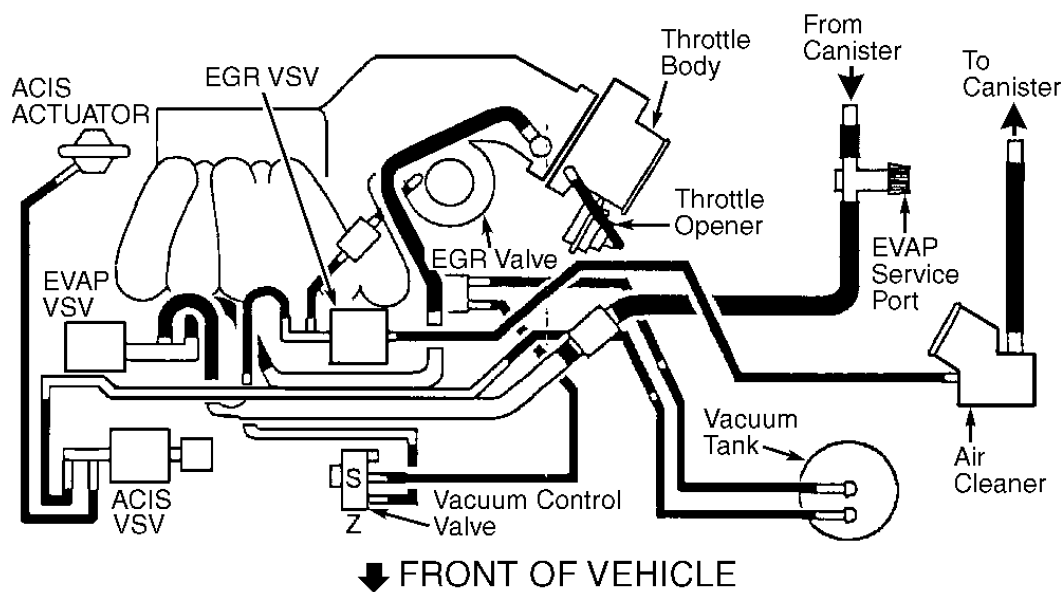


1999 ENGINE PERFORMANCE

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.



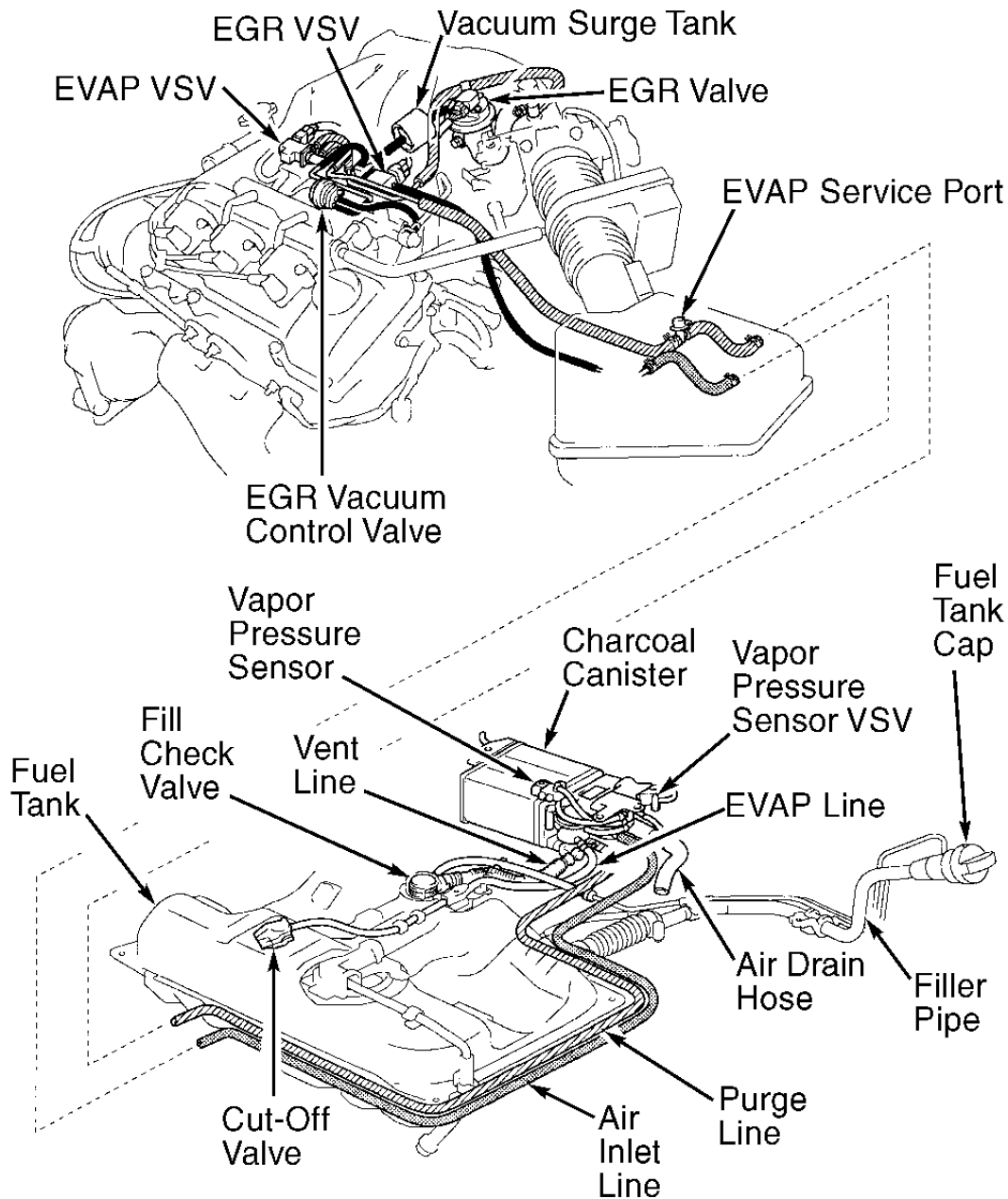
G00013135

Fig. 1: Vacuum Diagram (Avalon V6)

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

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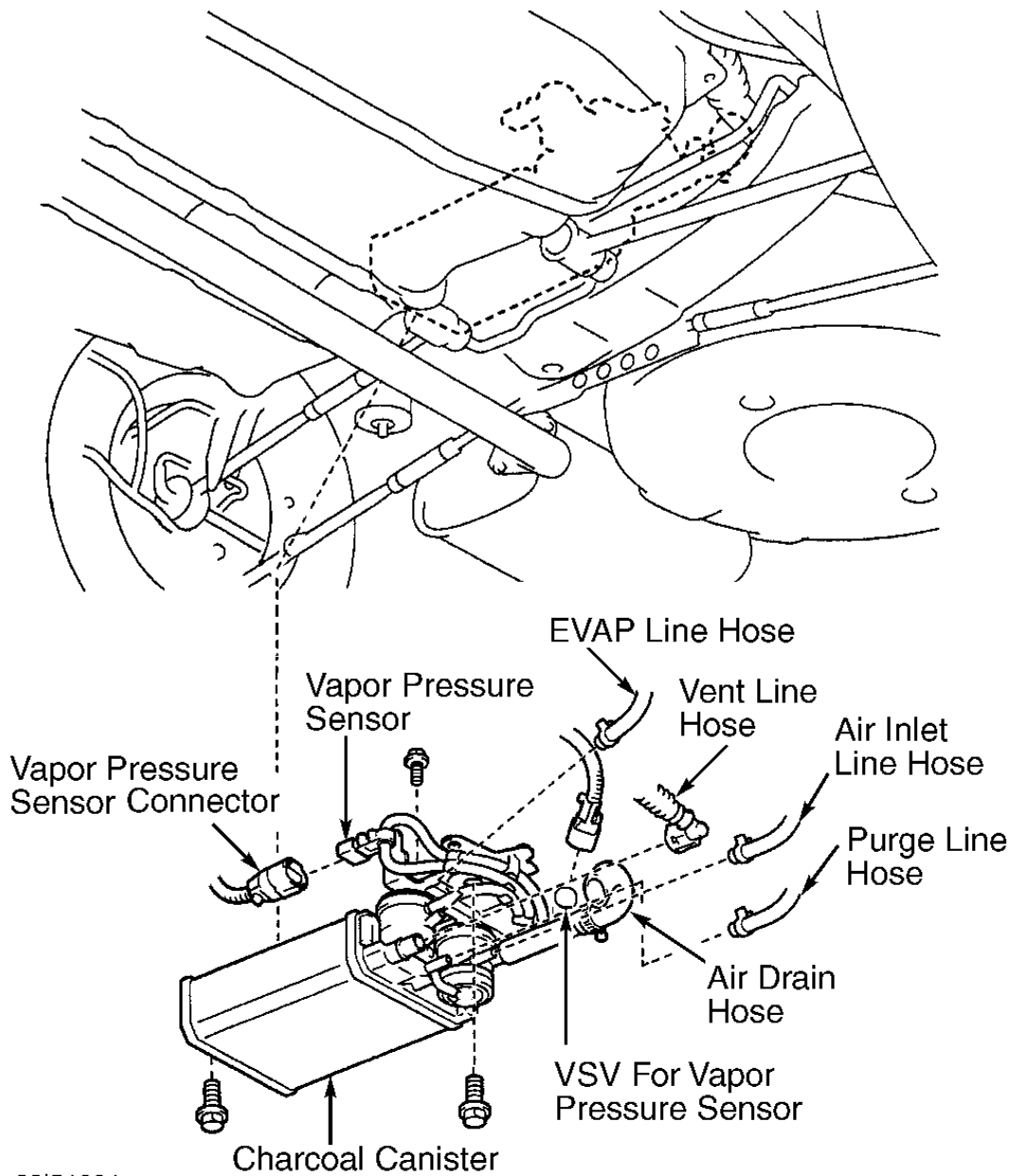


99J52729

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

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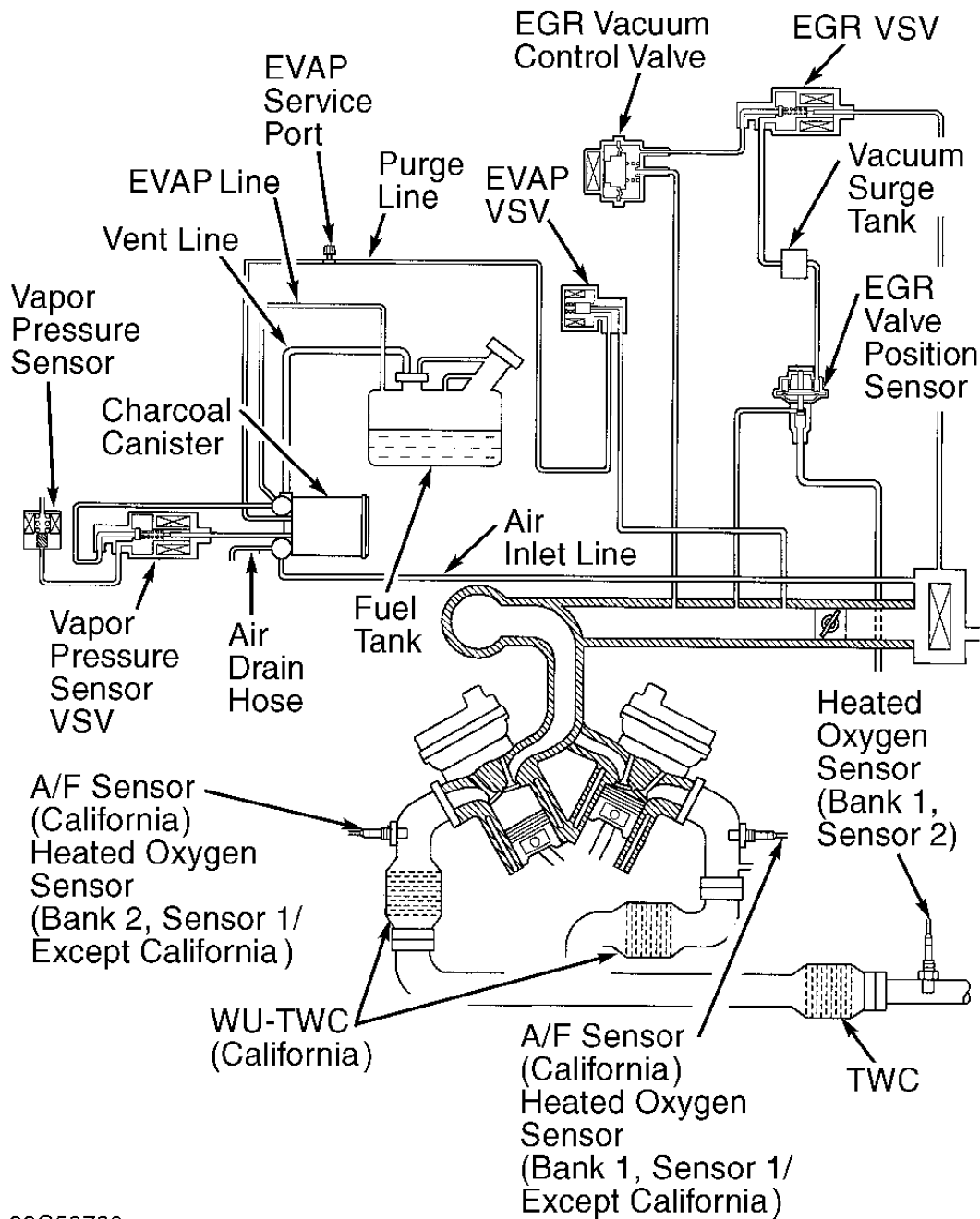


99151324

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

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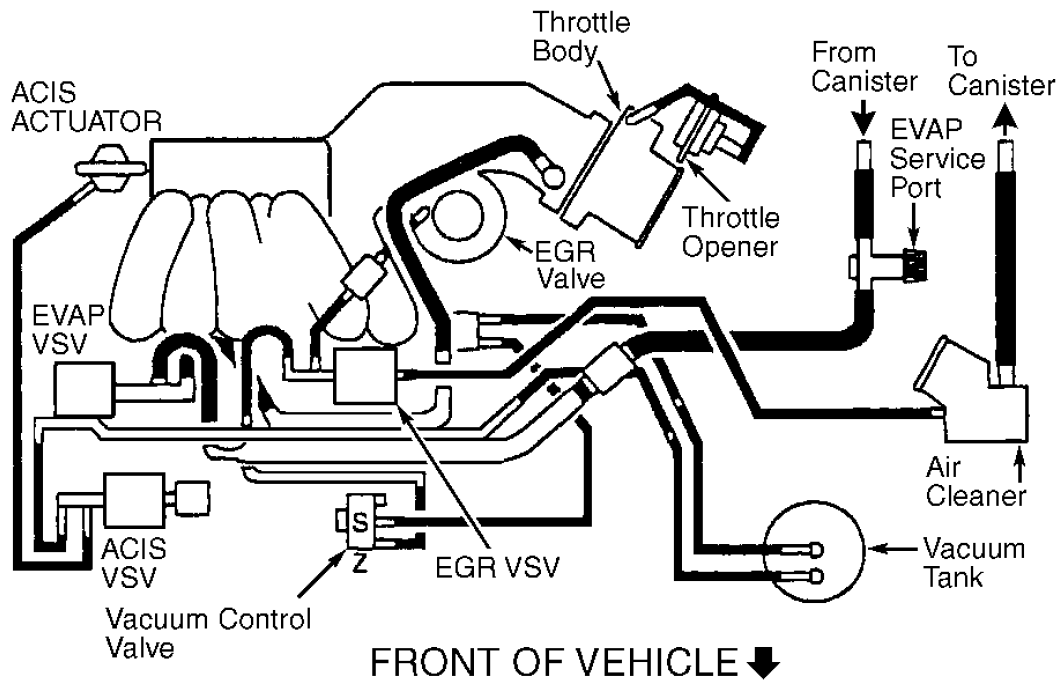
99C52730

Fig. 4: Vacuum Diagram (Avalon)

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

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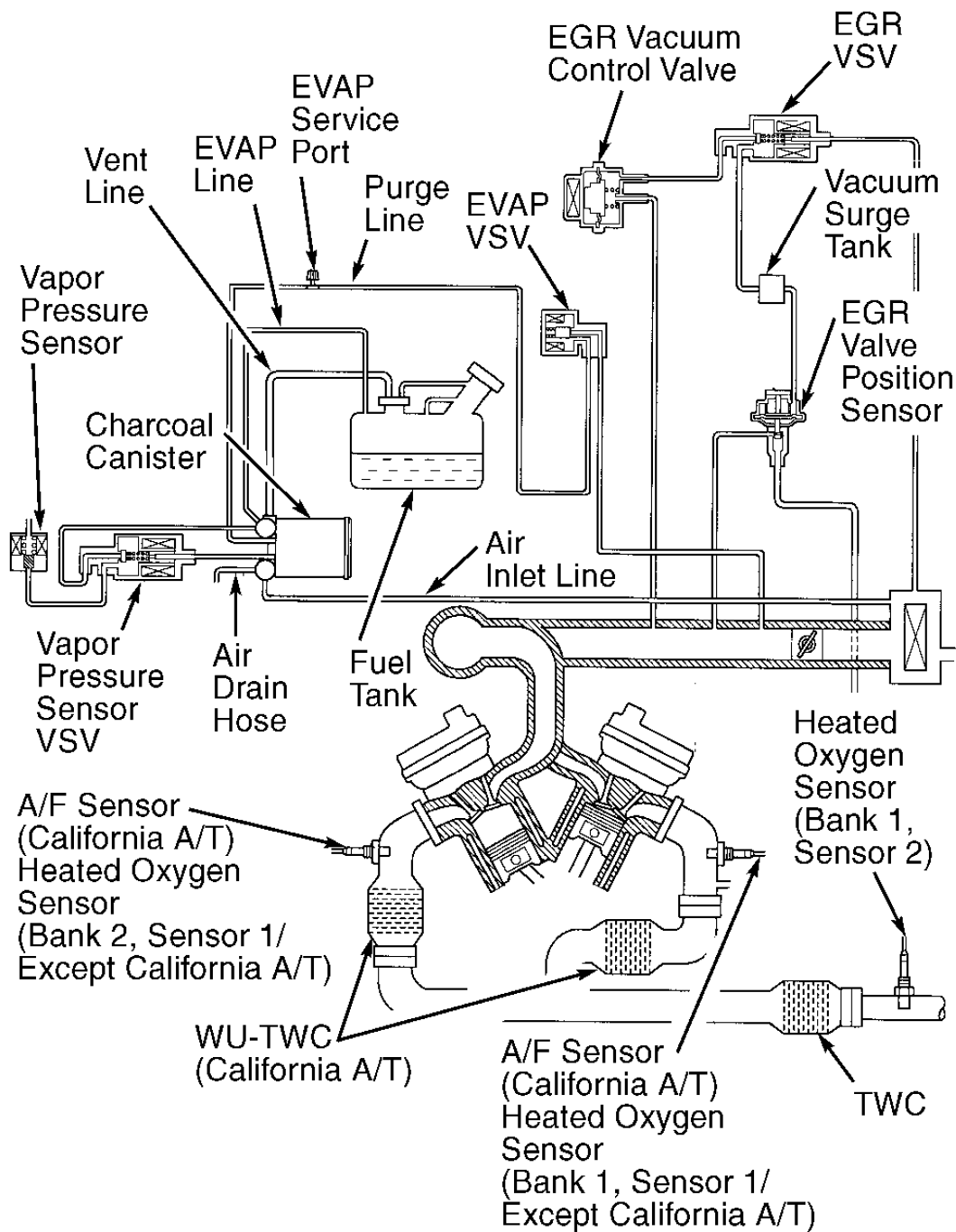


G00013139

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

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

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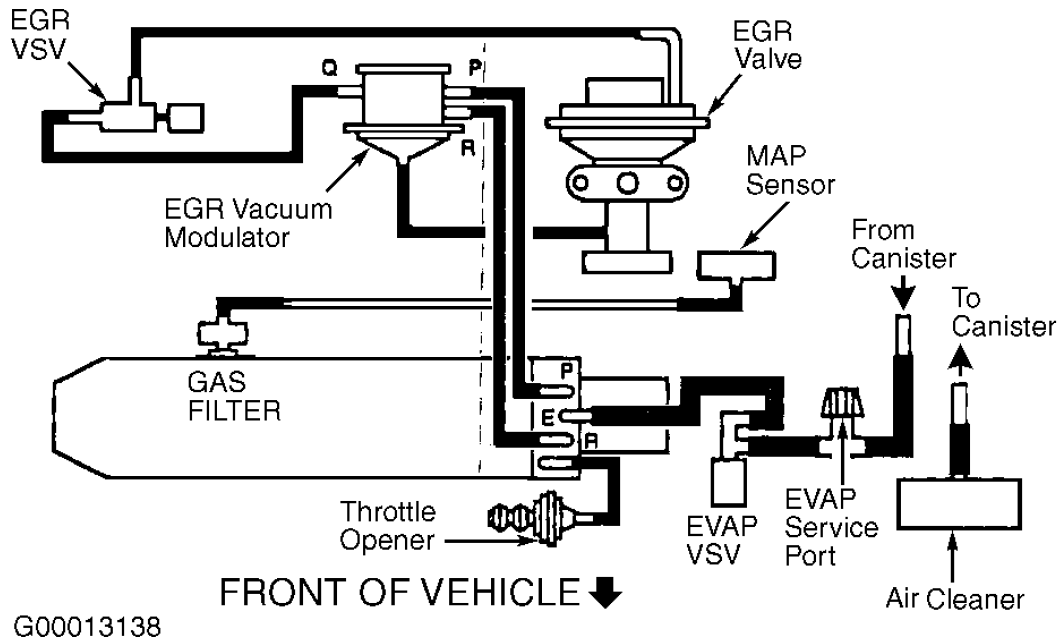
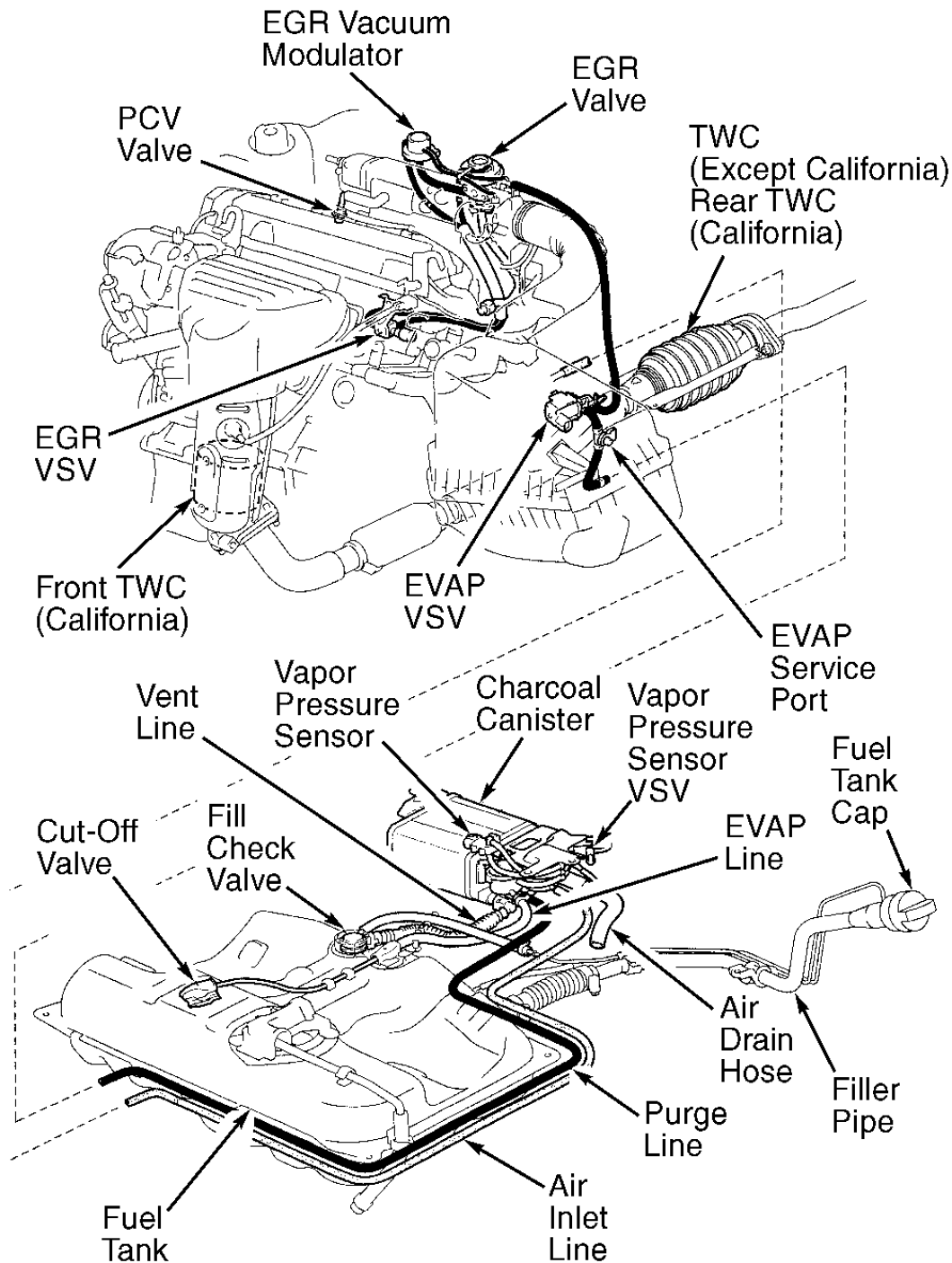


Fig. 7: Vacuum Diagram (Camry 4-Cyl. & Camry Solara 4-Cyl. - 1 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

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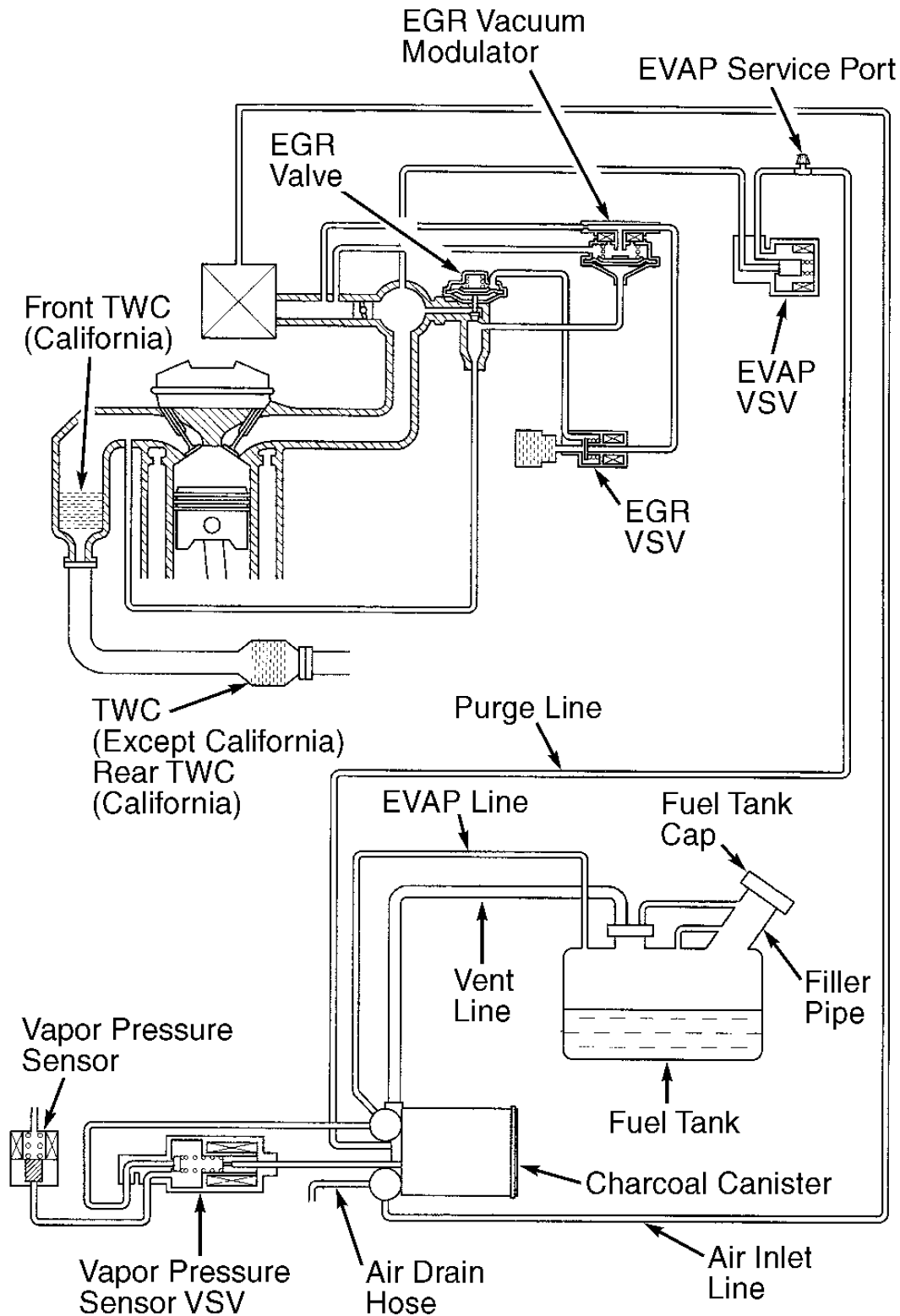


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Fig. 8: Vacuum Diagram (Camry 4-Cyl. & Camry Solara 4-Cyl. - 2 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

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

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

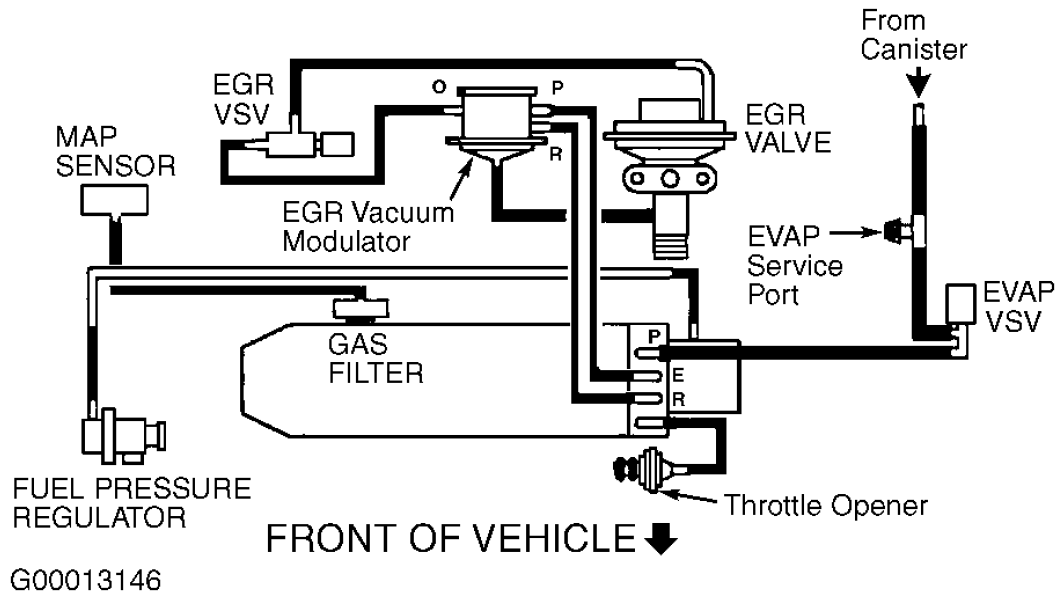
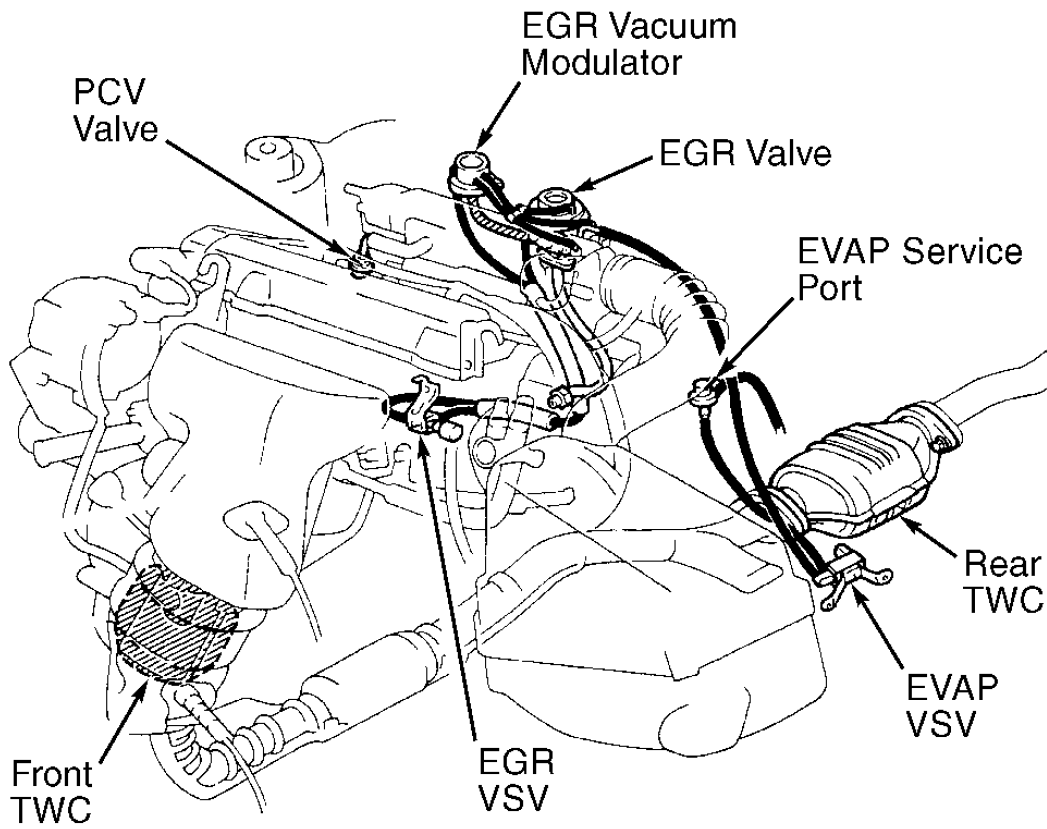


Fig. 10: Vacuum Diagram (Celica - 1 Of 3)

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

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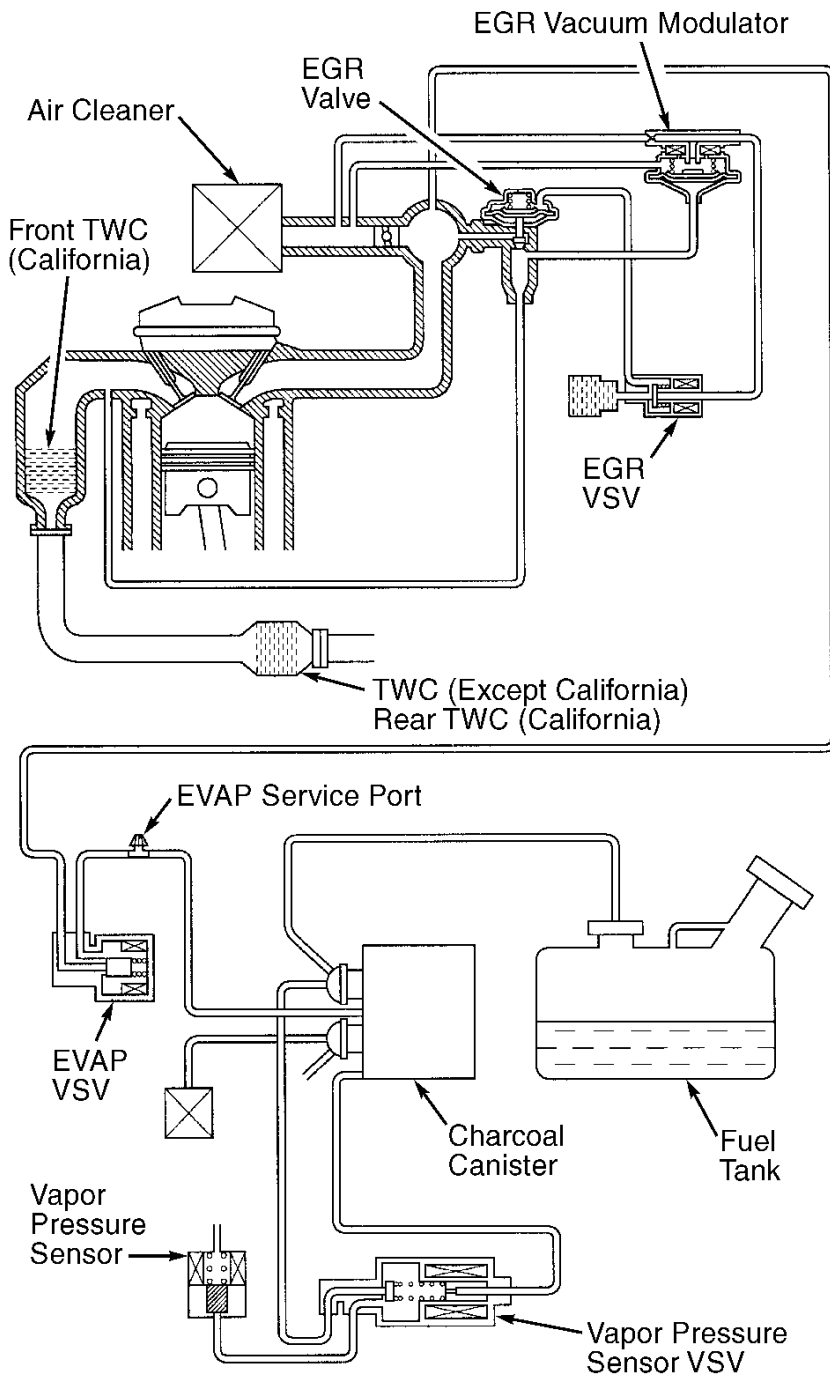
99I52736

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

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

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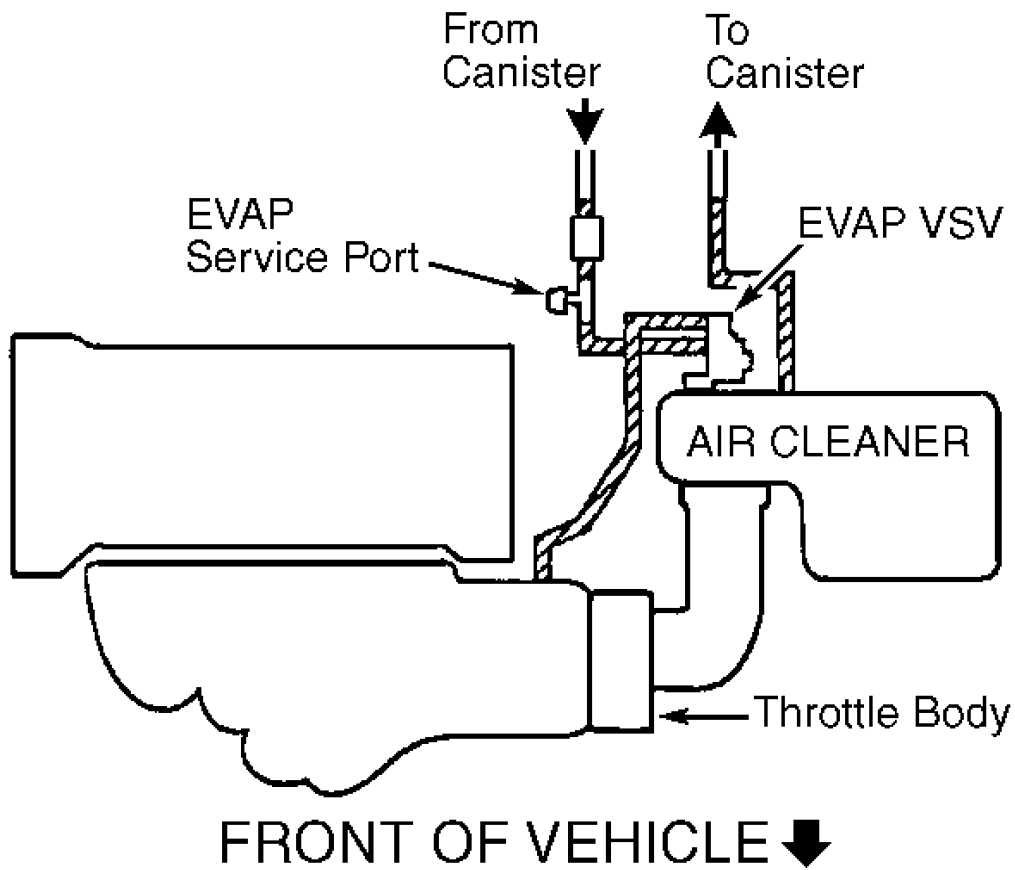


99A52738

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

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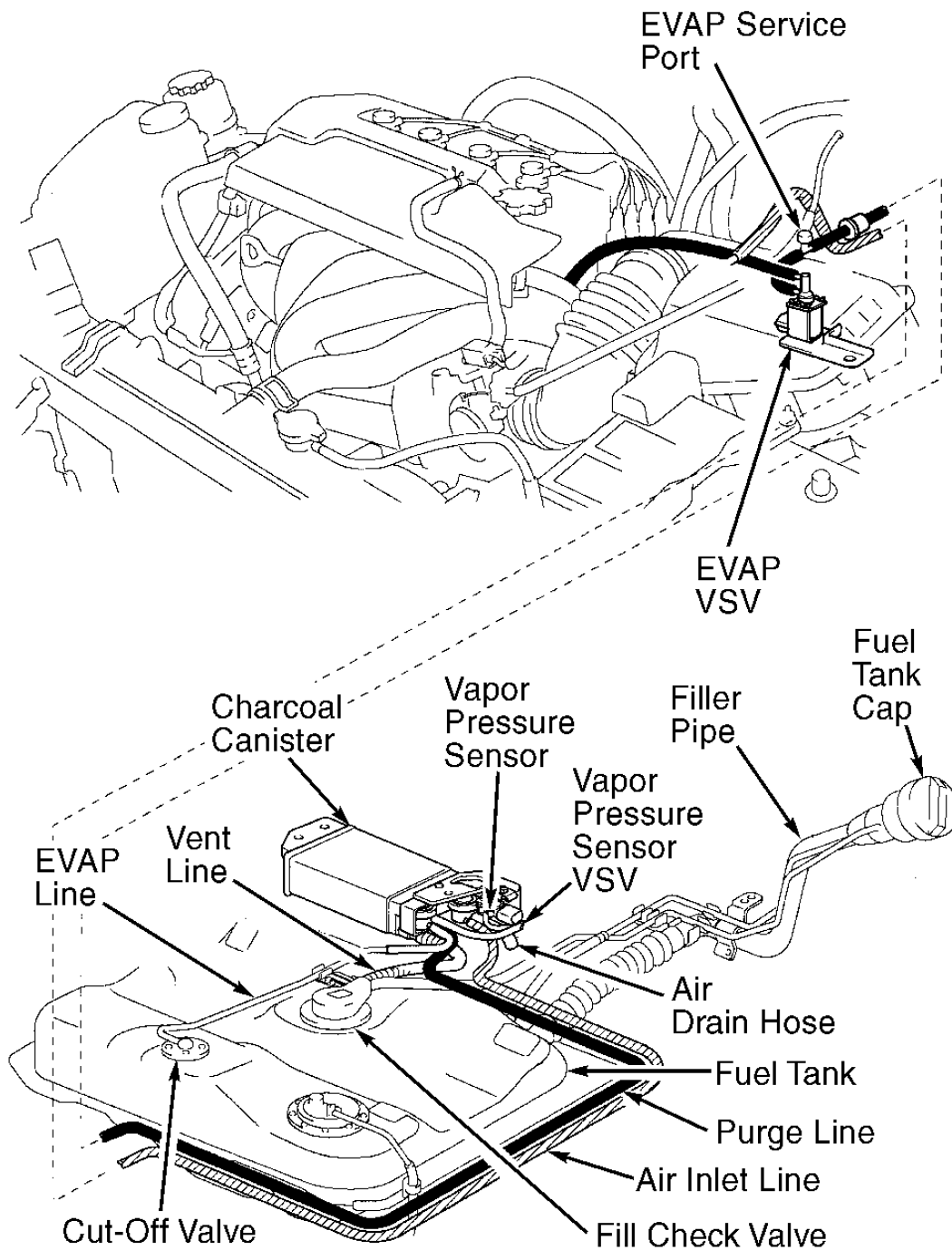
G00013150

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

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

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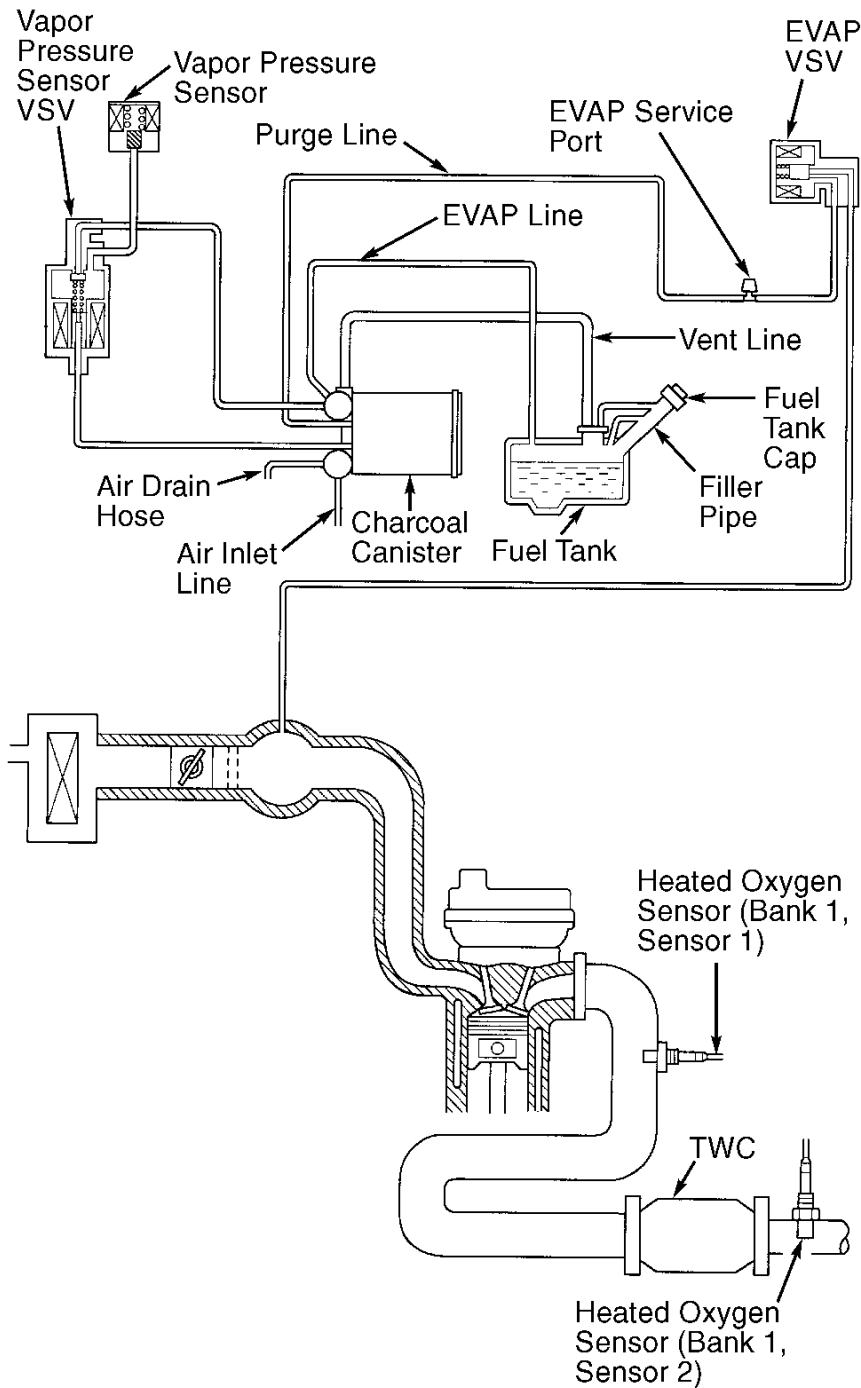


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Fig. 14: Vacuum Diagram (Corolla - 2 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

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

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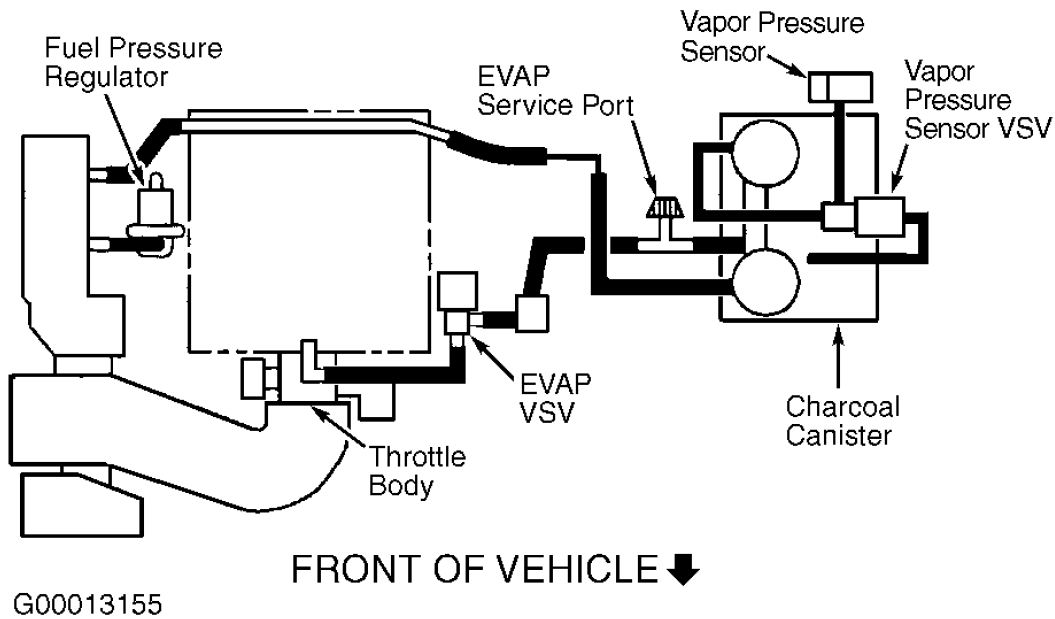
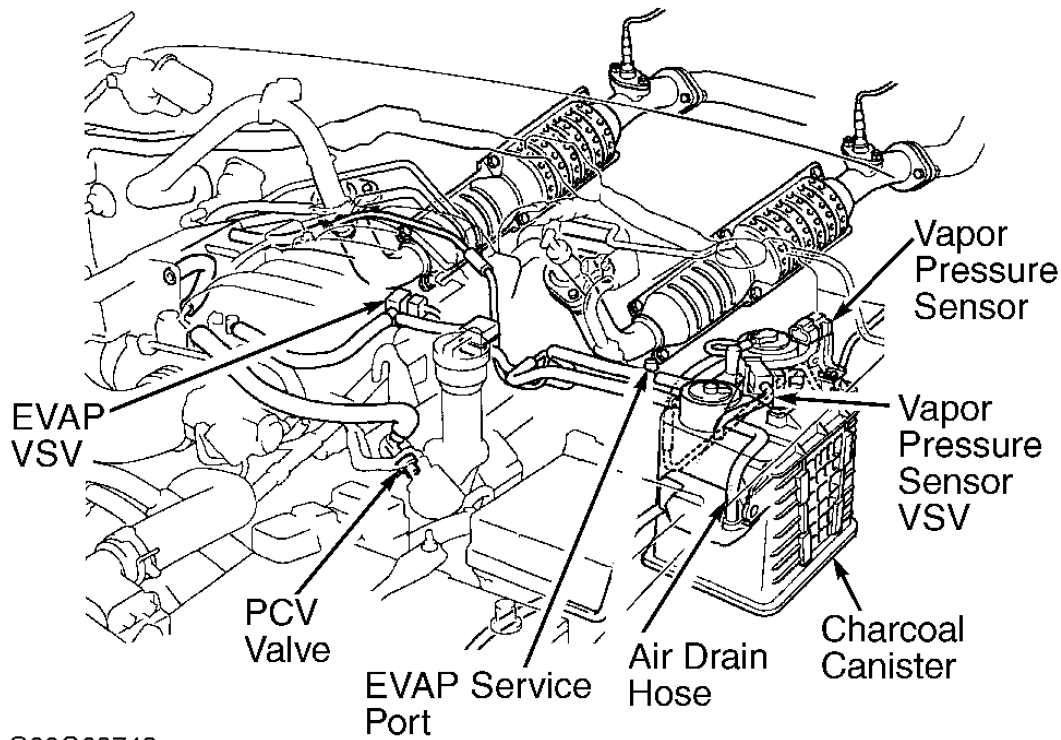


Fig. 16: Vacuum Diagram (Land Cruiser - 1 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

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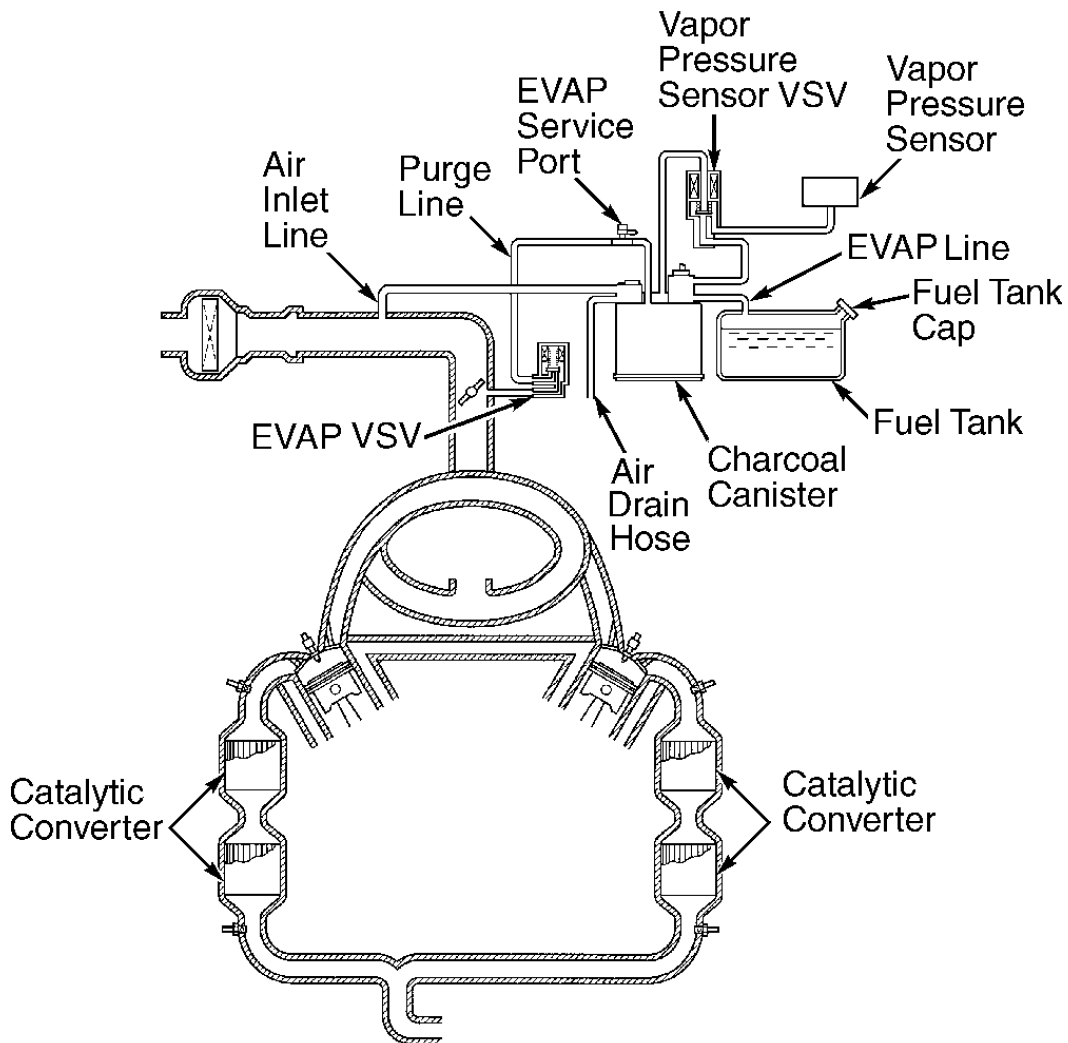


G99G08749

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

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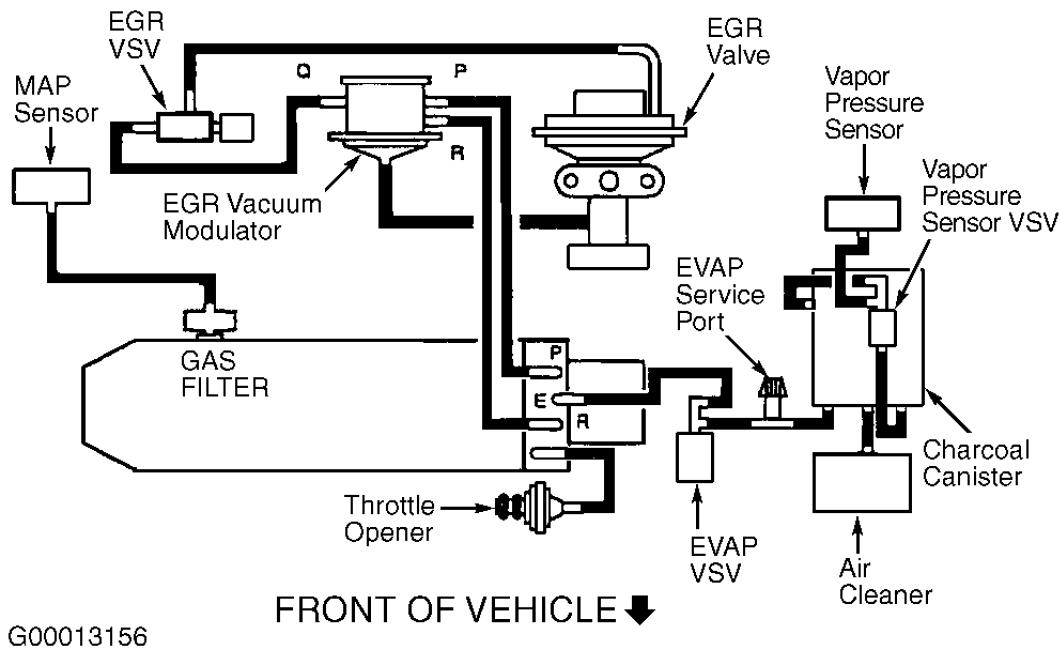


G99F52725

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

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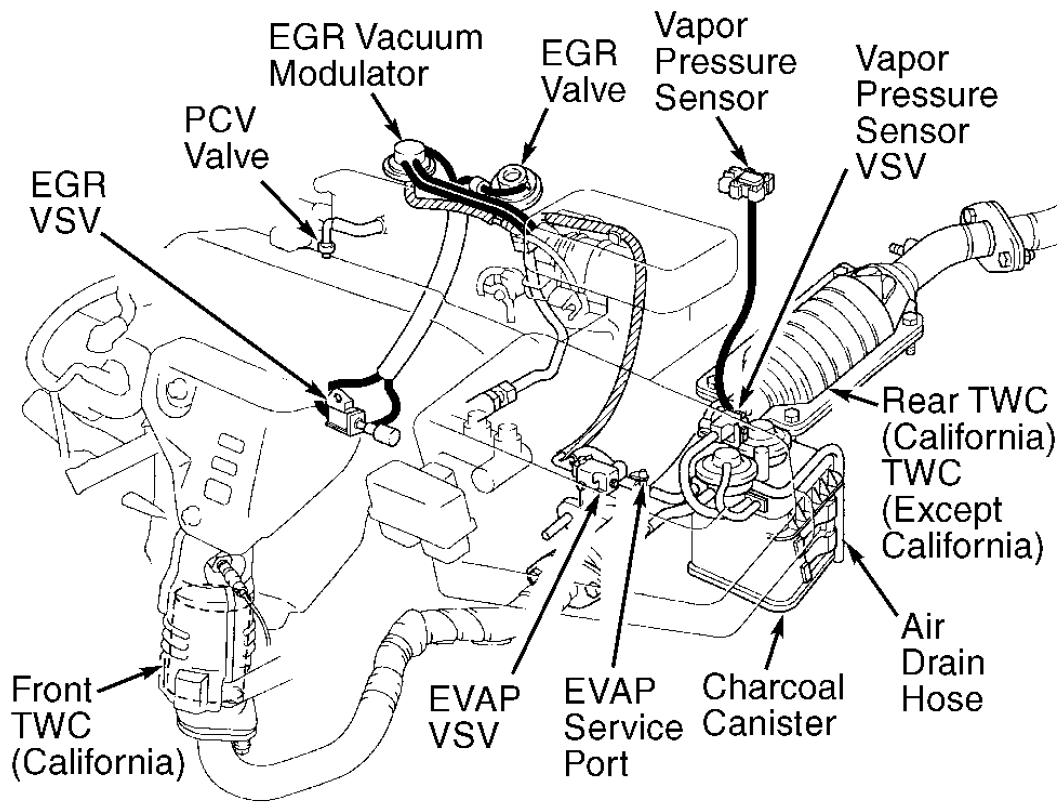


G00013156

Fig. 19: Vacuum Diagram (RAV4 - 1 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

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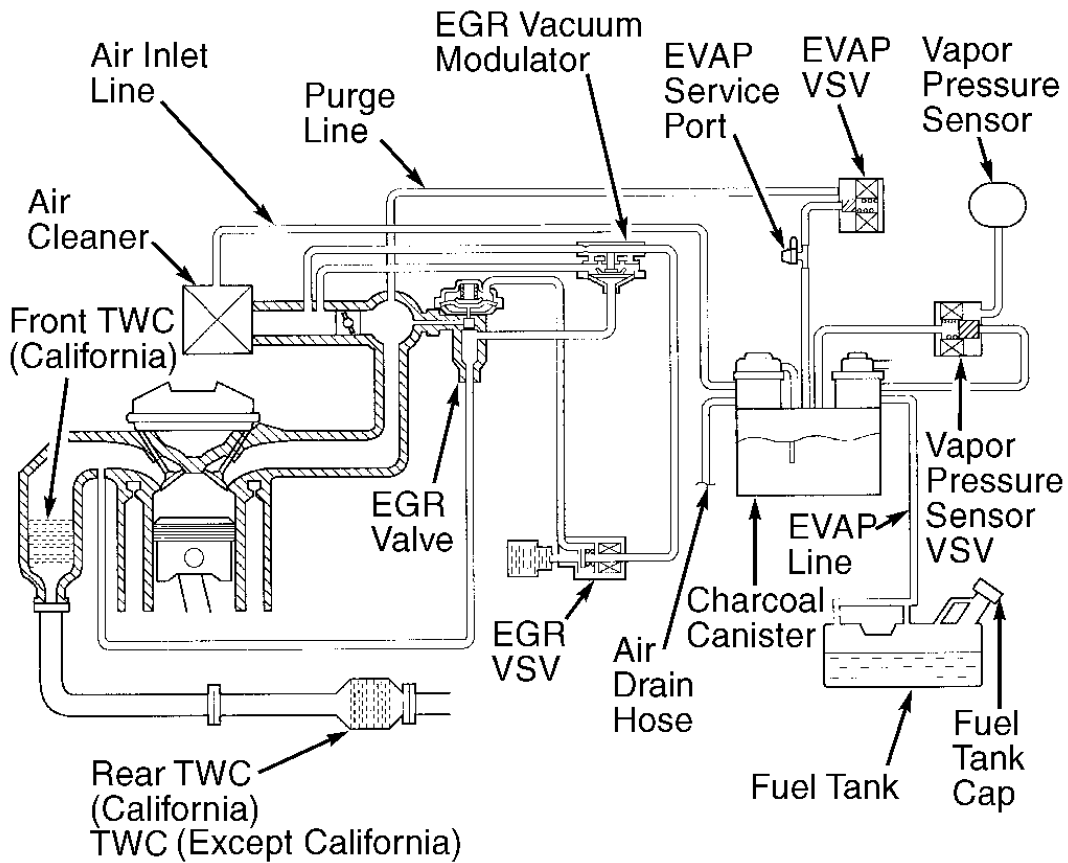


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Fig. 20: Vacuum Diagram (RAV4 - 2 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

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

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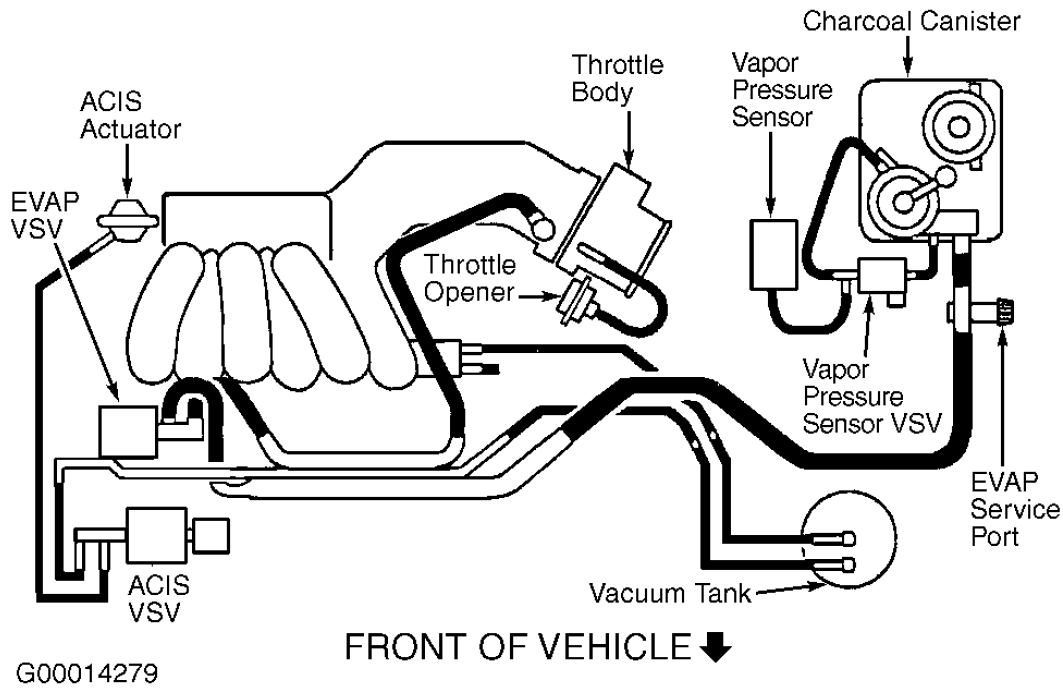
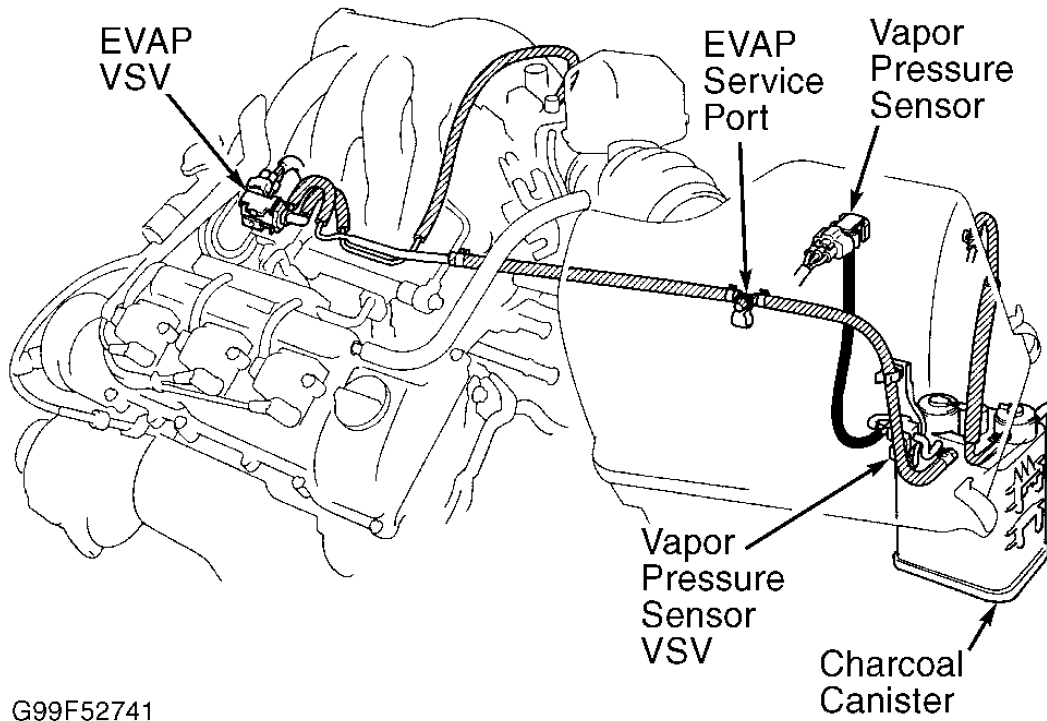


Fig. 22: Vacuum Diagram (Sienna - 1 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

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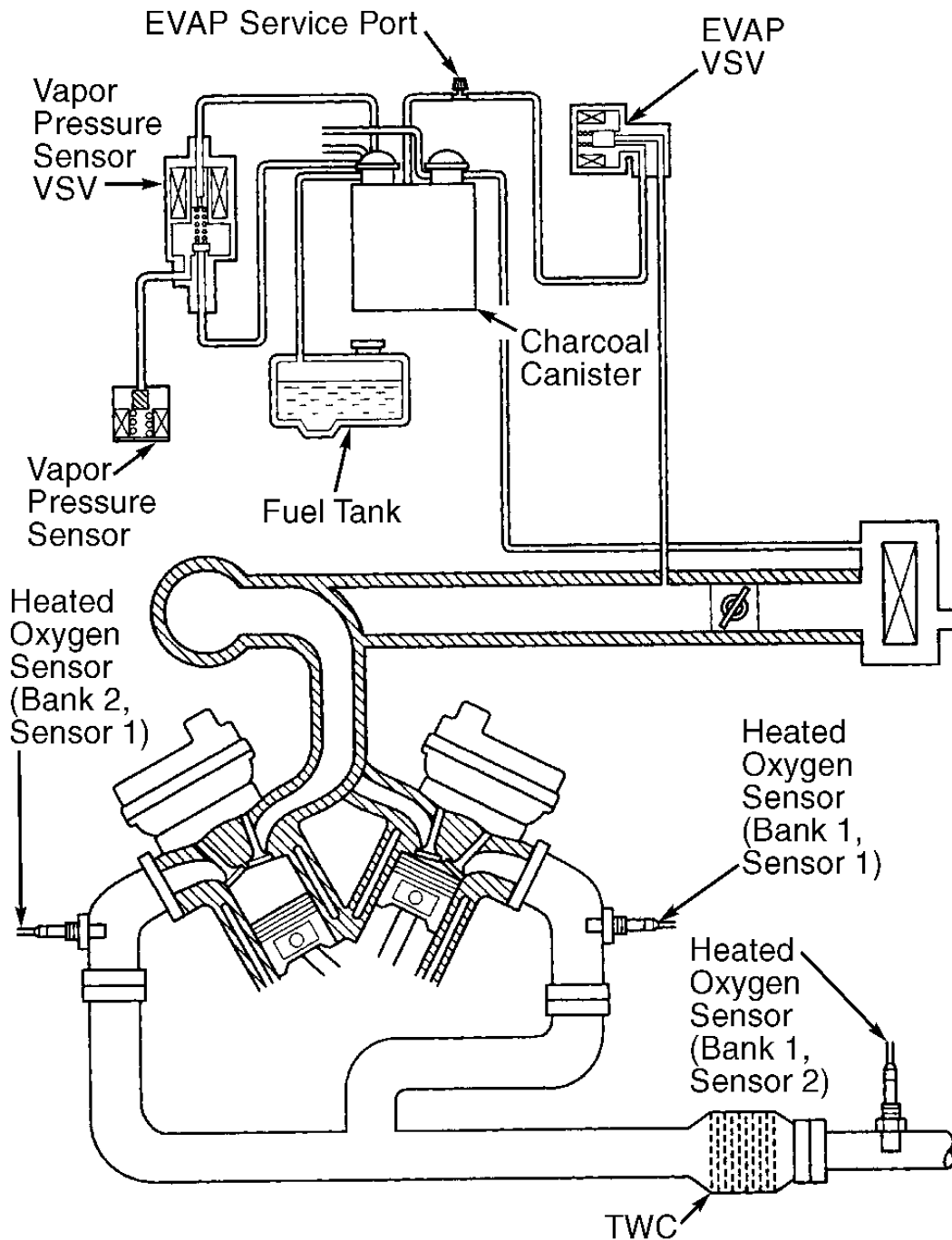


G99F52741

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

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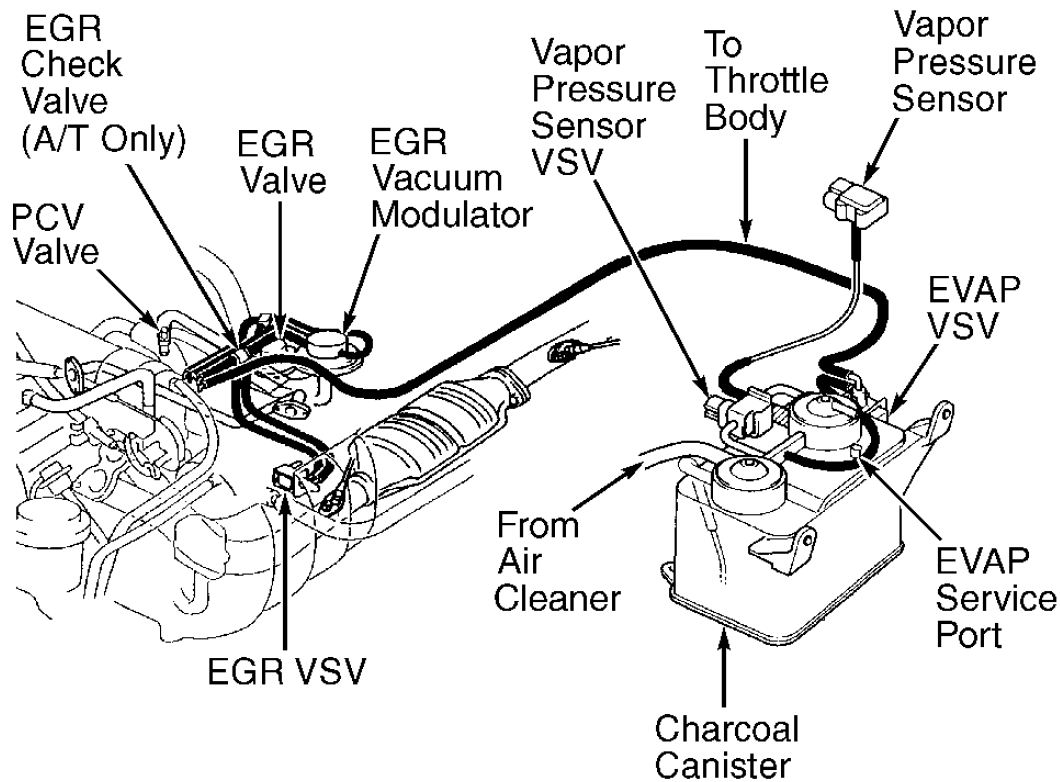


G99H52743

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

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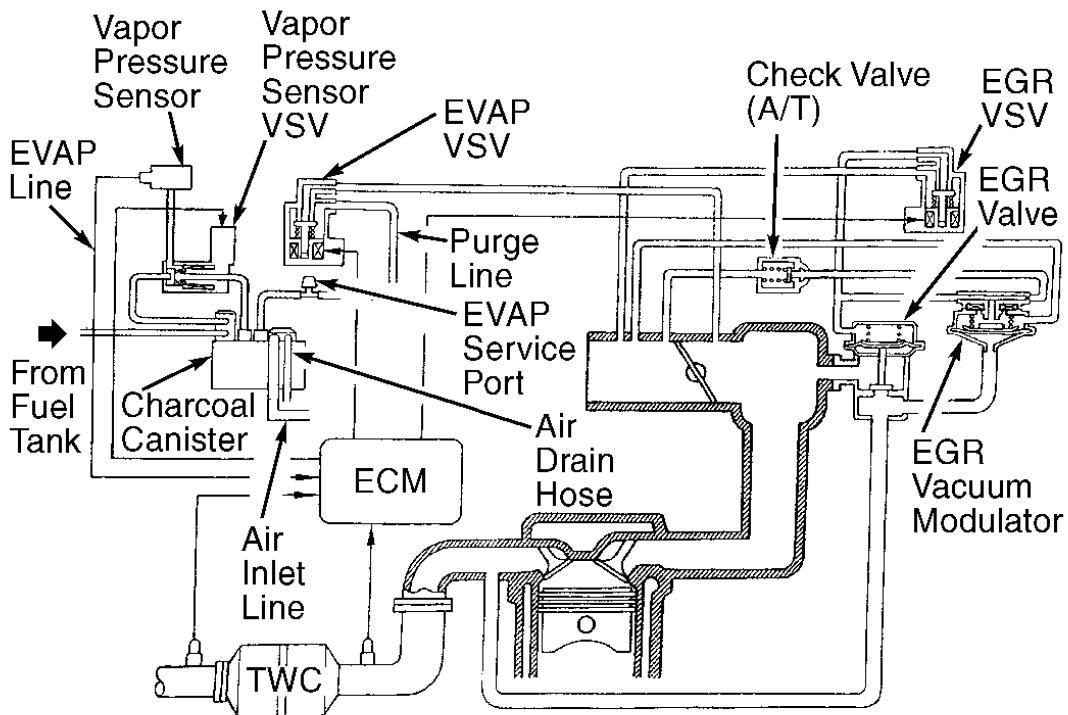


99G08315

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

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99G52742

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

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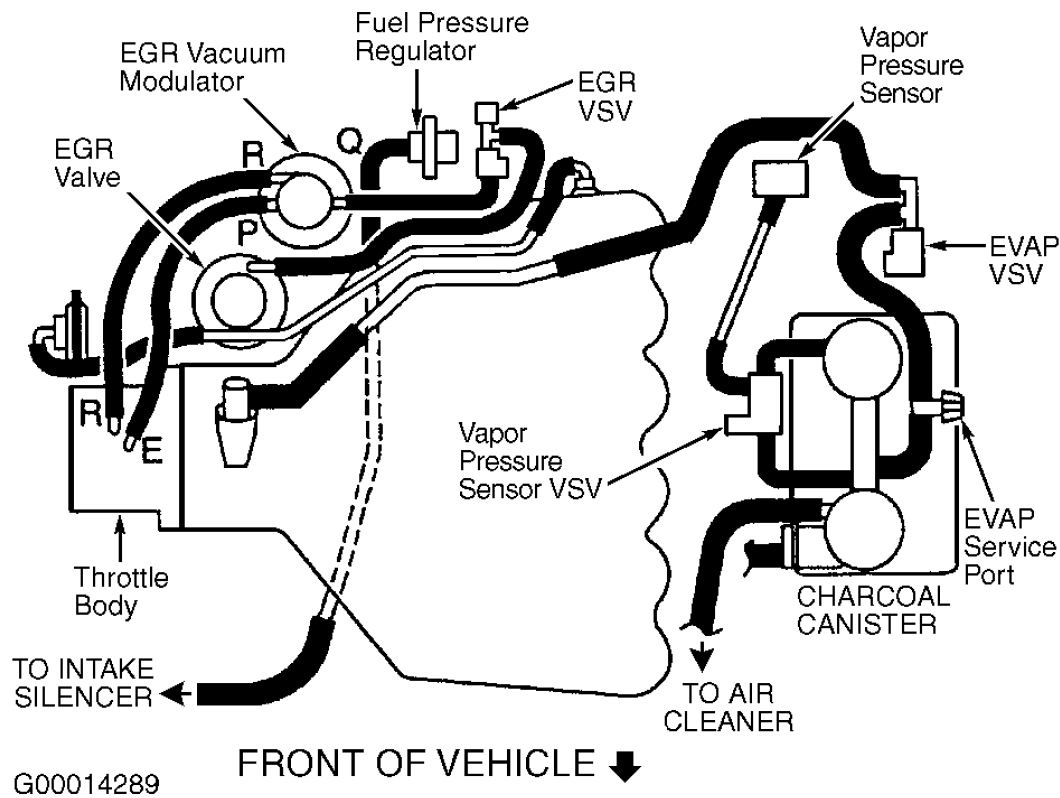
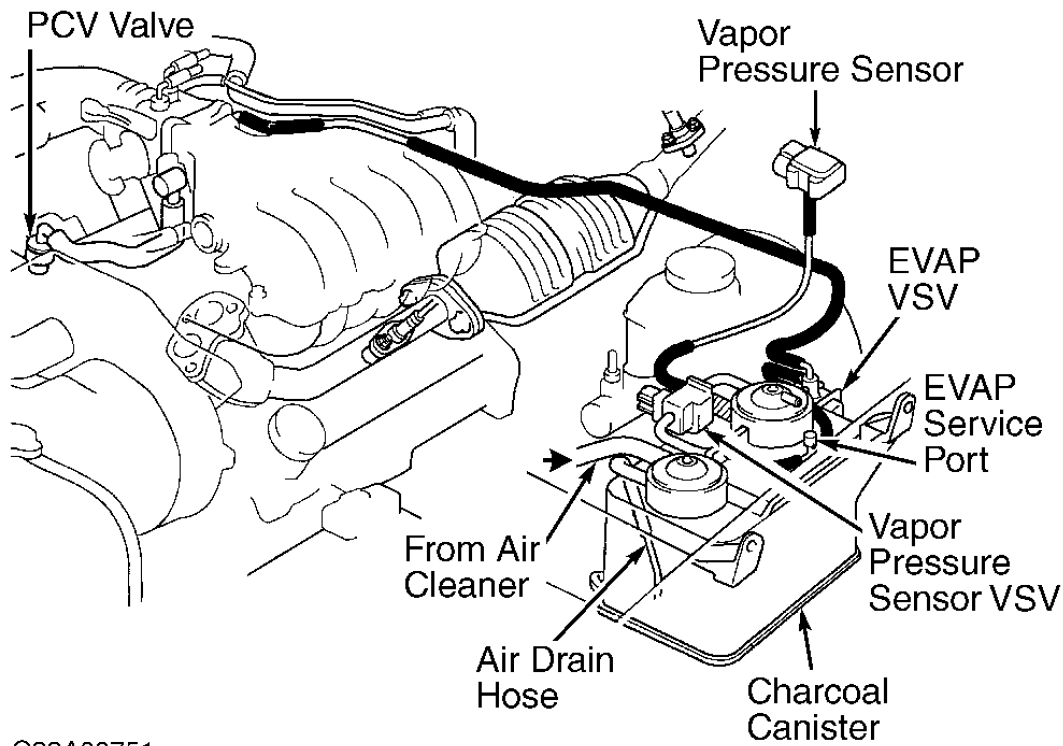


Fig. 27: Vacuum Diagram (Tacoma V6 Except Prerunner)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

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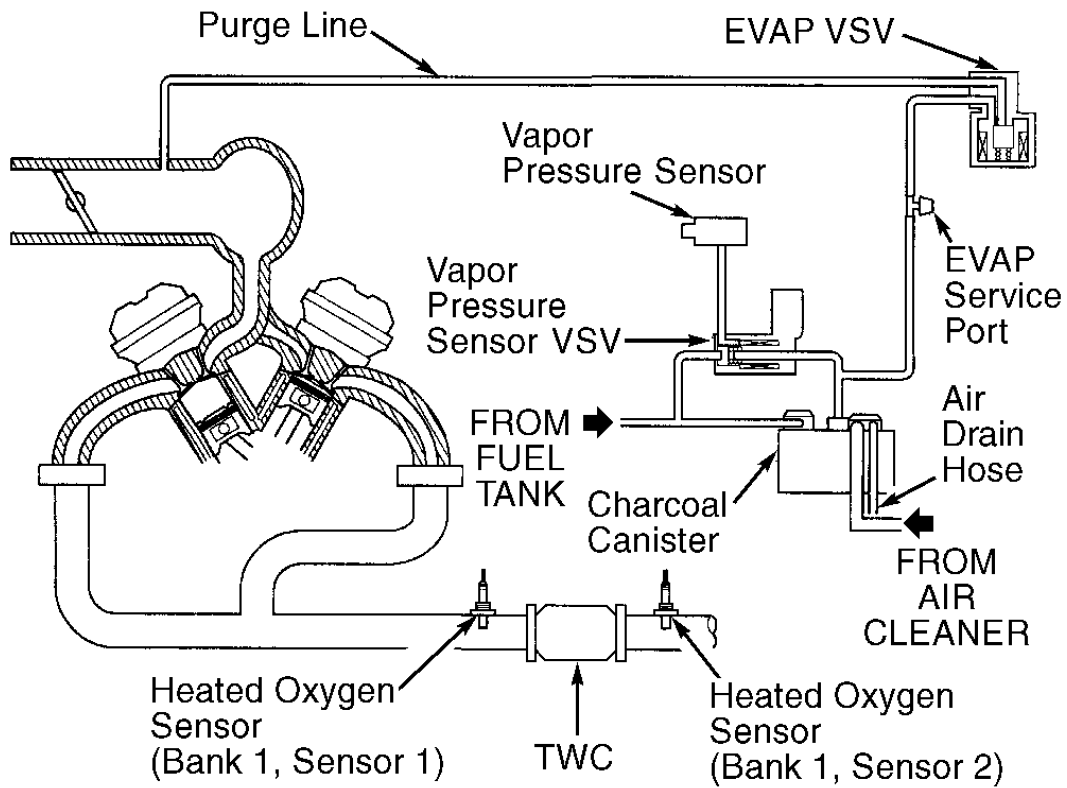


G99A08751

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

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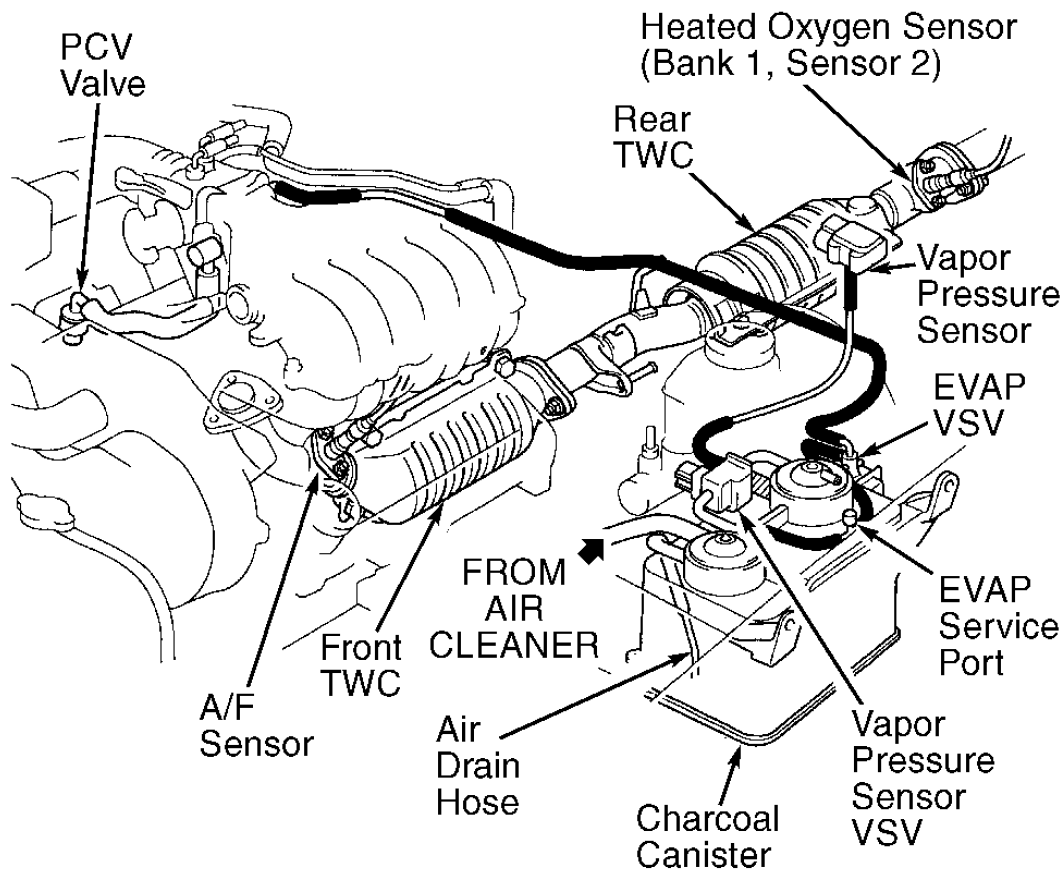
G99E52740

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

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

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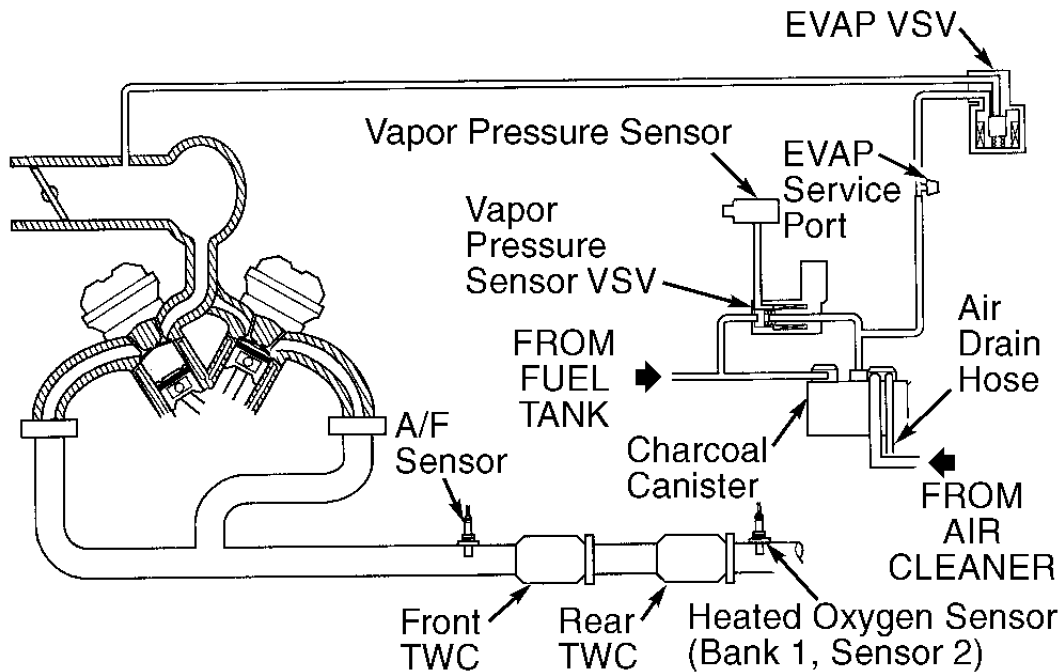
G99D52756

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

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

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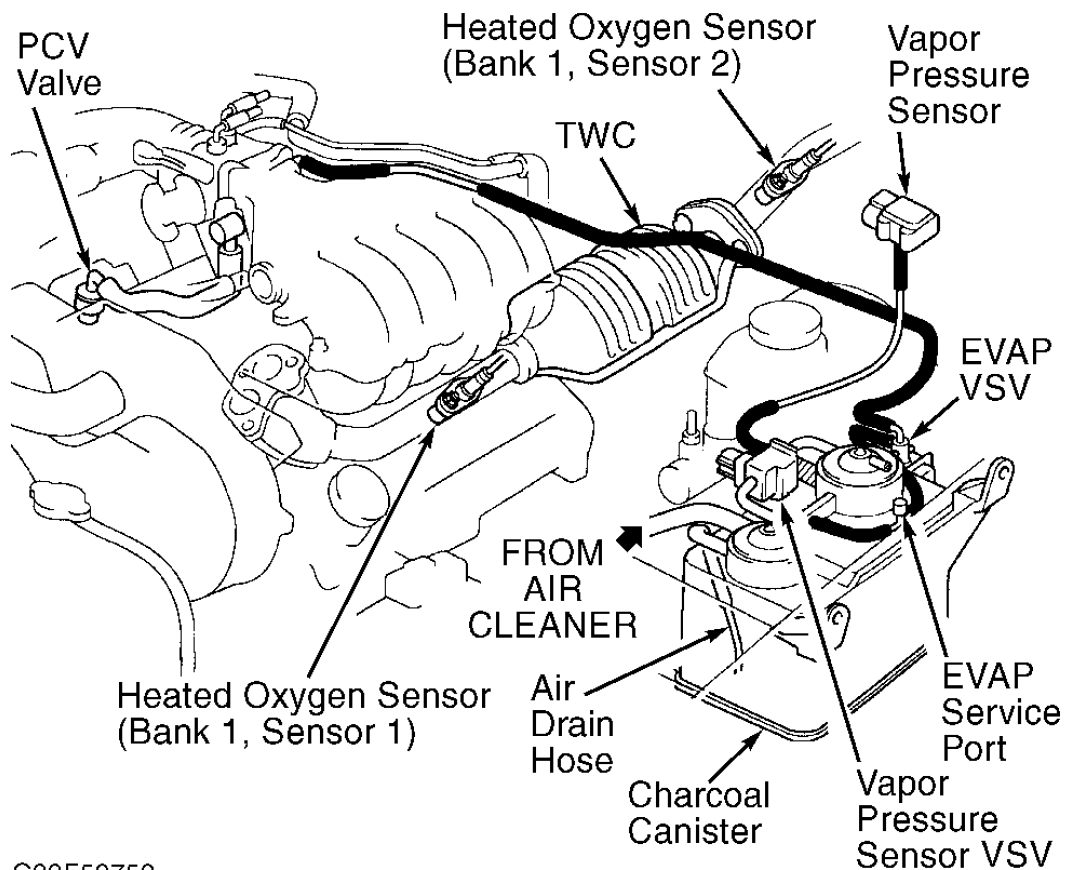
G99J52745

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

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

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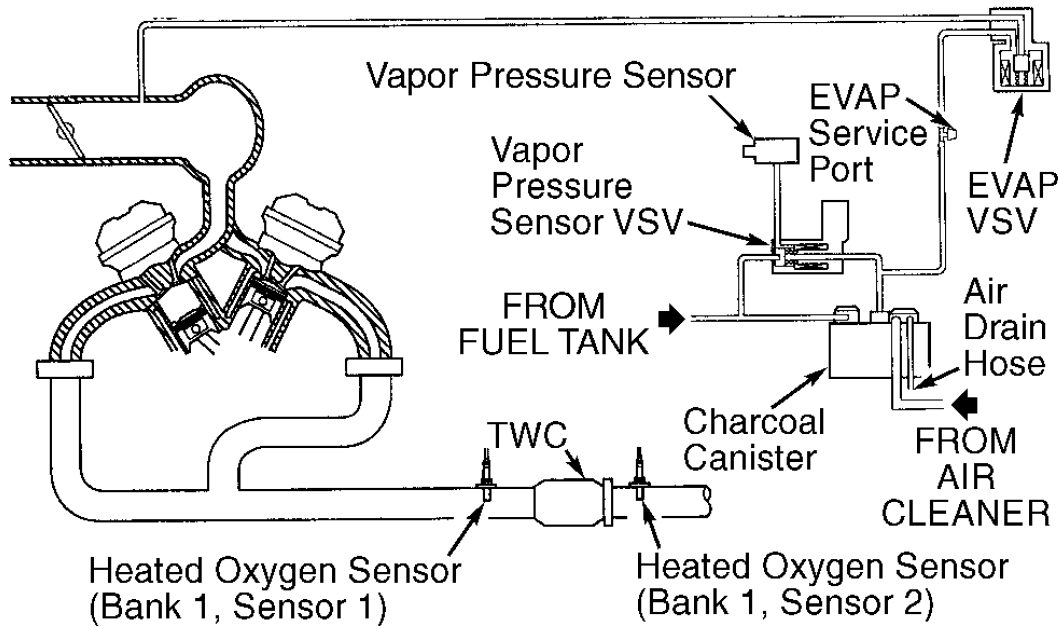
G99F52758

Fig. 32: Vacuum Diagram (4Runner V6 Except Calif. - 1 Of 2)

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

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G99B52747

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