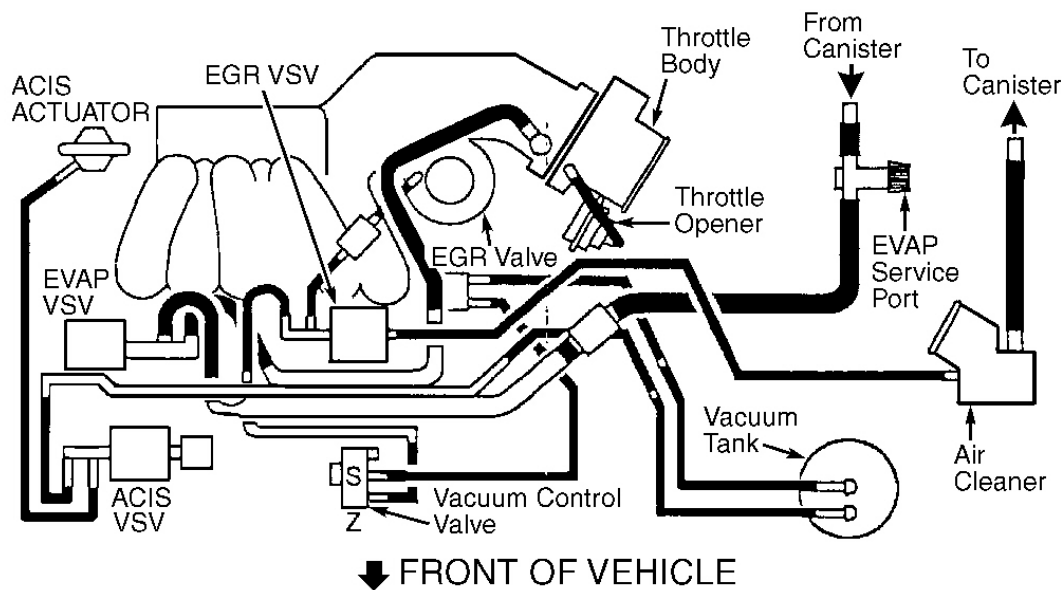


## 1999 ENGINE PERFORMANCE

## Vacuum Diagrams

## INTRODUCTION

This article contains underhood views or schematics of vacuum hose routing. Use these vacuum diagrams during the visual inspection in appropriate BASIC DIAGNOSTIC PROCEDURES article. This will assist in identifying improperly routed vacuum hoses, which may cause driveability and/or computer-indicated malfunctions.



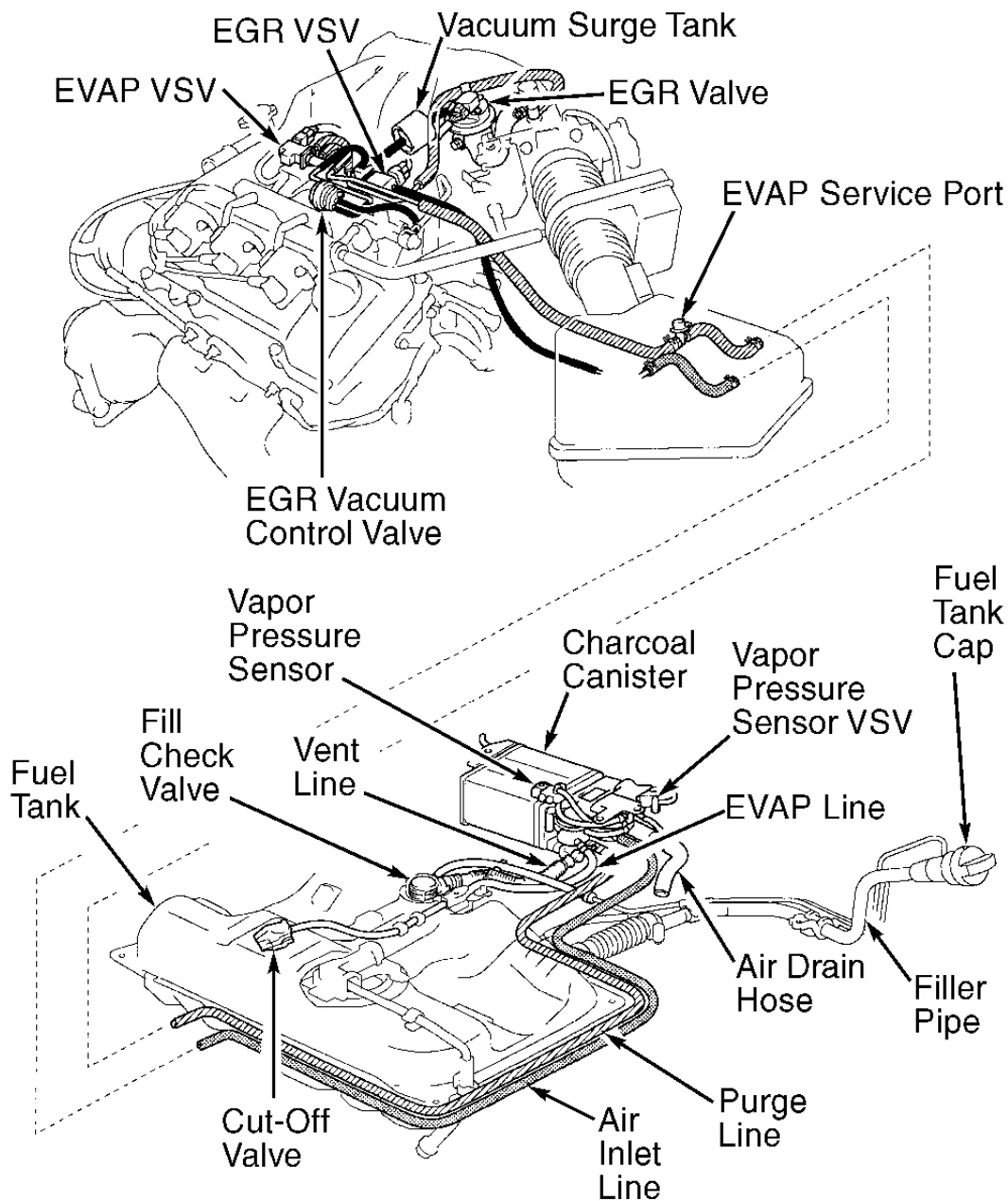
G00013135

**Fig. 1: Vacuum Diagram (Avalon V6)**

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams

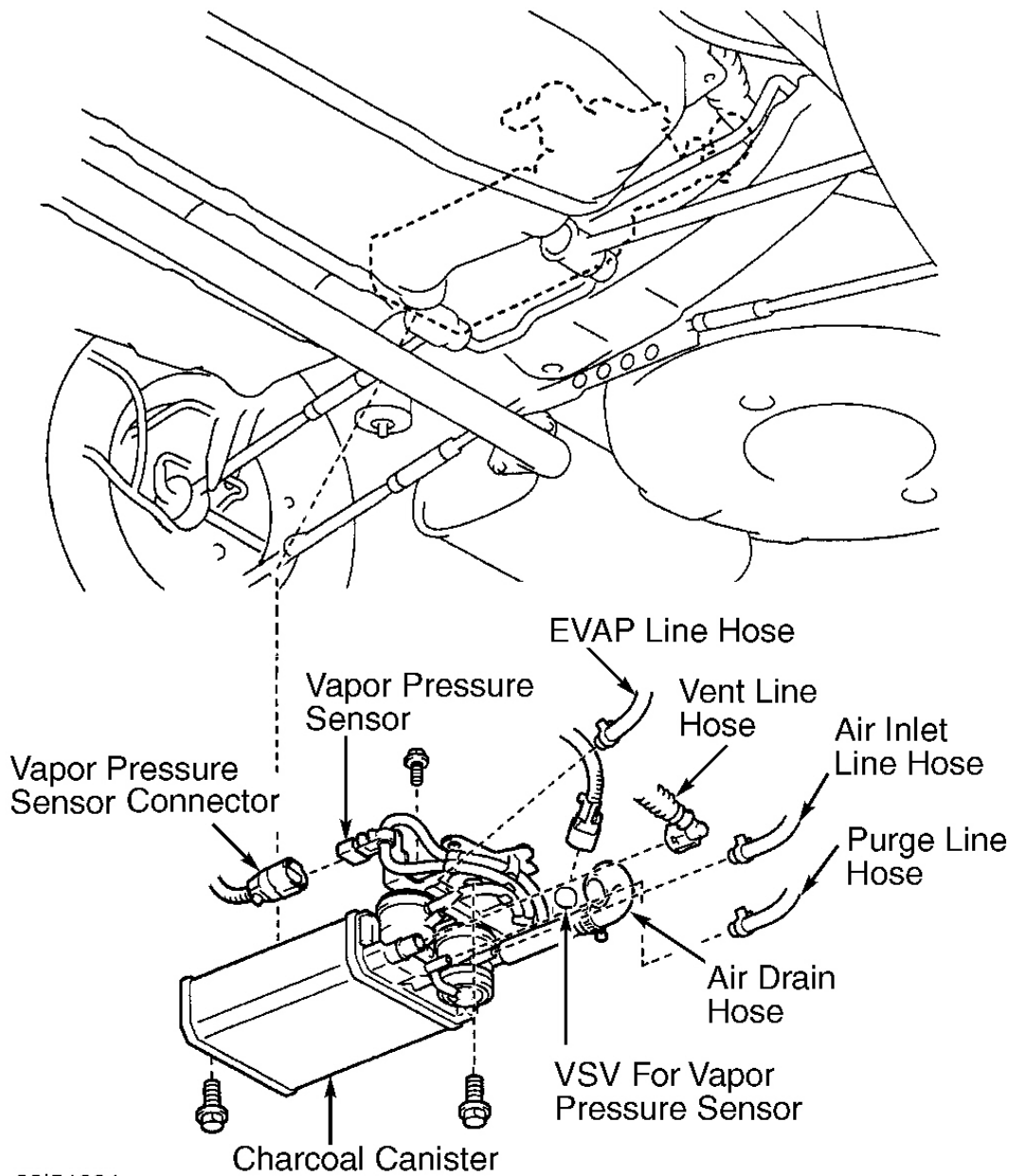


99J52729

**Fig. 2: Vacuum Diagram (Avalon, Camry V6 & Camry Solara V6)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams

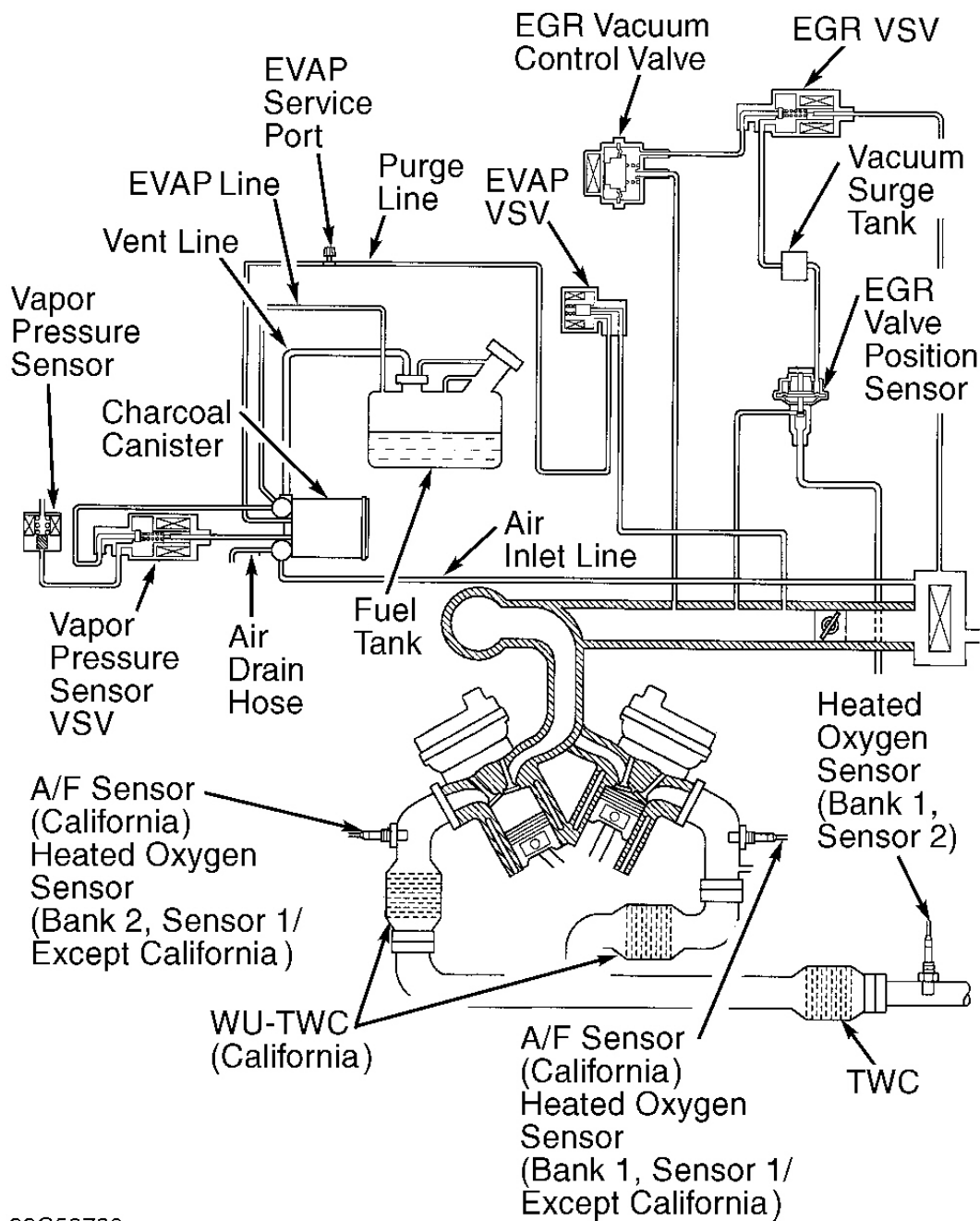


99I51324

**Fig. 3: Vacuum Diagram (Avalon, Camry V6 & Camry Solara V6)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams



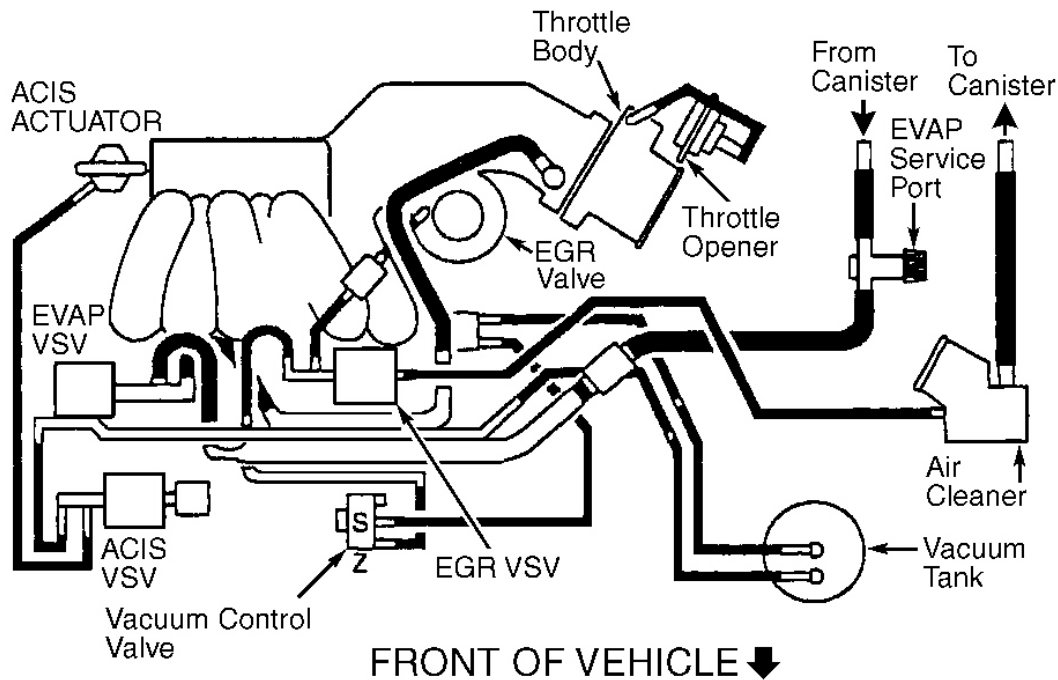
99C52730

**Fig. 4: Vacuum Diagram (Avalon)**

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams

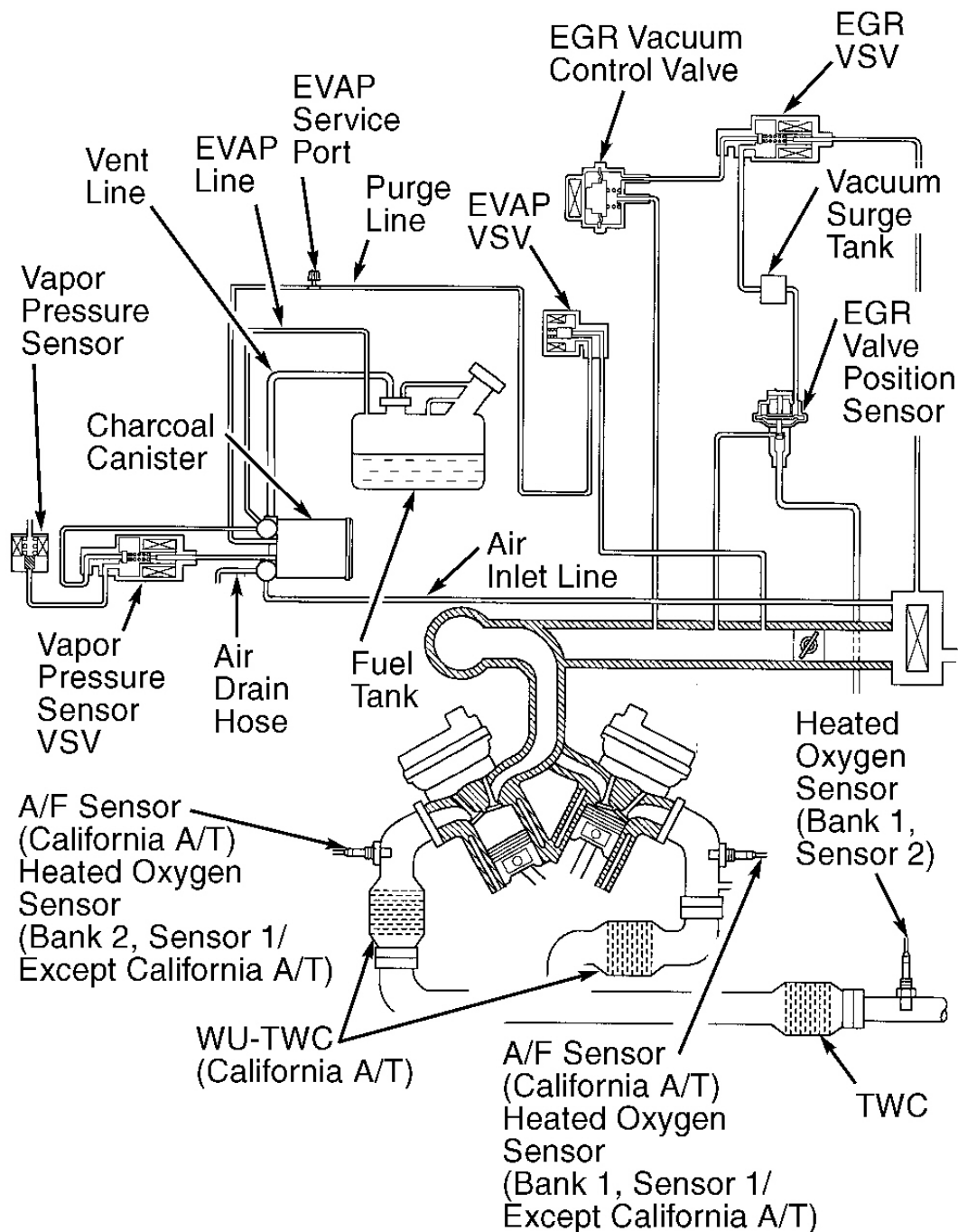


G00013139

**Fig. 5: Vacuum Diagram (Camry & Camry Solara V6 - 1 Of 2)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams

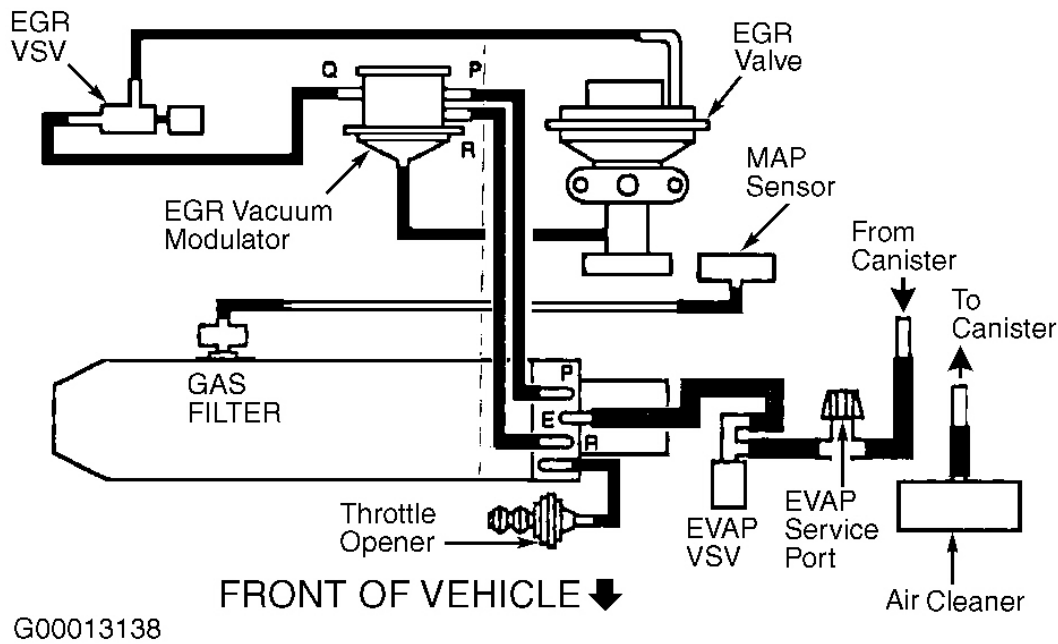


99G52734

**Fig. 6: Vacuum Diagram (Camry V6 & Camry Solara V6 - 2 Of 2)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

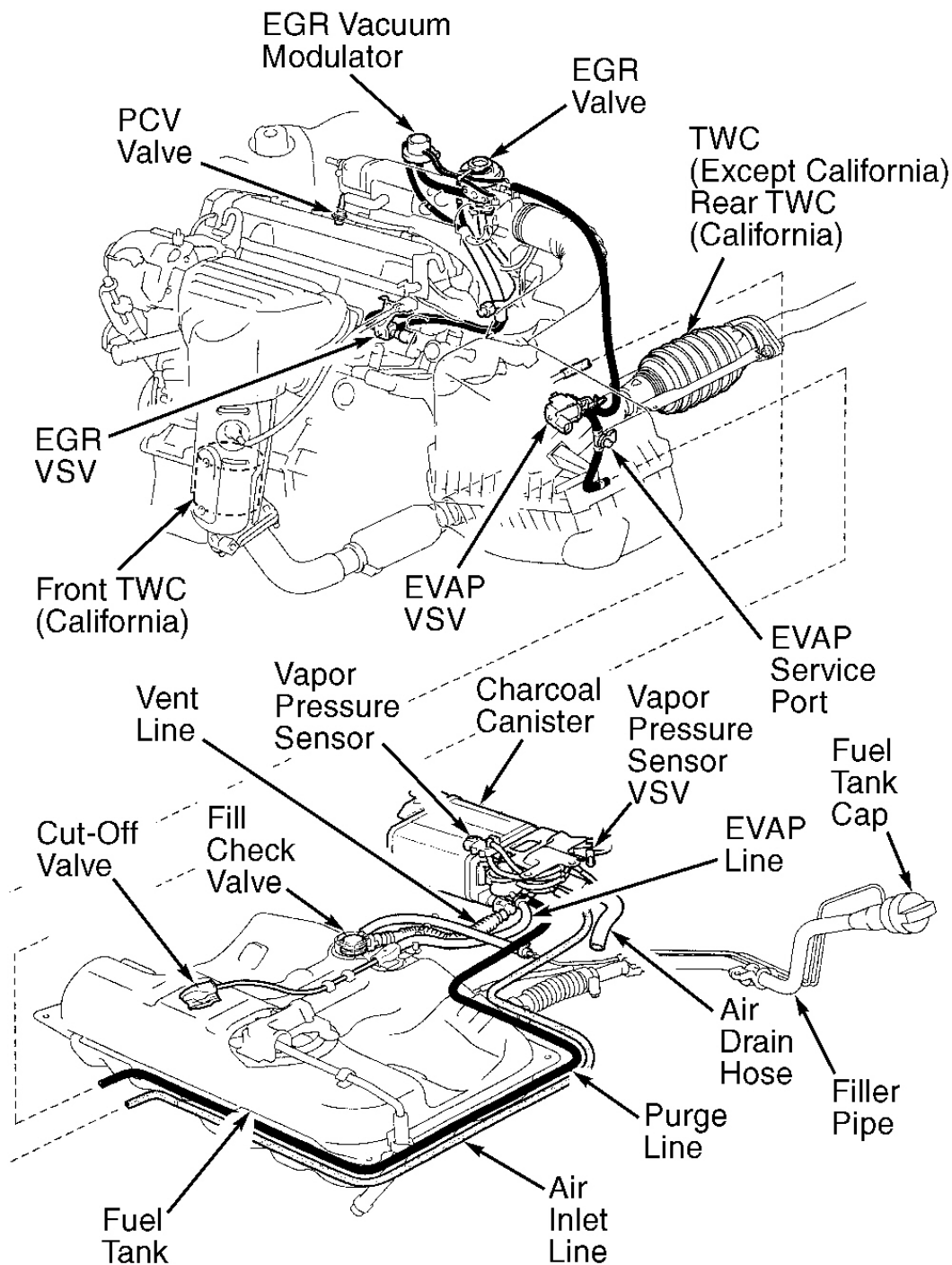
### 1999 ENGINE PERFORMANCE Vacuum Diagrams



**Fig. 7: Vacuum Diagram (Camry 4-Cyl. & Camry Solara 4-Cyl. - 1 Of 3)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams



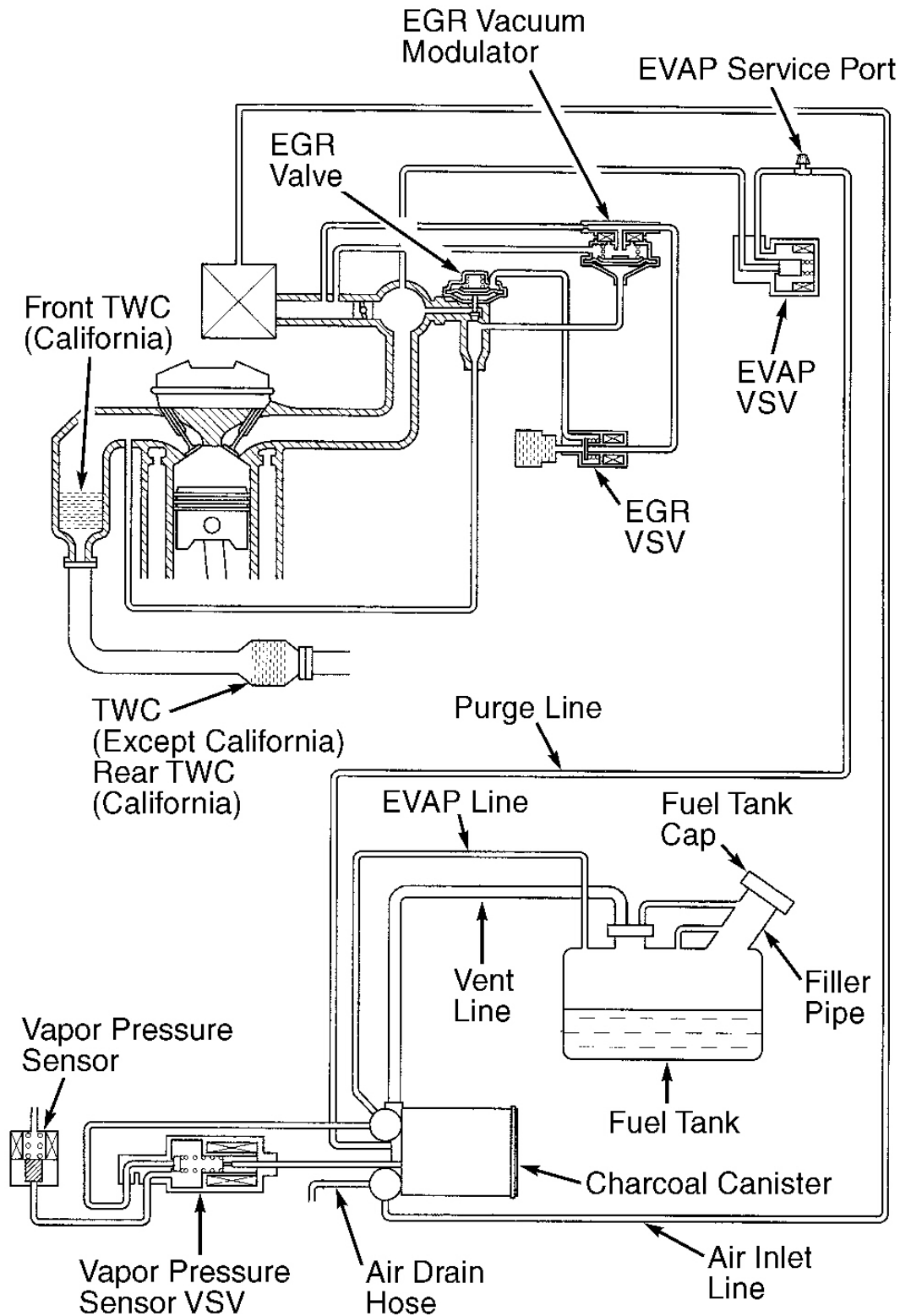
99E52732

**Fig. 8: Vacuum Diagram (Camry 4-Cyl. & Camry Solara 4-Cyl. - 2 Of 3)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



# 1999 Toyota RAV4

## 1999 ENGINE PERFORMANCE Vacuum Diagrams

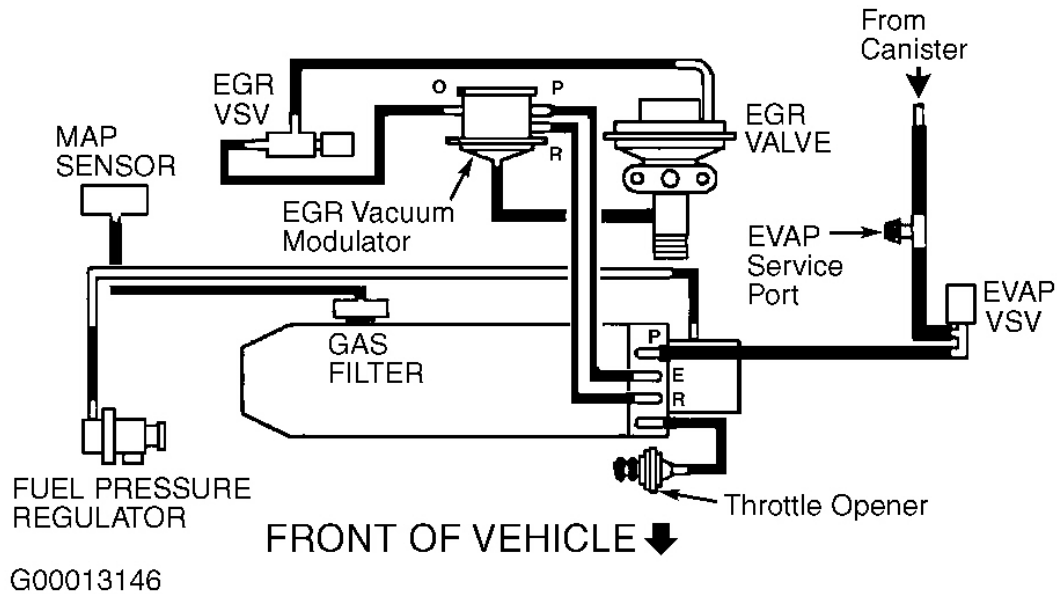


## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams

**Fig. 9: Vacuum Diagram (Camry 4-Cyl. & Camry Solara 4-Cyl. - 3 Of 3)**

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

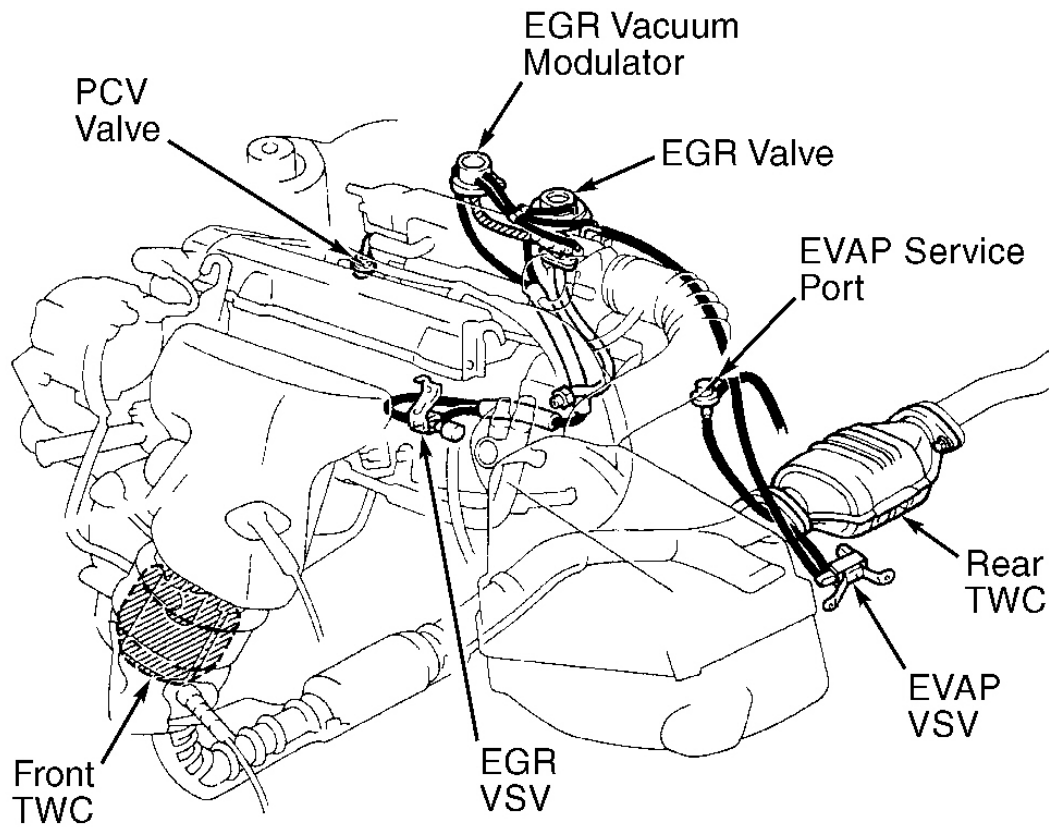


**Fig. 10: Vacuum Diagram (Celica - 1 Of 3)**

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams



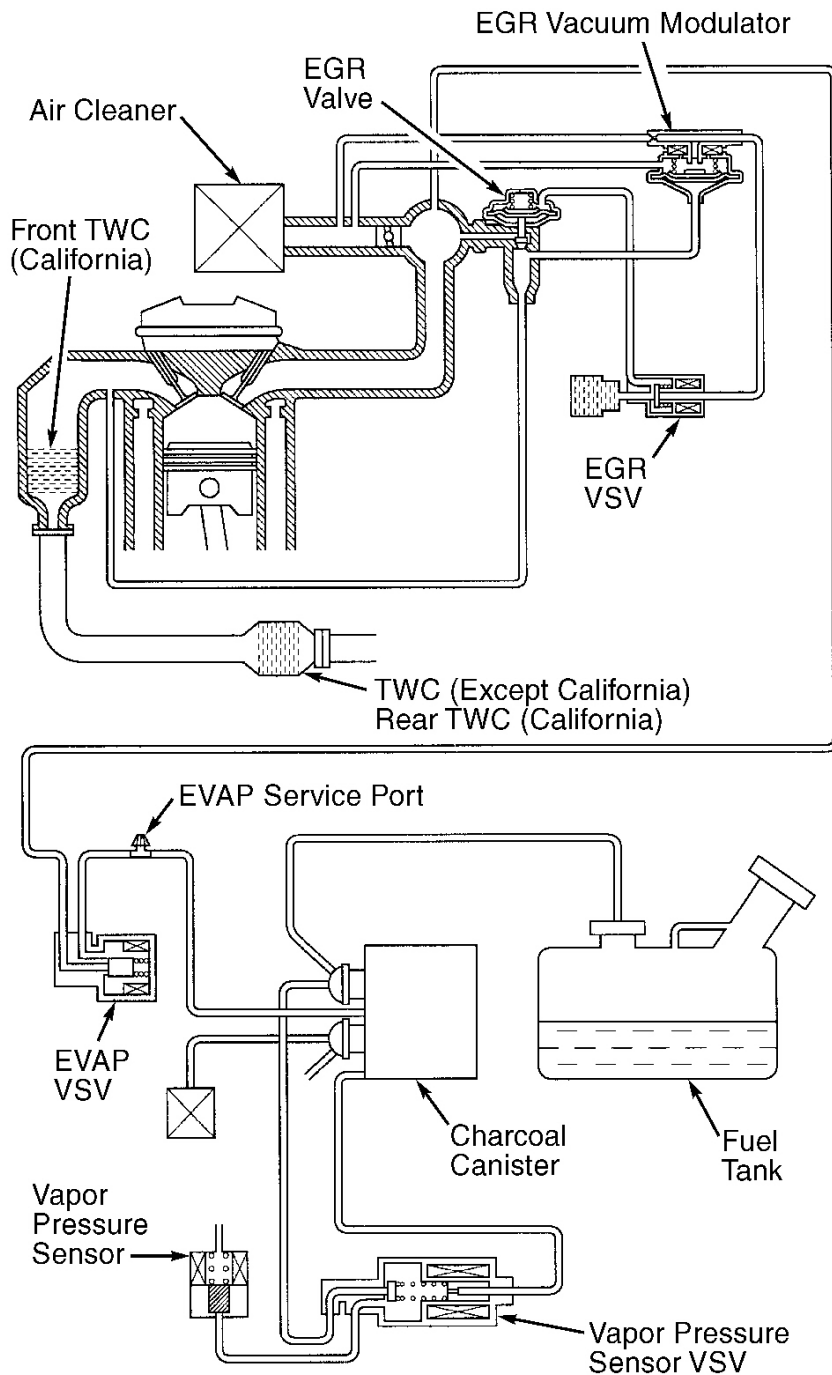
99I52736

**Fig. 11: Vacuum Diagram (Celica - 2 Of 3)**

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams

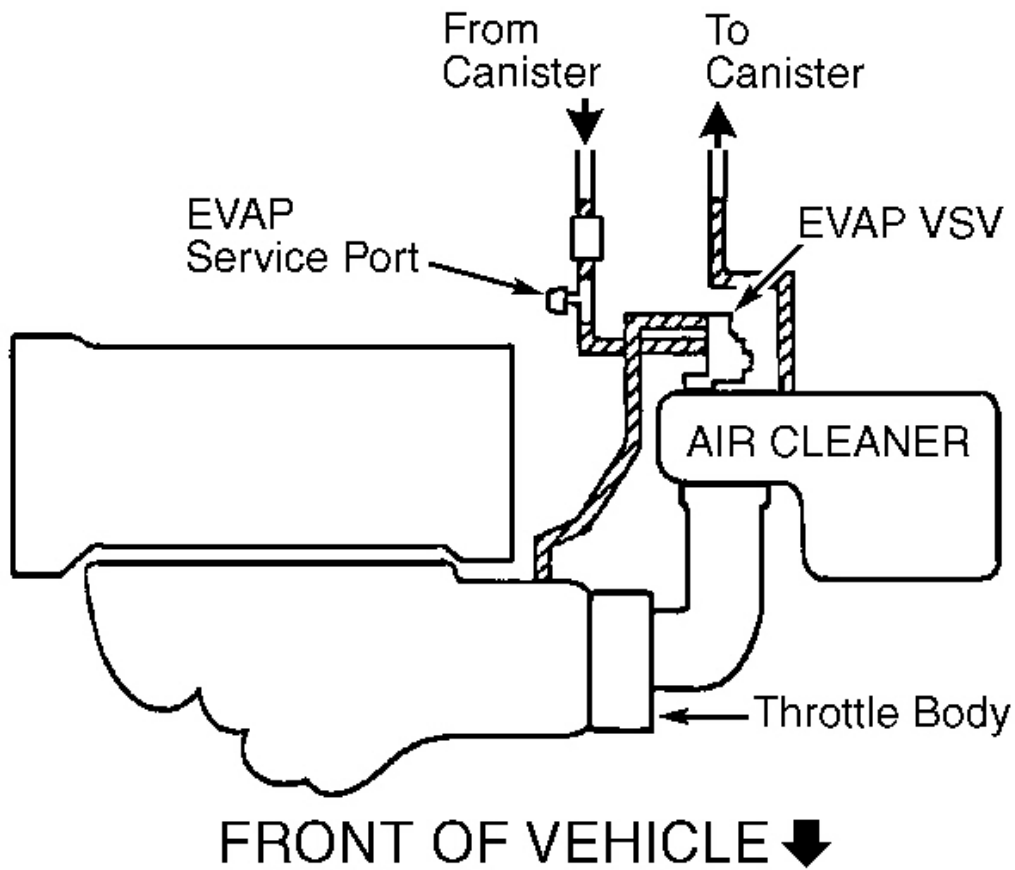


99A52738

**Fig. 12: Vacuum Diagram (Celica - 3 Of 3)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

# 1999 Toyota RAV4

## 1999 ENGINE PERFORMANCE Vacuum Diagrams



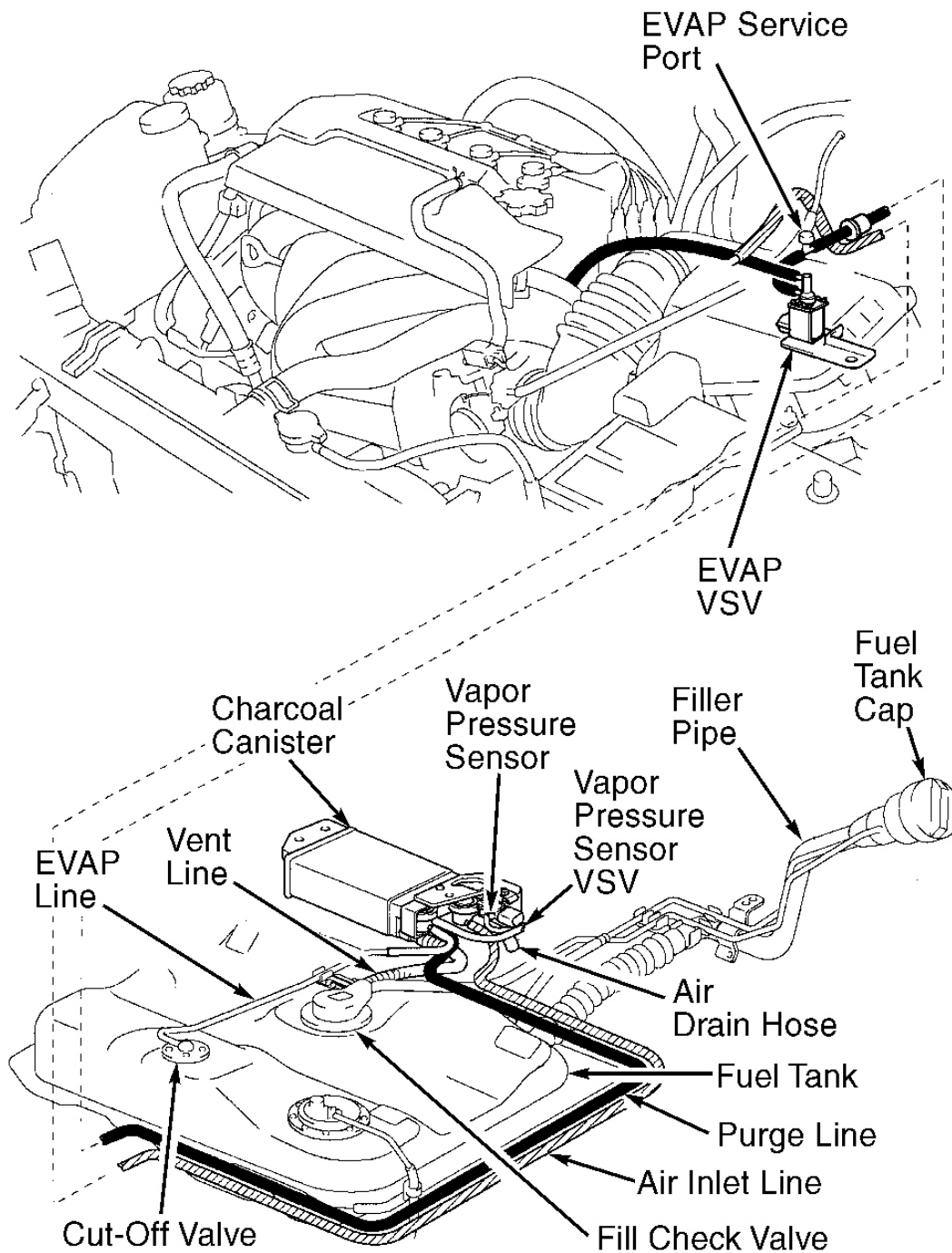
G00013150

**Fig. 13: Vacuum Diagram (Corolla - 1 Of 3)**

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams

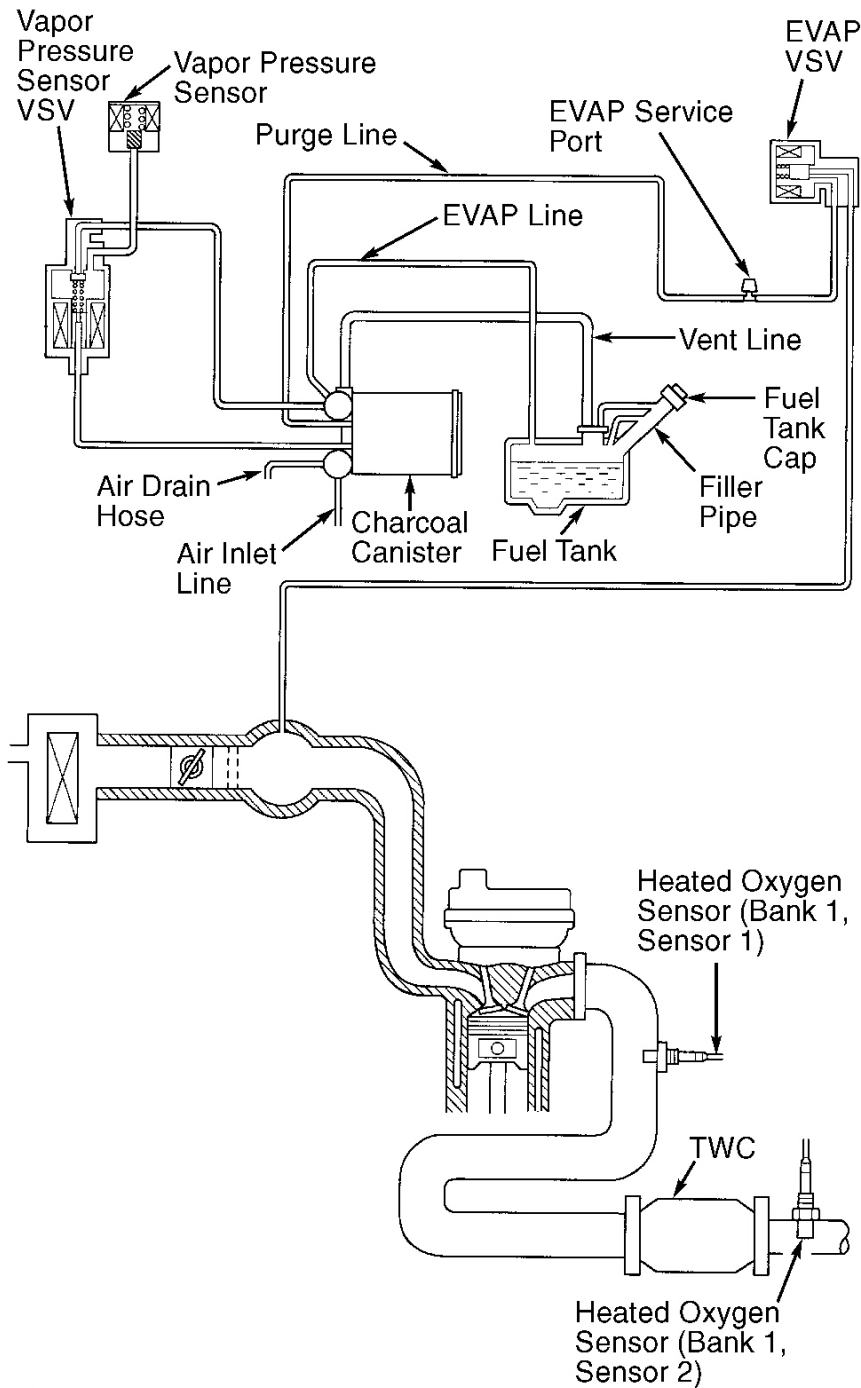


99F52733

**Fig. 14: Vacuum Diagram (Corolla - 2 Of 3)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams

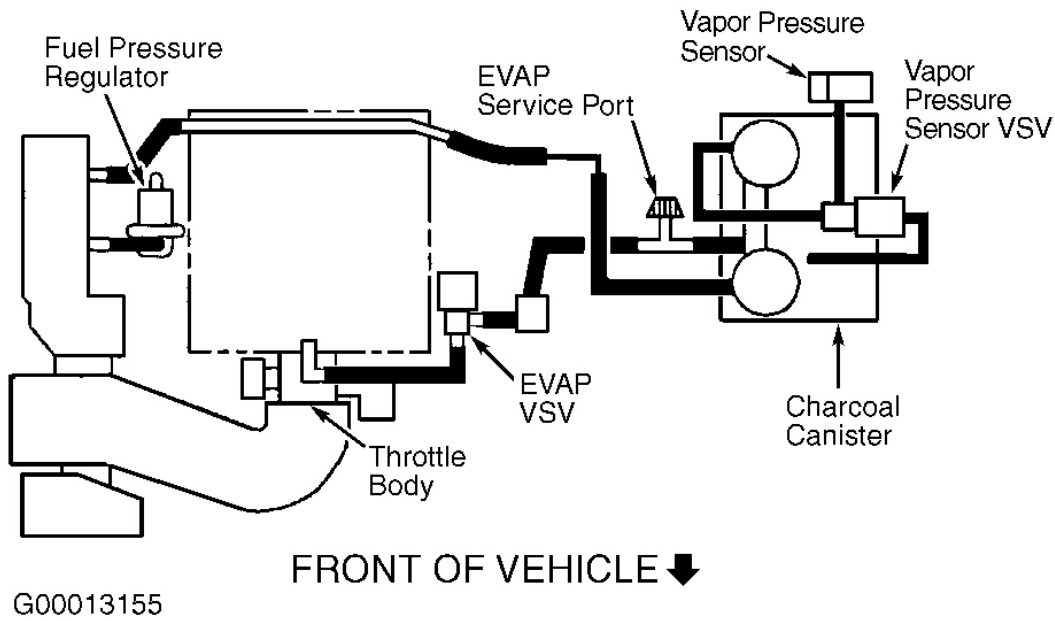


99H52735

**Fig. 15: Vacuum Diagram (Corolla - 3 Of 3)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams

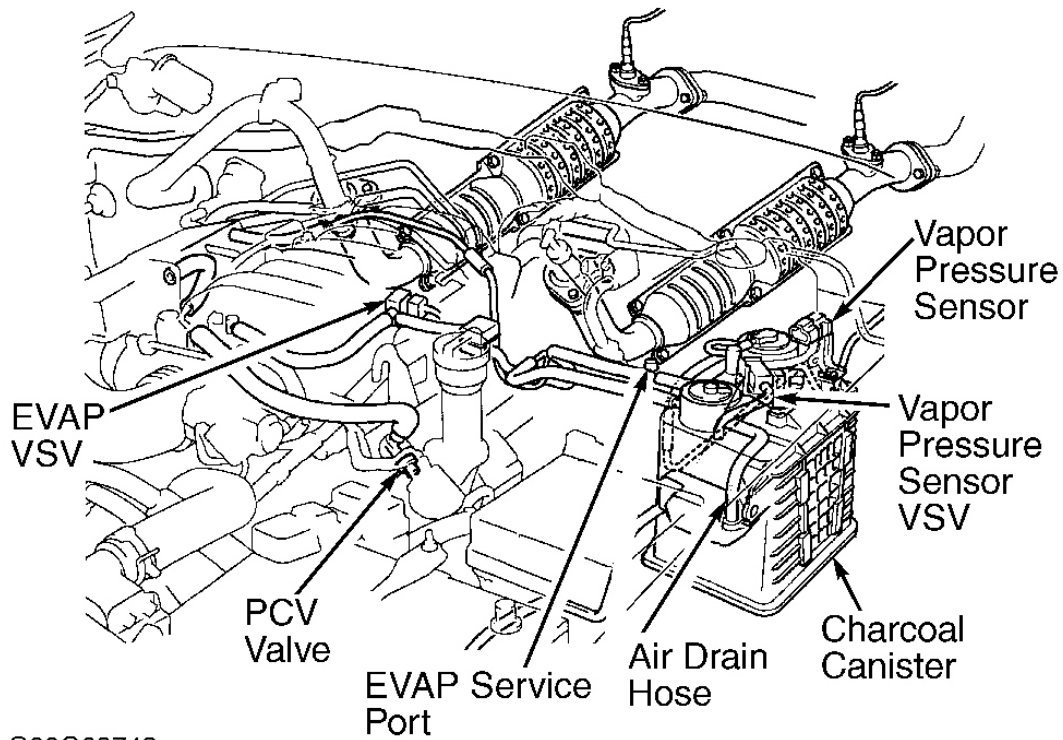


**Fig. 16: Vacuum Diagram (Land Cruiser - 1 Of 3)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams

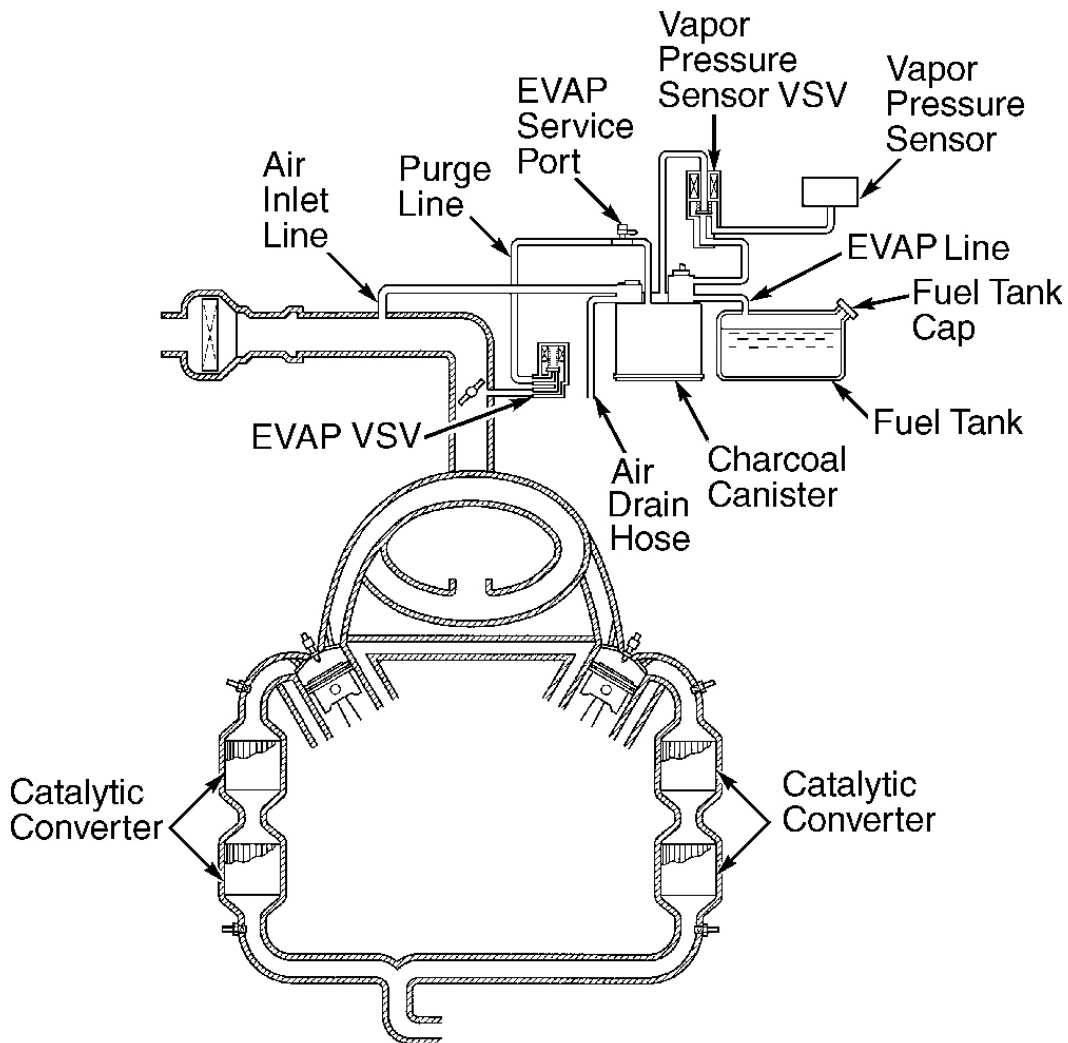


G99G08749

**Fig. 17: Vacuum Diagram (Land Cruiser - 2 Of 3)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams

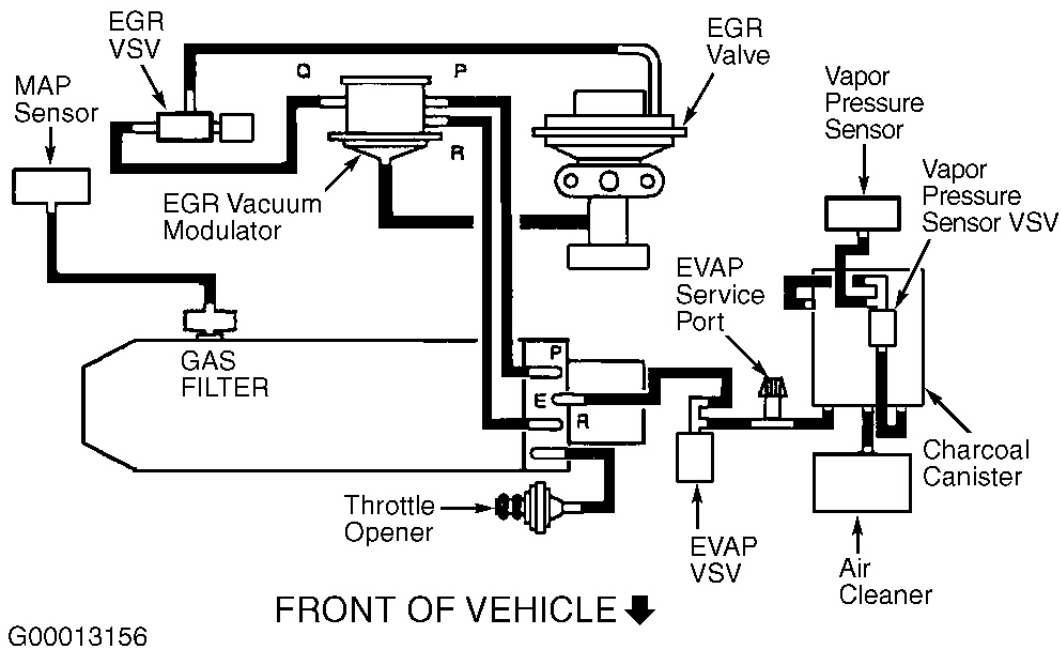


G99F52725

**Fig. 18: Vacuum Diagram (Land Cruiser - 3 Of 3)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams

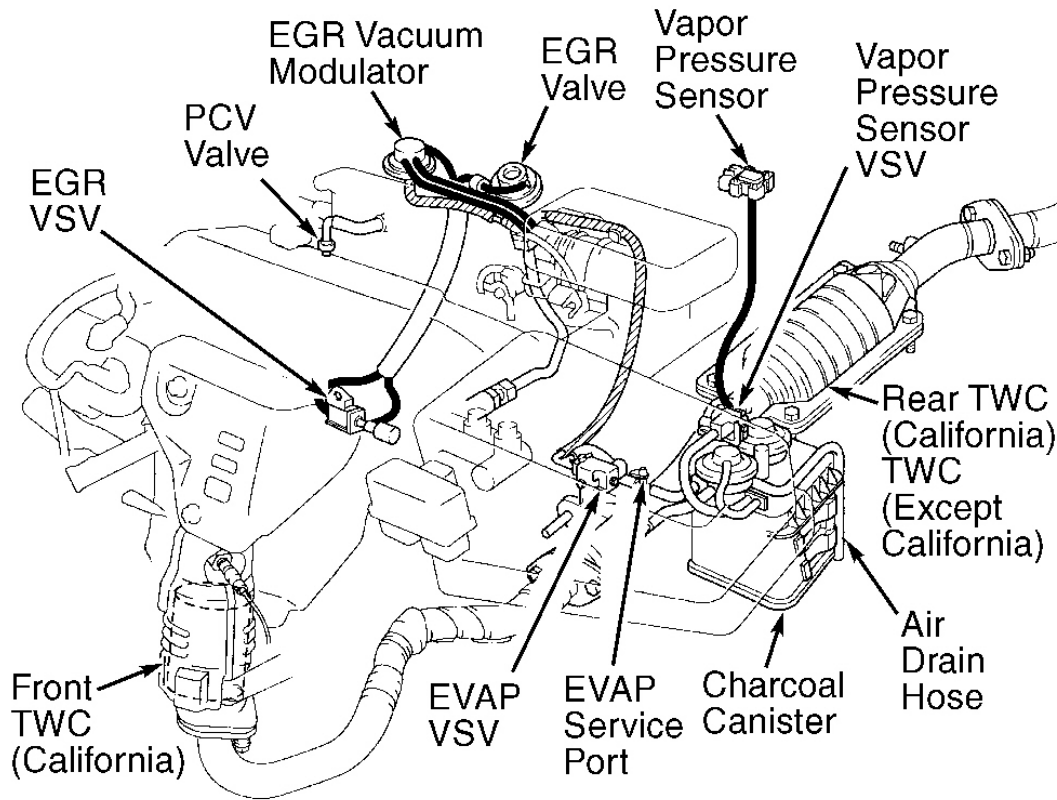


**Fig. 19: Vacuum Diagram (RAV4 - 1 Of 3)**

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams



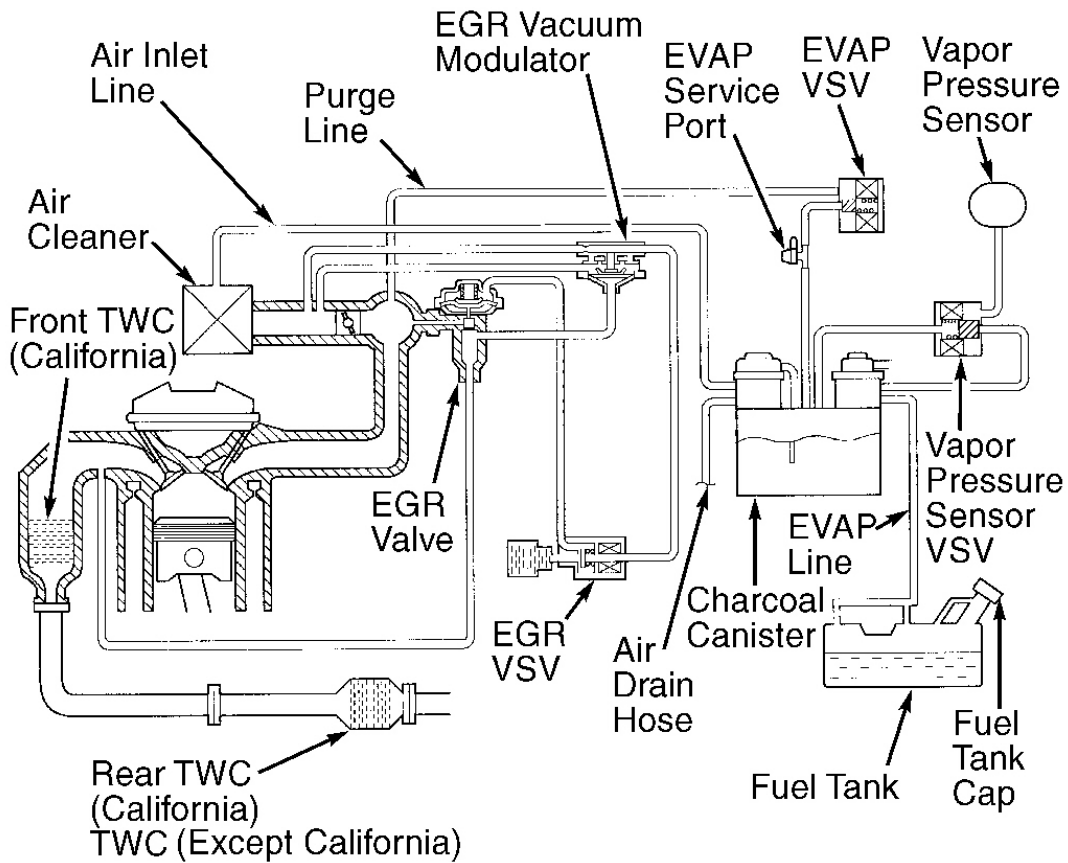
G99J52737

**Fig. 20: Vacuum Diagram (RAV4 - 2 Of 3)**

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams

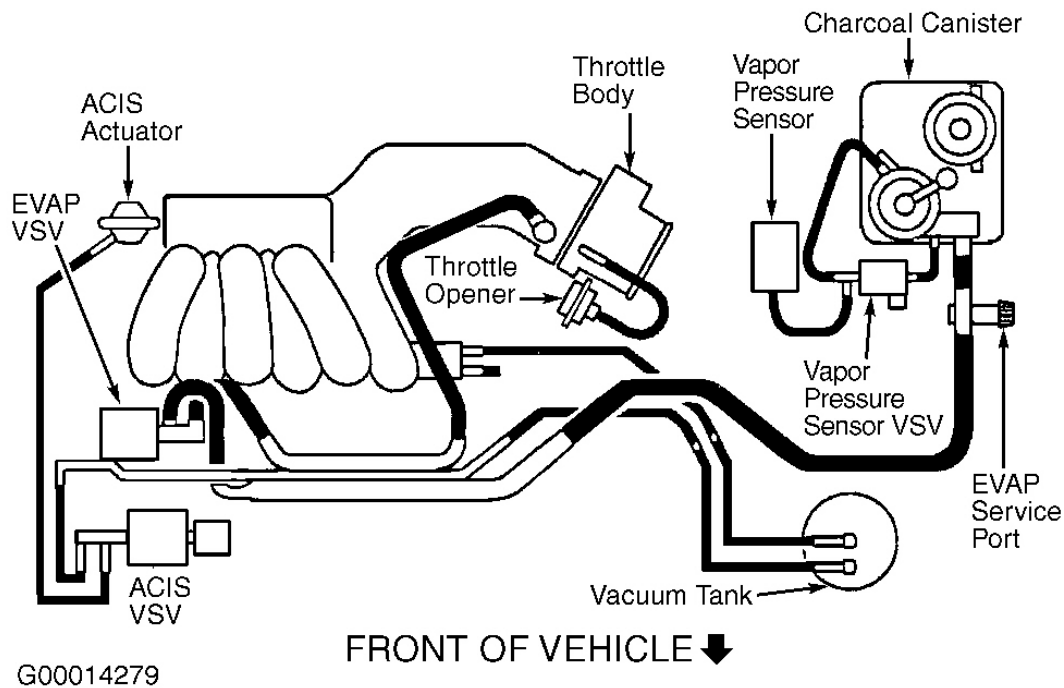


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**Fig. 21: Vacuum Diagram (RAV4 - 3 Of 3)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

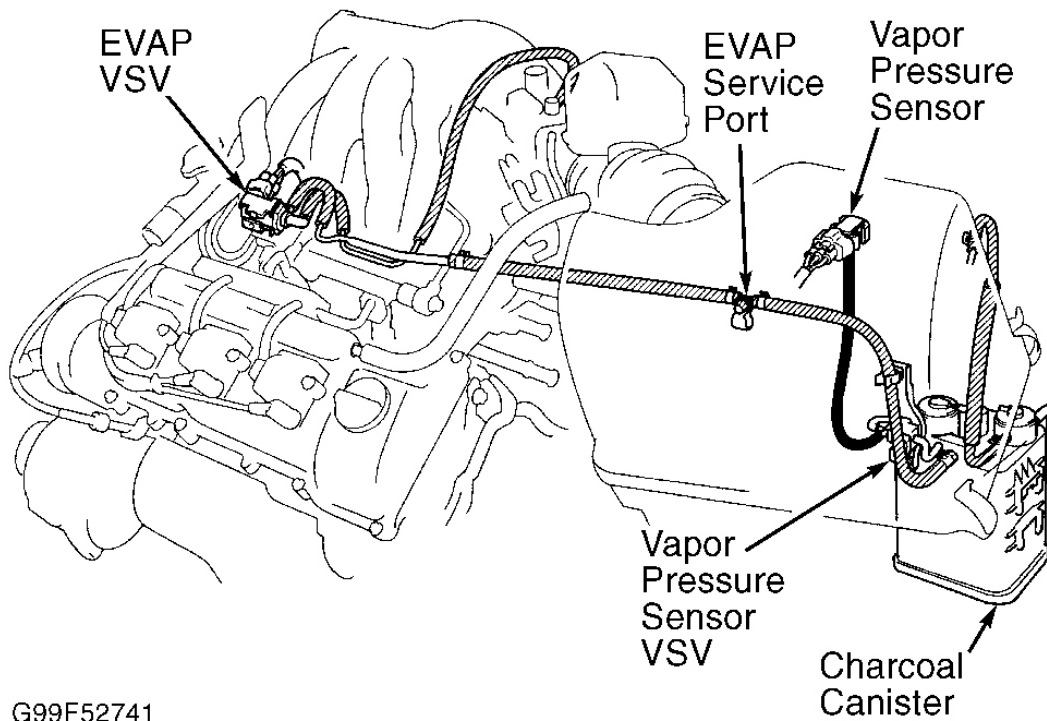
### 1999 ENGINE PERFORMANCE Vacuum Diagrams



**Fig. 22: Vacuum Diagram (Sienna - 1 Of 3)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams

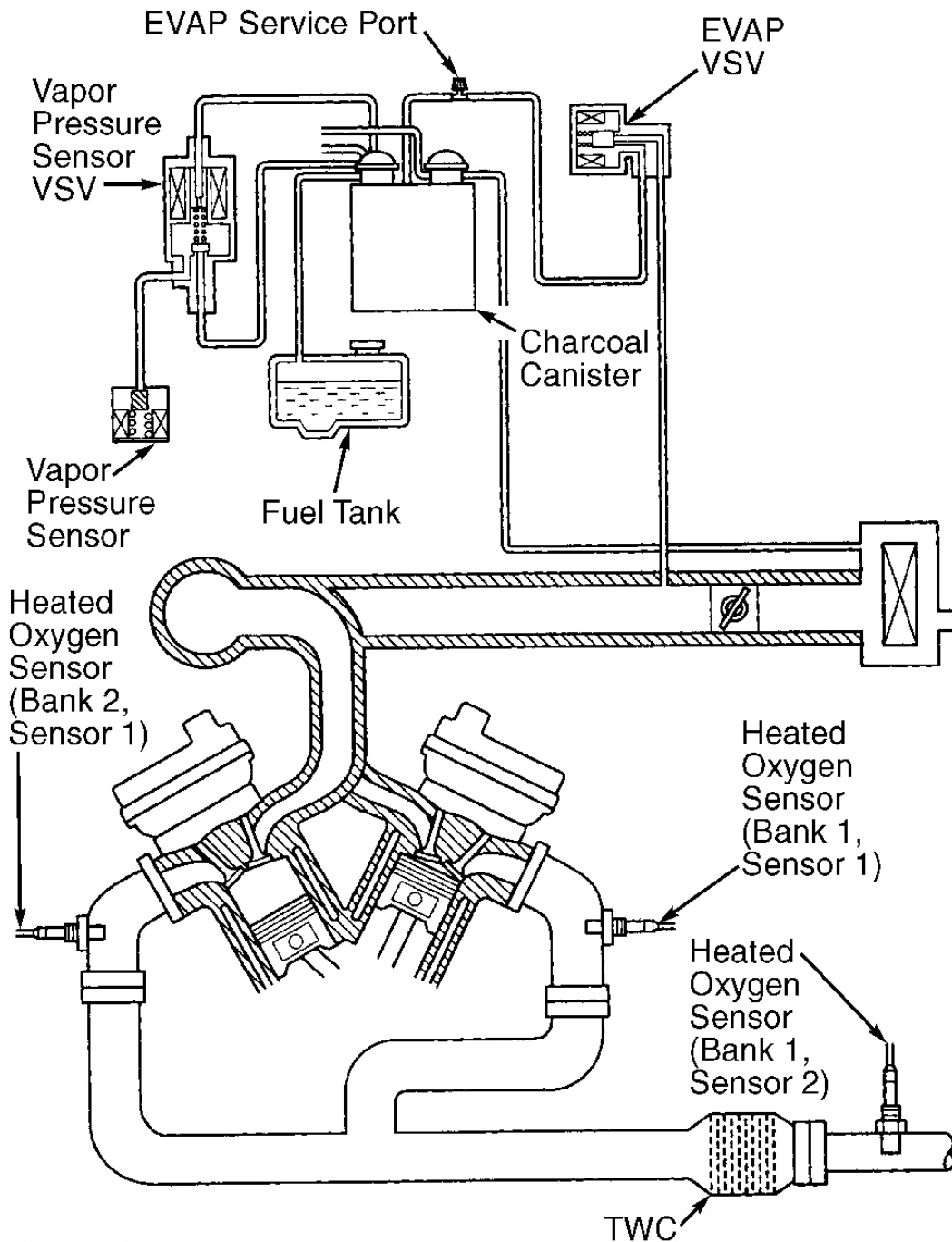


G99F52741

**Fig. 23: Vacuum Diagram (Sienna - 2 Of 3)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

# 1999 Toyota RAV4

## 1999 ENGINE PERFORMANCE Vacuum Diagrams



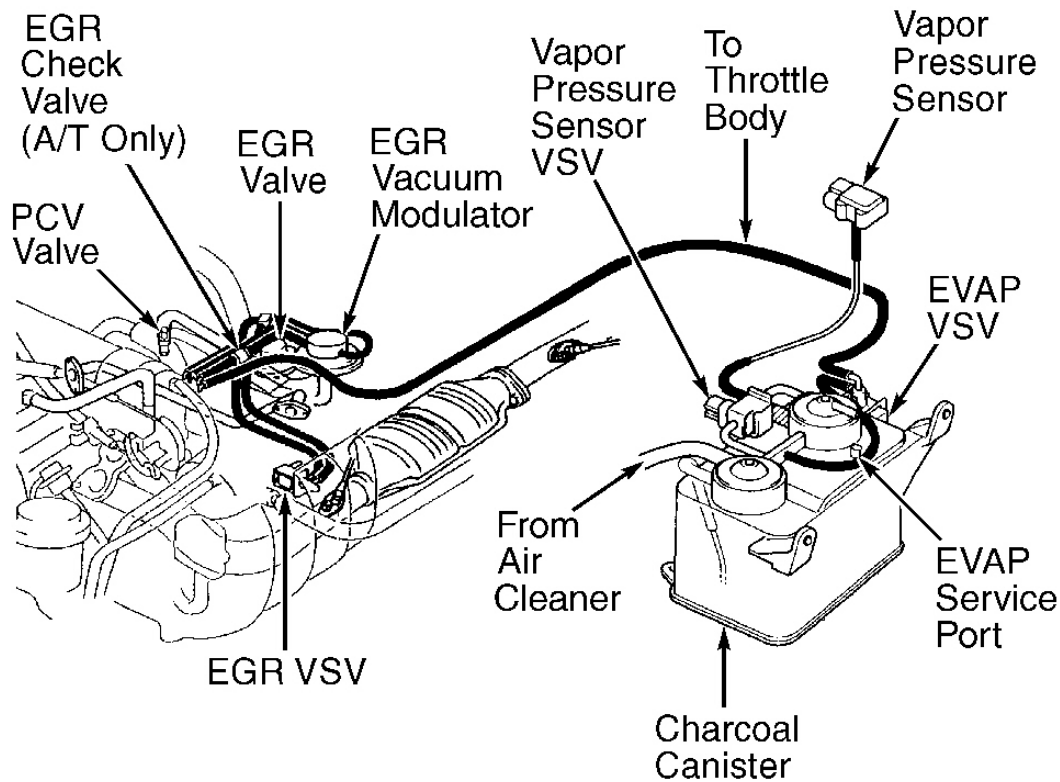
G99H52743

**Fig. 24: Vacuum Diagram (Sienna - 3 Of 3)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams

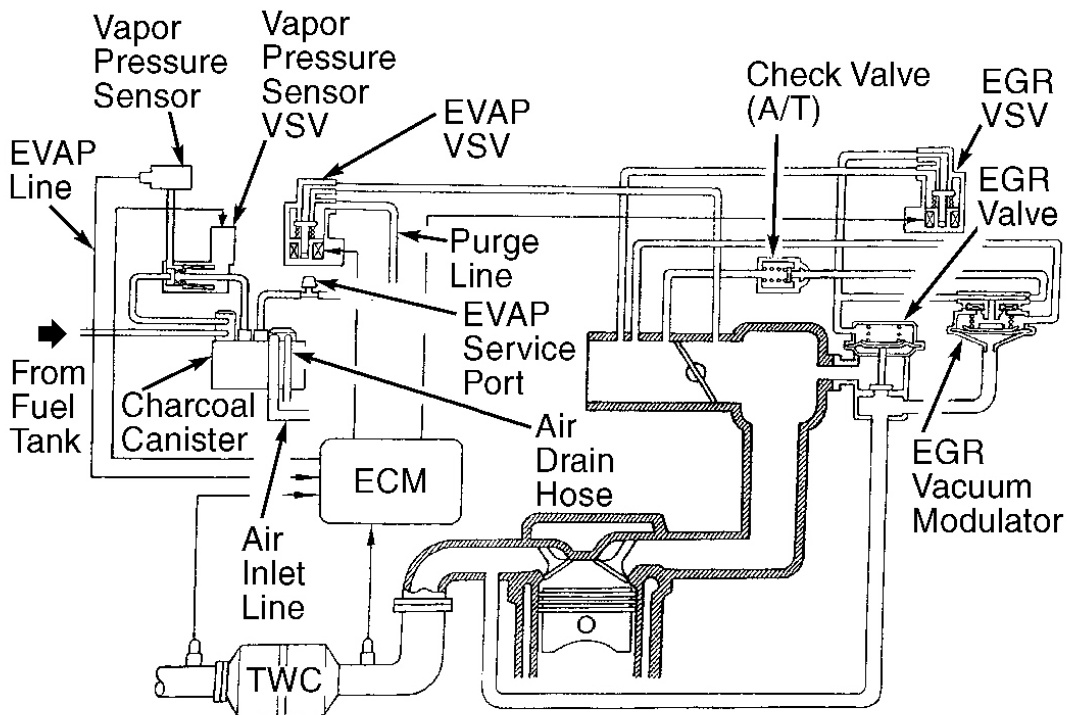


99G08315

**Fig. 25: Vacuum Diagram (Tacoma 4-Cyl. & 4Runner 4-Cyl. - 1 Of 2)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams

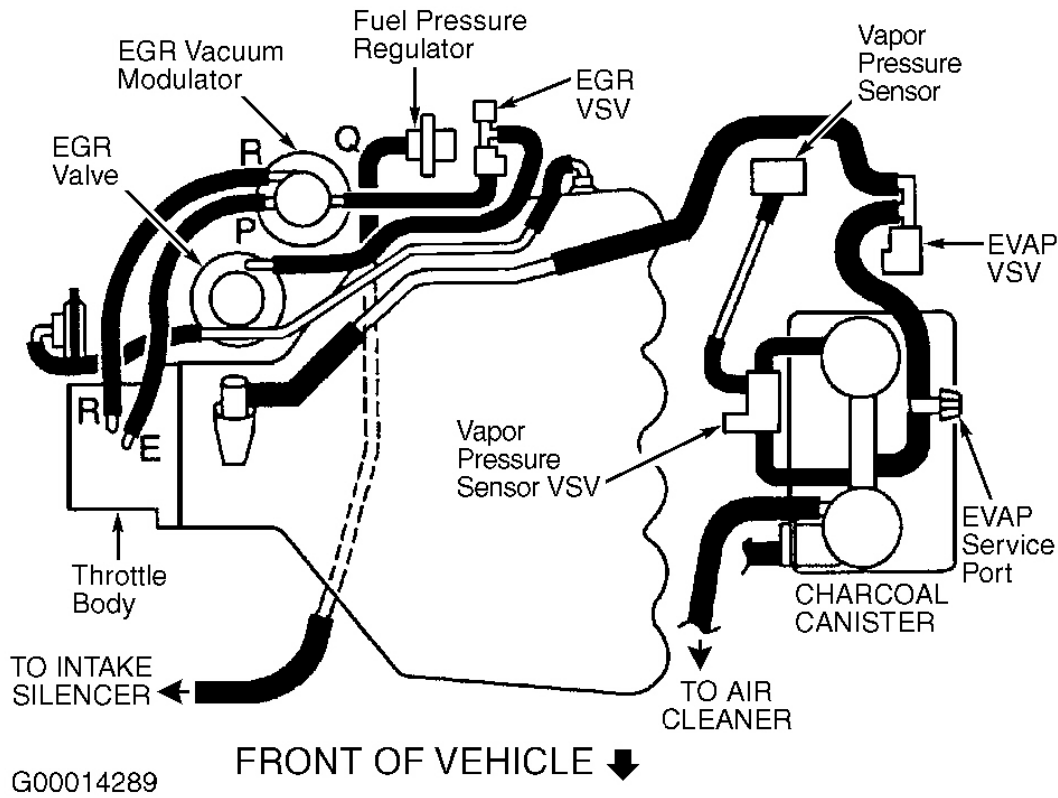


99G52742

**Fig. 26: Vacuum Diagram (Tacoma 4-Cyl. & 4Runner 4-Cyl. - 2 Of 2)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

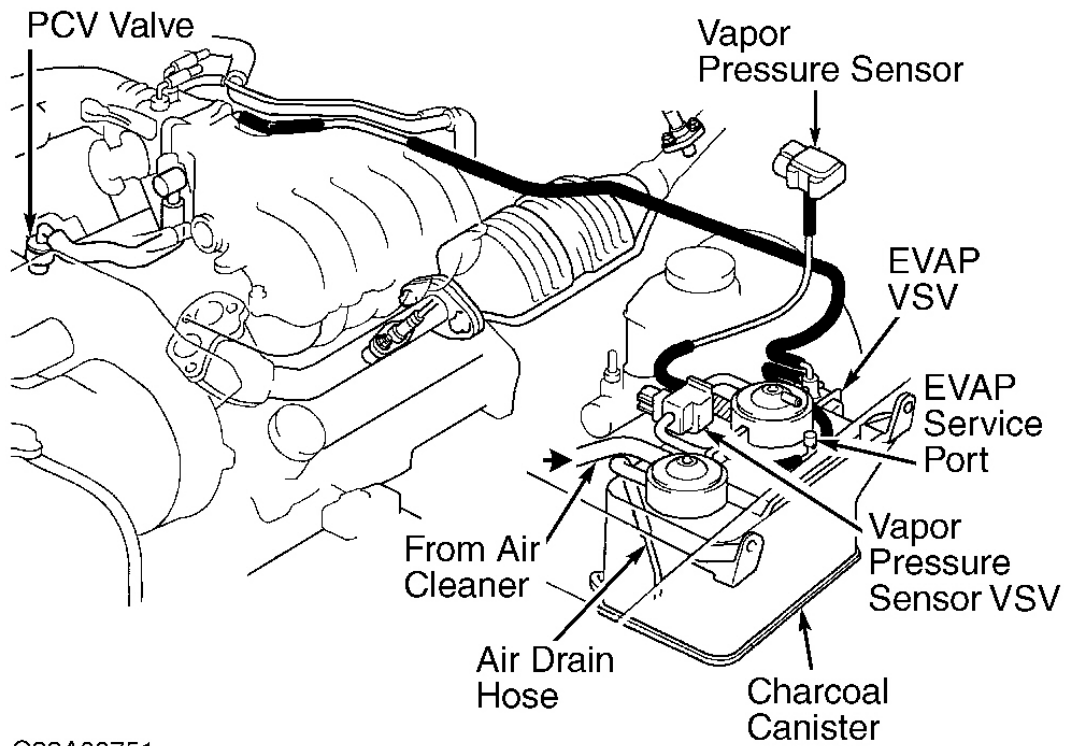
### 1999 ENGINE PERFORMANCE Vacuum Diagrams



**Fig. 27: Vacuum Diagram (Tacoma V6 Except Prerunner)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

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### 1999 ENGINE PERFORMANCE Vacuum Diagrams

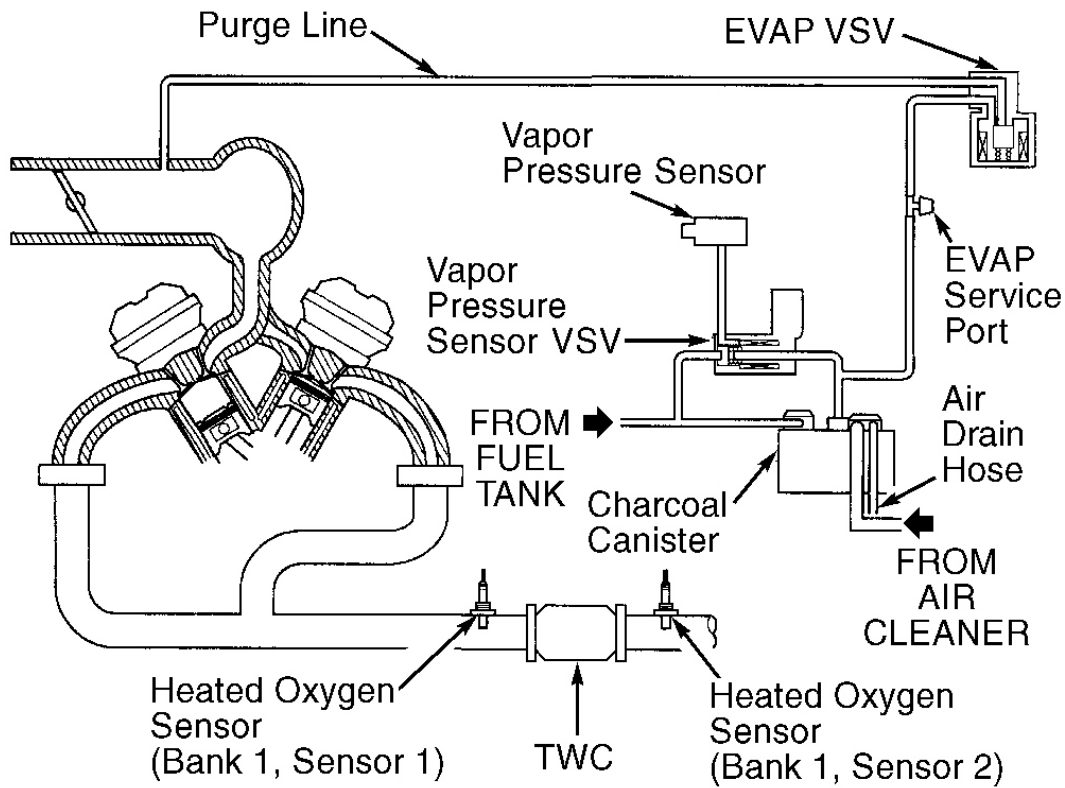


G99A08751

**Fig. 28: Vacuum Diagram (Tacoma V6 - 1 Of 2)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

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### 1999 ENGINE PERFORMANCE Vacuum Diagrams



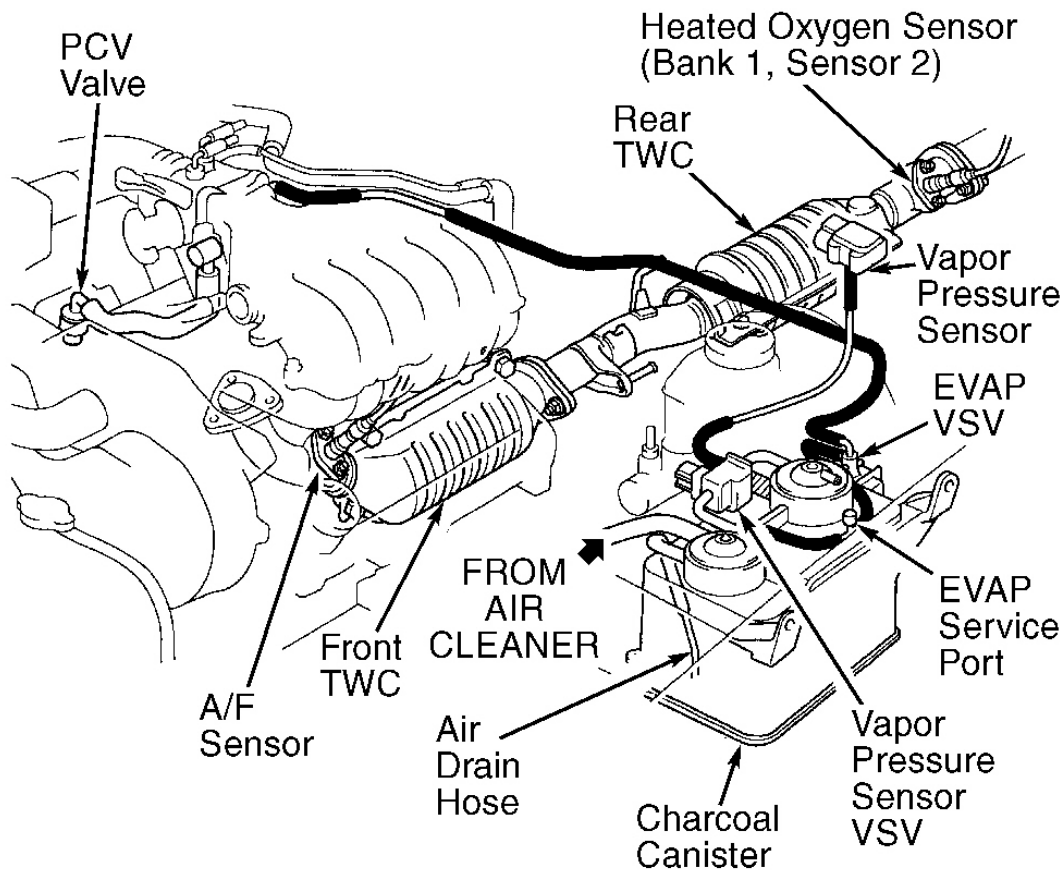
G99E52740

**Fig. 29: Vacuum Diagram (Tacoma V6 - 2 Of 2)**

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams



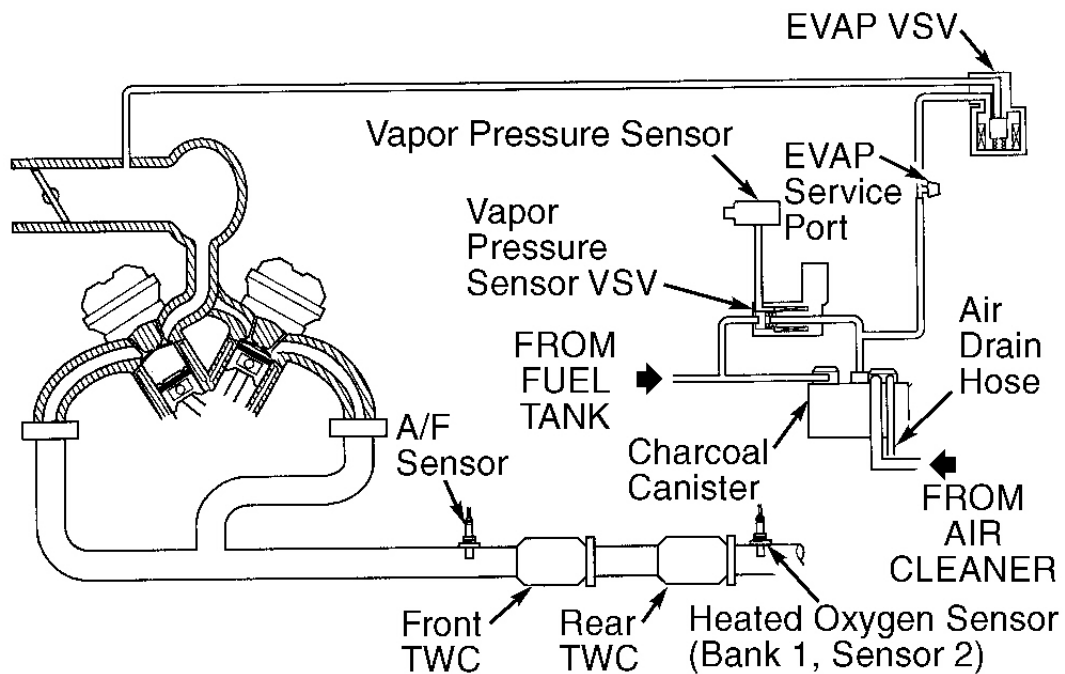
G99D52756

**Fig. 30: Vacuum Diagram (4Runner V6 Calif. - 1 Of 2)**

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

## 1999 Toyota RAV4

### 1999 ENGINE PERFORMANCE Vacuum Diagrams



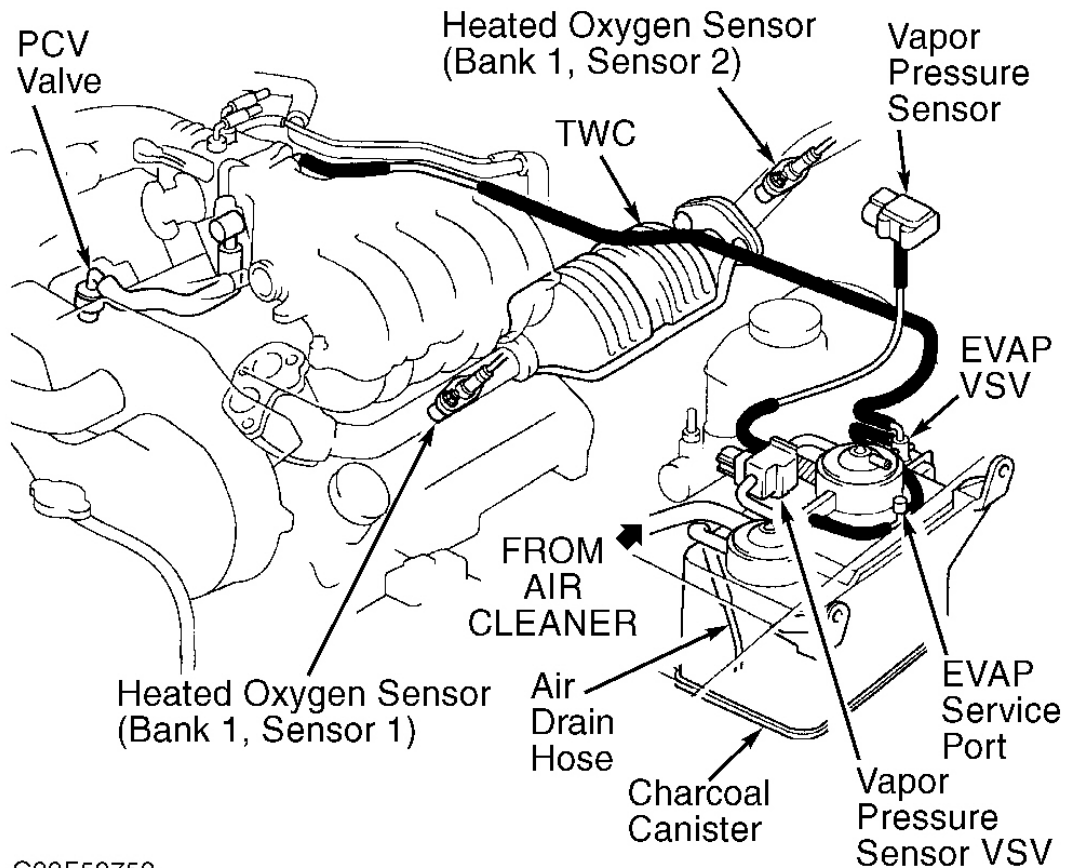
G99J52745

**Fig. 31: Vacuum Diagram (4Runner V6 Calif. - 2 Of 2)**

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

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### 1999 ENGINE PERFORMANCE Vacuum Diagrams



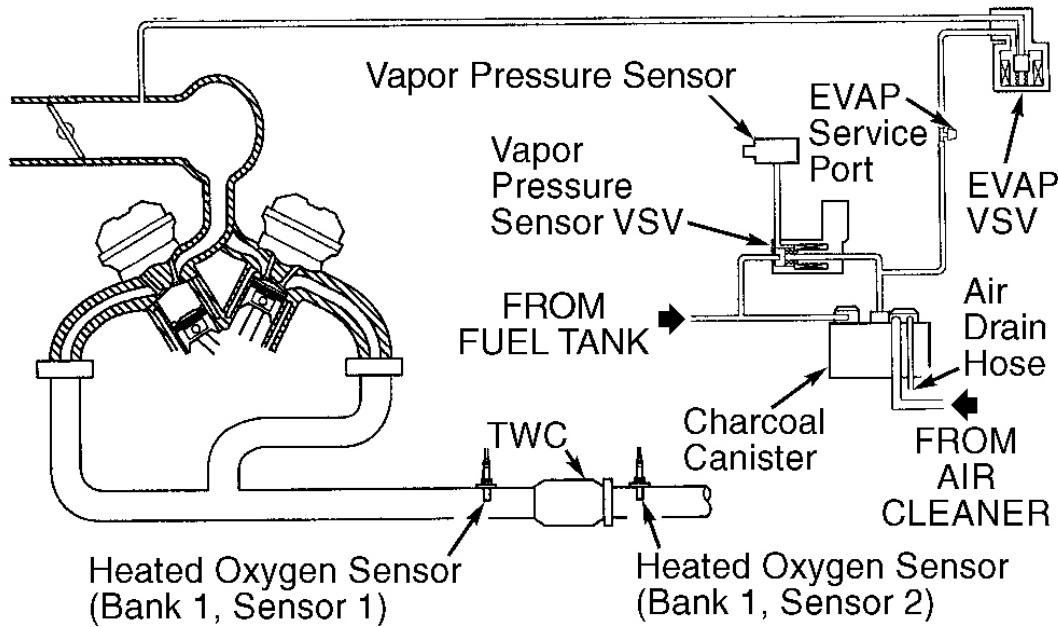
G99F52758

**Fig. 32: Vacuum Diagram (4Runner V6 Except Calif. - 1 Of 2)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



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### 1999 ENGINE PERFORMANCE Vacuum Diagrams



G99B52747

**Fig. 33: Vacuum Diagram (4Runner V6 Except Calif. - 2 Of 2)**  
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.