

1974-79 EMISSION CONTROL APPLICATIONS 3-13

All Manufacturers (Cont.)

1978 IMPORTED EMISSION SYSTEMS		
Mfg. & Model	Emission Control Systems & Devices	Remarks
ARROW, COLT, CHALLENGER, SAPPORO AUDI Fox & 5000	PCV, TAC, HAS ^① , MCV, CAT, ITCS ^② , EGR, FES, DDD, TVS PCV, CIS, DDD, DVO ^① , EGR, CAT ^② , FES, TAC, SDV, TVS ^③	① — High Alt. Only ② — Cal. Only ① — Man. Trans. Only ② — Cal. Only ③ — 5000 Only
BMW 320i 530i, 633CSi & 733i	PCV, A.I.R., CIS, TR ^① , VR, EGR, FES, TCS PCV, A.I.R., AFC, TR, VR, EGR, FES, TCS ^②	① — Except Federal Models. ② — Calif. Models Only
CAPRI II COURIER	PCV, AI, TAC, CSSA, DDD, DVC, EAC, SDV, VHC, EGR, CAT ^① , FES PCV, AI, TAC, DV, SDV, CAT ^① , EGR, FES, STCS ^② , TVS, DP ^③ , VCV, CRV ^④	① — Exc. Federal ① — Cal. Only ② — 1.8L Only ③ — 1.8L Fed. & 2.3L Fed. M/T ④ — 2.3L Only
DATSUN F10, 200SX, B210, 510, 620, 710, 810, 280Z	PCV, AI, CACV ^① , ADS ^① , EGR, BPT, TVS, SDV, BCDD ^② , EAC ^① , DP ^① , TOCS ^③ , TCS, VSV, STCS, IC ^① , AC ^② , FES, EFE ^① , CAT ^④ , FCO ^⑤	① — Exc. 810 & 280Z ② — Exc. F10 & B210 ③ — F10 & B210 Only ④ — Cal. Only ⑤ — B210 & Cal. 620
FIAT 124, 128, 131, X1/9	PCV, AI, TAC, EGR ^① , TVS ^① , CAT ^② , FES, DVC ^③ , SDV ^④ , TCS ^⑤	① — 124 & 131 Only ② — Cal. Only ③ — Exc. 131 ④ — 128 & 131 Only
FIESTA HONDA Civic Civic CVCC & Accord	PCV, TAC, AI, EGR, CAT, FES, TVS, SDV, IVV ^① , VVV PCV, TAC, ITCS, SDV, TOCS ^① , VR, FES PCV, TAC, ITCS, SDV, TOCS, DP, TP, FES	① — Fed. Only ① — Man. Trans. Only

ACV — Air Control Valve
ADS — Anti-Dieseling Solenoid
AFC — Air Flow Controlled Injection
AI — Air Injection
AS — Air Suction
ASV — Air Switching Valve
BCDD — Boost-Controlled Decel. Device
BPT — Backpressure Transducer
CACV — Combined Air Control Valve
CAT — Catalytic Converter
CBS — Coasting By-Pass System
CIS — Continuous Injection System
CRS — Choke Return System
CRV — Coasting Richer Valve
CSSA — Cold Start Spark Advance
DCS — Decel. Control System

DDD — Dual Diaphragm Distributor
DP — Dashpot
DV — Delay Valve
DVC — Dist. Vacuum Control
EAC — Electric Assist Choke
EFE — Early Fuel Evaporation
EGR — Exhaust Gas Recirculation
FCO — Fuel Cut-Off
FES — Fuel Evaporation System
HAS — High Altitude System
IC — Idle Compensator
ITCS — Ignition Timing Control System
IVV — Idle Vacuum Valve
MCS — Mixture Control System
MCV — Mixture Control Valve
PAS — Pulse Air System

PCV — Positive Crankcase Ventilation
SCS — Start Control System
SDV — Spark Delay Valve
STCS — Spark Timing Control System
TAC — Thermostatic Air Cleaner
TCS — Transmission Controlled Spark
TOCS — Throttle Opener Control System
TP — Throttle Positioner
TR — Thermal Reactor
TVS — Thermal Vacuum Switch
VCV — Vacuum Control Valve
VHC — Vacuum Heat Control Valve
VM — Vacuum Modulator
VR — Vacuum Retard
VSV — Vacuum Switching Valve
VVV — Vacuum Vent Valve

3-14 **1974-79 EMISSION CONTROL APPLICATIONS**
All Manufacturers (Cont.)

1978 IMPORTED EMISSION SYSTEMS (Cont.)		
Mfg. & Model	Emission Control Systems & Devices	Remarks
LUV	PCV, AI, TAC, CRV, EGR, CAT, FES	
MAZDA GLC & B1800	PCV, TAC ^① , AI, ACV ^② , CAT ^③ , DCS, TOCS, VCV, DP ^④ , SDV ^⑤	① - Exc. Fed. B1800 ② - Calif. GLC Only ③ - Fed. B1800 Only ④ - Auto. Trans. Only
Cosmo, RX-4, RX-3SP & RX-7	PCV, TAC, EGR ^⑥ , AI, ITCS, DCS, CRS, TR, SDV, VCV ^⑦ , DP ^⑧ , FES	⑥ - Cosmo, RX-4 A/T, RX-3SP Cal. A/T ⑦ - RX-7 M/T Only
MERCEDES-BENZ 230 Series	PCV, AI, TAC, EGR, TVS, FES, CAT	① - Fed. 450 Only
280 Series	PCV, AI, TAC, CIS, EGR, BPT, TVS, FES, CAT	② - Exc. Fed. 450
450 Series & 6.9	PCV, AI ^③ , PAS ^④ , TAC, CIS, EGR, BPT, TVS, FES	
OPEL	PCV, TAC, EGR, CRV, CAT ^① , DP ^② , STCS ^③ , AI, MCV, SDV ^④ , TVS, IC, VSV, FES	① - Cal. & H.A. Only ② - Man. Trans. Only ③ - Fed. Only
PORSCHE 924	PCV, AI, CAT, EGR, TVS, FES	
911SC	PCV, AI, CAT, EGR ^① , TVS, DV, FES	① - Cal. Only
Turbo Carrera	PCV, AI, TR, EGR, TVS, DV, FES	
928	PCV, AI, CAT, EGR, TVS, DV, FES	
RENAULT R5 (Le Car)	PCV, TAC, AI, EGR, TVS, CAT ^① VVC, DCS, DV, SDV, TP, FES	① - Cal. & H.A. Only
R17 (Gordini)	PCV, TAC, AI, EGR, TVS, CAT, VVC, VR, TP, SDV, FES	

ACV - Air Control Valve
 ADS - Anti-Dieseling Solenoid
 AI - Air Injection
 AS - Air Suction
 ASV - Air Switching Valve
 BCDD - Boost-Controlled Decel. Device
 BPT - Backpressure Transducer
 CACV - Combined Air Control Valve
 CAT - Catalytic Converter
 CBS - Coasting By-Pass System
 CIS - Continuous Injection System
 CRS - Choke Return System
 CRV - Coasting Richer Valve
 CSSA - Cold Start Spark Advance
 DCS - Decel. Control System
 DDD - Dual Diaphragm Distributor

DP - Dashpot
 DV - Delay Valve
 DVC - Dist. Vacuum Control
 EAC - Electric Assist Choke
 EFE - Early Fuel Evaporation
 EGR - Exhaust Gas Recirculation
 FCO - Fuel Cut-Off
 FES - Fuel Evaporation System
 HAS - High Altitude System
 IC - Idle Compensator
 ITCS - Ignition Timing Control System
 IVV - Idle Vacuum Valve
 MCS - Mixture Control System
 MCV - Mixture Control Valve
 PAS - Pulse Air System
 PCV - Positive Crankcase Ventilation

SCS - Start Control System
 SDV - Spark Delay Valve
 STCS - Spark Timing Control System
 TAC - Thermostatic Air Cleaner
 TCS - Transmission Controlled Spark
 TOCS - Throttle Opener Control System
 TP - Throttle Positioner
 TR - Thermal Reactor
 TVS - Thermal Vacuum Switch
 VCV - Vacuum Control Valve
 VHC - Vacuum Heat Control Valve
 VM - Vacuum Modulator
 VR - Vacuum Retard
 VSV - Vacuum Switching Valve
 VVV - Vacuum Vent Valve

1974-79 EMISSION CONTROL APPLICATIONS 3-15

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SAAB 99	PCV, TAC, PAS ^⓪ , EGR ^⓪ , TVS, SDV, VVV, DV, FES	① – Fed. Only
SUBARU 1600 & Brot	PCV, TAC, EGR, AS, CBS, VCV, FES	
TOYOTA 20R Engine	PCV, TAC, EGR, VCV, VM, TVS, AI, ASV, CAT ^⓪ , TP, DCS, FCO, SCS, HAS ^⓪ , FES	① – Exc. Fed.
2TC Engine	PCV, TAC, EGR, VM, TVS, AI ^⓪ , ASV, AS ^⓪ , CAT, TP ^⓪ , MCS ^⓪ , STCS, HAS ^⓪ , FES	② – High Alt. Only
3KC Engine	PCV, TAC, EGR, TVS, AS, CAT, DCS, FCO, MCS, IC, CRS, FES	③ – Fed. Only
4M Engine	PCV, TAC, EGR, VM, TVS, VCV, AI, ASV, CAT, TP, IC, FES	④ – Cal. & H.A. Man. Trans. Only
2F Engine	PCV, TAC, EGR, VM, TVS, AI, CAT, TP, FES	
VOLKSWAGEN Type 1, Type 2, Dasher, Rabbit & Scirocco	PCV, TAC, EGR, DDD, AI ^⓪ , DV ^⓪ , CAT ^⓪ , CIS ^⓪ , FES	① – Exc. Type 1 & Type 2 ② – Type 1 & Dasher M/T Only ③ – Cal. Only
VOLVO 240 & 260 Series	PCV, EGR, CAT, TVS, VSV, CIS, FES	

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AI – Air Injection
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DVC – Dist. Vacuum Control
EAC – Electric Assist Choke
EFE – Early Fuel Evaporation
EGR – Exhaust Gas Recirculation
FCO – Fuel Cut-Off
FES – Fuel Evaporation System
HAS – High Altitude System
IC – Idle Compensator
ITCS – Ignition Timing Control System
IVV – Idle Vacuum Valve
MCS – Mixture Control System
MCV – Mixture Control Valve
PAS – Pulse Air System
PCV – Positive Crankcase Ventilation

SCS – Start Control System
SDV – Spark Delay Valve
STCS – Spark Timing Control System
TAC – Thermostatic Air Cleaner
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