station wagons only.
- ⑤ — Calif. only.

EMISSION CONTROL SYSTEMS							
Mfg. & Engine	Man. Trans.	Auto. Trans.	Federal	Calif.	PCV	Emission Systems & Devices ①	Fuel Evap.
1974 Buick							
250" 6-Cyl. 1-Bbl.	x	---	x	x	x	EGR, A.I.R.	x
250" 6-Cyl. 1-Bbl.	---	x	x	---	x	CCS, TAC, EGR	x
250" 6-Cyl. 1-Bbl.	---	x	---	x	x	EGR, A.I.R.	x
350" V8 2-Bbl.	x	---	x	x	x	CCS, EGR③, TCS, TAC, A.I.R.	x
350" V8 2-Bbl.	---	x	x	x	x	CCS, EGR③, TAC, A.I.R.	x
350" V8 4-Bbl.	x	---	x	x	x	CCS, EGR③, TCS, TAC, A.I.R.	x
350" V8 4-Bbl.	---	x	x	x	x	CCS, EGR③, TAC, A.I.R.	x
455" V8 2-Bbl.	x	---	x	x	x	CCS, EGR, TCS, TAC, A.I.R.	x
455" V8 2-Bbl.	---	x	x	x	x	CCS, EGR, TAC, A.I.R.	x
455" V8 4-Bbl.	x	---	x	x	x	CCS, EGR, TCS, TAC, A.I.R.	x
455" V8 4-Bbl.	---	x	x	x	x	CCS, EGR, TCS④, TAC, A.I.R.	x

- ① — CCS — Controlled Combustion System, EGR — Exhaust Gas Recirculation, TCS — Transmission Controlled Spark, TAC — Thermostatic Air Cleaner, A.I.R. — Air Injection Reactor.
- ② — Type 4 closed crankcase.
- ③ — Dual diaphragm EGR valve on Calif. only.
- ④ — Stage 1 engines only.

EMISSION CONTROL SYSTEMS							
Mfg. & Engine	Man. Trans.	Auto. Trans.	Federal	Calif.	PCV	Emission Systems & Devices ①	Fuel Evap.
1974 Cadillac							
472" V8 4-Bbl.	---	x	x	x	x	A.I.R., TAC, EGR, TVS	x
500" V8 4-Bbl.	---	x	x	x	x	A.I.R., TAC, EGR, TVS	x

- ① — A.I.R. — Air Injection Reactor, TAC — Thermostatic Air Cleaner, EGR — Exhaust Gas Recirculation, TVS — Thermal Vacuum Switch.
- ② — Type 4 closed crankcase.

1974 Emission Control Application

DOMESTIC CARS

EMISSION CONTROL SYSTEMS							
Mfg. & Engine	Man. Trans.	Auto. Trans.	Federal	Calif.	PCV	Emission Systems & Devices ①	Fuel Evap.
1974 Chevrolet					②		
140" 4-Cyl. 1-Bbl.	x	---	x	x	x	TAC, EGR, TCS	x
140" 4-Cyl. 1-Bbl.	---	x	x	x	x	TAC, EGR	x
140" 4-Cyl. 2-Bbl.	x	---	x	x	x	TAC, EGR, TCS	x
140" 4-Cyl. 2-Bbl.	---	x	x	x	x	TAC, EGR	x
250" 6-Cyl. 1-Bbl.	x	---	x	x	x	EGR, TCS, TAC, A.I.R.	x
250" 6-Cyl. 1-Bbl.	---	x	x	x	x	EGR, TAC, A.I.R.	x
350" V8 2-Bbl.	x	---	x	---	x	EGR, TCS, TAC, A.I.R.	x
350" V8 2-Bbl.	---	x	x	---	x	EGR, TAC, A.I.R.	x
350" V8 4-Bbl.	x	---	x	x	x	EGR, TCS, TAC, A.I.R.	x
350" V8 4-Bbl.	---	x	x	x	x	EGR, TAC, A.I.R.	x
400" V8 2-Bbl.	---	x	x	---	x	EGR, TAC, A.I.R.	x
400" V8 4-Bbl.	---	x	x	x	x	EGR, TAC, A.I.R.	x
454" V8 4-Bbl.	x	---	x	x	x	EGR, TCS, TAC, A.I.R.	x
454" V8 4-Bbl.	---	x	x	x	x	EGR, TAC, A.I.R.	x

① — EGR — Exhaust Gas Recirculation, TCS — Transmission Controlled Spark, TAC — Thermostatic Air Cleaner, A.I.R. — Air Injection Reactor.

② — Type 4 closed crankcase.

EMISSION CONTROL SYSTEMS							
Mfg. & Engine	Man. Trans.	Auto. Trans.	Federal	Calif.	PCV	Emission Systems & Devices ①	Fuel Evap.
1974 Chrysler Corp.					②		
198" 6-Cyl. 1-Bbl.	x	x	x	x	x	EGR, TAC, EAC, OSAC	x
225" 6-Cyl. 1-Bbl.	x	x	x	x	x	EGR, TAC, EAC, OSAC	x
318" V8 2-Bbl.	x	x	x	x	x	EGR, TAC, EAC, OSAC, TIC③	x
360" V8 2-Bbl.	---	x	x	x	x	EGR, TAC, EAC, OSAC, TIC③	x
360" V8 4-Bbl.	x	x	x	x	x	EGR, TAC, EAC, OSAC, TIC③	x
400" V8 2-Bbl.	---	x	x	x	x	EGR, TAC, EAC, OSAC, TIC③	x
400" V8 4-Bbl.	x	x	x	x	x	EGR, TAC, EAC, OSAC, TIC③	x
440" V8 4-Bbl.	---	x	x	x	x	EGR, TAC, EAC, OSAC, TIC③, A.I.R.④	x

① — EGR — Exhaust Gas Recirculation, TAC — Thermostatic Air Cleaner, EAC — Electric Assist Choke, OSAC — Orifice Spark Advance Control, TIC — Thermal Ignition Control Valve, A.I.R. — Air Injection Reactor.

② — Type 4 closed crankcase.

③ — Max. Cooling and/or A/C.

④ — Calif. standard engines only.

DOMESTIC CARS

EMISSION CONTROL SYSTEMS							
Mfg. & Engine	Man. Trans.	Auto. Trans.	Federal	Calif.	PCV	Emission Systems & Devices ①	Fuel Evap.
1974 Ford Motor Co.							
2000 cc 4-Cyl. 2-Bbl.	x	---	x	---	x	EGR, TAC, EAC, DV, A.I.R., SDV⑦	x
2000 cc 4-Cyl. 2-Bbl.	--	x	x	---	x	EGR, TAC, EAC, DV, A.I.R.	x
2300 cc 4-Cyl. 2-Bbl.	x	x	x	x	x	EGR, TAC, EAC, DV, A.I.R.③, SDV	x
2800 cc V6 2-Bbl.	x	x	x	x	x	EGR, TAC, EAC, DV, A.I.R., SDV	x
200" 6-Cyl. 1-Bbl.	x	---	x	x	x	EGR, TAC, EAC, A.I.R.③	x
200" 6-Cyl. 1-Bbl.	---	x	x	x	x	EGR, TAC, EAC, A.I.R.③, SDV③	x
250" 6-Cyl. 1-Bbl.	x	---	x	x	x	EGR, TAC, EAC, A.I.R., SDV	x
250" 6-Cyl. 1-Bbl.	---	x	x	x	x	EGR, TAC, EAC, A.I.R., SDV, CTAV④	x
302" V8 2-Bbl.	x	x	x	---	x	EGR, TAC, EAC	x
351" C V8 2-Bbl.	---	x	x	x	x	EGR, TAC, EAC, A.I.R.	x
351" W V8 2-Bbl.	---	x	x	---	x	EGR, TAC, EAC, SDV	x
351" V8 4-Bbl.	x	x	x	---	x	EGR, TAC, EAC	x
400" V8 2-Bbl.	---	x	x	x	x	EGR, TAC, EAC, A.I.R.③, SDV③	x
460" V8 4-Bbl.	---	x	x	x	x	EGR, TAC, EAC, A.I.R.③, SDV	x

① — EGR — Exhaust Gas Recirculation, TAC — Thermostatic Air Cleaner, EAC — Electric Assist Choke, DV — Decel Valve, A.I.R. — Air Injection Reactor, SDV — Spark Delay Valve, CTAV — Cold Temperature Activated Vacuum System.

② — Type 4 closed crankcase.

③ — Calif. only.

④ — Calibration 4-9, Revision R3 only.

⑤ — Calibration 4-7B, T and Revision R2, 11.

⑥ — Calibration 4-17T, Revision R13.

⑦ — Calibration 4-2A, Revision R0.

EMISSION CONTROL SYSTEMS							
Mfg. & Engine	Man. Trans.	Auto. Trans.	Federal	Calif.	PCV	Emission Systems & Devices ①	Fuel Evap.
1974 Jeep							
232" 6-Cyl. 1-Bbl.	x	---	x	x	x	EGR, TAC, TCS, CTO	x
258" 6-Cyl. 1-Bbl.	x	---	x	---	x	A.I.R.③, EGR, TAC, TCS, CTO	x
258" 6-Cyl. 1-Bbl.	x	---	---	x	x	EGR③, TAC③, TCS③, CTO③	x
258" 6-Cyl. 1-Bbl.	---	x	x	---	x	A.I.R., EGR, TAC, TCS, CTO	x
304" V8 2-Bbl.	x	---	x	---	x	A.I.R., EGR, TAC, TCS, CTO	x
304" V8 2-Bbl.	---	x	---	x	x	A.I.R., EGR, TAC, CTO, VTM	x
360" V8 2-Bbl.	x	---	x	---	x	A.I.R., EGR, TAC, TCS③, TVS, CTO, VTM③	x
360" V8 2-Bbl.	x	---	---	x	x	A.I.R., EGR, TAC, TVS, CTO, VTM	x
360" V8 2-Bbl.	---	x	x	---	x	A.I.R., EGR, TAC, TCS③, TVS, CTO, VTM③	x
360" V8 2-Bbl.	---	x	---	x	x	A.I.R., EGR, TAC, TVS, CTO, BPS,③, VTM③	x
360" V8 4-Bbl.	---	x	x	x	x	A.I.R., EGR, TAC, TCS③, TVS, CTO, EAC, BPS③	x
401" V8 4-Bbl.	x	---	x	x	x	A.I.R., EGR, TAC, CTO, VTM③	x
401" V8 4-Bbl.	---	x	x	x	x	A.I.R., EGR, TAC, CTO, EAC③, VTM③	③

① — EGR — Exhaust Gas Recirculation, TAC — Thermostatic Air Cleaner, TCS — Transmission Controlled Spark, CTO — Coolant Temperature Override, A.I.R. — Air Injection Reactor, VTM — Vacuum Throttle Modulator, TVS — Thermal Vacuum Switch, EAC — Electric Assist Choke.

② — Type 4 closed crankcase.

③ — Except CJ5/6.

④ — CJ5/6 only.

⑤ — Except truck "46" (Heavy Duty).

⑥ — Truck "46" (Heavy Duty) only.

⑦ — Except Federal Cherokee.

⑧ — Except Federal truck "46" (Heavy Duty).

⑨ — Calif. only.

1974 Emission Control Application

DOMESTIC CARS

EMISSION CONTROL SYSTEMS							
Mfg. & Engine	Man. Trans.	Auto. Trans.	Federal	Calif.	PCV	Emission Systems & Devices ①	Fuel Evap.
1974 Oldsmobile					⑦		
250" 6-Cyl. 1-Bbl.	x	---	x	x	x	TAC, TCS, CCS, A.I.R., EGR	x
250" 6-Cyl. 1-Bbl.	---	x	x	x	x	TAC, A.I.R., CCS, EGR②	x
350" V8 2-Bbl.	---	x	x	x	x	TAC, CCS, EGR, TVS	x
350" V8 4-Bbl.③	---	x	x	---	x	TAC, CCS, EGR, TVS	x
350" V8 4-Bbl.③	---	x	---	x	x	TAC, CCS, EGR, BPV, DVV	x
350" V8 4-Bbl.④	---	x	x	---	x	TAC, CCS, EGR, TVS	x
455" V8 4-Bbl.⑤	---	x	x	---	x	TAC, CCS, EGR, TVS	x
455" V8 4-Bbl.⑤	---	x	---	x	x	TAC, CCS, EGR, BPV, DVV, TVS	x
455" V8 4-Bbl.⑥	---	x	x	---	x	TAC, CCS, EGR, DVV, TVS	x
455" V8 4-Bbl.⑥	---	x	---	x	x	TAC, CCS, EGR, DVV, BPV, TVS	x

① — A.I.R. — Air Injection Reactor, EGR — Exhaust Gas Recirculation, CCS — Controlled Combustion System, TVS — Thermal Vacuum Switch, PCV — Positive Crankcase Ventilation, DVV — Distributor Vacuum Valve, BPV — Back Pressure Transducer Valve, TCS — Transmission Controlled Spark TAC — Thermostatic Air Cleaner.

② — Calif. only.

③ — Except L-34 Station Wagon with Auto. Trans.

④ — L-34 Station Wagon with Auto. Trans.

⑤ — Except Toronado models.

⑥ — Toronado models.

⑦ — Type 4 closed crankcase.

EMISSION CONTROL SYSTEMS							
Mfg. & Engine	Man. Trans.	Auto. Trans.	Federal	Calif.	PCV	Emission Systems & Devices ①	Fuel Evap.
1974 Pontiac					②		
250" 6-Cyl. 1-Bbl.	x	---	x	x	x	TAC, EGR, CCS③, TVS, TCS, A.I.R.	x
250" 6-Cyl. 1-Bbl.	---	x	x	x	x	TAC, EGR, CCS③, TVS, A.I.R.④	x
350" V8 2-Bbl.	x	---	x	x	x	TAC, EGR, CCS③, BPV⑤, TVS, TCS, A.I.R.	x
350" V8 2-Bbl.	---	x	x	x	x	TAC, EGR, CCS③, BPV⑤, TVS, TCS, A.I.R.⑥	x
350" V8 4-Bbl.	x	---	x	⑦	x	TAC, EGR, CCS③, TVS, TCS	x
350" V8 4-Bbl.	---	x	x	⑦	x	TAC, EGR, CCS③, TVS, TCS	x
400" V8 2-Bbl.	---	x	x	x	x	TAC, EGR, CCS③, VBV⑧, BPV⑤, TVS, TCS	x
400" V8 4-Bbl.	x	---	x	⑦	x	TAC, EGR, CCS③, TVS, TCS	x
400" V8 4-Bbl.	---	x	x	⑦	x	TAC, EGR, CCS③, TVS, TCS	x
455" V8 4-Bbl.	x	---	x	⑦	x	TAC, EGR, CCS③, TVS, TCS	x
455" V8 4-Bbl.	---	x	x	⑦	x	TAC, EGR, CCS③, TVS, TCS	x

① — TAC — Thermostatically Controlled Air Cleaner, EGR — Exhaust Gas Recirculation, CCS — Controlled Combustion System, TCS — Transmission Controlled Spark, VBV — Vacuum Bias Valve, BPV — Back Pressure Transducer Valve, TVS — Thermal Vacuum Switch, A.I.R. — Air Injection Reactor.

② — Type 4 closed crankcase.

③ — Uses TCS (ported advance).

④ — With ported vacuum advance.

⑤ — Uses TCS (non-ported advance).

⑥ — Used on Federal series "B" station wagons.

⑦ — Dual Diaphragm EGR valve (some models).

⑧ — All Calif.

⑨ — Calif. only.