

EMISSION CONTROL APPLICATIONS**Emission Applications - Toyota (1968-03)****EMISSION APPLICATIONS****1968-77 TOYOTA**

Year, Engine & Fuel System	Emission Control Systems & Devices
1968-69	
All Engines Carb.	PCV, AIS
1970	
Except 8R-C & F 1.8L Carb.	PCV, ⁽¹⁾⁽²⁾⁽³⁾ EVAP, AIS
8R-C & F 1.8L Carb.	PCV, ⁽²⁾⁽³⁾ EVAP, SPK, ⁽¹⁾ AIS, SPK-SC, TP
F 3.9L 6-Cyl. Carb.	PCV, ⁽³⁾ EVAP, SPK, ⁽³⁾ EVAP-VC, SPK-VR, TP
1971	
Except 8R-C A/T & 8R-C & F M/T 1.8L Carb.	PCV, ⁽²⁾ EVAP, AIS
8R-C A/T 1.8L Carb.	PCV, ⁽²⁾ EVAP, SPK, AIS, SPK-SC, TP
8R-C & F M/T 1.8L Carb.	PCV, ⁽²⁾ EVAP, SPK-TCS, TP
F 3.9L 6-Cyl. Carb.	PCV, EVAP, SPK, EVAP-VC, SPK-VR, TP
1972	
F 3.9L 6-Cyl. Carb.	PCV, EVAP, SPK, EVAP-VC, SPK-VR, TP
2T-C 1.6L Carb.	PCV, EVAP, SPK, AIS, EVAP-VC, SPK-SC, TP
3K-C 1.2L & 18R-C 2.0L Carb.	PCV, EVAP, SPK, ⁽⁴⁾ AIS, EVAP-VC, SPK-SC, TP
4M 6-Cyl. 2.6L Carb.	PCV, EVAP, SPK, AIS, EVAP-VC, SPK-SC, TP
8R-C A/T 1.8L Carb.	PCV, EVAP, SPK, AIS, EVAP-VC, SPK-SC, TP
8R-C M/T 1.8L Carb.	PCV, EVAP, EVAP-VC, SPK-TCS, TP
1973	
F 3.9L & 4M 2.6L Carb.	PCV, EVAP, SPK, AIS, EVAP-VC, SPK-SC, TP
2T-C 1.6L Carb.	PCV, EVAP, SPK, ⁽⁴⁾ AIS,

	EVAP-VC, SPK-SC, TP
3K-C 1.2L & 18R-C 2.0L Carb.	PCV, EVAP, SPK, ⁽⁴⁾ AIS, EVAP-VC, SPK-SC, TP
1974	
F 3.9L & 4M 2.6L Carb.	PCV, TAC, EVAP, ⁽³⁾ EGR, SPK, AIS, EVAP-VC, SPK-SC, TP
2T-C 1.6L Carb.	PCV, EVAP, SPK, ⁽³⁾ AIS, EVAP-VC, SPK-SC, TP
3K-C 1.2L & 18R-C 2.0L Carb.	PCV, EVAP, EGR, SPK, ⁽⁴⁾ AIS, EVAP-VC, SPK-SC, TP
1975	
2F 4.2L 6-Cyl. Carb.	PCV, ACL, EVAP, EGR, AIS, EVAP-VC, SPK-TCS, PVCS, TP
2T-C 1.6L Carb.	PCV, ACL, EVAP, ⁽³⁾ OC, ⁽³⁾ FR, SPK- AIS, EVAP-VC, ⁽³⁾ SPK-TCS, ⁽⁵⁾ SPK-DV, TP
4M 2.6L 6-Cyl. Carb.	PCV, ACL, EVAP, ⁽³⁾ OC, ⁽³⁾ FR, EGR, AIS, EVAP-VC, SPK-TCS, TP
20R 2.2L Carb.	PCV, ACL, EVAP, ⁽³⁾⁽⁶⁾ OC, ⁽³⁾⁽⁶⁾ FR, EGR, AIS, EVAP-VC, SPK-TCS, TP
1976	
2F 4.2L 6-Cyl. Carb.	PCV, ACL, EVAP, ⁽³⁾ EGR, SPK, AIS, EVAP-VC, SPK-TCS, PVCS, TR, TP
2T-C 1.6L Carb.	PCV, ACL, EVAP, ⁽³⁾ OC, FR, SPK, AIS, EVAP-VC, ⁽³⁾ SPK-TCS, ⁽⁴⁾ SPK-DDD, ⁽⁵⁾ SPK-DV, TP
4M 2.6L 6-Cyl. Carb.	PCV, ACL, EVAP, OC, FR, EGR, AIS, EVAP-VC, SPK-TCS, TP
20R 2.2L Carb.	PCV, ACL, EVAP, ⁽³⁾ OC, FR, EGR, AIS, EVAP-VC, SPK-TCS, TP
1977	
2F 4.2L 6-Cyl. Carb.	PCV, ACL, EVAP, EGR, SPK, AIS, ⁽⁵⁾ EFE, EVAP-VC, SPK-TCSYS, ⁽⁵⁾ EFE-HCV, HAS, ⁽³⁾ PVCS, ⁽³⁾ TR, TP
2T-C 1.6L Carb.	PCV, ACL, EVAP, ⁽³⁾ OC, FR, EGR, SPK, AIS, EVAP-VC, ⁽⁷⁾ SPK-DDD, SPK-TCSYS, HAS, TP
3K-C 1.2L Carb.	PCV, ACL, EVAP, ⁽³⁾ OC, FE, EGR, SPK, AIS, EVAP-VC, SPK-TCSYS
20R 2.2L Carb.	PCV, ACL, EVAP, ⁽³⁾ OC, FR, EGR, SPK, AIS, EVAP-VC, SPK-TCSYS, HAS, TP
(1) Except 8R-C & 18R-C.	

(2) Uses fuel storage case type system.

(3) California only.

(4) Some models.

(5) Federal only.

(6) Except Hi-Lux models.

(7) Cold weather application only.

1978-82 TOYOTA

Year, Engine & Fuel System	Emission Control Systems & Devices
1978	
2F 4.2L 6-Cyl. Carb.	PCV, ACL, EVAP, EGR, AIS, EVAP-VC, ⁽³⁾ TR, TP
2T-C 1.6L Carb.	PCV, ACL, EVAP, OC, FR, EGR, SPK, ⁽³⁾ AP, ⁽⁴⁾ PAIR, EVAP-VC, SPK-TCSYS, ⁽²⁾ HAS, ⁽³⁾ TP
3K-C 1.2L Carb.	PCV, ACL, EVAP, OC, FR, EGR, PAIR, EVAP-VC, DCS
4M 2.6L 6-Cyl. Carb.	PCV, ACL, EVAP, OC, FR, EGR, AIS, EVAP-VC, TP
20R 2.2L Carb.	PCV, ACL, EVAP, ⁽³⁾ OC, FR, EGR, SPK, AIS, EVAP-VC, SPK-TCSYS, DCS, ⁽²⁾ HAS, TP
1979	
Celica, Corona & Pickup 20R 2.2L Carb.	PCV, ACL, EVAP, ⁽¹⁾ OC, FR, EGR, SPK, AIS, EVAP-VC, SPK-TCSYS, DCS, TP
Corolla 2T-C 1.6L Carb.	PCV, ACL, EVAP, OC, FR, EGR, SPK, ⁽³⁾ AP, ⁽⁴⁾ PAIR, EVAP-VC, SPK-TCSYS, ⁽⁵⁾ HAS, TP
Corolla 3K-C 1.2L Carb.	PCV, ACL, EVAP, OC, FR, EGR, SPK, PAIR, EVAP-VC, SPK-TCSYS, ⁽²⁾ HAS
Cressida 4M 2.6L 6-Cyl. Carb.	PCV, ACL, EVAP, TWC, FR, EGR, SPK, AP, EVAP-VC, SPK-TCSYS, HAS, TP
Land Cruiser 2F 4.2L 6-Cyl. Carb.	PCV, ACL, EVAP, OC, FR, EGR, SPK, AIS, EVAP-VC, SPK-TCSYS, HAS
Supra 4M 2.6L 6-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, O ₂ S, CEC, EVAP-VC, SPK-TCSYS
1980	
Celica & Corona 2.2L Carb.	PCV, ACL, EVAP, OC, FR, EGR, SPK, AIS, EVAP-VC, SPK-TCSYS, DCS, TP
Corolla 1.8L Carb.	PCV, ACL, EVAP, OC, FR, EGR, SPK, ⁽³⁾ AP, ⁽⁴⁾ PAIR, EVAP-VC, SPK-TCSYS, DCS, HAC, TP
Cressida & Supra 2.6L MFI	PCV, EVAP, TWC, FR, EGR, SPK, O ₂ S, CEC,

	EVAP-VC, SPK-TCSYS
Land Cruiser 4.2L 6-Cyl. Carb.	PCV, ACL, EVAP, OC, FR, EGR, SPK, AP, EVAP-VC, SPK-TCSYS, DCS, HAC
Pickup 2.2L Carb.	PCV, ACL, EVAP, ⁽⁶⁾ OC, ⁽¹⁰⁾ FR, EGR, SPK, AP, EVAP-VC, SPK-TCSYS, ⁽³⁾ DCS, TP
Tercel 1.5L Carb.	PCV, ACL, EVAP, ⁽⁷⁾ OC, ⁽⁷⁾ FR, EGR, SPK, PAIR, EVAP-VC, SPK-TCSYS, DCS, ⁽⁴⁾ HAC
1981	
Celica & Corona 2.4L Carb.	PCV, ACL, EVAP, OC, FR, EGR, SPK, AP, O2S, CEC, EVAP-VC, SPK-TCSYS, DCS
Corolla 1.8L Carb.	PCV, ACL, EVAP, TWC, FR, EGR, SPK, AP, O2S, CEC, EVAP-VC, SPK-DDD, DCS, ⁽⁴⁾ HAC, TP
Cressida & Supra 2.8L MFI	PCV, EVAP, OC, FR, EGR, SPK, ⁽⁸⁾ AIS, O2S, CEC, EVAP-VC, SPK-TCSYS
Land Cruiser 4.2L Carb.	PCV, ACL, EVAP, OC, FR, EGR, SPK, AP, EVAP-VC, SPK-TCSYS, DCS, HAC
Pickup Diesel	PCV
Pickup 2.4L Carb.	PCV, ACL, EVAP, ⁽⁴⁾ OC, ⁽³⁾ TWC, FR, EGR, ⁽³⁾ SPK, ⁽³⁾ AP, ⁽⁴⁾ PAIR, ⁽³⁾ O2S, CEC, EVAP-VC, ⁽³⁾ SPK-TCSYS, DCS, ⁽⁷⁾ HAC, ⁽⁹⁾ TP
Starlet 1.3L Carb.	PCV, ACL, EVAP, OC, FR, EGR, SPK, PAIR, EVAP-VC, SPK-TCSYS, HAS, TP
Tercel 1.5L Carb.	PCV, ACL, EVAP, ⁽⁴⁾ OC, ⁽³⁾ TWC, FR, EGR, SPK, ⁽³⁾ AP, ⁽⁴⁾ PAIR, ⁽³⁾ O2S, ⁽³⁾ CEC, EVAP-VC, SPK-TCSYS, DCS, ⁽⁴⁾ HAC, TP
1982	
Celica & Corona 2.4L Carb.	PCV, ACL, EVAP, TWC, FR, EGR, SPK, AP, O2S, CEC, EVAP-VC, SPK-TCSYS, DCS
Corolla 1.8L Carb.	PCV, ACL, EVAP, TWC, FR, EGR, AP, O2S, CEC, EVAP-VC, DCS, ⁽⁴⁾ HAC, TP
Cressida & Supra 2.8L MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, EVAP-VC, SPK-TCSYS
Land Cruiser 4.2L Carb.	PCV, ACL, EVAP, OC, FR, EGR, SPK, AP, EVAP-VC, SPK-TCSYS, DCS, HAC
Pickup Diesel	PCV
Pickup 2.4L Carb.	PCV, ACL, EVAP, ⁽⁴⁾ OC, ⁽³⁾ TWC, FR, EGR, ⁽³⁾ SPK, ⁽³⁾ AP, ⁽⁴⁾ PAIR, ⁽³⁾ O2S, ⁽³⁾ CEC,
Starlet 1.3L Carb.	PCV, ACL, EVAP, OC, FR, EGR, SPK, PAIR, EVAP-VC, SPK-TCSYS, HAC, TP
Tercel 1.5L Carb.	

PCV, ACL, EVAP, ⁽⁴⁾ OC, ⁽³⁾ TWC, FR, EGR, SPK, ⁽³⁾ AP, ⁽⁴⁾ PAIR, ⁽³⁾ O2S, ⁽³⁾ CEC, ⁽³⁾ EVAP-VC, SPK-TCSYS, TP

- (1) Except Federal Pickup.
- (2) High Altitude only.
- (3) California only.
- (4) Federal only.
- (5) Federal M/T only.
- (6) Federal (Cab & Chassis) & Calif. (All models).
- (7) Except California 2WD.
- (8) Check emission label.
- (9) California 4WD only.
- (10) Some models.

1983-86 TOYOTA

Year, Engine & Fuel System	Emission Control Systems & Devices
1983	
Camry 2.0L MFI	PCV, ⁽⁴⁾ EVAP, TWC, FR, EGR, SPK, O2S
Celica 2.4L Carb.	PCV, ACL, EVAP, TWC, FR, EGR, SPK, AP, EVAP-VC, SPK-TCSYS, DCS, HAC
Celica 2.4L MFI	PCV, ⁽⁴⁾ EVAP, TWC, FR, EGR, O2S, CEC
Corolla 1.6L Carb.	PCV, ACL, EVAP, TWC, FR, EGR, PAIR, O2S, CEC, EVAP-VC, DCS, ⁽¹⁾ HAC, HIC, TP
Cressida & Supra 2.8L MFI	PCV, ⁽⁴⁾ EVAP, TWC, FR, EGR, O2S, CEC
Land Cruiser 4.2L Carb.	PCV, ACL, EVAP, OC, FR, EGR, SPK, AP, EVAP-VC, SPK-TCSYS, DCS, HAC
Pickup Diesel	PCV
Pickup 2.4L Carb.	PCV, ACL, EVAP, OC, FR, EGR, ⁽²⁾ SPK, ⁽²⁾ AP, ⁽¹⁾ PAIR, ⁽²⁾ O2S, ⁽²⁾ CEC, EVAP-VC, ⁽²⁾ SPK-TCSYS, DCS, ⁽¹⁾ HAC
Starlet 1.3L MFI	PCV, ⁽⁴⁾ EVAP, TWC, FR, SPK, O2S, SPK-DDD
Tercel 1.5L Carb.	PCV, ACL, EVAP, TWC, FR, EGR, SPK, PAIR, O2S, EVAP-VC, DCS, ⁽¹⁾ HAC, HAI, HIC, TP

1984	
Camry Diesel	PCV, HAC
Camry 2.0L MFI	PCV, ⁽⁴⁾ EVAP, TWC, FR, EGR, O2S, CEC
Celica 2.4L MFI	PCV, ⁽⁴⁾ EVAP, TWC, FR, EGR, SPK, CEC
Corolla Diesel (FWD & RWD)	PCV, EGR
Corolla 1.6L Carb. (FWD & RWD)	PCV, ACL, EVAP, TWC, FR, EGR, PAIR, O2S, CEC, EFE, EVAP-VC, DCS, ⁽¹⁾ HAC, HIC, TP
Cressida & Supra 2.8L MFI	PCV, EVAP, TWC, FR, SPK, EGR, O2S, CEC
Land Cruiser 4.2L Carb.	PCV, ACL, EVAP, OC, FR, EGR, SPK, AP, EVAP-VC, SPK-TCSYS, DCS, HAC
Pickup & 4Runner 2.4L Carb.	PCV, ACL, ⁽⁴⁾ EVAP, ⁽¹⁾ OC, ⁽²⁾ TWC, FR, EGR, ⁽²⁾⁽⁵⁾ SPK, ⁽²⁾ AP, ⁽¹⁾ PAIR, ⁽²⁾ O2S, ⁽²⁾ CEC, EFE
Pickup & 4Runner 2.4L MFI	PCV, EGR
Pickup & Runner 2.5L Diesel	PCV, EGR
Starlet 1.3L MFI	PCV, ⁽⁴⁾ EVAP, TWC, FR, EGR, SPK, O2S, CEC
Tercel 1.5L Carb.	PCV, ACL, EVAP, ⁽²⁾ TWC, ⁽¹⁾ TWC+OC, FR, EGR, PAIR, CEC, EFE, EVAP-VC, DCS, ⁽¹⁾ HAC, HIC, TP
Van 2.0L MFI	PCV, ACL, ⁽⁴⁾ EVAP, TWC, FR, EGR
1985	
Camry Diesel	PCV, HAC
Camry 2.0L MFI	PCV, ⁽⁴⁾ EVAP, TWC, FR, EGR, SPK, O2S, CEC
Celica 2.4L MFI	PCV, ⁽⁴⁾ EVAP, TWC, FR, EGR, SPK, O2S, CEC
Corolla 1.8L Diesel (FWD)	PCV, EGR
Corolla 1.6L Carb. (FWD)	PCV, ACL, EVAP, ⁽²⁾ TWC, ⁽¹⁾ TWC+OC, FR, EGR, PAIR, O2S, CEC, EFE, EVAP-VC, CMH, DCS, ⁽¹⁾ HAC, HIC, TP
Corolla 1.6L DOHC EFI	PCV, ⁽⁴⁾ EVAP, TWC, FR, SPK, EGR

(RWD)	
Cressida & Supra 2.8L MFI	PCV, ⁽⁴⁾ EVAP, TWC, FR, SPK, EGR, O2S, CEC
Land Cruiser 4.2L Carb.	PCV, ACL, EVAP, OC, FR, EGR, SPK, AP, EVAP-VC, SPK-TCSYS, DCS, HAC
MR2 1.6L DOHC EFI	PCV, ⁽⁴⁾ EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL
Pickup & 4Runner 2.4L Carb.	PCV, ACL, ⁽⁴⁾ EVAP, ⁽¹⁾⁽³⁾ OC, ⁽²⁾ TWC, FR, EGR, ⁽²⁾⁽⁵⁾ SPK, ⁽¹⁾ PAIR, ⁽²⁾ O2S, ⁽²⁾ CEC, EFE
Pickup & 4Runner 2.4L MFI	PCV, ⁽⁴⁾ EVAP, TWC, FR, EGR, SPK, O2S, CEC
Pickup & 4Runner 2.4L Diesel	PCV, EGR
Tercel 1.5L Carb.	PCV, EVAP, TWC, FR, EGR, SPK, PAIR, O2S, CEC, EVAP-VC, CMH, ⁽¹⁾ HAC, HAI, HIC, TP
Van 2.0L MFI	PCV, ⁽⁴⁾ EVAP, TWC, FR, EGR, SPK
1986	
Camry 1.8L Turbo Diesel	PCV, EGR, HAC
Camry 2.0L MFI	PCV, ⁽⁴⁾ EVAP, TWC, FR, EGR, SPK, O2S, CEC
Celica 2.4L MFI	PCV, ⁽⁴⁾ EVAP, TWC, FR, EGR, SPK, O2S, CEC
Corolla 1.8L Diesel (FWD)	PCV, EGR
Corolla 1.6L Carb. (FWD)	PCV, ACL, EVAP, ⁽²⁾ TWC, ⁽¹⁾ TWC+OC, FR, EGR, SPK, PAIR, O2S, CEC, EFE, EVAP-VC, CMH, DCS, ⁽¹⁾ HAC, HIC, TP
Corolla 1.6L EFI (RWD)	PCV, ⁽⁴⁾ EVAP, TWC, FR, SPK, EGR
Cressida & Supra 2.8L EFI	PCV, ⁽⁴⁾ EVAP, TWC, FR, SPK, EGR, O2S, CEC
(1) Federal only. (2) California only. (3) Except 103 HP engines. (4) Vapor canister type. (5) Spark Control Timing System (SPK-TCSYS).	

1986-90 TOYOTA (Cont.)

Year, Engine & Fuel System	Emission Control Systems & Devices
1986 (Cont.)	
Land Cruiser 4.2L Carb	PCV, ACL, EVAP, OC, FR, EGR, SPK, AP, EVAP-VC, SPK-TCSYS, DCS, HAC, TP
MR2 1.6L DOHC EFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, SPK, O ₂ S, CEC, MIL
Pickup & 4Runner 2.4L Carb.	PCV, ACL, EVAP, ⁽⁴⁾ OC, ⁽¹⁾ TWC+OC, FR, EGR, ⁽¹⁾ SPK, PAIR, ⁽¹⁾ O ₂ S, ⁽¹⁾ CEC, EFE, EVAP-VC, SPK-TCSYS, CMH, ⁽⁴⁾ HAC, HAI
Pickup & 4Runner 2.4L MFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, O ₂ S, CEC
Tercel 1.5L Carb.	PCV, ACL, EVAP, TWC, FR, EGR, SPK, PAIR, CEC, EVAP-VC, CMH, DCS, FBC, ⁽⁴⁾ HAC, HAI, HIC, TP
Van 2.0L MFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, SPK, O ₂ S, CEC
1987	
Camry 2.0L EFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, SPK, O ₂ S, CEC
Celica 2.0L EFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, SPK, O ₂ S, CEC
Corolla 1.6L Carb. (FWD)	PCV, ACL, ⁽⁶⁾ EVAP, ⁽¹⁾ TWC, ⁽⁴⁾ TWC+OC, FR, EGR, SPK, PAIR, O ₂ S, CEC, EFE
Corolla 1.6L DOHC EFI (RWD)	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, SPK, O ₂ S, CEC
Cressida 2.8L DOHC EFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, SPK, EGR
Land Cruiser 4.2L Carb.	PCV, ACL, ⁽⁶⁾ EVAP, OC, FR, EGR, SPK, AP
MR2 1.6L DOHC EFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, SPK, O ₂ S, CEC
Pickup & 4Runner 2.4L Carb.	PCV, ACL, ⁽⁶⁾ EVAP, ⁽⁴⁾ OC, ⁽¹⁾ TWC, FR, EGR, SPK, PAIR, ⁽¹⁾ O ₂ S, ⁽¹⁾ CEC, EFE
Pickup & 4Runner 2.4L EFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, SPK, O ₂ S, CEC
Supra 3.0L EFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, SPK, O ₂ S, CEC
Tercel 1.5L Carb.	PCV, ACL, ⁽⁶⁾ EVAP, TWC, FR, EGR, SPK, AIS, O ₂ S, CEC, EFE
Van 2.2L EFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, SPK, O ₂ S, CEC
1988-89	
Camry 2.0L EFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, ⁽⁷⁾ SPK, O ₂ S, CEC
Camry 2.5L V6 EFI	PCV, ⁽⁸⁾ ACL, ⁽⁶⁾ EVAP, TWC, FR, EGR, ⁽⁷⁾ SPK, ⁽⁸⁾ AIS, O ₂ S, CEC
Celica 2.0L EFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, SPK, O ₂ S, CEC
Corolla 1.6L Carb.	PCV, ACL, ⁽⁶⁾ EVAP, TWC+OC, FR, EGR, ⁽⁷⁾ SPK, AIS, O ₂ S, CEC

Corolla 1.6L EFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, SPK, O2S, CEC
Cressida 2.8L EFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, SPK, EGR, O2S, CEC
Land Cruiser 4.1L EFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, SPK, AIS, O2S, CEC
MR2 1.6L EFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, O2S, CEC
Pickup & 4Runner 2.4L 2-Bbl. Carb.	PCV, ACL, ⁽⁶⁾ EVAP, ⁽⁴⁾ OC, ⁽¹⁾ TWC, FR, EGR, ⁽⁷⁾ SPK, AP, ⁽¹⁾ O2S
Pickup & 4Runner 2.4L EFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, SPK, PAIR, O2S, CEC, ⁽¹⁾ MIL
Pickup & 4Runner 3.0L V6 EFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, SPK, PAIR, O2S, CEC, ⁽¹⁾ MIL
Supra 3.0L EFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, SPK, O2S, CEC
Tercel 1.5L 2-Bbl. Carb.	PCV, ACL, ⁽⁶⁾ EVAP, OC, TWC, FR, EGR, SPK, PAIR, O2S, CEC
Van 2.2L EFI	PCV, ⁽⁶⁾ EVAP, TWC, FR, EGR, SPK, AIS, O2S, CEC
1990	
Camry 2.0L MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, ⁽¹⁾ EGR-T, SPK-CC, ⁽¹⁾ SUB-TWC, EGR-VM, ⁽¹⁾ SUB-O2S
Camry 2.5L V6 MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, ⁽¹⁾ SUB-TWC, EGR-VM, SPK-CC, ⁽¹⁾ SUB-O2S
Celica 1.6L MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-BVSV, ⁽¹⁾ EGR-T, EGR-VM, EGR-VSV
Celica 2.0L Turbo MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, ⁽¹⁾ SUB-TWC, EGR-VM, EGR-VSV, SPK-CC
Celica 2.2L MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, ⁽¹⁾ SUB-TWC, ⁽¹⁾ EGR-T, EGR-VM, EGR-VSV, ⁽¹⁾ SUB-O2S
Corolla 1.6L 4A-FE MFI	PCV, EVAP, TWC, FR, ⁽²⁾ EGR, SPK, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, ⁽¹⁾ EGR-T, ⁽¹⁾ EGR-VM, ⁽¹⁾ EGR-VSV
Corolla 1.6L 4A-GE MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, ⁽¹⁾ EGR-T, EGR-VM, EGR-VSV, SPK-CC, ⁽¹⁾ SUB-O2S
Cressida 3.0L MFI	PCV, EVAP, ⁽⁵⁾ TWC, EGR, SPK, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, EGR-CLR, ⁽⁵⁾ EGR-T, EGR-VM, EGR-VSV, SPK-CC, ⁽⁵⁾ SUB-O2S
Land Cruiser 4.0L MFI	PCV, EVAP, ⁽³⁾ TWC, FR, EGR, SPK, AP, ⁽³⁾ O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, EVAP-VCTV, ⁽¹⁾ EGR-T, EGR-VM,

EGR-VSV, SPK-CC, AP-ASV

- (1) California only.
- (2) Calif. 2WD & all 4WD only.
- (3) Equipped with 2.
- (4) Federal only.
- (5) Equipped with 2 on Calif. models.
- (6) Vapor canister type.
- (7) Spark Timing Control System (SPK-TCSYS).
- (8) Except California A/T.

1990-91 TOYOTA (Cont.)

Year, Engine & Fuel System	Emission Control Systems & Devices
1990 (Cont.)	
Pickup 2.4L 2-Bbl. Carb.	PCV, ACL, EVAP, OC, FR, EGR, SPK, AP, MIL, EVAP-VC, EVAP-VSV, EVAP-CVSV, EVAP-OVSV, EGR-VM, EGR-BVSV, AP-ASV, AP-BPV, AP-VSV, AP-TV
Pickup & 4Runner 2.4L MFI	PCV, EVAP, TWC, FR, EGR, SPK, PAIR, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, EGR-CLR, ⁽⁵⁾ EGR-BVSV, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, PAIR-RV, PAIR-RES, PAIR-VSV, ⁽²⁾ SUB-O2S
Pickup & 4Runner 3.0L V6 MFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽⁷⁾ PAIR, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, ⁽²⁾ EGR-T, EGR-VM, EGR-VSV, SPK-CC, PAIR-VSV, PAIR-RES, PAIR-RV
Supra 3.0L & 3.0L Turbo MFI	PCV, EVAP, TWC, FR, EGR, SPK, AP, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, EVAP-VCTV, ⁽⁶⁾ SUB-TWC, ⁽²⁾ EGR-T, EGR-CLR, EGR-VM, EGR-VSV, SPK-CC, AP-ASV, ⁽²⁾ SUB-O2S
Tercel 1.5L Carb.	PCV, ACL, EVAP ⁽¹⁾ OC, TWC, FR, EGR, SPK, PAIR, O2S, CEC, MIL, EVAP-VC, EVAP-VSV, EGR-T, EGR-VM, EGR-VSV, ⁽²⁾ SPK-BVSV
Tercel 1.5L MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, EGR-T, EGR-VM, EGR-VSV, SPK-CC
1991	
Camry 2.0L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, ⁽¹⁾ SUB-TWC, ⁽²⁾ EGR-T, EGR-VM, EGR-BVSV, SPK-CC, ⁽²⁾ SUB-O2S
Camry 2.5L V6 MFI	PCV, EVAP-TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, ⁽²⁾ EGR-T, EGR-VM, EGR-BVSV, SPK-CC, ⁽²⁾ SUB-O2S

Celica 1.6L MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, EGR-VM, EGR-VSV, SPK-CC
Celica 2.0L MFI Turbo	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, SUB-TWC, EGR-VM, EGR-VSV, SPK-CC
Celica 2.2L MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, ⁽²⁾ EVAP-BVSV, ⁽²⁾ SUB-TWC, EGR-VM, EGR-VSV, SPK- CC, ⁽²⁾ SUB-O2S
Corolla 1.6L 4A-FE MFI	PCV, EVAP, TWC, FR, ⁽¹⁾ EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, ⁽²⁾ EGR-T, ⁽¹⁾ EGR-VM, SPK-CC
Corolla 1.6L 4A-GE MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, EGR-SU, ⁽²⁾ EGR-T, SPK-CC, ⁽²⁾ SUB-O2S
Cressida 3.0L 6-Cyl. MFI	PCV, EVAP, ⁽³⁾ TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, EGR-CLR, ⁽²⁾ EGR-T, EGR-VM
Land Cruiser 4.0L 6- Cyl. MFI	PCV, EVAP, ⁽⁴⁾ TWC, FR, EGR, SPK, AP, ⁽⁴⁾ O2S, MIL, EVAP-VC, EVAP-BVSV, ⁽²⁾ EGR-T, EGR-VM, EGR-VSV, SPK-CC, AP- ASV, AP-VSV
MR2 2.0L MFI Turbo	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, SUB-TWC, EGR-VM, EGR-VSV, SPK-CC
MR2 2.2L MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, ⁽²⁾ EVAP-BVSV, ⁽²⁾ SUB-TWC, EGR-VM, EGR-VSV, SPK- CC, ⁽²⁾ SUB-O2S
Pickup 2.4L MFI	PCV, EVAP, TWC, FR, EGR, SPK, PAIR, O2S, CEC, MIL, EVAP-VC, EGR-CLR, EGR-VM, ⁽²⁾ EGR-VSV, ⁽⁵⁾ EGR-BVSV, SPK-CC, PAIR-VSV, PAIR-RV, PAIR-RES, ⁽²⁾ SUB-O2S
Pickup & 4Runner 3.0L V6 MFI	PCV, EVAP, TWC, FR, EGR, SPK, PAIR, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, EGR-VM, EGR-VSV, SPK-CC, PAIR-RV, PAIR-RES, PAIR-VSV
Previa 2.4L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EGR-VM, EGR-BVSV, SPK-CC, SUB-O2S
(1) Calif. 2WD & all 4WD only. (2) California only. (3) Equipped with 2 on Calif. models. (4) Equipped with 2. (5) Federal & Canada only. (6) California & Turbo models only. (7) Some models.	

1991-92 TOYOTA (Cont.)

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Year, Engine & Fuel System	Emission Control Systems & Devices
1991 (Cont.)	
Supra 3.0L 6-Cyl. MFI	PCV, EVAP, ⁽⁴⁾ TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, EGR-CLR, EGR-VM, ⁽²⁾ EGR-T, EGR-VSV, SPK-CC, ⁽²⁾ SUB-O2S
Supra 3.0L 6-Cyl. Turbo MFI	PCV, EVAP, ⁽⁴⁾ TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, EGR-CLR, EGR-VM, ⁽²⁾ EGR-T, EGR-VSV, SPK-CC
Terrel 1.5L 4-Cyl. MFI	PCV, EVAP, TWC, FR, ⁽²⁾ EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, ⁽²⁾ EGR-VM, ⁽²⁾ EGR-VSV, ⁽²⁾ EGR-T, SPK-CC
4Runner 2.4L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, PAIR, O2S, CEC, MIL, EVAP-VC, EGR-CLR, EGR-VM, EGR-BVSV, SPK-CC, PAIR-VSV, PAIR-RV, PAIR-RES
1992	
Camry 2.2L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, ⁽¹⁾ SUB-TWC, ⁽²⁾ EGR-T, EGR-VM, ⁽³⁾ EGR-VSV, SPK-CC, ⁽²⁾ SUB-O2S
Camry 3.0L V6 MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, ⁽²⁾ EGR-T, EGR-VM, EGR-BVSV, SPK-CC, ⁽²⁾ SUB-O2S
Celica 1.6L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, EGR-T, EGR-VM, ⁽³⁾ EGR-VSV, SPK-CC
Celica 2.0L 4-Cyl. Turbo MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-CKV, EVAP-VC, EVAP-BVSV, SUB-TWC, ⁽²⁾ EGR-T, EGR-VM, ⁽³⁾ EGR-VSV, SPK-CC
Celica 2.2L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, ⁽²⁾ SUB-TWC, ⁽²⁾ EGR-T, EGR-VM, ⁽³⁾ EGR-VSV, SPK-CC, ⁽²⁾ SUB-O2S
Corolla 1.6L 4-Cyl. MFI	PCV, EVAP, TWC, FR, ⁽¹⁾ EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, ⁽²⁾ EGR-T, ⁽¹⁾ EGR-VM, ⁽³⁾ EGR-VSV, SPK-CC
Cressida 3.0L 6-Cyl. MFI	PCV, EVAP, ⁽⁴⁾ TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, EGR-CLR, ⁽²⁾ EGR-T, EGR-VM, ⁽³⁾ EGR-VSV, SPK-CC, ⁽²⁾ SUB-O2S
Land Cruiser 4.0L 6-Cyl. MFI	PCV, EVAP, ⁽⁵⁾ TWC, FR, EGR, SPK, AP, ⁽⁵⁾ O2S, CEC, MIL, EVAP-BVSV, ⁽⁶⁾ EVAP-CKV, EVAP-VC, EVAP-VCTV, ⁽²⁾ EGR-T, EGR-VM, ⁽³⁾ EGR-VSV, SPK-CC, AP-ASV, ⁽⁵⁾⁽⁶⁾⁽⁷⁾ AP-CKV, ⁽³⁾ AP-VSV, ⁽²⁾ SUB-O2S
MR2 2.0L 4-Cyl. Turbo MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, ⁽⁶⁾ EVAP-CKV, EVAP-VC, EVAP-BVSV, SUB-TWC, EGR-T, EGR-VM, ⁽³⁾

	EGR-VSV, SPK-CC
MR2 2.2L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, (6)(8) EVAP-CKV, EVAP-VC, (2) EVAP-BVSV, (2) SUB-TWC, (2) EGR-T, EGR-VM, (3) EGR-VSV, SPK-CC, (2) SUB-O2S
Paseo 1.5L 4-Cyl. MFI	PCV, EVAP, TWC, FR, (8) EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-BVSV, (8) EGR-VM, (8) EGR-VSV, (8) EGR-T, SPK-CC
Pickup 2.4L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, PAIR,, O2S, CEC, MIL, EVAP-VC, (9) EGR-BVSV, EGR-CLR, (2) EGR-T, EGR-VM, (2) EGR-VSV, SPK-CC, PAIR-RES, PAIR-RV, (3) PAIR-VSV, (2) SUB-O2S
Pickup & 4Runner 3.0L V6 MFI	PCV, EVAP, TWC, FR, EGR, SPK, PAIR, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, (2) EGR-T, EGR-VM, (3) EGR-VSV, SPK-CC, (6) PAIR-CKV, PAIR-RV, (3) PAIR-VSV
Previa 2.4L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EGR-BVSV, (2) EGR-T, EGR-VM, SPK-CC, SUB-O2S
Supra 3.0L 6-Cyl. MFI	PCV, EVAP, (5) TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, EGR-CLR, (2) EGR-T, EGR-VM, (3) EGR-VSV, SPK-CC, (2) SUB-O2S
Supra 3.0L 6-Cyl. Turbo MFI	PCV, EVAP, (4) TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, EGR-CLR, (2) EGR-T, EGR-VM, (3) EGR-VSV, SPK-CC
(1) Calif. 2WD & all 4WD only. (2) California only. (3) ECU controlled. (4) Equipped with 2 on Calif. models. (5) Equipped with 2. (6) In-line vacuum check valve. (7) Exhaust check valve. (8) A/T & Calif. models only. (9) Federal & Canada only.	

1992-93 TOYOTA (Cont.)

Year, Engine & Fuel System	Emission Control Systems & Devices
1992 (Cont.)	
Tercel 1.5L 4-Cyl. MFI	PCV, EVAP, TWC, FR, (2) EGR, SPK, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, (2) EGR-VM, (2)(6) EGR-VSV, (2) EGR-T, SPK-CC

4Runner 2.4L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, PAIR, O2S, CEC, MIL, EVAP-VC, EGR-CLR, EGR-BVSV, EGR-VM, SPK-CC, ⁽⁷⁾ PAIR- CKV, ⁽⁶⁾ PAIR-VSV, PAIR-RV, PAIR-ES
1993	
Camry 2.2L 4-Cyl. PFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, EVAP-CKV, ⁽¹⁾ SUB-TWC, ⁽¹⁾ EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, ⁽¹⁾ SUB-O2S
Camry 3.0L V [^] PFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽³⁾ O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, EVAP-CKV, ⁽¹⁾ EGR-T, EGR-VM, EGR- BVSV, SPK-CC, ⁽¹⁾ SUB-O2S
Celica 1.6L 4-Cyl. (4A- FE) PFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, EVAP-CKV, ⁽¹⁾ EGR-T, EGR-VM, ⁽²⁾ EGR- VSV, SPK-CC
Celica 2.0L 4-Cyl. Turbo (3S-GTE) PFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, EVAP-CKV, SUB-TWC, ⁽¹⁾ EGR-T, EGR- VM, ⁽²⁾ EGR-VSV, SPK-CC
Celica 2.2L 4-Cyl. (5S- FE) PFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, EVAP-CKV, ⁽¹⁾ SUB-TWC, ⁽¹⁾ EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, ⁽¹⁾ SUB-O2S
Corolla 1.6L (4A-FE) & 1.8L (7A-FE) 4-Cyl. PFI	PCV, EVAP, TWC, FR, ⁽¹⁾ EGR, SPK, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, ⁽¹⁾ EGR-T, ⁽¹⁾ EGR-VM, ⁽¹⁾⁽²⁾ EGR-VSV, SPK-CC, ⁽¹⁾ SUB-O2S
Land Cruiser 4.5L 6- Cyl. PFI	PCV, EVAP, ⁽³⁾ TWC, FR, EGR, SPK, PAIR, ⁽³⁾ O2S, CEC, MIL, EVAP-BVSV, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-CKV, EVAP-VCTV, ⁽¹⁾ EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, PAIR-CKV, PAIR-RES, ⁽²⁾ PAIR- VSV, PAIR-RV, SPK-CC
MR2 2.0L 4-Cyl. (3S- GTE) Turbo PFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, EVAP-CKV, SUB-TWC, ⁽¹⁾ EGR-T, EGR- VM, ⁽²⁾ EGR-VSV, SPK-CC
MR2 2.2L 4-Cyl. (5S- FE) PFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, ⁽¹⁾ SUB-TWC, ⁽¹⁾ EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, ⁽¹⁾ SUB-O2S
Paseo 1.5L 4-Cyl. PFI	PCV, EVAP, TWC, FR, ⁽⁴⁾ EGR, SPK, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, ⁽¹⁾ EGR-T, ⁽⁴⁾ EGR-VM, ⁽²⁾⁽⁴⁾ EGR-VSV, SPK-CC
Pickup 2.4L 4-Cyl. PFI	PCV, EVAP, TWC, FR, EGR, SPK, PAIR, O2S, CEC, MIL, EVAP-VC, ⁽⁵⁾ EGR-BVSV, ⁽¹⁾ EGR-T, EGR-VM, ⁽¹⁾⁽²⁾ EGR-VSV, SPK-CC, PAIR-RV, PAIR-RES, ⁽²⁾ PAIR-VSV, PAIR-CKV, ⁽¹⁾ SUB- O2S
Pickup 3.0L V6 PFI	PCV, EVAP, TWC, FR, EGR, SPK, PAIR, O2S, CEC, MIL,

	EVAP-BVSV, EVAP-VC, ⁽⁶⁾ EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, PAIR-RV, PAIR-RES, ⁽²⁾ PAIR VSV, PAIR-CKV
Previa 2.4L 4-Cyl. PFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EGR-BVSV, ⁽¹⁾ EGR-T, EGR-VM, SPK-CC, SUB-O2S
Supra 3.0L 6-Cyl. (2JZ-GE) PFI	PCV, EVAP, ⁽³⁾ TWC, FR, EGR, SPK, ⁽³⁾ O2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-CKV, EGR-CLR, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, ⁽¹⁾ SUB-O2S
Supra 3.0L 6-Cyl. Turbo (2JZ-GTE) PFI	PCV, EVAP, ⁽³⁾ TWC, FR, EGR, SPK, O2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVA-VC, EVAP-CKV, EGR-CLR, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, SUB-O2S
Tercel 1.5L 4-Cyl. PFI	PCV, EVAP, TWC, FR, ⁽¹⁾ EGR, SPK, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, ⁽¹⁾ EGR-T, ⁽¹⁾ EGR-VM, ⁽¹⁾⁽²⁾ EGR-VSV, SPK-CC
T100 3.0L V6 PFI	PCV, EVAP, TWC, FR, EGR, SPK, PAIR, O2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, ⁽¹⁾ EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, PAIR-PAV, PAIR-RES, ⁽²⁾ PAIR-VSV, PAIR-CKV, ⁽⁷⁾ SUB-O2S
4Runner 2.4L 4-Cyl. PFI	PCV, EVAP, TWC, FR, EGR, SPK, PAIR, O2S, CEC, MIL, EVAP-VC, ⁽⁵⁾ EGR-BVSV, ⁽¹⁾ EGR-T, EGR-VM, ⁽¹⁾⁽²⁾ EGR-VSV, SPK-CC, PAIR-RV, PAIR-RES, ⁽²⁾ PAIR-VSV, PAIR-CKV, ⁽¹⁾ SUB-O2S
4Runner 3.0L V6 PFI	PCV, EVAP, TWC, FR, EGR, SPK, PAIR, O2S, CEC, MIL, EVAP-BVSV, EVAP-VC, ⁽¹⁾ EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, PAIR-RV, PAIR-RES, ⁽²⁾ PAIR-VSV, PAIR-CKV
(1) California only. (2) ECM controlled. (3) Equipped with 2. (4) Federal A/T & all Calif. models. (5) Federal & Canada only. (6) Calif. & all cab/chassis models. (7) Calif. 2WD models only.	

1994 TOYOTA

Year, Engine & Fuel System	Emission Control Systems & Devices
1994	
Camry 2.2L 4-Cyl. MFI/SFI	PCV, EVAP, ⁽¹⁾ TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-CKV, EVAP-TV, EVAP-VC, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, SUB-O2S

Camry 3.0L V6 SFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽³⁾ HO2S, CEC, MIL, EVAP-CKV, EVAP-TV, EVAP-VC, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, SUB-O2S
Celica 1.8L 4-Cyl. (7A-FE) MFI	PCV, EVAP, ⁽¹⁾ TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-CKV, EVAP-TV, EVAP-VC, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, SUB-O2S
Celica 2.2L 4-Cyl. (5S-FE) MFI/SFI	PCV, EVAP, ⁽¹⁾ TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-CKV, EVAP-TV, EVAP-VC, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Corolla 1.6L (4A-FE) & 1.8L (7A-FE) 4-Cyl. MFI	PCV, EVAP, ⁽⁵⁾ TWC, FR, ⁽⁴⁾ EGR, SPK, O2S, CEC, MIL, EVAP-TV, EVAP-VC, ⁽⁴⁾ EGR-T, ⁽⁴⁾ EGR-VM, ⁽²⁾⁽⁴⁾ EGR-VSV, SPK-CC, ⁽⁴⁾ SUB-O2S
Land Cruiser 4.5L 6-Cyl. SFI	PCV, EVAP, ⁽⁶⁾ TWC, FR, EGR, SPK, PAIR, ⁽⁶⁾ HO2S, CEC, MIL, EVAP-TV, ⁽²⁾ EVAP-CKV, EVAP-VSV, EVAP-VC, EVAP-VCTV, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, PAIR-CKV, PAIR-RES, ⁽²⁾ PAIR-VSV, PAIR-RV, SPK-CC
MR2 2.0L 4-Cyl. (3S-GTE) Turbo SFI	PCV, EVAP, ⁽¹⁾ TWC, FR, EGR, SPK, HO2S, CEC, MIL, EVAP-CKV, EVAP-TV, EVAP-VC, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
MR2 2.2L 4-Cyl. (5S-FE) MFI	PCV, EVAP, ⁽⁷⁾ TWC, FR, EGR, SPK, O2S, CEC, MIL, EGR-TV, EVA-VC, ⁽⁴⁾ EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, ⁽⁴⁾ SUB-O2S
Paseo 1.5L 4-Cyl. MFI	PCV, EVAP, TWC, FR, ⁽⁸⁾ EGR, SPK, O2S, CEC, MIL, EVAP-TV, EVAP-VC, ⁽⁸⁾ EGR-T, ⁽⁴⁾ EGR-VM, ⁽²⁾⁽⁸⁾ EGR-VSV, SPK-CC
Pickup 2.4L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, PAIR, HO2S, CEC, MIL, EVAP-VC, ⁽⁹⁾ EGR-TV, EGR-T, EGR-VM, ⁽²⁾⁽⁴⁾ EGR-VSV, SPK-CC, PAIR-RV, PAIR-RES, ⁽²⁾ PAIR-VSV, PAIR-CKV, ⁽⁴⁾ SUB-O2S
Pickup 3.0L V6 MFI	PCV, EVAP, TWC, FR, EGR, SPK, PAIR, HO2S, CEC, MIL, EVAP-TV, EVAP-VC, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, ⁽⁴⁾ SUB-O2S, PAIR-RV, PAIR-RES, ⁽²⁾ PAIR-VSV, PAIR-CKV
Previa 2.4L 4-Cyl. (2TZ-FE) MFI	PCV, EVAP-TWC, FE, EGR, SPK, HO2S, CEC, MIL, EVAP-VC, EGR-TV, EGR-T, EGR-VM, SPK-CC, SUB-O2S
Previa 2.4L 4-Cyl. (2TZ-FEEE) Supercharged MFI	PCV, EVAP, ⁽⁶⁾ TWC, FR, EGR, SPK, HO2S, CEC, MIL, EVAP-VC, ⁽²⁾ EVAP-VSV, ⁽²⁾ EGR-VSV, EGR-T, EGR-VM, SPK-CC, SUB-O2S
Turbo 3.0L 6-Cyl. (2JZ-GE) SFI	PCV, EVAP, ⁽⁶⁾ TWC, FR, EGR, SPK, ⁽¹⁰⁾ O2S, CEC, MIL, ⁽²⁾ EVAP-SV, EVAP-VC, EVAP-CKV, EGR-CLR, EGR-T, EGR-

	VM, ⁽²⁾ EGR-VSV, SPK-CC, ⁽⁴⁾ SUB-O2S
Turbo 6-Cyl. Turbo (2JZ-GTE) SFI	PCV, EVAP, ⁽⁶⁾ TWC, FR, EGR, SPK, HO2S, CEC, MIL, EVAP-CKV, ⁽²⁾ EVAP-VSV, EVAP-VC, EGR-CLR, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, SUB-O2S
Tercel 1.5L 4-Cyl. MFI	PCV, EVAP, TWC, FR, ⁽⁴⁾ EGR, SPK, O2S, CEC, MIL, EVAP-TV, EVAP-VC, ⁽⁴⁾ EGR-T, ⁽⁴⁾ EGR-VM, ⁽²⁾⁽⁴⁾ EGR-VSV, SPK-CC
T100 2.7L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽⁶⁾ HO2S, CEC, MIL, EVAP-CKV, ⁽²⁾ EVAP-VSV, EVAP-VC, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
T100 3.0L V6 MFI	PCV, EVAP, TWC, FR, EGR, SPK, PAIR, HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, PAIR-RV, PAIR-RES, ⁽²⁾ PAIR-VSV, PAIR-CKV, ⁽⁴⁾ SUB-O2S
4Runner 2.4L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, PAIR, HO2S, CEC, MIL, EVAP-VC, ⁽⁹⁾ EGR-TV, EGR-T, EGR-VM, ⁽²⁾⁽⁴⁾ EGR-VSV, SPK-CC, PAIR-RV, PAIR-RES, ⁽²⁾ PAIR-VSV, PAIR-CKV, ⁽⁴⁾ SUB-O2S
4Runner 3.0L V6 MFI	PCV, EVAP, TWC, FR, EGR, SPK, PAIR, HO2S, CEC, MIL, EVAP-TV, EVAP-VC, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, PAIR-RV, PAIR-RES, ⁽²⁾ PAIR-VSV, PAIR-CKV, ⁽⁴⁾ SUB-O2S

(1) One on exhaust manifold & one on exhaust pipe.

(2) Controlled by ECM.

(3) Equipped with 2. One on each bank.

(4) California models only.

(5) One on exhaust pipe on all except Calif. models. One on exhaust manifold & one on exhaust pipe on Calif. models.

(6) Equipped with 2.

(7) One on exhaust pipe & exhaust manifold on Calif. models. All others use only one on exhaust manifold.

(8) Federal A/T & California models.

(9) Federal & Canada models.

(10) Two sensors are used on all models. On Calif. models, HO2S are used.

1995 TOYOTA

Year, Engine & Fuel System	Emission Control Systems & Devices
1995	

Avalon 3.0L V6 SFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽¹⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-TV, ⁽²⁾ EVAP-CKV, EVAP-VC, ⁽³⁾⁽⁴⁾ EVAP-VSV, EGR-T, EGR-VM, ⁽⁴⁾ EGR-VSV, SPK-CC
Camry 2.2L 4-Cyl. MFI/SFI	PCV, EVAP, ⁽⁵⁾ TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-TV, EVAP-CKV, EVAP-VC, EGR-T, EGR-VM, ⁽⁴⁾ EGR- VSV, SPK-CC, SUB-O2S
Camry 3.0L V6 SFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽¹⁾ HO2S, CEC, MIL, EVAP-TV, EVAP-VC, EVAP-CKV, EGR-T, EGR-VM, ⁽⁴⁾ EGR- VSV, SPK-CC
Celica 1.8L 4-Cyl. (7A- FE) MFI	PCV, EVAP, ⁽⁵⁾ TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-TV, EVAP-VC, EVAP-CKV, EGR-T, EGR-VM, ⁽⁴⁾ EGR- VSV, SPK-CC, SUB-O2S
Celica 2.2L 4-Cyl. (5S- FE) MFI/SFI	PCV, EVAP, ⁽⁵⁾ TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-TV, EVAP-VC, EVAP-CKV, EGR-T, EGR-VM, ⁽⁴⁾ EGR- VSV, SPK-CC, SUB-O2S
Corolla 1.6L 4-Cyl. (4A- FE) MFI	PCV, EVAP, ⁽⁶⁾ TWC, FR, ⁽³⁾ EGR, SPK, O2S, CEC, MIL, EVAP-TV, EVAP-VC, ⁽³⁾ EGR-T, ⁽³⁾ EGR-VM, ⁽³⁾⁽⁴⁾ EGR-VSV, SPK-CC, ⁽³⁾ SUB-O2S
Corolla 1.8L 4-Cyl. (7A- FE) SFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-TV, EVAP-VC, EGR-T, EGR-VM, ⁽⁴⁾ EGR-VSV, SPK-CC, ⁽⁷⁾ SUB-O2S
Land Cruiser 4.5L 6-Cyl. SFI	PCV, EVAP, ⁽⁸⁾ TWC, FR, EGR, SPK, ⁽⁹⁾ HO2S, CEC, MIL, EVAP-TV, EVAP-VCTV, EVAP-VC, EVAP-CKV, EVAP-VCTV, EGR-T, EGR-VM, ⁽⁴⁾ EGR-VSV, SPK-CC
MR2 2.0L 4-Cyl. (3S- GTE) Turbo SFI	PCV, EVAP, ⁽⁵⁾ TWC, FR, EGR, SPK, HO2S, CEC, MIL, EVAP-TV, EVAP-VC, EVAP-CKV, EGR-T, EGR-VM, ⁽⁴⁾ EGR- VSV, SPK-CC
MR2 2.2L 4-Cyl. (5S-FE) MFI	PCV, EVAP, ⁽¹⁰⁾ TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-TV, EVAP-VC, EGR-T, EGR-VM, ⁽⁴⁾ EGR-VSV, SPK-CC, ⁽³⁾ SUB-O2S
Paseo 1.5L 4-Cyl. MFI	PCV, EVAP, TWC, FR, ⁽¹¹⁾ EGR, SPK, ⁽²⁾ O2S, ⁽³⁾ HO2S, CEC, MIL, EVAP-TV, EVAP-VC, ⁽¹¹⁾ EGR-T, ⁽¹¹⁾ EGR-VM, ⁽⁴⁾⁽¹¹⁾ EGR-VSV, SPK-CC, ⁽³⁾⁽⁷⁾ SUB-O2S
Pickup 2.4L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, HO2S, CEC, MIL, EVAP-VC, ⁽²⁾ EGR-TVV, EGR-CLR, EGR-T, EGR-VM, ⁽³⁾⁽⁴⁾ EGR- VSV, SPK-CC, ⁽³⁾⁽⁷⁾ SUB-O2S
Pickup 3.0L V6 MFI	PCV, EVAP, TWC, FR, EGR, SPK, PAIR, HO2S, CEC, MIL, EVAP-TV, EVAP-VC, EGR-T, EGR-VM, ⁽⁴⁾ EGR-VSV, SPK-CC, ⁽³⁾

	(7) SUB-O2S, PAIR-RV, PAIR-RES, (4) PAIR-VSV, PAIR-CKV
Previa 2.4L 4-Cyl. (2TZ-FE) MFI	PCV, EVAP, TWC, FR, EGR, SPK, HO2S, CEC, MIL, EVAP-VC, EGR-TVV, EGR-T, EGR-VM, SPK-CC, SUB-O2S
Previa 2.4L (2TZ-FEEE) Supercharged MFI	PCV, EVAP, (8) TWC, FR, EGR, SPK, (8) HO2S, CEC, MIL, EVAP-VC, (4) EVAP-VSV, (4) EGR-VSV, EGR-T, EGR-VM, EGR-CKV, SPK-CC
Supra 3.0L 6-Cyl. (2JZ-GE) SFI	PCV, EVAP, (8) TWC, FR, EGR, SPK, (12) O2S, CEC, MIL, (4) EVAP-VSV, EVAP-VC, EVAP-CKV, EGR-CLR, EGR-T, EGR-VM, (4) EGR-SU, SPK-CC, (3)(7) SUB-O2S
Supra 3.0L 6-Cyl. Turbo (2JZ-GTE) SFI	PCV, EVAP, (8) TWC, FR, EGR, SPK, HO2S, CEC, MIL, (4) EVAP-VSV, EVAP-VC, EVAP-CKV, EGR-CLR, EGR-T, EGR-VM, (4) EGR-VSV, SPK-CC, (7) SUB-O2S
Tacoma 2.4L & 2.7L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, (9) HO2S, CEC, MIL, (4) EVAP-VSV, EVAP-VC, EGR-T, EGR-VM, (13) EGR-CKV, SPK-CC
Tacoma 3.4L V6 SFI	PCV, EVAP, TWC, FR, (14) EGR, SPK, (9) HO2S, CEC, MIL, (4) EVAP-VSV, EVAP-VC, (14) EGR-T, (14) EGR-VM, (14) EGR-VSV, SPK-CC
Tercel 1.5L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, HO2S, CEC, MIL, EVAP-TV, EVAP-VC, EGR-VM, (4) EGR-VSV, SPK-CC, (7) SUB-O2S
T100 2.7L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, (9) HO2S, CEC, MIL, (4) EVAP-VSV, EVAP-VC, EGR-T, EGR-VM, (4) EGR-VSV, (13) EGR-CKV, SPK-CC
T100 3.4L V6 MFI	PCV, EVAP, TWC, FR, (14) EGR, SPK, (9) HO2S, CEC, MIL, (4) EVAP-VSV, EVAP-VC, (14) EGR-T, (14) EGR-VM, (4)(14) EGR-VSV, SPK-CC
4Runner 2.4L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, PAIR, HO2S, CEC, MIL, EVAP-VC, (1) EGR-TVV, EGR-CLR, EGR-T, EGR-VM, (2)(3) EGR-VSV, SPK-CC, PAIR-RV, PAIR-RES, (3) PAIR-VSV, PAIR-CSV, (2) (4) SUB-O2S
4Runner 3.0L V6 MFI	PCV, EVAP-TWC, FR, EGR, SPK, PAIR, HO2S, CEC, MIL, EVAP-TV, EVAP-VC, EGR-T, EGR-VM, (3) EGR-VSV, SPK-CC, PAIR-RV, PAIR-RES, (3) PAIR-VSV, PAIR-CKV, (2)(4) SUB-O2S

(1) One on each bank.& one on exhaust pipe, behind catalytic converter.

(2) Except Calif. emissions.

(3) California emissions.

(4) Controlled by ECM.

- (5) One on exhaust manifold & one on exhaust pipe.
- (6) One on exhaust manifold & one on exhaust pipe on Calif. models. One on exhaust pipe on all except Calif. models
- (7) Heated sensor.
- (8) Equipped with 2.
- (9) One on exhaust pipe in front of catalytic converter & one on exhaust pipe behind catalytic converter.
- (10) One on exhaust pipe & manifold on Calif. models. All others use only one on exhaust manifold.
- (11) Used on all Calif. models & only on A/T except Calif. models.
- (12) Equipped with 2 on all models. On Calif. models, HO2S are used.
- (13) A/T only.
- (14) Applies to all 2WD & 4WD regular cab models.

1996 TOYOTA

Year, Engine & Fuel System	Emission Control Systems & Devices
1996	
Avalon 3.0L V6 SFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽⁴⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Camry 2.2L 4-Cyl. SFI	PCV, EVAP, ⁽⁵⁾ TWC, FR, EGR, SPK, ⁽⁷⁾ O2S, CEC, MIL, ⁽¹⁰⁾ EVAP-CKV, ⁽¹⁰⁾ EVAP-TVV, ⁽¹¹⁾ EVAP-VPS, ⁽²⁾⁽¹¹⁾ EVAP-VSV, ⁽²⁾⁽¹¹⁾ EVAP-VPSVSV, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Camry 3.0L V6 SFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽⁴⁾ HO2S, CEC, MIL, EVAP-TVV, EVAP-CKV, EVAP-VC, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Celica 1.8L 4-Cyl. (7A-FE) SFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽¹²⁾ O2S, CEC, MIL, EVAP-CKV, EVAP-TVV, EVAP-VC, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Celica 2.2L 4-Cyl. (5S-FE) SFI	PCV, EVAP, ⁽⁵⁾ TWC, FR, EGR, SPK, ⁽⁷⁾ O2S, CEC, MIL, EVAP-CKV, EVAP-TVV, EVAP-VC, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Corolla 1.6L (4A-FE) & 1.8L (7A-FE) 4-Cyl. SFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽⁶⁾⁽¹²⁾ O2S, CEC, MIL, EVAP-TVV, EVAP-VC, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Land Cruiser 4.5L 6-Cyl. SFI	PCV, EVAP, ⁽⁶⁾ TWC, FR, EGR, SPK, ⁽¹³⁾ HO2S, CEC, MIL, EVAP-CKV, EVAP-TVV, EVAP-VC, EVAP-VCTV, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Paseo 1.5L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽⁵⁾ HO2S, CEC, MIL,

	EVAP-TVV, EVAP-VC, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Previa 2.4L 4-Cyl. MFI	PCV, EVAP, ⁽¹²⁾ TWC, FR, EGR, SPK, ⁽⁷⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EGR-CKV, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
RAV4 2.0L 4-Cyl. SFI	PCV, EVAP, ⁽⁵⁾ TWC, FR, EGR, SPK, ⁽⁷⁾ O2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Supra 3.0L 6-Cyl. (2JZ-GE) SFI	PCV, EVAP, ⁽⁶⁾ TWC, FR, EGR, SPK, ⁽¹⁴⁾ HO2S, CEC, MIL, EVAP-CKV, ⁽¹⁾ EVAP-VSV, EVAP-VC, EGR-CLR, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Supra 3.0L 6-Cyl. Turbo (2JZ-GTE) SFI	PCV, EVAP, ⁽⁶⁾ TWC, FR, EGR, SPK, HO2S, CEC, MIL, EVAP-CKV, ⁽²⁾ EVAP-VSV, EVAP-VC, EGR-CLR, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, ⁽³⁾ SUB-O2S
Tacoma 2.4L 4-Cyl. (2RZ-FE) MFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽⁷⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-SV, EVAP-VC, ⁽²⁾ EGR-CKV, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Tacoma 2.7L 4-Cyl. (3RZ-FE) MFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽⁷⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, EGR-CKV, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Tacoma 3.4L V6 SFI	PCV, EVAP, TWC, FR, ⁽⁸⁾ EGR, SPK, ⁽⁷⁾ HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VSV, ⁽⁸⁾ EGR-T, ⁽⁸⁾ EGR-VM, ⁽⁸⁾ EGR-VSV, SPK-CC
Tercel 1.5L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽⁵⁾ HO2S, CEC, MIL, EVAP-TVV, EVA-VC, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
T100 2.7L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽⁷⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, ⁽¹¹⁾ EGR-CKV, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
T100 3.4L V6 SFI	PCV, EVAP, TWC, FR, ⁽⁹⁾ EGR, SPK, ⁽⁷⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, ⁽⁹⁾ EGR-T, ⁽⁹⁾ EGR-VM, ⁽²⁾⁽⁹⁾ EGR-VSV, SPK-CC
4Runner 2.7L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽⁷⁾ HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, ⁽¹¹⁾ EGR-CKV, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
4Runner 3.4L V6 SFI	PCV, EVAP, TWC, FR, SPK, ⁽⁷⁾ HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, SPK-CC
(1) Calif. emission vehicles. (2) Controlled by ECM.	

- (3) Heated sensor.
- (4) One on each bank & one on exhaust pipe, behind catalytic converter.
- (5) One on each manifold & one on exhaust pipe.
- (6) Equipped with 2.
- (7) One on exhaust pipe in front of catalytic converter & one on exhaust pipe behind catalytic converter.
- (8) All 2WD & 4WD regular cab models.
- (9) 2WD 1/2 ton models & Regular Cab.
- (10) M/T only.
- (11) A/T only.
- (12) Non-heated sensor is used on exhaust manifold before catalytic converter. Heated sensor is used behind catalytic converter.
- (13) One on exhaust pipe in front of front catalytic converter & one on exhaust pipe behind rear catalytic converter.
- (14) Equipped with 3. One on each exhaust manifold in front of front catalytic converter & one on exhaust pipe behind front catalytic converter.

1997 TOYOTA

Year, Engine & Fuel System	Emission Control Systems & Devices
1997	
Avalon 3.0L V6 SFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽¹⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, EGR- T, EGR-VCV, EGR-PS, ⁽²⁾ EGR-VSV, SPK-CC
Camry 2.2L 4-Cyl. SFI	PCV, EVAP, ⁽³⁾ TWC, FR, EGR, SPK, ⁽⁴⁾ AFS, ⁽⁵⁾ HO2S, CEC, MIL, ⁽⁶⁾ EVAP-TVV, ⁽²⁾⁽⁷⁾ EVAP-VSV, EVAP-VC, ⁽⁶⁾ EVAP-CKV, ⁽⁷⁾ EVAP-VPS, ⁽²⁾⁽⁷⁾ EVAP-VPSVSV, EGR-VM, ⁽²⁾ EGR-VSV, SPK- CC
Camry 3.0L V6 SFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽¹⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, EGR- T, EGR-VSV, EGR-PS, ⁽²⁾ EGR-VSV, SPK-CC
Celica 1.8L 4-Cyl. (7A-FE) SFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽⁸⁾ O2S, CEC, MIL, EVAP-TVV, EVAP-VC, EVAP-CKV, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Celica 2.2L 4-Cyl. (5S-FE) SFI	PCV, EVAP, ⁽⁹⁾ TWC, FR, EGR, SPK, ⁽¹⁰⁾ O2S, CEC, MIL, EVAP-TVV, EVAP-VC, EVAP-CKV, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Corolla 1.6L (4A-FE) &	PCV, EVAP, TWC, FR, EGR, SPK, ⁽⁸⁾ O2S, CEC, MIL,

1.8L (7A-FE) 4-Cyl. SFI	EVAP-TVV, EVAP-VC, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Land Cruiser 4.5L 6-Cyl. SFI	PCV, EVAP, ⁽¹¹⁾ TWC, FR, EGR, SPK, ⁽¹²⁾ HO2S, CEC, MIL, EVAP-TVV, EVAP-VC, EVAP-CKV, EVAP-VCTV, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Paseo 1.5L 4-Cyl. SFI	PCV, EVAP, TWC, FR, SPK, ⁽¹³⁾ O2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, SPK-CC
Previa 2.4L 4-Cyl. MFI	PCV, EVAP, ⁽¹¹⁾ TWC, FR, EGR, SPK, ⁽¹⁴⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, EGR-CKV, SPK-CC
RAV4 2.0L 4-Cyl. SFI	PCV, EVAP, ⁽⁹⁾ TWC, FR, EGR, SPK, ⁽¹⁰⁾ O2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Supra 3.0L 6-Cyl. (2JZ-GE) SFI	PCV, EVAP, ⁽¹¹⁾ TWC, FR, EGR, SPK, ⁽¹⁵⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-CKV, EGR-CLR, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Supra 3.0L 6-Cyl. Turbo (2JZ-GTE) SFI	PCV, EVAP, ⁽¹¹⁾ TWC, FR, EGR, SPK, ⁽¹⁶⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-CKV, EGR-CLR, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Tacoma 2.4L 4-Cyl. (2RZ-FE) MFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽¹⁴⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, ⁽⁷⁾ EGR-CKV, SPK-CC
Tacoma 2.7L 4-Cyl. (3RZ-FE) SFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽¹⁴⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, ⁽⁷⁾ EGR-CKV, SPK-CC
Tacoma 3.4L V6 SFI	PCV, EVAP, TWC, FR, ⁽¹⁷⁾ EGR, SPK, ⁽¹⁴⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽¹⁷⁾ EGR-T, ⁽¹⁷⁾ EGR-VM, ⁽¹⁷⁾ EGR-VSV, SPK-CC
Tercel 1.5L 4-Cyl. SFI	PCV, EVAP, TWC, FR, SPK, ⁽¹³⁾ O2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, SPK-CC
T100 2.7L 4-Cyl. MFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽¹⁴⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, ⁽⁷⁾ EGR-CKV, SPK-CC
T100 3.4L V6 SFI	PCV, EVAP, TWC, FR, ⁽¹⁸⁾ EGR, SPK, ⁽¹⁴⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽¹⁸⁾ EGR-T, ⁽¹⁸⁾ EGR-VM, ⁽²⁾⁽¹⁸⁾ EGR-VSV, SPK-CC
4Runner 2.7L 4-Cyl. SFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽¹⁴⁾ HO2S, CEC, MIL,

	(2) EVAP-VSV, EVAP-VC, EVAP-VPS, (2) EVAP-VPSVSV, EGR-T, EGR-VM, (2) EGR-VSV, (7) EGR-CKV, SPK-CC
4Runner 3.4L V6 SFI	PCV, EVAP, TWC, FR, SPK, (14) HO2S, CEC, MIL, (2) EVAP-VSV, EVAP-VC, EVAP-VPS, (2) EVAP-VPSVSV, SPK-CC

- (1) One on each bank & one on exhaust pipe, behind catalytic converter.
- (2) Controlled by ECM.
- (3) On Calif. emissions, one on exhaust manifold & one on exhaust pipe. On except Calif. emissions, one on exhaust pipe.
- (4) Calif. emissions only. HO2S mounted on exhaust manifold above catalytic converter.
- (5) On Calif. emissions, one on exhaust pipe behind catalytic converter. On except Calif. emissions, one on exhaust manifold & one on exhaust pipe behind catalytic converter.
- (6) M/T models only.
- (7) A/T models only.
- (8) Non-heated sensor is used on exhaust pipe before catalytic converter. Heated sensor is used on exhaust pipe behind catalytic converter.
- (9) One on exhaust manifold & one on exhaust pipe.
- (10) One on exhaust manifold before front catalytic converter & one on bottom of front catalytic converter.
- (11) Equipped with 2.
- (12) One on exhaust pipe in front of catalytic converter & one on exhaust pipe behind rear catalytic converter.
- (13) Non-heated sensor is used on exhaust manifold. Hated sensor is used on exhaust pipe behind catalytic converter.
- (14) One on exhaust pipe in front of front catalytic converter & one on exhaust pipe behind front catalytic converter.
- (15) Equipped with 3. One on each exhaust manifold ahead of front catalytic converter & one on exhaust pipe behind front catalytic front catalytic converter.
- (16) One on exhaust gas control valve assembly on rear of turbocharger & one on exhaust pipe in front of rear catalytic converter.
- (17) Applies to all 2WD models & 4WD regular cab models.
- (18) Applies to 2WD 1/2 ton models & Regular Cab.

1998 TOYOTA

Year, Engine & Fuel System	Emission Control Systems & Devices
1998	

Avalon 3.0L V6 SFI	PCV, EVAP, ⁽¹⁾ TWC, ⁽²⁾ WU-TWC, FR, EGR, SPK, ⁽³⁾ AFS, ⁽⁴⁾ HO2S, CEC, MIL, ⁽⁵⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽⁵⁾ EVAP-VPSVSV, EGR-T, EGR-VCV, EGR-PS, ⁽⁵⁾ EGR-VSV, SPK-CC
Camry 2.2L 4-Cyl. SFI	PCV, EVAP, ⁽⁶⁾ TWC, FR, EGR, SPK, ⁽⁷⁾ AFS, ⁽⁸⁾ HO2S, CEC, MIL, ⁽⁵⁾ EVAP-VSV, EVAP-VC, ⁽⁵⁾ EVAP-VPS, ⁽⁵⁾ EVAP-VPSVSV, ORVR-COV, ORVR-OCKV, EGR-VM, ⁽⁵⁾ EGR-VSV, SPK-CC
Camry 3.0L V6 SFI	PCV, EVAP, ⁽¹⁾ TWC, ⁽⁹⁾ WU-TWC, FR, EGR, SPK, ⁽¹⁰⁾ AFS, ⁽¹¹⁾ HO2S, CEC, MIL, ⁽⁵⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽⁵⁾ EVAP-VPSVSV, EGR-T, EGR-VCV, EGR-PS, ⁽⁵⁾ EGR-VSV, SPK-CC
Celica 2.2L 4-Cyl. SFI	PCV, EVAP, ⁽¹²⁾ TWC, FR, EGR, SPK, ⁽¹³⁾ O2S, CEC, MIL, ⁽¹⁴⁾ EVAP-TVV, ⁽⁵⁾⁽¹⁵⁾ EVAP-VSV, EVAP-VC, ⁽¹⁴⁾ EVAP-CKV, ⁽¹⁴⁾ EVAP-VPS, ⁽⁵⁾⁽¹⁵⁾ EVAP-VPSVSV, EGR-VM, ⁽⁵⁾ EGR-VSV, SPK-CC
Corolla 1.8L 4-Cyl. SFI	PCV, EVAP, TWC, FR, SPK, ⁽¹⁶⁾ HO2S, CEC, MIL, ⁽⁵⁾ EVAP-VSV, EVAP-VC, ⁽⁵⁾ EVAP-VPS, ⁽⁵⁾ EVAP-VPSVSV, ORVR-COV, ORVR-OCKV, SPK-CC
Land Cruiser 4.7L V8 SFI	PCV, EVAP, ⁽¹⁷⁾ TWC, FR, SPK, ⁽¹⁸⁾ HO2S, CEC, MIL, ⁽⁵⁾ EVAP-VSV, EVAP-VC, ⁽⁵⁾ EVAP-VPS, ⁽⁵⁾ EVAP-VPSVSV, SPK-CC
RAV4 2.0L 4-Cyl. SFI	PCV, EVAP, ⁽⁶⁾ TWC, FR, EGR, SPK, ⁽⁷⁾ AFS, ⁽⁸⁾ HO2S, CEC, MIL, ⁽⁵⁾ EVAP-VSV, EVAP-VC, ⁽⁵⁾ EVAP-VPS, ⁽⁵⁾ EVAP-VPSVSV, EGR-VM, ⁽⁵⁾ EGR-VSV, SPK-CC
Sienna 3.0L V6 SFI	PCV, EVAP, TWC, FR, SPK, ⁽¹⁹⁾ HO2S, CEC, MIL, ⁽⁵⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽⁵⁾ EVAP-VPSVSV, SPK-CC
Supra 3.0L 6-Cyl. SFI	PCV, EVAP, ⁽¹⁷⁾ TWC, FR, SPK, ⁽¹⁸⁾ HO2S, CEC, MIL, ⁽⁵⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽⁵⁾ EVAP-VPSVSV, SPK-CC
Supra 3.0L 6-Cyl. Turbo SFI	PCV, EVAP, ⁽¹⁷⁾ TWC, FR, EGR, SPK, ⁽²⁰⁾ HO2S, CEC, MIL, ⁽⁵⁾ EVAP-VSV, EVAP-VC, EVAP-CKV, EGR-CLR, EGR-T, EGR-VM, ⁽⁵⁾ EGR-VSV, SPK-CC
Tacoma 2.4L & 2.7L 4-Cyl. SFI	PCV, EVAP, TWC, FR, EGR, SPK, ⁽¹⁶⁾ HO2S, CEC, MIL, ⁽⁵⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽⁵⁾ EVAP-VPSVSV, EGR-T, EGR-VM, ⁽⁵⁾ EGR-VSV, ⁽²¹⁾ EGR-CKV, SPK-CC
Tacoma 3.4L V6 SFI	PCV, EVAP, TWC, FR, ⁽²²⁾ EGR, SPK, ⁽¹⁶⁾ HO2S, CEC, MIL, ⁽⁵⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽⁵⁾ EVAP-VPSVSV, ⁽²²⁾ EGR-T, ⁽²²⁾ EGR-VM, ⁽⁵⁾⁽²²⁾ EGR-VSV, SPK-CC
Tercel 1.5L 4-Cyl. SFI	PCV, EVAP, TWC, FR, SPK, ⁽²³⁾ O2S, CEC, MIL, ⁽⁵⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽⁵⁾ EVAP-VPSVSV, SPK-CC
T100 2.7L 4-Cyl.	PCV, EVAP, TWC, FR, EGR, SPK, ⁽¹⁶⁾ HO2S, CEC, MIL,

SFI	(5) EVAP-VSV, EVAP-VC, EVAP-VPS, (5) EVAP-VPSVSV, EGR-T, EGR-VM, (5) EGR-VSV, (21) EGR-CKV, SPK-CC
T100 3.4L V6 SFI	PCV, EVAP, TWC, FR, (24) EGR, SPK, (16) HO2S, CEC, MIL, (5) EVAP-VSV, EVAP-VC, EVAP-VPS, (5) EVAP-VPSVSV, (24) EGR-T, (24) EGR-VM, (5)(24) EGR-VSV, SPK-CC
4Runner 2.7L 4-Cyl. SFI	PCV, EVAP, TWC, FR, EGR, SPK, (16) HO2S, CEC, MIL, (5) EVAP-VSV, EVAP-VC, EVAP-VPS, (5) EVAP-VPSVSV, EGR-T, EGR-VM, (5) EGR-VSV, (21) EGR-CKV, SPK-CC
4Runner 3.4L V6 SFI	PCV, EVAP, TWC, FR, SPK, (16) HO2S, CEC, MIL, (5) EVAP-VSV, EVAP-VC, EVAP-VPS, (2) EVAP-VPSVSV, SPK-CC

- (1) One on exhaust pipe on all models.
- (2) Calif. emission vehicles only. One on each bank below exhaust manifold.
- (3) Calif. emission vehicles only. One heated sensor on each exhaust manifold.
- (4) On Calif. emission vehicles, one on exhaust pipe behind catalytic converter. On all other vehicles, one on each exhaust manifold & one on exhaust pipe behind catalytic converter.
- (5) ECM controlled.
- (6) On Calif. emission vehicles, one on exhaust manifold & one on exhaust pipe. On all other vehicles, one on exhaust pipe.
- (7) Calif. emission vehicles only. HO2S on exhaust manifold above catalytic converter.
- (8) On Calif. emission vehicles, one on exhaust pipe behind catalytic converter. On all other vehicles, one near exhaust manifold & one on exhaust pipe behind catalytic converter.
- (9) Calif. emission vehicles with A/T only. One on each bank below exhaust manifold.
- (10) Calif. emission vehicles with A/T only. HO2S on each exhaust manifold.
- (11) On Calif. emission vehicles with A/T, one on exhaust pipe behind catalytic converter. On all other vehicles with A/T, one on each exhaust manifold & one on exhaust pipe behind catalytic converter..
- (12) One on exhaust & one on exhaust pipe.
- (13) One on exhaust manifold before front catalytic converter & one on bottom of front catalytic converter.
- (14) Except Calif. emission vehicles only.
- (15) Calif. emission vehicles only.
- (16) One on exhaust pipe before catalytic converter & one on exhaust pipe behind catalytic converter.
- (17) Equipped with 2.
- (18) Equipped with 4. One on each exhaust manifold & one on each exhaust pipe behind catalytic converter.
- (19) One on each exhaust manifold & one on exhaust pipe behind catalytic converter.

- (20) One on exhaust gas control valve assembly on rear of turbocharger & one on exhaust pipe in front of rear catalytic converter.
- (21) A/T models only.
- (22) All 2WD & 4WD regular cab models.
- (23) Non-heated sensor is used on exhaust manifold. Heated sensor is used on exhaust pipe behind catalytic converter.
- (24) 2WD 1/2 ton models & Regular Cab.

1999 TOYOTA

Year, Engine & Fuel System	Emission Control Systems & Devices
1999	
Avalon 3.0L V6 SFI	PCV, EVAP, TWC, ⁽¹⁾ WU-TWC, FR, EGR, SPK, HO2S, CEC, MIL EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, ORVR-COV, ORVR-OCKV, EGR-PS, EGR-T, EGR-VCV, ⁽²⁾ EGR-VSV, SPK-CC, ⁽¹⁾ AFS
Camry & Camry Solara 2.2L 4-Cyl. SFI	PCV, EVAP, TWC, FR, EGR, SPK, HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, ORVR-COV, ORVR-OCKV, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, ⁽¹⁾ AFS
Camry & Camry Solara 3.0L V6 SFI	PCV, EVAP, TWC, ⁽³⁾ WU-TWC, FR, EGR, SPK, HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, ORVR-COV, ORVR-OCKV, EGR-PS, EGR-T, EGR-VCV, ⁽²⁾ EGR-VSV, SPK-CC, ⁽³⁾ AFS
Celica 2.2L 4-Cyl. SFI	PCV, EVAP, TWC, FR, EGR, SPK, O2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VSV, ⁽²⁾ EVAP-VPSVSV, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Corolla 1.8L 4-Cyl. SFI	PCV, EVAP, TWC, FR, SPK, HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-SV, ORVR-COV, ORVR-OCKV, SPK-CC
Land Cruiser 4.7L V8 SFI	PCV, EVAP, ⁽⁴⁾ TWC, FR, EGR, SPK, ⁽⁵⁾ HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, SPK-CC
RAV4 2.0L 4-Cyl. SFI	PCV, EVAP, TWC, FR, EGR, SPK, HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC, ⁽¹⁾ AFS
Sienna 3.0L V6 SFI	PCV, EVAP, TWC, ⁽¹⁾ WU-TWC, FR, EGR, SPK, HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, SPK-CC, ⁽¹⁾ AFS
Tacoma 2.4L & 2.7L 4-Cyl. SFI	PCV, EVAP, TWC, FR, EGR, SPK, HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, ⁽⁶⁾ EGR-

	CKV, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Tacoma 3.4L V6 SFI	PCV, EVAP, TWC, FR, SPK, HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, SPK-CC
Tundra 3.4L V6 SFI	PCV, EVAP, TWC, FR, SPK, HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, SPK-CC, ⁽¹⁾ AFS
Tundra 4.7L V8 SFI	PCV, EVAP, TWC, FR, SPK, ⁽⁵⁾ HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, SPK-CC
4Runner 2.7L 4-Cyl. SFI	PCV, EVAP, TWC, FR, EGR, SPK, HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, ⁽⁶⁾ EGR- CKV, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
4Runner 3.4L V6 SFI	PCV, EVAP, TWC, FR, SPK, HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, SPK-CC, ⁽¹⁾ AFS
(1) Calif. emission vehicles only. (2) ECM controlled. (3) Calif. emission vehicles with A/T only. (4) Equipped with 2. (5) Equipped with 4. (6) A/T models only.	

2000 TOYOTA

Year, Engine & Fuel System	Emission Control Systems & Devices
2000	
Avalon 3.0L V6 SFI	PCV, EVAP, TWC, ⁽¹⁾ WU-TWC, FR, SPK, ⁽¹⁾ AFS, HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, ⁽²⁾ EVAP-VSV, EVAP-VST, EVAP- VPS, EVAP-VC, ORVR-OCKV, ORVR-COV, SPK-CC
Camry 2.2L 4-Cyl. SFI (CNG)	PCV, EVAP, ⁽¹⁾ TWC, FR, EGR, SPK, AFS, HO2S, CEC, MIL, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Camry 2.2L 4-Cyl. SFI	PCV, EVAP, ⁽³⁾ TWC, FR, EGR, SPK, ⁽⁴⁾ AFS, ⁽⁵⁾ HO2S, CEC, MIL, EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VPS, ⁽²⁾ EVAP-VSV, EVAP- VC, ORVR-COV, ORVR-OCKV, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Camry 3.0L V6 SFI	PCV, EVAP, TWC, ⁽⁶⁾ WU-TWC, FR, EGR, SPK, ⁽⁴⁾ AFS, ⁽⁷⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VPS, ⁽²⁾ EVAP-VSV, EVAP- VC, ORVR-COV, ORVR-OCKV, EGR-PS, EGR-T, EGR-VCV, ⁽²⁾ EGR-VSV, SPK-CC

Camry Solara 2.2L 4-Cyl. SFI	PCV, EVAP, ⁽³⁾ TWC, FR, EGR, SPK, ⁽⁴⁾ AFS, ⁽⁵⁾ HO2S, CEC, MIL, EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VPS, ⁽²⁾ EVAP-VSV, EVAP- VC, ORVR-COV, ORVR-OCKV, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Camry Solara 3.0L V6 SFI	PCV, EVAP, TWC, ⁽⁶⁾ WU-TWC, FR, EGR, SPK, ⁽⁴⁾ AFS, ⁽⁷⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VPS, ⁽²⁾ EVAP-VSV, EVAP- VC, ORVR-COV, ORVR-OCKV, EGR-PS, EGR-T, EGR-VCV, ⁽²⁾ EGR-VSV, SPK-CC
Celica 1.8L 4- Cyl. SFI	PCV, EVAP, TWC, FR, SPK, ⁽¹⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VSV, EVAP-VC, EVAP- VPS, ORVR-COV, ORVR-OCKV, SPK-CC
Corolla 1.8L 4- Cyl. SFI	PCV, EVAP, TWC, FR, SPK, ⁽¹⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VSV, EVAP-VC, EVAP- VPS, ORVR-COV, ORVR-OCKV, SPK-CC
Echo 1.5L 4-Cyl. SFI	PCV, EVAP, TWC, FR, SPK, ⁽¹⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, EVAP-VPS, EVAP-VSV, EVAP-VC, ORVR-COV, ORVR-OCKV, SPK-CC
Land Cruiser 4.7L V8 SFI	PCV, EVAP, ⁽¹⁾ TWC, FR, SPK, ⁽⁸⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, SPK-CC
RAV4 2.0L 4- Cyl.. SFI	PCV, EVAP, ⁽³⁾ TWC, FR, EGR, SPK, ⁽⁴⁾ AFS, ⁽⁵⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Sienna 3.0L V6 SFI	PCV, EVAP, TWC, ⁽⁴⁾ WU-TWC, FR, SPK, ⁽⁴⁾ AFS, ⁽⁷⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-SV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, SPK-CC
Tacoma 2.4L 4- Cyl. SFI	PCV, EVAP, TWC, ⁽⁴⁾ WU-TWC, FR, ⁽⁴⁾ EGR, SPK, ⁽⁴⁾ AFS, ⁽⁷⁾ HO2S, CEC, MIL, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, EVAP-VC, ⁽⁴⁾⁽⁹⁾ EGR-CKV, ⁽⁴⁾ EGR-T, ⁽⁴⁾ EGR-VM, ⁽²⁾⁽⁴⁾ EGR-VSV, SPK-CC
Tacoma 2.7L 4- Cyl. SFI	PCV, EVAP, TWC, ⁽⁴⁾ WU-TWC, FR, EGR, SPK, ⁽⁴⁾ AFS, ⁽⁷⁾ HO2S, CEC, MIL, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, EVAP-VC, ⁽⁴⁾⁽⁹⁾ EGR-CKV, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Tacoma 3.4L V6 SFI	PCV, EVAP, TWC, ⁽¹⁰⁾ WU-TWC, FR, SPK, ⁽⁴⁾ AFS, ⁽¹¹⁾ HO2S, CEC, MIL, EVAP-VPS, ⁽²⁾ EVAP-VSV, EVAP-VC, ⁽²⁾ EVAP-VPSVSV, SPK-CC
Tundra 3.4L V6 SFI	PCV, EVAP, TWC, ⁽⁴⁾ WU-TWC, FR, SPK, ⁽⁴⁾ AFS, ⁽¹¹⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, SPK-CC
Tundra 4.7L V8	PCV, EVAP, ⁽¹²⁾ TWC, FR, SPK, ⁽⁸⁾ HO2S, CEC, MIL,

SFI	EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, EVAP-VSV, SPK-CC
4Runner 2.7L 4-Cyl. SFI	PCV, EVAP, TWC, ⁽⁴⁾ WU-TWC, FR, EGR, SPK, ⁽⁴⁾ AFS, ⁽¹¹⁾ HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, ⁽⁹⁾ EGR-CKV, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
4Runner 3.4L V6 SFI	PCV, EVAP, TWC, ⁽⁴⁾ WU-TWC, FR, SPK, ⁽⁴⁾ AFS, ⁽¹¹⁾ HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, SPK-CC
(1) Equipped with 2. (2) ECM controlled. (3) On Calif. emission vehicles, one on exhaust manifold & one on exhaust pipe. On all other models, one on exhaust pipe. (4) Calif. emission vehicles only. (5) On Calif. emission vehicles, one behind catalytic converter. On all other models, one near exhaust manifold & one behind catalytic converter. (6) Calif. emission vehicles with A/T only. (7) On Calif. emission vehicles, one behind catalytic converter. On all other models, one on each exhaust manifold & one behind catalytic converter. (8) Equipped with 4. (9) A/T models only. (10) 2WD & 4WD Calif. vehicles. (11) On Calif. emission vehicles, one behind catalytic converter. On all other models, one in front & one behind catalytic converter. (12) On Calif. emission vehicles, one on each exhaust pipe near exhaust manifold & one on rear exhaust pipe. On all other models, one on each pipe near exhaust manifold.	

2001 TOYOTA

Year, Engine & Fuel System	Emission Control Systems & Devices
2001	
Avalon 3.0L V6 SFI	PCV, EVAP, TWC, ⁽¹⁾ WU-TWC, FR, SPK, ⁽¹⁾ AFS, ⁽¹⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VC, EVAP-VPS, EVAP-VST, ⁽²⁾ EVAP-VSV, ORVR-COV, ORVR-OCKV, SPK-CC
Camry 2.2L 4-Cyl. SFI (CNG)	PCV, ⁽¹⁾ TWC, EGR, SPK, AFS, HO2S, CEC, MIL, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Camry 2.2L 4-Cyl. SFI	PCV, EVAP, ⁽¹⁾ TWC, FR, EGR, SPK, AFS, HO2S, CEC, MIL,

	(2) EVAP-CCVVS, (2) EVAP-PSVVS, EVAP-VC, EVAP-VPS, (2) EVAP-VSV, ORVR-COV, ORVR-OCKV, EGR-VM, (2) EGR-VSV, SPK-CC
Camry 3.0L V6 SFI	PCV, EVAP, TWC, (1)(3) WU-TWC, FR, EGR, SPK, (1)(3) AFS, (5) HO2S, CEC, MIL, (2) EVAP-CCVVS, (2) EVAP-PSVVS, EVAP-VC, EVAP-VPS, (2) EVAP-VSV, ORVR-COV, ORVR-OCKV, EGR-PS, EGR-T, EGR-VCV, (2) EGR-VSV, SPK-CC
Camry Solara 2.2L 4-Cyl. SFI	PCV, EVAP, (1) TWC, FR, EGR, SPK, AFS, HO2S, CEC, MIL, (2) EVAP-CCVVS, (2) EVAP-PSVVS, EVAP-VPS, (2) EVAP-VSV, EVAP-VC, ORVR-COV, ORVR-OCKV, EGR-VM, (2) EGR-VSV, SPK-CC
Camry Solara 3.0L V6 SFI	PCV, EVAP, TWC, (1)(3) WU-TWC, FR, EGR, SPK, (1)(3) AFS, (4) HO2S, CEC, MIL, (2) EVAP-CCVVS, (2) EVAP-PSVVS, EVAP-VPS, (2) EVAP-VSV, EVAP-VC, ORVR-COV, ORVR-OCKV, EGR-PS, EGR-T, EGR-VSV, (2) EGR-VSV, SPK-CC
Celica 1.8L 4-Cyl. SFI	PCV, EVAP, TWC, FR, SPK, (1) HO2S, CEC, MIL, (2) EVAP-CCVVS, (2) EVAP-PSVVS, EVAP-VC, EVAP-VSV, EVAP-VPS, ORVR-COV, ORVR-OCKV, SPK-CC
Corolla 1.8L 4-Cyl. SFI	PCV, EVAP, TWC, FR, SPK, (1) HO2S, CEC, MIL, (2) EVAP-CCVVS, (2) EVAP-PSVVS, EVAP-VC, EVAP-VSV, EVAP-VPS, ORVR-COV, ORVR-OCKV, SPK-CC
Echo 1.5L 4-Cyl. SFI	PCV, EVAP, TWC, FR, SPK, (1) HO2S, CEC, MIL, (2) EVAP-CCVVS, EVAP-VPS, EVAP-VSV, EVAP-VC, ORVR-COV, ORVR-OCKV, SPK-CC
Highlander 2.4L 4-Cyl. SFI	PCV, EVAP, (1) WU-TWC, FR, SPK, (1) AFS, (1) HO2S, CEC, MIL, (2) EVAP-CCVVS, EVAP-VC, EVAP-VPS, (2) EVAP-VSV, (2) EVAP-PSVVS, ORVR-COV, ORVR-OCKV, SPK-CC
Highlander 3.0L V6 SFI	PCV, EVAP, TWC, (1) WU-TWC, FR, SPK, (1) AFS, HO2S, CEC, MIL, (2) EVAP-CCVVS, (2) EVAP-PSVVS, EVAP-VC, EVAP-VPS, (2) EVAP-VSV, ORVR-COV, ORVR-OCKV, SPK-CC
Land Cruiser 4.7L V8 SFI	PCV, EVAP, (1) TWC, FR, SPK, (6) HO2S, CEC, MIL, (2) EVAP-VSV, EVAP-VC, EVAP-VPS, (2) EVAP-VPSVSV, SPK-CC
MR2 1.8L 4-Cyl. SFI	PCV, EVAP, TWC, (1) WU-TWC, FR, SPK, (6) HO2S, CEC, MIL, (2) EVAP-CCVVS, (2) EVAP-PSVVS, EVAP-VC, (2) EVAP-VSV, ORVR-COV, ORVR-OCKV, SPK-CC
Prius 1.5L Cyl. SFI	PCV, EVAP, (1) TWC, FR, SPK, (1) HO2S, CEC, MIL, (2) EVAP-CCVVS, (2) EVAP-PFSVVS, EVAP-VC, EVAP-VPS, (2) EVAP-VSV, HCAC-VSV, SPK-CC
RAV4 2.0L 4-Cyl.	

SFI	PCV, EVAP, ⁽¹⁾ TWC, FR, SPK, ⁽¹⁾ AFS, ⁽¹⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VPS, EVAP-VC, EVAP- VST, EVAP-VSV, ORVR-COV, ORVR-OCKV, SPK-CC
Sequoia 4.7L V8 SFI	PCV, EVAP, ⁽¹⁾ TWC, FR, SPK, ⁽⁵⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VPS, EVAP-VC, ⁽²⁾ EVAP- VSV, SPK-CC
Sienna 3.0L V6 SFI	PCV, EVAP, TWC, ⁽¹⁾ WU-TWC, FR, SPK, ⁽¹⁾ AFS, HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VC, EVAP-VPS, EVAP- VST, ⁽²⁾ EVAP-SV, ORVR-COV, ORVR-OCKV, SPK-CC
Tacoma 2.4L 4-Cyl. SFI	PCV, EVAP, ⁽¹⁾ TWC, FR, SPK, AFS, HO2S, CEC, MIL, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, EVAP-VC, ⁽²⁾ EVAP-VSV, SPK-CC
Tacoma 2.7L 4-Cyl. SFI	PCV, EVAP, ⁽¹⁾ TWC, FR, EGR, SPK, AFS, HO2S, CEC, MIL, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, EVAP-VC, EGR-T, EGR- VM, ⁽²⁾ EGR-VSV, SPK-CC
Tacoma 3.4L V6 SFI	PCV, EVAP, ⁽¹⁾ TWC, FR, SPK, AFS, HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, EVAP-VPSVSV, ⁽²⁾ EVAP-VSV, SPK-CC
Tundra 3.4L V6 SFI	PCV, EVAP, ⁽¹⁾ TWC, FR, SPK, AFS, HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, EVAP-VPSVSV, SPK-CC
Tundra 4.7L V8 SFI	PCV, EVAP, ⁽⁷⁾ TWC, FR, SPK, ⁽⁵⁾ HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VSV, ⁽²⁾ EVAP-VPSVSV, SPK-CC
4Runner 2.7L 4-Cyl. SFI	PCV, EVAP, ⁽¹⁾ TWC, FR, SPK, AFS, HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VC, ⁽²⁾ EVAP-VSV, ORVR-COV, ORVR-OCKV, SPK-CC
(1) One on each exhaust manifold. (2) ECM controlled. (3) Equipped with 2. (4) On A/T models, one behind catalytic converter. On M/T models, one near exhaust manifold & one behind catalytic converter. (5) Equipped with 4. (6) Equipped with 3. (7) On Calif. emission vehicles, one on each exhaust pipe near manifold & one on rear exhaust pipe. On except Calif. emission vehicles, one on each exhaust pipe near manifold.	

2002 TOYOTA

Year, Engine & Fuel System	Emission Control Systems & Devices
2002	

Avalon 3.0L V6 SFI	PCV, EVAP-TWC, ⁽¹⁾ WU-TWC, FR, SPK, ⁽¹⁾ AFS, ⁽¹⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VC, EVAP-VPS, EVAP-VST, ⁽²⁾ EVAP-SV, ORVR-COV, ORVR-OCKV, SPK-CC
Camry 2.2L 4-Cyl. SFI	PCV, EVAP, ⁽¹⁾ TWC, FR, SPK, AFS, HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VSV, ORVR-COV, ORVR-OCKV, SPK-CC
Camry 3.0L V6 SFI	PCV, EVAP, ⁽³⁾ TWC, FR, EGR, SPK, ⁽¹⁾ AFS, ⁽¹⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VSV, ORVR-COV, ORVR-OCKV, EGR-PS, EGR-T, EGR-VCV, ⁽²⁾ EGR-VSV, SPK-CC
Camry Solara 2.4L 4-Cyl. SFI	PCV, EVAP, ⁽¹⁾ TWC, FR, SPK, AFS, HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VPS, ⁽²⁾ EVAP-VSV, EVAP-VC, ORVR-COV, ORVR-OCKV, SPK-CC,
Camry 3.0L V6 SFI	PCV, EVAP, TWC, ⁽¹⁾⁽⁴⁾ WU-TWC, FR, EGR, SPK, ⁽¹⁾⁽⁴⁾ AFS, ⁽⁵⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VPS, ⁽²⁾ EVAP-VSV, EVAP-VC, ORVR-COV, ORVR-OCKV, EGR-PS, EGR-T, EGR-VCV, ⁽²⁾ EGR-VSV, SPK-CC
Celica 1.8L 4-Cyl. SFI	PCV, EVAP, TWC, FR, SPK, ⁽¹⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VC, EVAP-VSV, EVAP-VPS, ORVR-COV, ORVR-OCKV, SPK-CC
Corolla 1.8L 4-Cyl. SFI	PCV, EVAP, TWC, FR, SPK, ⁽¹⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VC, EVAP-VSV, EVAP-VPS, ORVR-COV, ORVR-OCKV, SPK-CC
Echo 1.5L 4-Cyl. SFI	PCV, EVAP, TWC, FR, SPK, ⁽¹⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, EVAP-VPS, EVAP-VSV, EVAP-VC, ORVR-COV, ORVR-OCKV, SPK-CC
Highlander 2.4L 4-Cyl. SFI	PCV, EVAP, ⁽¹⁾ TWC, FR, SPK, ⁽¹⁾ AFS, ⁽¹⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VSV, ⁽²⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV, SPK-CC
Highlander 3.0L V6 SFI	PCV, EVAP, TWC, ⁽¹⁾ WU-TWC, FR, SPK, ⁽¹⁾ AFS, HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VSV, ORVR-COV, ORVR-OCKV, SPK-CC
Land Cruiser 4.7L V8 SFI	PCV, EVAP, ⁽¹⁾ TWC, FR, SPK, ⁽⁶⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-VPSVSV, SPK-CC
MR2 1.8L 4-Cyl. SFI	PCV, EVAP, TWC, ⁽³⁾ WU-TWC, FR, SPK, ⁽³⁾ HO2S, CEC, MIL, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, EVAP-VC, ⁽²⁾ EVAP-VSV, ORVR-COV, ORVR-OCKV, SPK-CC
Prius 1.5L 4-Cyl. SFI	PCV, EVAP, ⁽¹⁾ TWC, FR, SPK, ⁽¹⁾ HO2S, CEC, MIL,

	(2) EVAP-CCVVS, (2) EVAP-PFSVVS, EVAP-VC, EVAP-VPS, (2) EVAP-VSV, (2) HCAC-VSV, SPK-CC
RAV4 2.0L 4-Cyl. SFI	PCV, EVAP, (1) TWC, FR, SPK, (1) AFS, (1) HO2S, CEC, MIL, (2) EVAP-CCVVS, (2) EVAP-PSVVS, EVAP-VPS, EVAP-VC, EVAP-VST, EVAP-VSV, ORVR-COV, ORVR-OCKV, SPK-CC
Sequoia 4.7L V8 SFI	PCV, EVAP, (1) TWC, FR, SPK, (5) HO2S, CEC, MIL, (2) EVAP-CCVVS, (2) EVAP-PSVVS, EVAP-VPS, EVAP-VC, (2) EVAP-VSV, SPK-CC
Sienna 3.0L V6 SFI	PCV, EVAP, TWC, (1) WU-TWC, FR, SPK, (1) AFS, HO2S, CEC, MIL, (2) EVAP-CCVVS, (2) EVAP-PSVVS, EVAP-VC, EVAP-VPS, EVAP-VST, (2) EVAP-VSV, ORVR-COV, ORVR-OCKV, SPK-CC
Tacoma 2.4L 4-Cyl. SFI	PCV, EVAP, (1) TWC, FR, SPK, AFS, HO2S, CEC, MIL, EVAP-VPS, (2) EVAP-VPSVVS, EVAP-VC, (2) EVAP-VSV, SPK-CC
Tacoma 2.7L 4-Cyl. SFI	PCV, EVAP, (1) TWC, FR, EGR, SPK, AFS, HO2S, CEC, MIL, (2) EVAP-CCVVS, (2) EVAP-PSVVS, EVAP-VPS, (2) EVAP-VSV, EVAP-VC, ORVR-OCKV, EGR-T, EGR-VM, (2) EGR-VSV, SPK-CC
Tacoma 3.4L V6 SFI	PCV, EVAP, (1) TWC, FR, SPK, AFS, HO2S, CEC, MIL, (2) EVAP-CCVVS, (2) EVAP-PSVVS, EVAP-VC, EVAP-VPS, (2) EVAP-VSV, ORVR-COV, ORVR-OCKV, SPK-CC
Tundra 3.4L V6 SFI	PCV, EVAP, (1) TWC, FR, SPK, AFS, HO2S, CEC, MIL, (2) EVAP-VSV, EVAP-VC, EVAP-VPS, EVAP-VPSVVS, SPK-CC
Tundra 4.7L V8 SFI	PCV, EVAP, (7) TWC, FR, SPK, (6) HO2S, CEC, MIL, EVAP-VC, EVAP-VPS, (2) EVAP-VSV, (2) EVAP-VPSVVS, SPK-CC
4Runner 2.7L 4-Cyl. SFI	PCV, EVAP, (1) TWC, FR, SPK, AFS, HO2S, CEC, MIL, (2) EVAP-CCVVS, (2) EVAP-PSVVS, EVAP-VC, (2) EVAP-VSV, ORVR-COV, ORVR-OCKV, SPK-CC
(1) Equipped with 2. (2) ECM controlled. (3) Equipped with 3. (4) A/T models only. (5) On A/T models, one on exhaust pipe behind catalytic converter. On M/T models, one on each exhaust manifold & one on exhaust pipe behind catalytic converter. (6) Equipped with 4. (7) On Calif. emission vehicles, one on each exhaust manifold & one on rear exhaust pipe. On Federal emission vehicles, one on each exhaust pipe near exhaust manifold.	

2003 TOYOTA

Year, Engine & Fuel System	Emission Control Systems & Devices
2003	
Avalon 3.0L V6 SFI	PCV, EVAP, TWC, WU-TWC, FR, SPK, ⁽³⁾ AFS, HO2S, CEC, MIL ⁽⁵⁾ EVAP-VSV, EVAP-VC, EVAP-VST, EVAP-VPS, ⁽⁵⁾ EVAP-CCVSV, ⁽⁵⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV, SPK-CC
Camry 2.4L 4-Cyl. SFI Except PZEV	PCV, EVAP, ⁽⁶⁾ TWC, FR, SPK, AFS, HO2S, CEC, MIL ⁽⁵⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽⁵⁾ EVAP-CCVSV, ⁽⁵⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV, SPK-CC
Camry 2.4L 4-Cyl. SFI PZEV	PCV, EVAP, ⁽⁹⁾ TWC, FR, SPK, AFS, ⁽⁹⁾ HO2S, CEC, MIL EVAP-TC, ⁽⁵⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽⁵⁾ EVAP-CCVSV, ⁽⁵⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV, SPK-CC
Camry 3.0L V6 SFI	PCV, EVAP, ⁽⁵⁾ TWC, FR, ⁽⁶⁾ EGR, SPK, ⁽¹⁾ AFS, ⁽⁹⁾ HO2S, CEC, MIL ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV, ⁽⁶⁾ EGR-T, ⁽⁶⁾ EGR-VCV, ⁽⁶⁾ EGR-PS, ⁽²⁾⁽⁶⁾ EGR-VSV, SPK-CC
Camry Solara 2.4L 4-Cyl. SFI	PCV, EVAP, ⁽³⁾ TWC, FR, SPK, AFS, HO2S, CEC, MIL ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV, SPK-CC
Camry 3.0L V6 SFI	PCV, EVAP, TWC, WU-TWC, FR, EGR, SPK, ⁽⁷⁾ AFS, HO2S, CEC, MIL ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV, EGR-T, EGR-VCV, EGR-PS, ⁽²⁾ EGR-VSV, SPK-CC
Celica 1.8L 4-Cyl. (1ZZ-FE & 2ZZ-GE) SFI	PCV, EVAP, TWC, FR, SPK, ⁽⁹⁾ HO2S, CEC, MIL ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV, SPK-CC
Corolla 1.8L 4-Cyl. SFI	PCV, EVAP, TWC, FR, SPK, ⁽⁹⁾ HO2S, CEC, MIL ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV, SPK-CC
Echo 1.5L 4-Cyl. SFI	PCV, EVAP, TWC, FR, SPK, ⁽²⁾ HO2S, CEC, MIL ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, ORVR-COV, ORVR-OCKV, SPK-CC
Highlander 2.4L 4-Cyl. SFI	PCV, EVAP, ⁽⁹⁾ TWC, FR, SPK, ⁽⁹⁾ AFS, ⁽⁹⁾ HO2S, CEC, MIL ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV
Highlander 3.0L V6 SFI	PCV, EVAP, TWC, WU-TWC, FR, SPK, ⁽¹⁾ AFS, HO2S, CEC, MIL ⁽²⁾ EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV, SPK-CC

Land Cruiser 4.7L V8 SFI	PCV, EVAP, ⁽⁹⁾ TWC, FR, SPK, ⁽⁸⁾ HO2S, CEC, MIL (2) EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, SPK-CC
Matrix 1.8L 4-Cyl. SFI	PCV, EVAP, TWC, FR, SPK, ⁽⁹⁾ HO2S, CEC, MIL (2) EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV
MR2 1.8L 4-Cyl. SFI	PCV, EVAP, ⁽⁹⁾ TWC, FR, SPK, ⁽⁹⁾ HO2S, CEC, MIL (2) EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV, SPK-CC
Prius 1.5L 4-Cyl. SFI	PCV, EVAP, ⁽⁴⁾ TWC, FR, SPK, ⁽⁹⁾ HO2S, CEC, MIL (2) EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PFSVSV, ⁽²⁾ HCAC-VSV, SPK-CC
RAV4 2.0L 4-Cyl. SFI	PCV, EVAP, ⁽⁹⁾ TWC, FR, SPK, ⁽⁹⁾ AFS, ⁽⁹⁾ HO2S, CEC, MIL (2) EVAP-VSV, EVAP-VC, EVAP-VST, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV, SPK-CC
Sequoia 4.7L V8 SFI	PCV, EVAP, ⁽⁹⁾ TWC, FR, SPK, ⁽⁸⁾ HO2S, CEC, MIL (2) EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV, SPK-CC
Sienna 3.0L V6 SFI	PCV, EVAP, TWC, ⁽⁹⁾ WU-TWC, FR, SPK, ⁽¹⁾ AFS, HO2S, CEC, MIL (2) EVAP-VSV, EVAP-VC, EVAP-VST, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV, SPK-CC
Tacoma 2.4L 4-Cyl. SFI	PCV, EVAP, ⁽⁹⁾ TWC, FR, SPK, AFS, HO2S, CEC, MIL (2) EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV, SPK-CC
Tacoma 2.7L 4-Cyl. SFI	PCV, EVAP, ⁽⁹⁾ TWC, FR, EGR, SPK, AFS, HO2S, CEC, MIL (2) EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV, EGR-T, EGR-VM, ⁽²⁾ EGR-VSV, SPK-CC
Tacoma 3.4L V6 SFI	PCV, EVAP, ⁽⁹⁾ TWC, FR, SPK, AFS, HO2S, CEC, MIL (2) EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV, SPK-CC
Tundra 3.4L V6 SFI	PCV, EVAP, ⁽⁹⁾ TWC, FR, SPK, AFS, HO2S, CEC, MIL (2) EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, SPK-CC
Tundra 4.7L V8 SFI	PCV, EVAP, TWC, FR, SPK, ⁽⁸⁾ HO2S, CEC, MIL (2) EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, SPK-CC
4Runner 4.0L V6 SFI	PCV, EVAP, ⁽⁹⁾ TWC, FR, SPK, ⁽¹⁾ AFS, ⁽⁹⁾ HO2S, CEC, MIL (2) EVAP-VSV, EVAP-VC, EVAP-VPS, ⁽²⁾ EVAP-CCVSV, ⁽²⁾ EVAP-PSVSV, ORVR-COV, ORVR-OCKV, SPK-CC
4Runner 4.7L V8 SFI	PCV, EVAP, TWC, FR, SPK, ⁽⁸⁾ HO2S, CEC, MIL

(2) EVAP-VSV, EVAP-VC, EVAP-VPS, (2) EVAP-CCVVSV, SPK-CC

- (1) One on each exhaust manifold.
- (2) Controlled by Engine Control Module (ECM).
- (3) One on exhaust manifold and one on exhaust pipe.
- (4) Equipped with 2.
- (5) One on each bank below exhaust manifold and one on exhaust pipe.
- (6) Only on vehicles built before Jan. 2003.
- (7) Heated sensor on each exhaust manifold.
- (8) Equipped with 4.
- (9) Equipped with 3.

ABBREVIATIONS

ACL

Air Cleaner (Thermostatic Air Cleaner)

ADS

Anti-Dieseling Solenoid

AFS

Air/Fuel Ratio Sensor

AIS

Air Injection System

AP

Air Pump Injection System

AP-ASV

AP Air Switching Valve

AP-BPV

AP By-Pass Valve

AP-CKV

AP Check Valve

AP-RDV

AP Reed Valve

AP-TV

AP Transmitting Valve

AP-VSV

AP Vacuum Switching Valve

A/T

Automatic Transmission

CEC

Computerized Engine Control

CMH

Cold Mixture Heater

DCS

Deceleration Control System

DOHC

Dual Overhead Cam

ECU

Electronic Control Unit

EFE

Early Fuel Evaporation

EFE-HCV

EFE Heat Control Valve

EFI

Electronic Fuel Injection

EGR

Exhaust Gas Recirculation

EGR-BVSV

EGR Bimetallic Vacuum Switching Valve

EGR-CKV

EGR Check Valve

EGR-CLR

EGR Cooler

EGR-PS

EGR

EGR-

EGR Position Sensor

EGR-T

EGR Temperature Sensor

EGR-TVV

EGR Thermal Vacuum Valve

EGR-VCV

EGR Vacuum Control/Check Valve

EGR-VM

EGR Vacuum Modulator

EGR-VSV

EGR Vacuum Switching Valve

EVAP

Fuel Evaporative System

EVAP-BVSV

EVAP Bimetallic Vacuum Switching Valve

EVAP-CCVSV

EVAP Canister Closed Valve Vacuum Switching Valve

EVAP-CKV

EVAP Check Valve

EVAP-OVCV

EVAP Outer Vent Control Valve

EVAP-PFSVSV

EVAP Purge Flow Switching Valve Vacuum Switching Valve

EVAP-PSVSV

EVAP Pressure Switching Valve Vacuum Switching Valve

EVAP-TV

EVAP Thermal Valve

EVAP-TVV

EVAP Thermal Vacuum Valve

EVAP-VC

EVAP Vapor Canister

EVAP-VCTV

EVAP Vacuum Control Valve

EVAP-VPS

EVAP Vapor Pressure Sensor

EVAP-VPSVSV

EVAP Vapor Pressure Sensor Vacuum Switching Valve

EVAP-VST

EVAP Vacuum Surge Tank

EVAP-VSV

EVAP Vacuum Switching Valve

FBC

Feedback Carburetor

FR

Fill Pipe Restrictor

HAC

High Altitude Compensator

HAI

Hot Air Intake

HAS

High Altitude System

HCAC-VSV

Hydrocarbon Adsorber Catalyst Vacuum Switching Valve

HIC

Hot Idle Compensator

HP

Horsepower

HO2S

Heated Oxygen Sensor

MFI

Multiport Fuel Injection

MIL

Malfunction Indicator Light

OC

Oxidation Catalytic Converter

ORVR

On-Board Refueling Vapor Recovery

ORVR-COV

ORVR Cut-Off Valve

ORVR-OCKV

ORVR Overfill Check Valve

O2S

Oxygen Sensor

PAIR

Pulsed Secondary Air Injection

PAIR-CKV

PAIR Check Valve

PAIR-RES

PAIR Resonator

PAIR-RV

PAIR Reed Valve

PAIR-VSV

PAIR Vacuum Switching Valve

PCV

Positive Crankcase Ventilation

PVCS

Power Valve Control System

SFI

Sequential Multiport Fuel Injection

SPK

Spark Controls

SPK-BVSV

SPK Bimetal Vacuum Switching Valve

SPK-CC

SPK Computer Controlled

SPK-DDD

SPK Dual Diaphragm Distributor

SPK-DV

SPK Delay Valve

SPK-TCSYS

SPK Timing Control System

SPK-VR

SPK Vacuum Retard

SUB-O2S

Sub-Oxygen Sensor

SUB-TWC

Sub Three-Way Catalytic Converter

TP

Throttle Position

TWC

Three-Way Catalytic Converter

TWC+OC

Three-Way + Oxidation Catalytic Converter

WU-TWC

Warm-Up Three-Way Catalytic Converter