

B - EMISSION APPLICATION

1993 Toyota Celica

1993 ENGINE PERFORMANCE
Toyota Emission Applications

Camry, Celica, Corolla, Land Cruiser, MR2, Paseo, Pickup,
Previa, Supra, Tercel, T100, 4Runner

EMISSION APPLICATIONS

EMISSION APPLICATIONS TABLE

Engine & Fuel System	Emission Control Systems & Devices
Camry	
2.2L 4-Cyl. PFI	
Major Control Systems & Devices	PCV, EVAP, TWC, FR, EGR, SPK, O2, CEC, MIL
Components & Other Related Devices	EVAP-BVSV, EVAP-VC, EVAP-CKV, (1) SUB-TWC, (1) EGR-TS, EGR-VM, (2) EGR-VSV, SPK-CC, (1) SUB-O2
3.0L V6 PFI	
Components & Other Related Devices	PCV, EVAP, TWC, FR, EGR, SPK, (3) O2, CEC, MIL
Components & Other Related Devices	EVAP-BVSV, EVAP-VC, EVAP-CKV, (1) EGR-TS, EGR-VM, EGR-BVSV, SPK-CC, (1) SUB-O2
Celica	
1.6L 4 Cyl. (4A-FE) PFI	
Major Control Systems & Devices	PCV, EVAP, TWC, FR, EGR, SPK, O2, CEC, MIL
Components & Other Related Devices	EVAP-BVSV, EVAP-VC, EVAP-CKV, (1) EGR-TS, EGR-VM, (2) EGR-VSV, SPK-CC
2.0L 4-Cyl. Turbo (3S-GTE) PFI	
Components & Other Related Devices	PCV, EVAP, TWC, FR, EGR, SPK, O2, CEC, MIL
Components & Other Related Devices	EVAP-BVSV, EVAP-VC, EVAP-CKV, SUB-TWC, (1) EGR-TS, EGR-VM, (2) EGR-VSV, SPK-CC
2.2L 4-Cyl. (5S-FE) PFI	
Major Control Systems & Devices	PCV, EVAP, TWC, FR, EGR, SPK, O2, CEC, MIL
Components & Other Related Devices	EVAP-BVSV, EVAP-VC, EVAP-CKV, (1) SUB-TWC, (1) EGR-TS, EGR-VM, (2) EGR-VSV, SPK-CC, (1) SUB-O2
Corolla	
1.6L 4-Cyl. (4A-FE) PFI & 1.8L 4-Cyl. (7A-FE) PFI	
Major Control Systems & Devices	PCV, EVAP, TWC, FR, (1) EGR, SPK, O2, CEC, MIL
Components & Other Related Devices	EVAP-BVSV, EVAP-VC, (1) EGR-TS, (1) EGR-VM,

(1) (2) EGR-VSV,
SPK-CC, (1) SUB-O2

Land Cruiser

4.5L 6-Cyl. PFI

Major Control Systems & Devices PCV, EVAP, (3) TWC, FR,
EGR, SPK, PAIR, (3) O2, CEC, MIL
Components & Other Related Devices EVAP-BVSV, (2) EVAP-VSV,
EVAP-VC, EVAP-CKV, EVAP-VCTV,
(1) EGR-TS, 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

Major Control Systems & Devices PCV, EVAP, TWC, FR, EGR,
SPK, O2, CEC, MIL
Components & Other Related Devices EVAP-BVSV, EVAP-VC,
EVAP-CKV, SUB-TWC, (1) EGR-TS,
EGR-VM, (2) EGR-VSV, SPK-CC

2.2L 4-Cyl. (5S-FE) PFI

Major Control Systems & Devices PCV, EVAP, TWC, FR, EGR,
SPK, O2, CEC, MIL
Components & Other Related Devices EVAP-BVSV, EVAP-VC,
(1) SUB-TWC, (1) EGR-TS, EGR-VM,
(2) EGR-VSV, SPK-CC, (1) SUB-O2

Paseo

1.5L 4-Cyl. PFI

Major Control Systems & Devices PCV, EVAP, TWC, FR, (4) EGR,
SPK, O2, CEC, MIL
Components & Other Related Devices EVAP-BVSV, EVAP-VC,
(1) EGR-TS, (4) EGR-VM,
(2) (4) EGR-VSV, SPK-CC

Pickup

2.4L 4-Cyl. PFI

Major Control Systems & Devices PCV, EVAP, TWC, FR, EGR,
SPK, PAIR, O2, CEC, MIL
Components & Other Related Devices EVAP-VC, (5) EGR-BVSV,
(1) EGR-TS, EGR-VM,
(1) (2) EGR-VSV, SPK-CC,
PAIR-RV, PAIR-RES, (2) PAIR-VSV,
PAIR-CKV, (1) SUB-O2

3.0L V6 PFI

Major Control Systems & Devices PCV, EVAP, TWC, FR, EGR,
SPK, PAIR, O2, CEC, MIL
Components & Other Related Devices EVAP-BVSV, EVAP-VC,
(6) EGR-TS, EGR-VM,
(2) EGR-VSV, SPK-CC,
PAIR-RV, PAIR-RES,
(2) PAIR-VSV, PAIR-CKV

Previa

2.4L 4-Cyl. PFI

Major Control Systems & Devices PCV, EVAP, TWC, FR, EGR,
SPK, O2, CEC, MIL
Components & Other Related Devices EVAP-VC, EGR-BVSV,
(1) EGR-TS, EGR-VM,
SPK-CC, SUB-O2

Supra

3.0L 6-Cyl. Non-Turbo (2JZ-GE) PFI
 Major Control Systems & Devices PCV, EVAP, (3) TWC, FR,
 EGR, SPK, (3) O2, CEC, MIL
 Components & Other Related Devices (2) EVAP-VSV, EVAP-VC,
 EVAP-CKV, EGR-CLR, EGR-TS,
 EGR-VM, (2) EGR-VSV,
 SPK-CC, (1) SUB-O2

3.0L 6-Cyl. Turbo (2JZ-GTE) PFI
 Major Control Systems & Devices PCV, EVAP, (3) TWC, FR,
 EGR, SPK, O2, CEC, MIL
 Components & Other Related Devices (2) EVAP-VSV, EVAP-VC,
 EVAP-CKV, EGR-CLR, EGR-TS,
 EGR-VM, (2) EGR-VSV,
 SPK-CC, SUB-O2

Tercel

1.5L 4-Cyl. PFI
 Major Control Systems & Devices PCV, EVAP, TWC, FR,
 (1) EGR, SPK, O2, CEC, MIL
 Components & Other Related Devices EVAP-BVSV, EVAP-VC,
 (1) EGR-TS, (1) EGR-VM,
 (2) (1) EGR-VSV, SPK-CC

T100

3.0L V6 PFI
 Major Control Systems & Devices PCV, EVAP, TWC, FR, EGR,
 SPK, PAIR, O2, CEC, MIL
 Components & Other Related Devices (2) EVAP-VSV, EVAP-VC,
 (1) EGR-TS, EGR-VM,
 (2) EGR-VSV, SPK-CC,
 PAIR-RV, PAIR-RES,
 (2) PAIR-VSV, PAIR-CKV,
 (7) SUB-O2

4Runner

2.4L 4-Cyl. PFI
 Major Control Systems & Devices PCV, EVAP, TWC, FR, EGR,
 SPK, PAIR, O2, CEC, MIL
 Components & Other Related Devices EVAP-VC, (5) EGR-BVSV,
 (1) EGR-TS, EGR-VM,
 (2) (1) EGR-VSV, SPK-CC,
 PAIR-RV, PAIR-RES,
 (2) PAIR-VSV, PAIR-CKV,
 (1) SUB-O2

3.0L V6 PFI
 Major Control Systems & Devices PCV, EVAP, TWC, FR, EGR,
 SPK, PAIR, O2, CEC, MIL
 Components & Other Related Devices EVAP-BVSV, EVAP-VC,
 (1) EGR-TS, EGR-VM,
 (2) EGR-VSV, SPK-CC,
 PAIR-RV, PAIR-RES,
 (2) PAIR-VSV, PAIR-CKV

- (1) - Calif. only.
 - (2) - Controlled by ECM.
 - (3) - Two required.
 - (4) - Federal A/T and all Calif.
 - (5) - Federal and Canada only.
 - (6) - Calif. and all cab and chassis models.
 - (7) - Calif. 2WD models only.
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ABBREVIATION DEFINITIONS

ABBREVIATION DEFINITION TABLE

Abbreviation	Definition
A/T	Automatic Transmission
CEC	Computerized Engine Controls
EGR	Exhaust Gas Recirculation
EGR-BVSV	EGR Bimetallic Vacuum Switching Valve
EGR-CLR	EGR Cooler
EGR-TS	EGR Temperature Sensor
EGR-VM	EGR Vacuum Modulator
EGR-VSV	EGR Vacuum Switching Valve
EVAP	Fuel Evaporative System
EVAP-BVSV	EVAP Bimetallic Vacuum Switching Valve
EVAP-CKV	EVAP Check Valve
EVAP-VC	EVAP Vapor Canister
EVAP-VCTV	EVAP Vacuum Control Valve
EVAP-VSV	EVAP Vacuum Switching Valve
FR	Fill Pipe Restrictor
O2	Oxygen Sensor
MIL	Malfunction Indicator Light
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
PFI	Port Fuel Injection
SPK	Spark Controls
SPK-CC	SPK Computer Controlled
SUB-O2	Sub-Oxygen Sensor
SUB-TWC	Sub Three-Way Catalyst
TWC	Three-Way Catalyst
