

# Emission Control Application

1969 EMISSION CONTROL SYSTEMS (CONT.)				
Mfg. & Model	PCV	A.I.R.	TAC	Engine Modifications
				①
Renault	X	---	---	TP
Rolls-Royce & Bentley	X	X	---	DP
Rover				
Land Rover	X	---	---	FCO, TPV
2000 Sedan	X	---	---	TPV, DP ③
Saab V4	X	---	---	④
Simca	X	---	---	TP
Toyota	X	X	---	----
Triumph				
Spitfire	X	---	---	TPV
All Others Models	X	---	---	DDD
Volkswagen				
Type 1 & 2	X	---	X	TP
Type 3	X	---	---	EFI
Volvo	X	---	X	VR, DMS

① - CRV - Coasting Richer Valve, DD - Dual Distributors, DDD - Dual Diaphragm Distributor, DDV - Distributor Deceleration Valve, DMS - Dual Manifold System, DP - Dashpot, DPD - Dual Point Distributor, DV - Decel Valve, EAC - Electric Assist Choke, EFI - Electronic Fuel Injection, FCO - Fuel Cut Off, ISS - Idle Stop Solenoid, MCV - Mixture Control Valve, MFI - Mechanical Fuel Injection, SCS - Speed Controlled Spark, TCS - Transmission Controlled Spark, TO - Thermal Override, TPV - Throttle Poppet Valve, TP - Throttle Positioner, VR - Vacuum Retard.

- ② - Engine under 50 cubic inches, no exhaust emission control required.
- ③ - Dashpot is used only on dual carburetor models with manual transmission.
- ④ - Exhaust emission control accomplished by internal engine modifications.

1970 EMISSION CONTROL SYSTEMS						
Mfg. & Model	PCV	A.I.R.	TAC	Engine Modifications ①	Fuel Evap.	
					Case	Can.
Alfa Romeo	X	---	---	MFI	X	---
Audi	X	---	---	②	---	X
Austin American	X	X	---	----	---	X
BMW						
1600 & 2000	X	X	---	----	---	X
2500 & 2800	X	---	X	DDD, TP	---	X
Capri	X	---	X	DV, DDD	---	X
Cortina						
1600	X	---	X	DV, DDD	---	X
1600 GT	X	X	---	----	---	X
Datsun						
1200	X	---	X	TP, TCS ④	X	---
1600 Sports	X	X	---	DV	X	---
2000 Sports	X	X	---	----	X	---
510 Man. Trans.	X	X	X	TCS, DPD, CRV	X	---
510 Auto. Trans.	X	X	X	SCS, DPD, CRV	X	---
Pickup	X	X	X	TCS, DPD, CRV	X	---
240Z	X	X	---	TP	X	---
Fiat						
850 ③	X	---	---	----	---	X
124	X	---	---	TP	---	X
Jaguar	X	---	---	DMS	---	X
Mercedes-Benz						
220 Models	X	---	---	TP, VR, TO	X	---
250 & 280S Models	X	---	---	DDD, TO, TP, EAC	X	---
Fuel Inj. Models	X	---	---	MFI, DDD, TO, FCO	X	---
MG	X	X	---	----	---	X
Opel	X	---	X	DDD, DV ④	---	X

# Emission Control Application

1970 EMISSION CONTROL SYSTEMS (CONT.)						
Mfg. & Model	PCV	A.I.R.	TAC	Engine Modifications ①	Fuel Evap.	
					Case	Can.
Peugeot	X	---	---	TP	---	X
914	X	---	---	EFI	---	X
914/6 & 911 T	X	---	---	TP	---	X
911 E & S	X	---	---	MFI	---	X
Renault	X	---	---	TP	---	X
Rootes Group						
Single Carburetor	X	---	---	DDD, DV	---	X
Twin Carburetor	X	---	---	DV	---	X
Rover						
Land Rover	X	---	---	FCO, TPV	---	X
3500S Sedan	X	---	---	TPV, DP, DDD	---	X
Saab						
V4	X	---	X	DV	---	X
99	X	---	---	③	---	X
99 E	X	---	---	EFI	---	X
Toyota						
8R-C & F	X	---	---	TP, SCS	---	X ②
All Others Models	X	X	---	----	---	X ②
Triumph						
Spitfire	X	---	---	TPV	---	X
All Other Models	X	---	---	DDD	---	X
Volkswagen						
Type 1 & 2	X	---	X	TP	---	X
Type 3	X	---	---	EFI	---	X
Volvo						
P1800E	X	---	---	EFI	---	X
All Other Models	X	---	X	VR, DMS	---	X

① - CRV - Coasting Richer Valve, DD - Dual Distributors, DDD - Dual Diaphragm Distributor, DDV - Distributor Deceleration Valve, DMS - Dual Manifold System, DP - Dashpot, DPD - Dual Point Distributor, DV Decel Valve, EAC - Electric Assist Choke, EFI - Electronic Fuel Injection, FCO - Fuel Cut Off, ISS - Idle Stop Solenoid, MCV - Mixture Control Valve, MFI - Mechanical Fuel Injection, SCS Speed Controlled Spark, TCS - Transmission Controlled Spark, TO - Thermal Override, TPV - Throttle Poppet Valve, TP - Throttle Positioner, VR - Vacuum Retard.

② - Fuel evaporation was not required by Federal government in 1970, however, most manufacturers put system on all vehicles imported into USA.

③ - Exhaust emission control accomplished by internal engine modifications.

④ - TCS on manual transmission equipped vehicles only.

⑤ - Engine under 50 cubic inches, no exhaust emission control required.

⑥ - Decel valve only used on 1.1 liter models with manual transmission.

⑦ - No charcoal used in cannister.