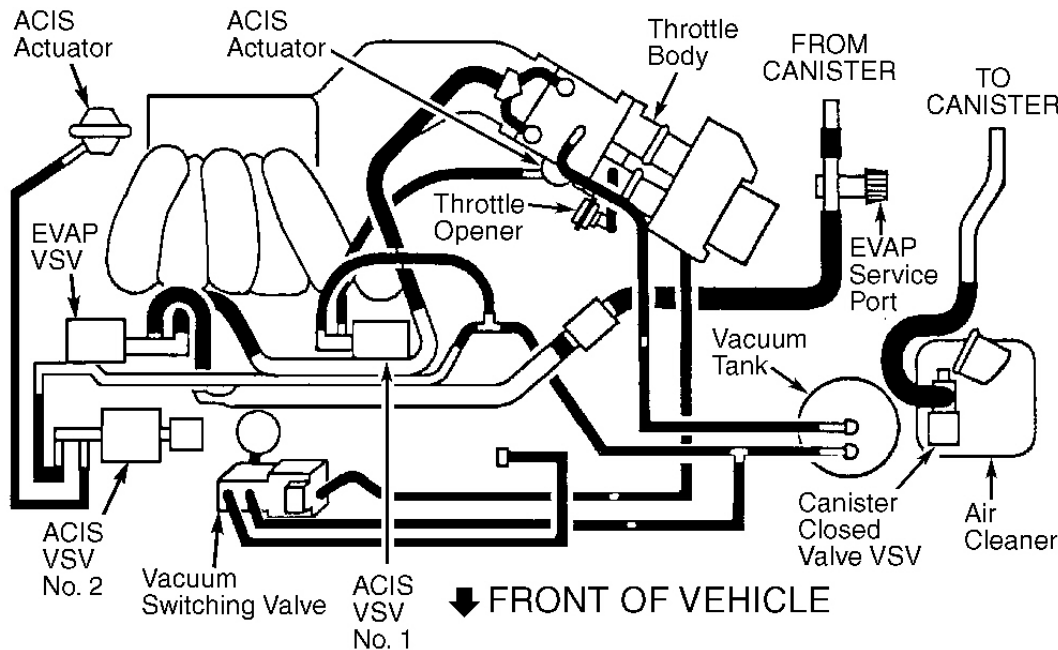


Vacuum Diagrams

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.

NOTE: When using vacuum diagrams, the charcoal canister may also be referred to as canister or EVAP canister.



NOTE: ACIS VSV may also be referred to as intake air control valve VSV. Canister closed valve VSV may also be referred to as CCV VSV.

G00013136

Fig. 1: Vacuum Diagram (Avalon 3.0L V6 - 1 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

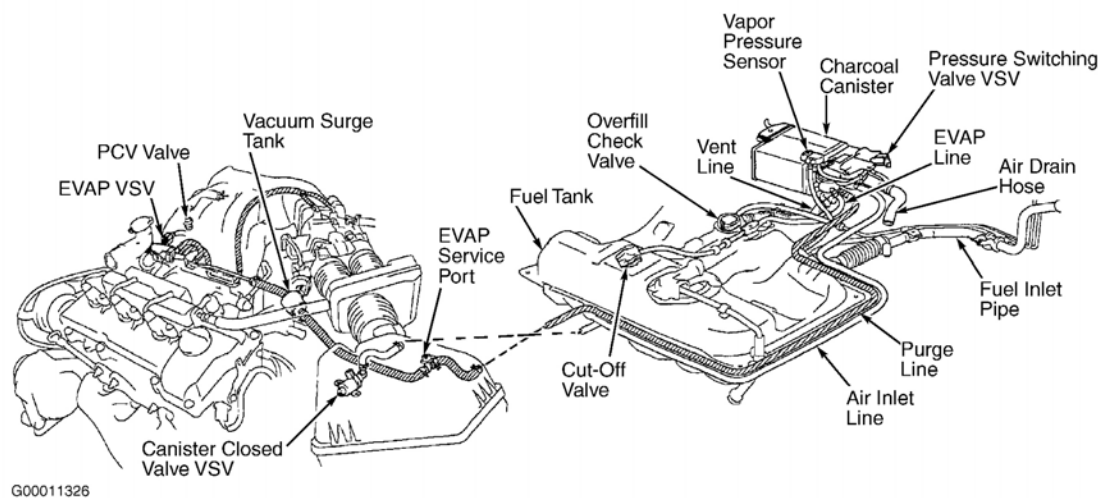
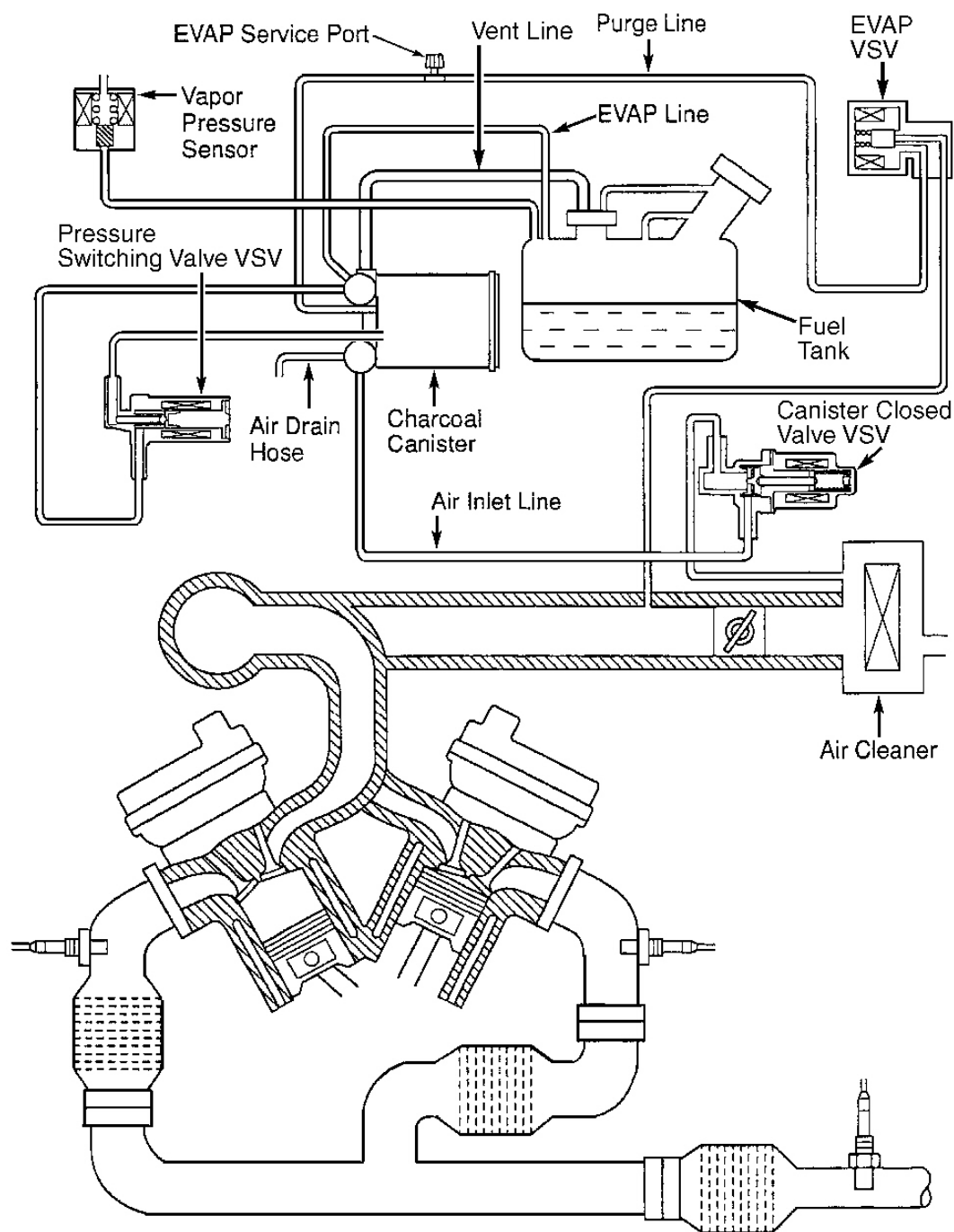
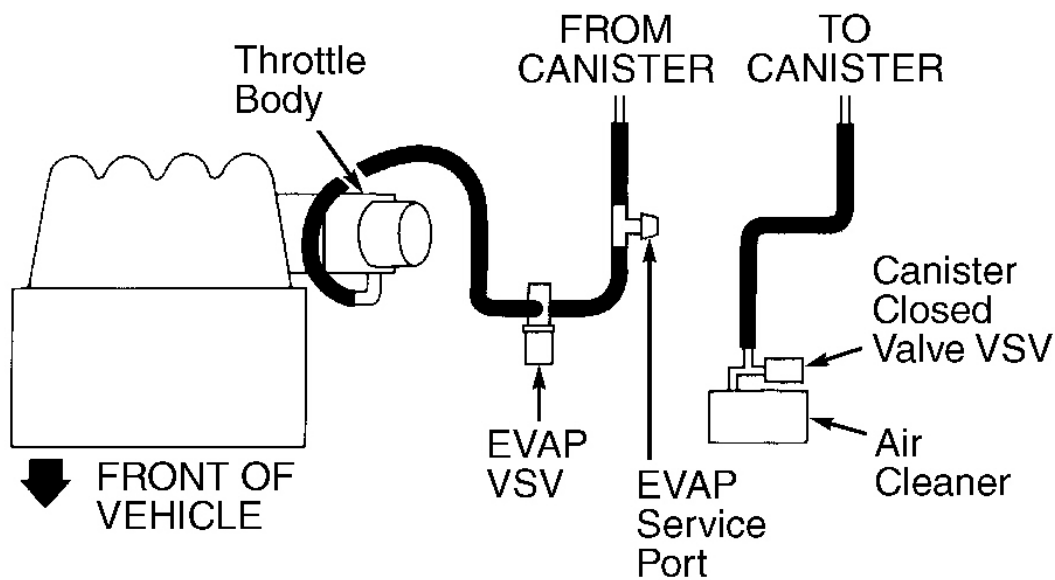


Fig. 2: Vacuum Diagram (Avalon 3.0L V6 - 2 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



G00013137

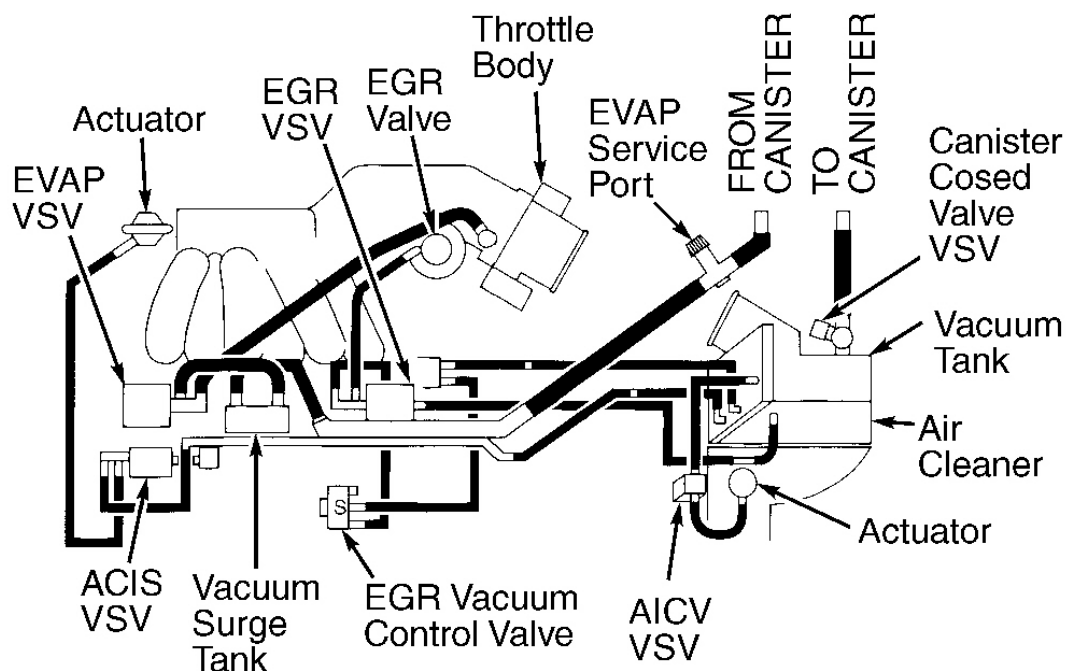
Fig. 3: Vacuum Diagram (Avalon 3.0L V6 - 3 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



NOTE: Canister closed valve VSV may also be referred to as CCV VSV.

G00014941

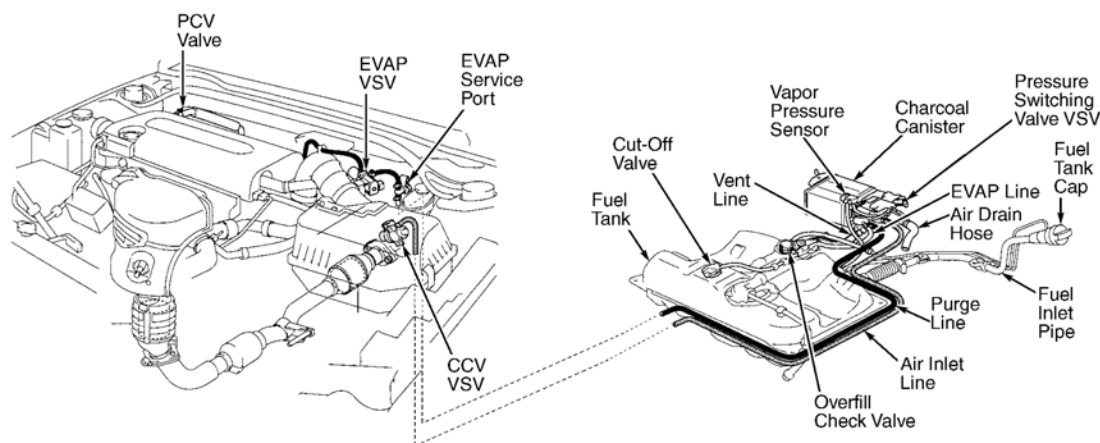
Fig. 4: Vacuum Diagram (Camry 2.4L 4-Cyl.)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



NOTE: ACIS VSV may also be referred to as intake air control valve VSV. Canister closed valve VSV may also be referred to as CCV VSV.

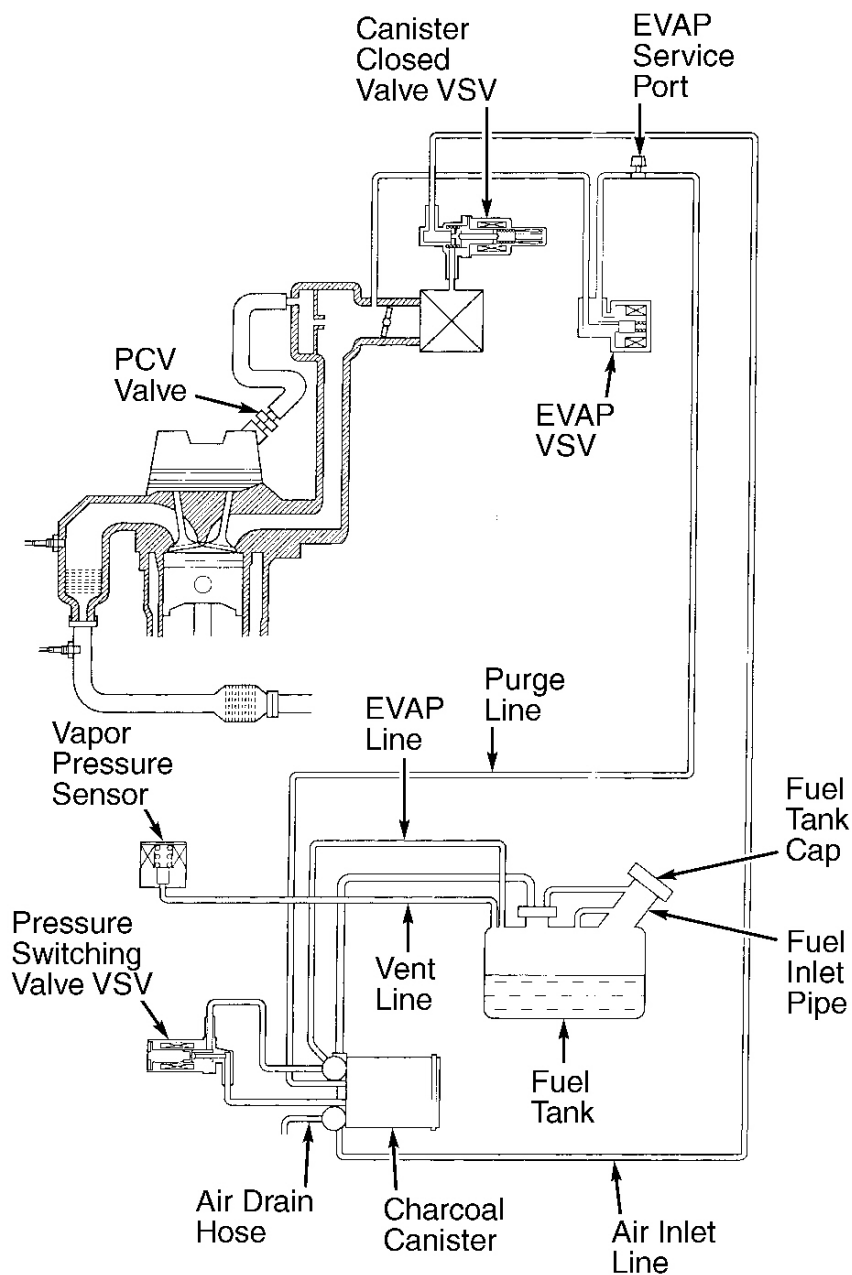
G00014945

Fig. 5: Vacuum Diagram (Camry 3.0L V6)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



G00023078

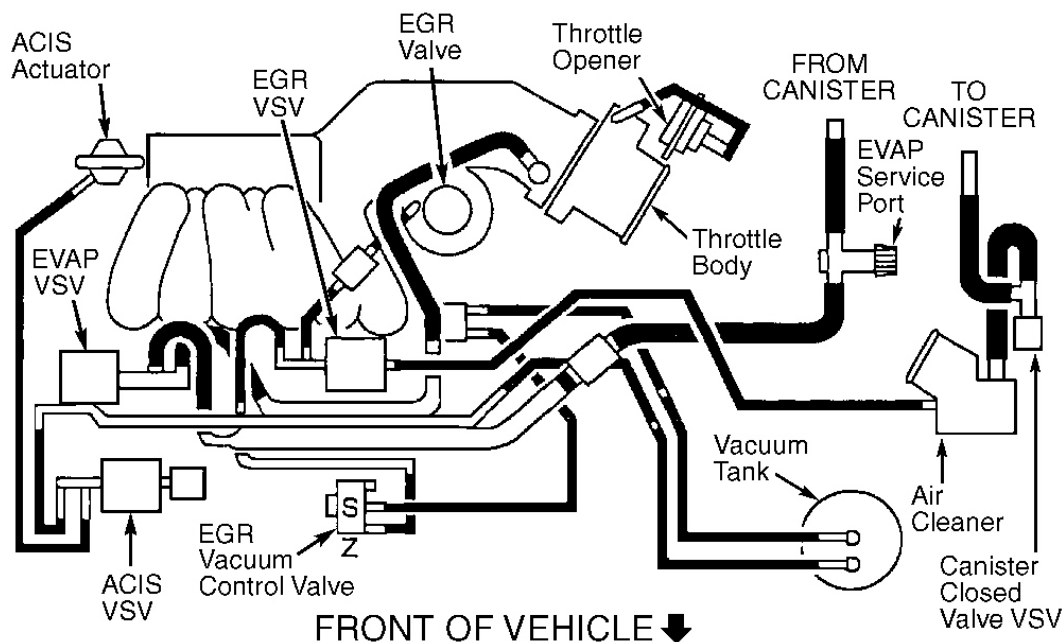
Fig. 6: Vacuum Diagram (Camry Solara 2.4L 4-Cyl. - 1 Of 2)



NOTE: Canister closed valve VSV may also be referred to as CCV VSV.

G00014949

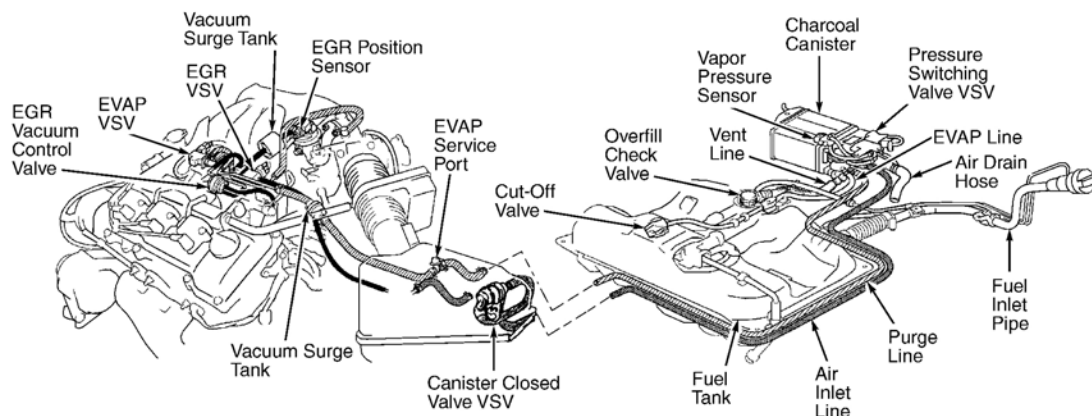
Fig. 7: Vacuum Diagram (Camry Solara 2.4L 4-Cyl. - 2 Of 2)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



NOTE: ACIS VSV may also be referred to as intake air control valve VSV. Canister closed valve VSV may also be referred to as CCV VSV.

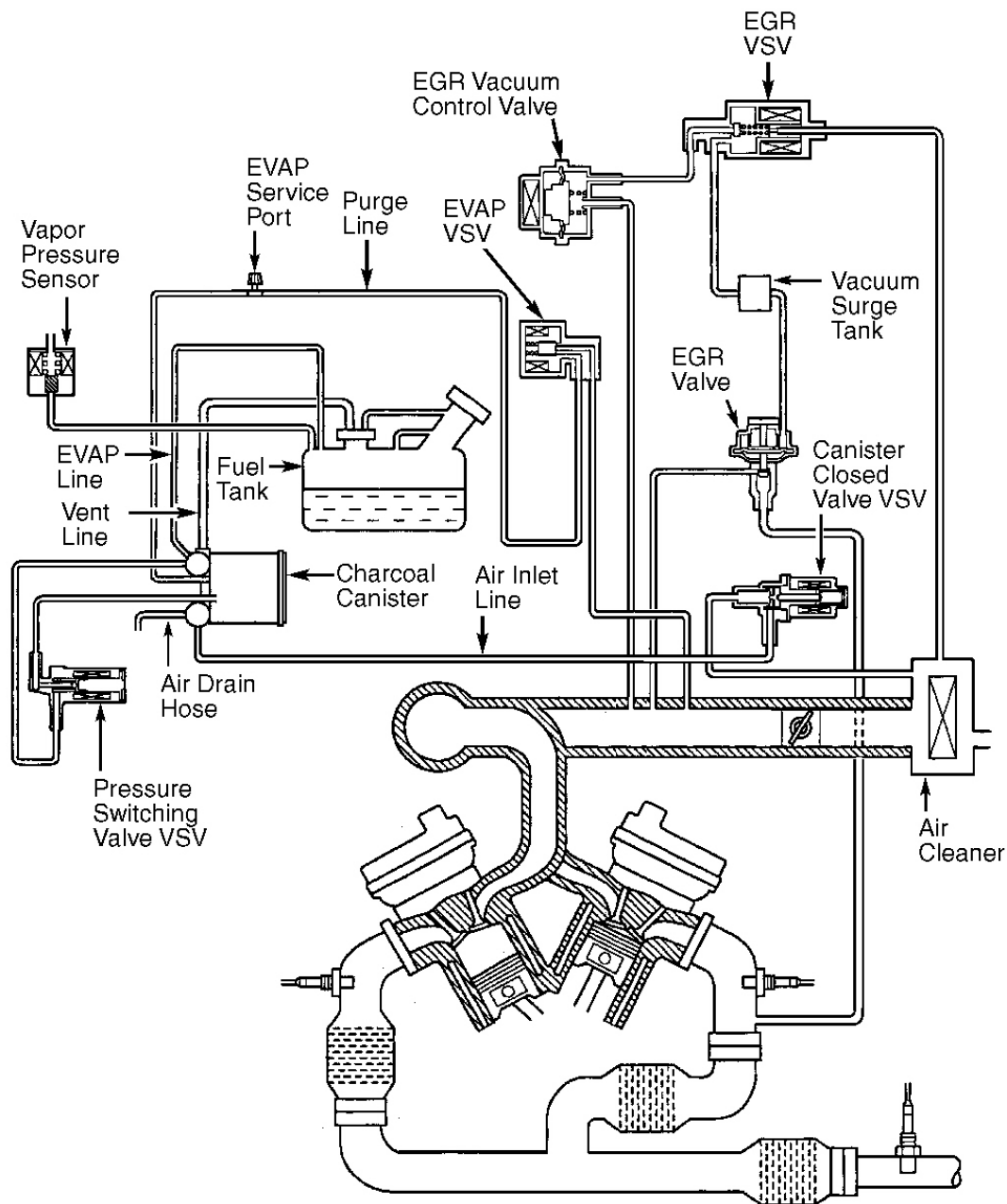
G00013144

Fig. 8: Vacuum Diagram (Camry Solara 3.0L V6 - 1 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



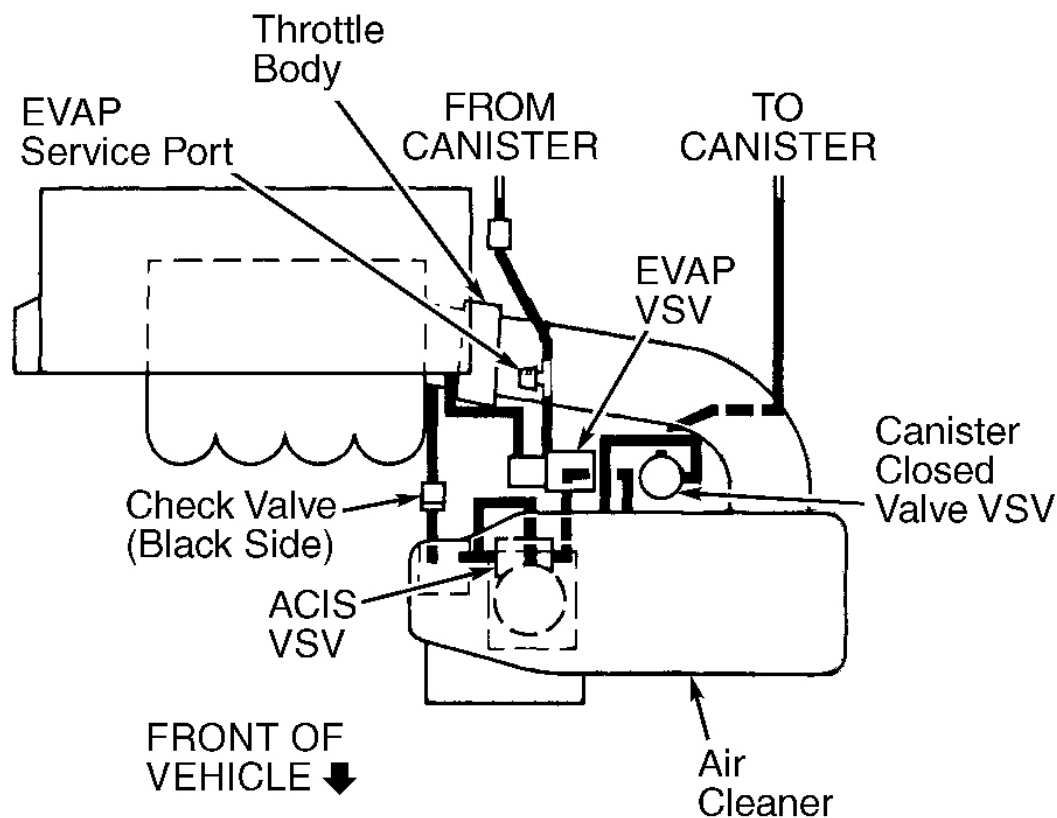
G00011327

Fig. 9: Vacuum Diagram (Camry Solara 3.0L V6 - 2 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



G00013145

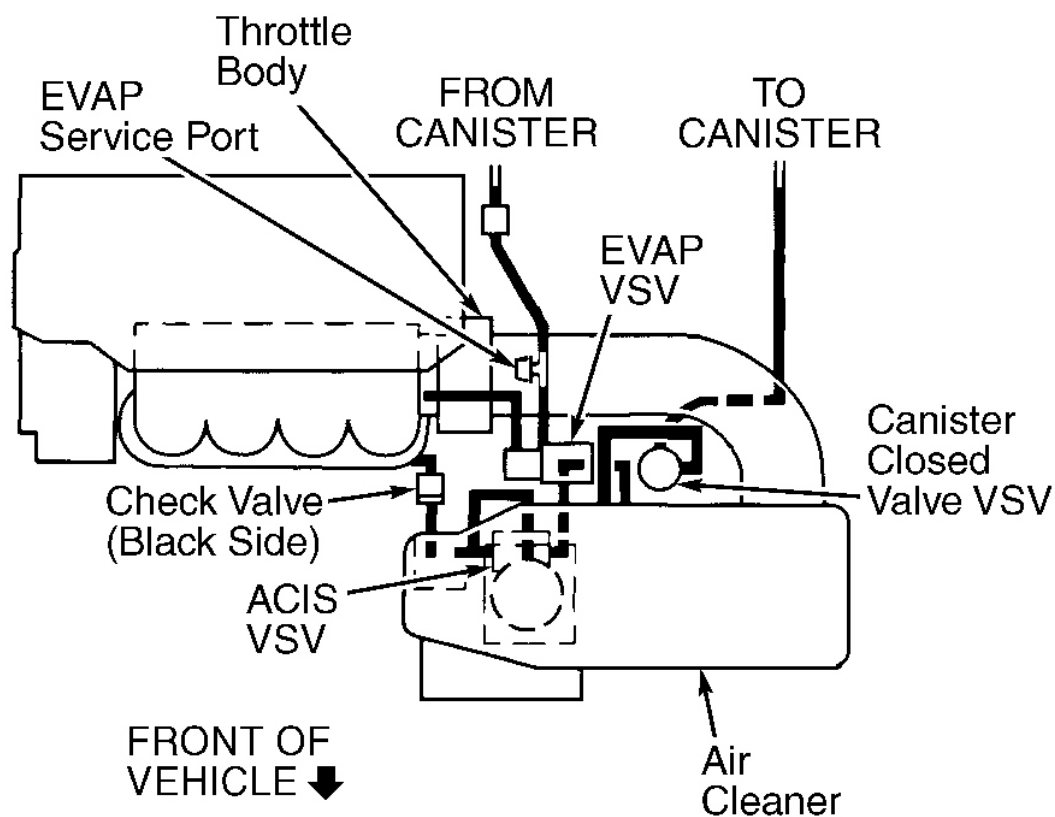
Fig. 10: Vacuum Diagram (Camry Solara 3.0L V6 - 3 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



NOTE: ACIS VSV may also be referred to as intake air control valve VSV. Canister closed valve VSV may also be referred to as CCV VSV.

G00014953

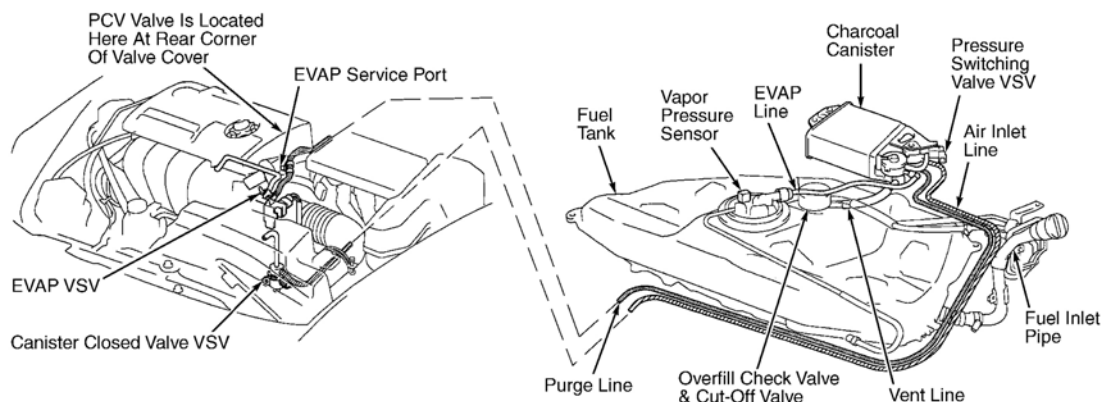
Fig. 11: Vacuum Diagram (Celica 1.8L 4-Cyl. 1ZZ-FE - 1 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



NOTE: ACIS VSV may also be referred to as intake air control valve VSV. Canister closed valve VSV may also be referred to as CCV VSV.

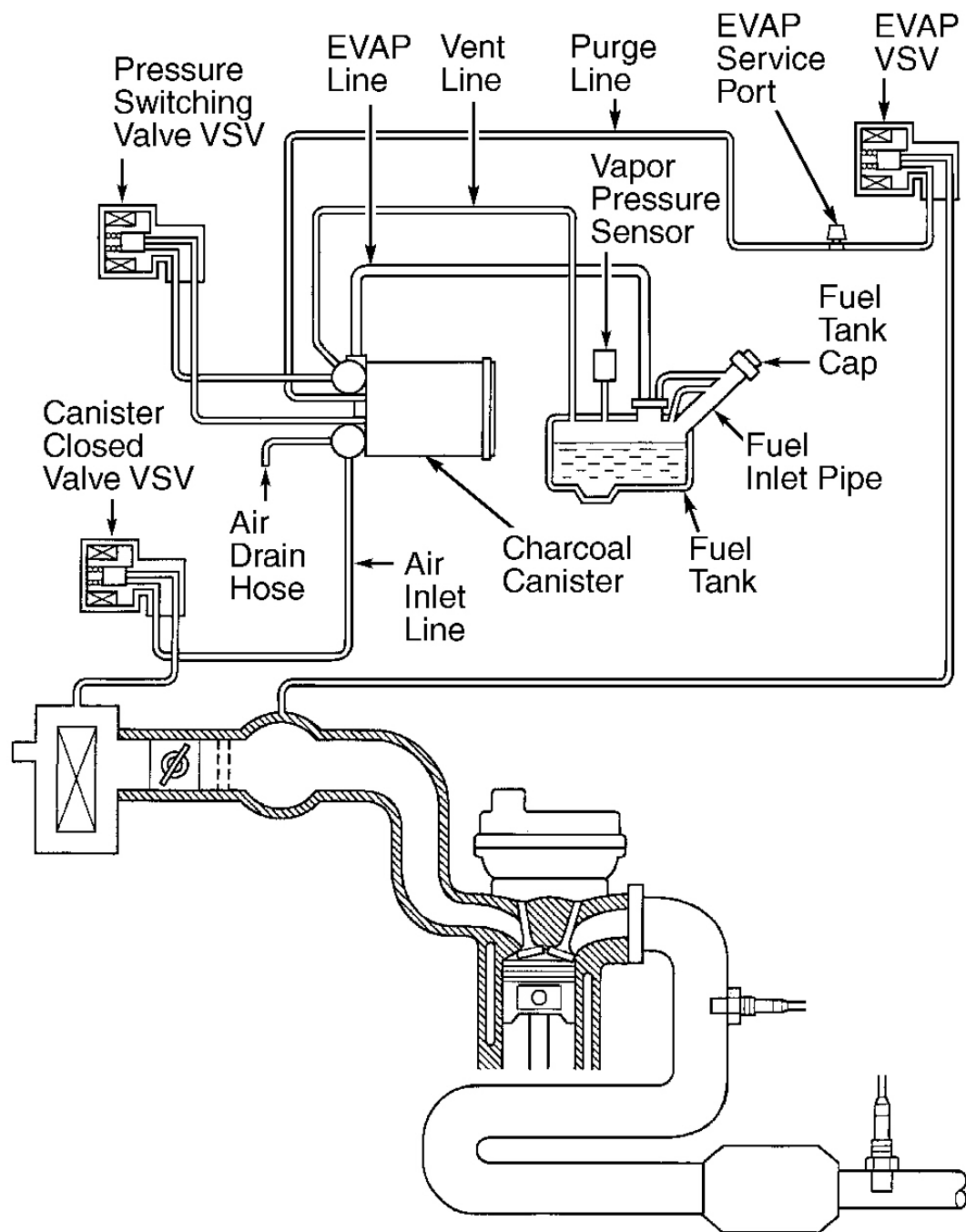
G00014957

Fig. 12: Vacuum Diagram (Celica 1.8L 4-Cyl. 2ZZ-GE - 1 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



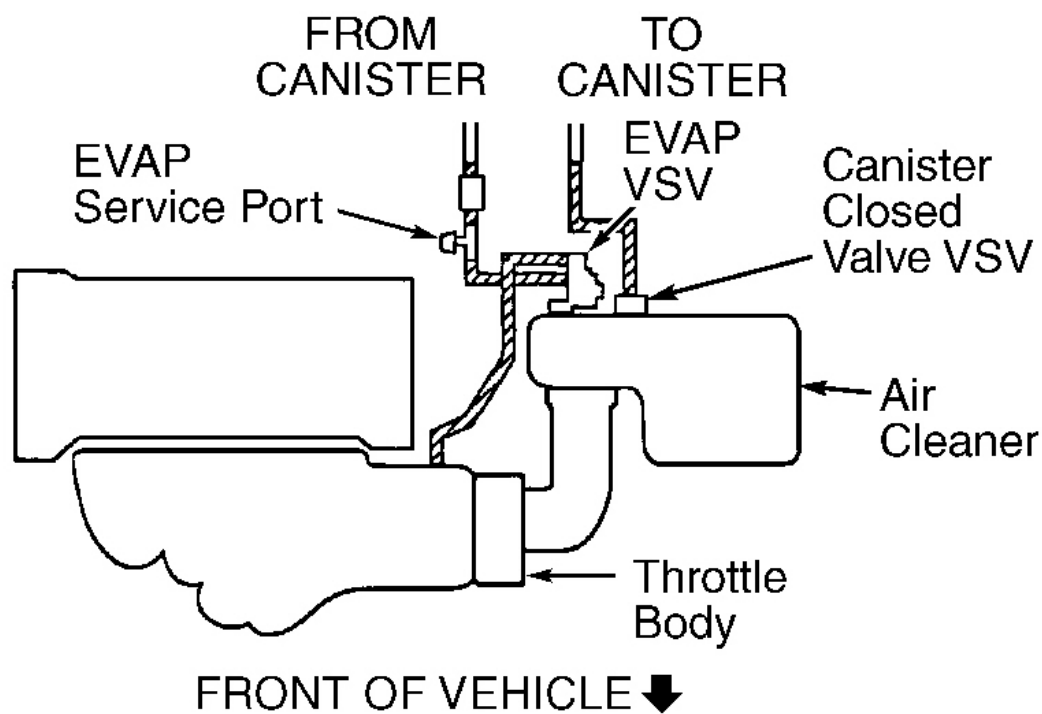
G99I54773

Fig. 13: Vacuum Diagram (Celica 1.8L 4-Cyl. 1ZZ-FE & 1.8L 4-Cyl. 2ZZ-GE - 2 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



G00013149

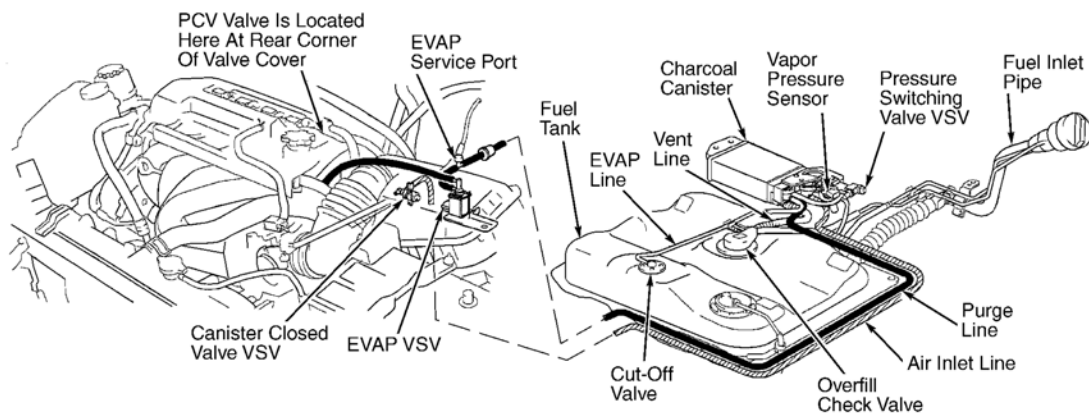
Fig. 14: Vacuum Diagram (Celica 1.8L 4-Cyl. 1ZZ-FE & 1.8L 4-Cyl. 2ZZ-GE - 3 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



NOTE: Canister closed valve VSV may also be referred to as CCV VSV.

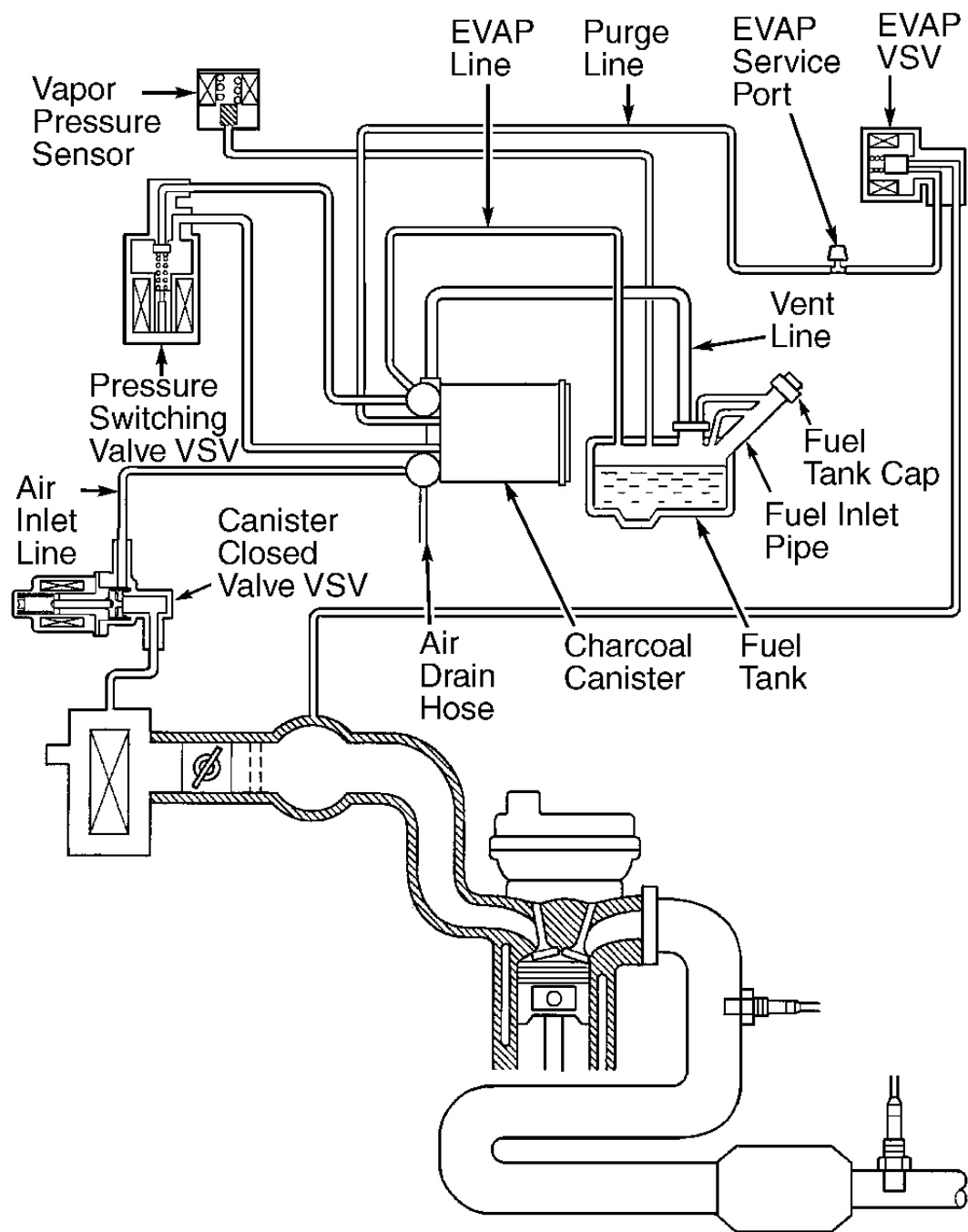
G00013151

Fig. 15: Vacuum Diagram (Corolla 1.8L 4-Cyl. - 1 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



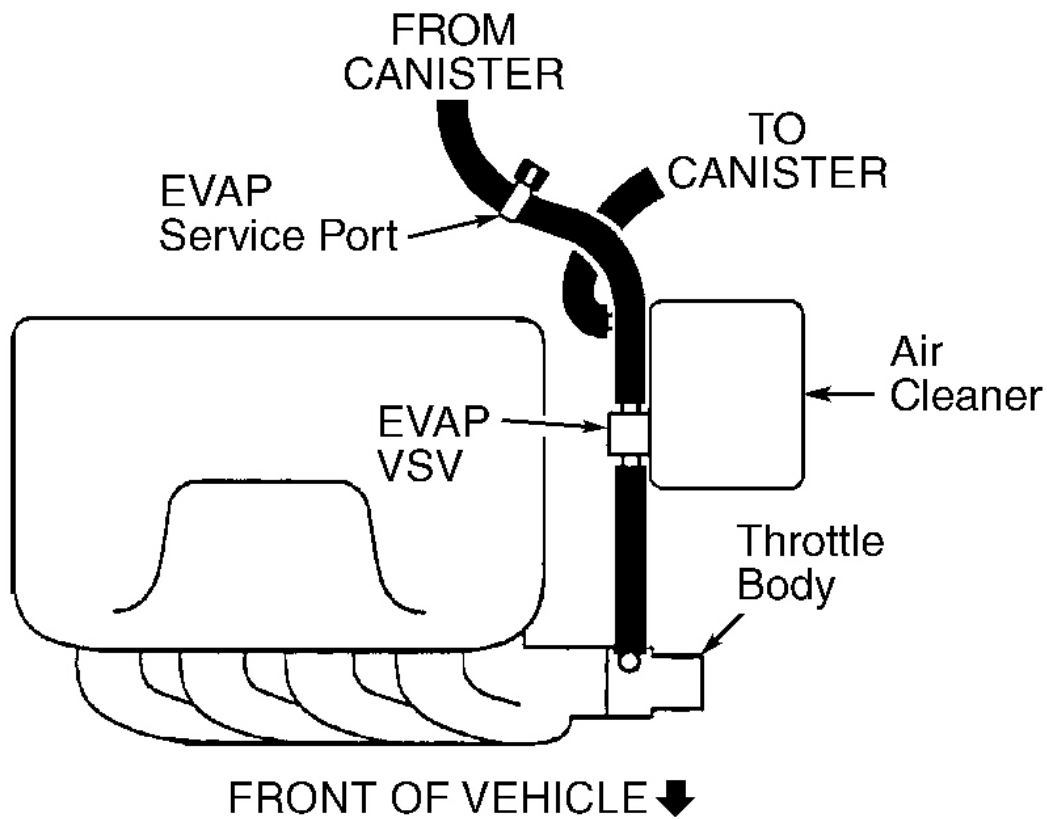
G99J54774

Fig. 16: Vacuum Diagram (Corolla 1.8L 4-Cyl. - 2 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



G00013152

Fig. 17: Vacuum Diagram (Corolla 1.8L 4-Cyl. - 3 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



G00013153

Fig. 18: Vacuum Diagram (ECHO 1.5L 4-Cyl. - 1 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

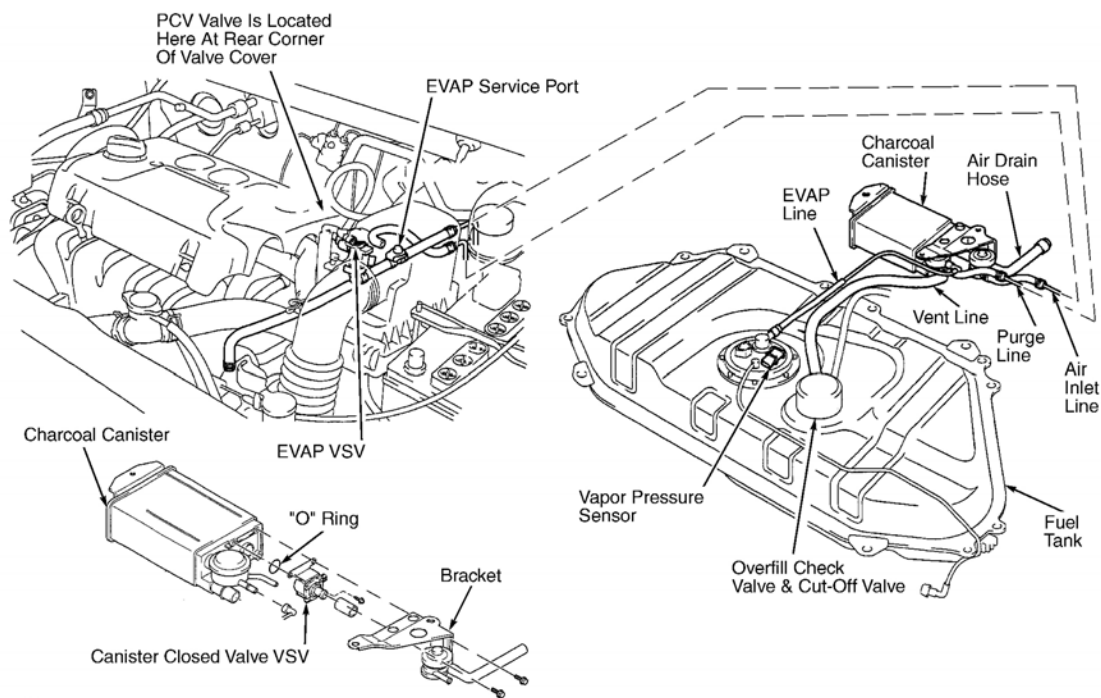
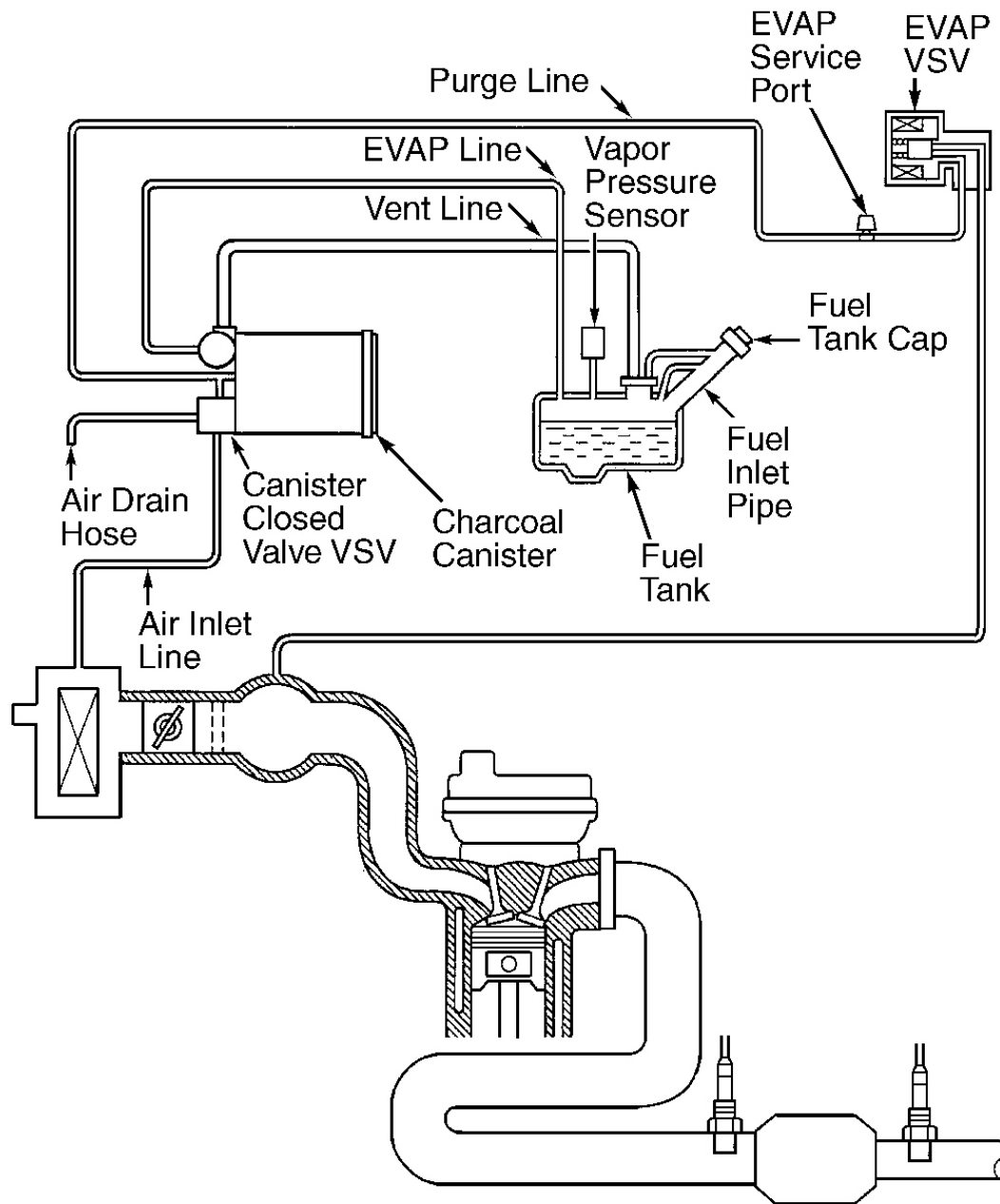


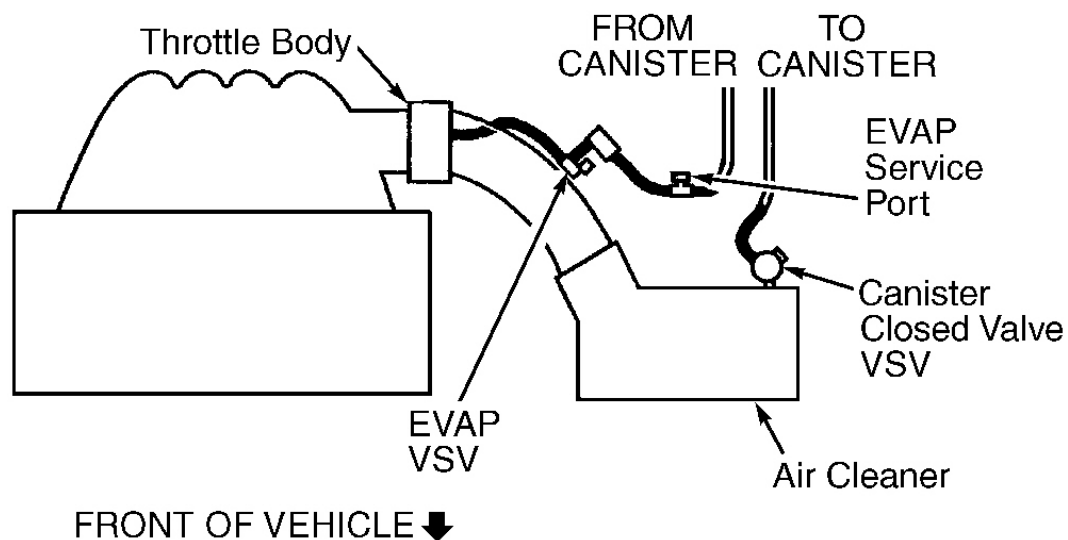
Fig. 19: Vacuum Diagram (ECHO 1.5L 4-Cyl. - 2 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



NOTE: Canister closed valve VSV may also be referred to as CCV VSV.

G00013154

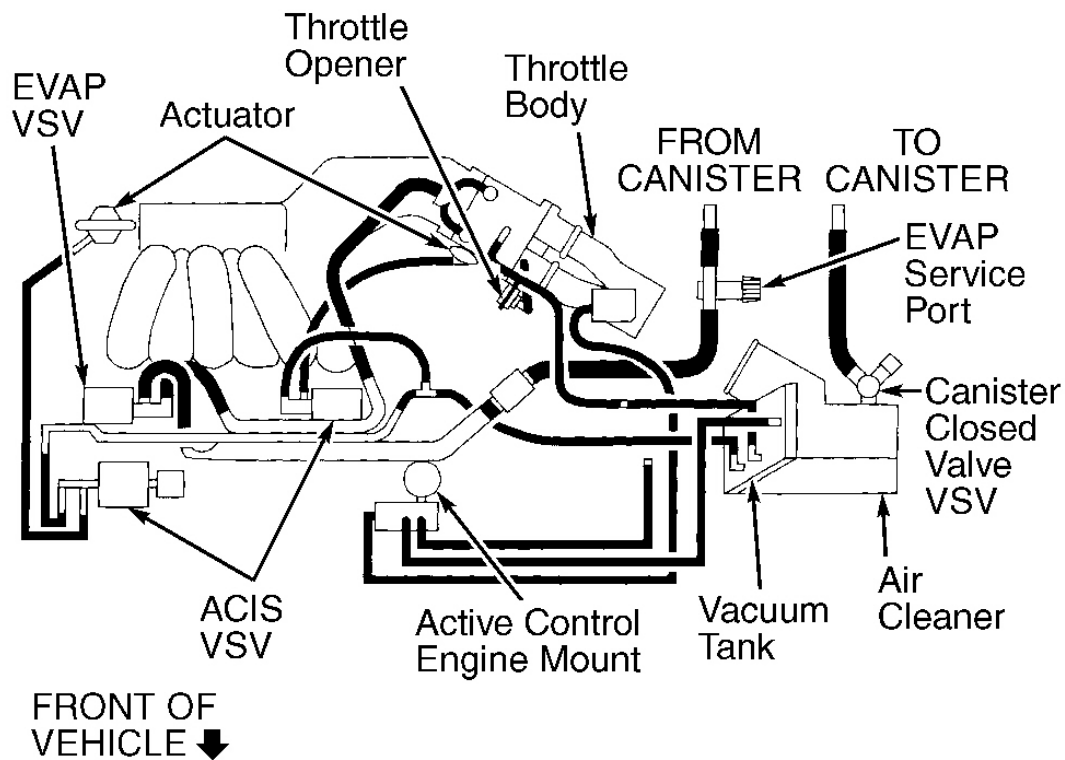
Fig. 20: Vacuum Diagram (ECHO 1.5L 4-Cyl. - 3 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



NOTE: Canister closed valve VSV may also be referred to as CCV VSV.

G00027304

Fig. 21: Vacuum Diagram (Highlander 2.4L 4-Cyl.)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



NOTE: ACIS VSV may also be referred to as intake air control valve VSV. Canister closed valve VSV may also be referred to as CCV VSV.

G00014961

Fig. 22: Vacuum Diagram (Highlander 3.0L V6)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

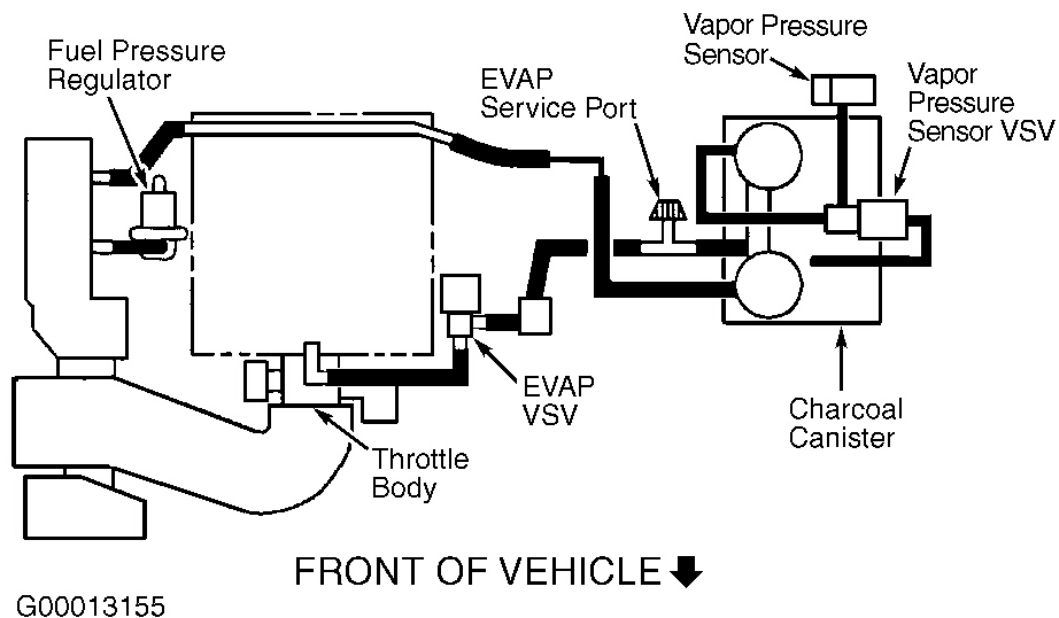
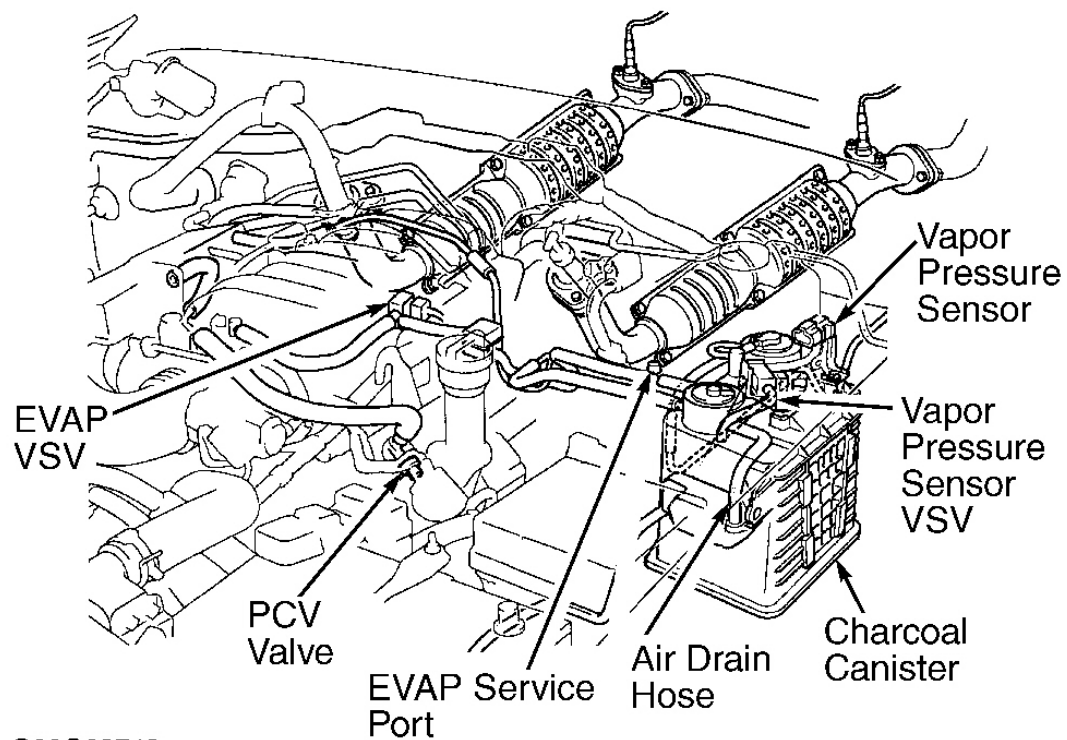
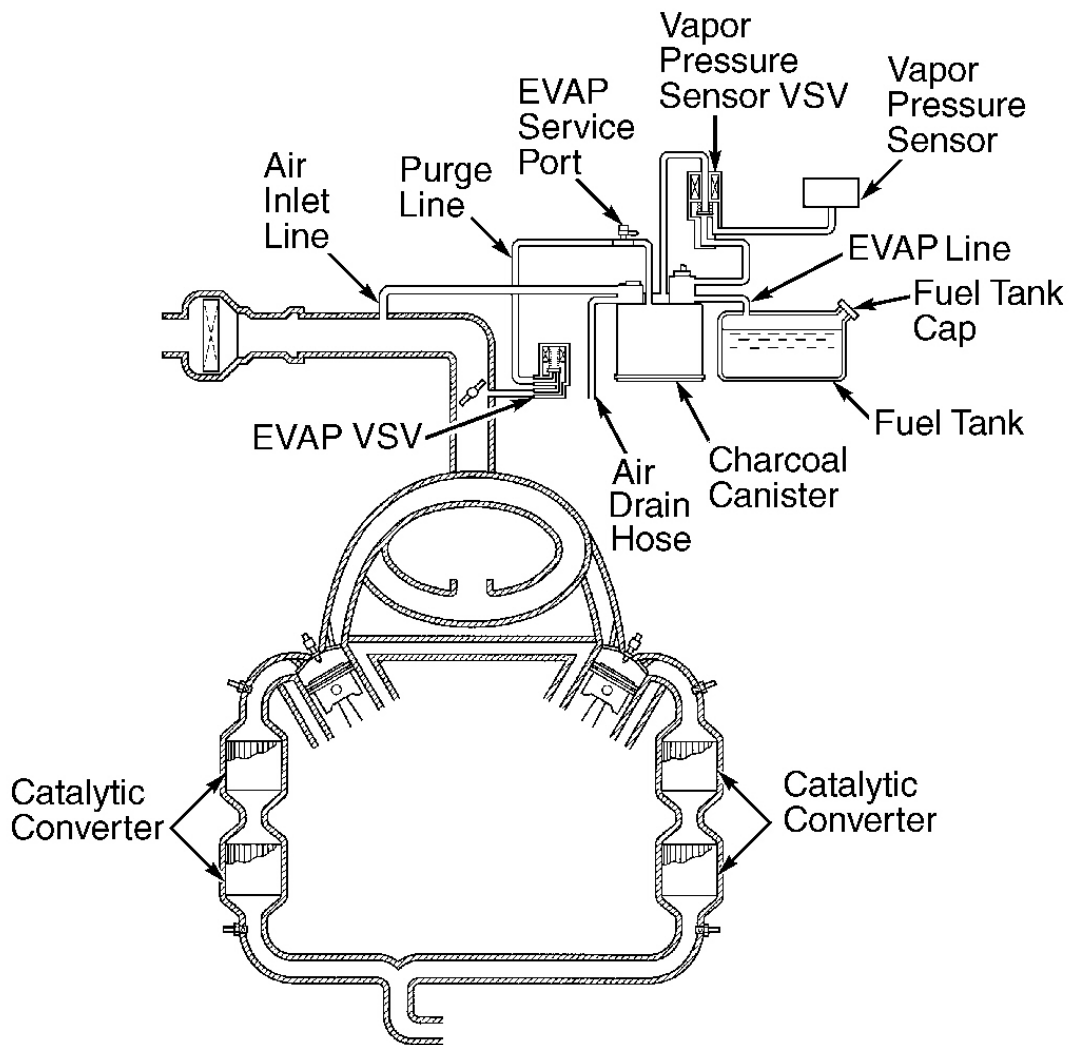


Fig. 23: Vacuum Diagram (Land Cruiser 4.7L V8 - 1 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



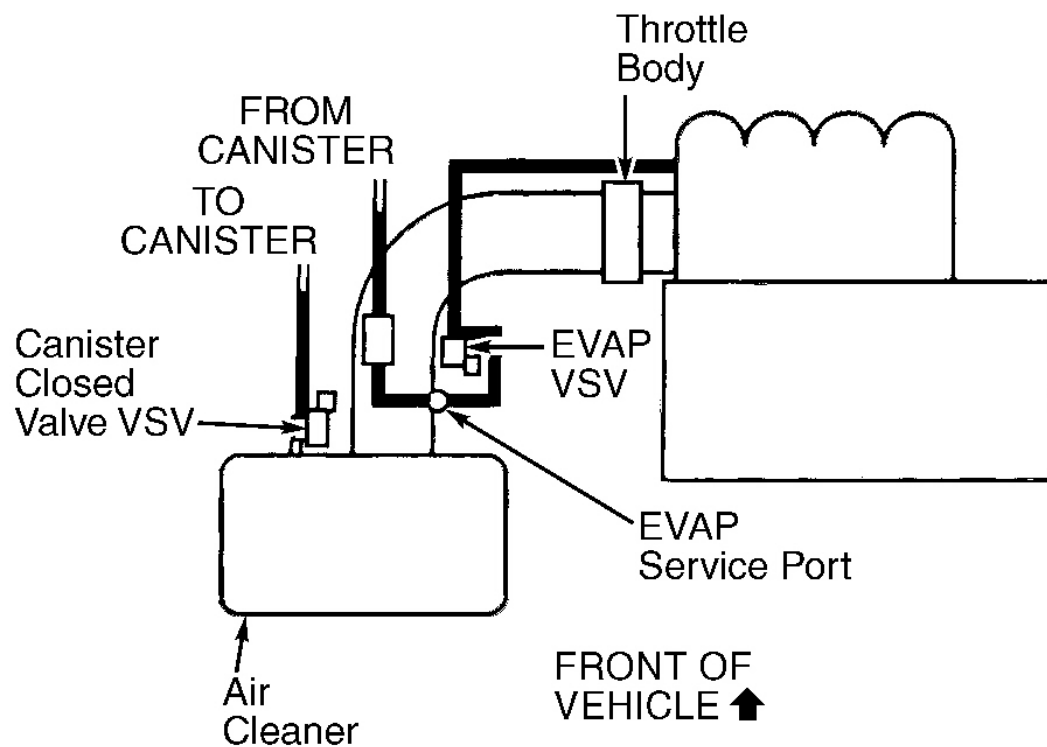
G99G08749

Fig. 24: Vacuum Diagram (Land Cruiser 4.7L V8 - 2 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



G99F52725

Fig. 25: Vacuum Diagram (Land Cruiser 4.7L V8 - 3 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



NOTE: Canister closed valve VSV may also be referred to as CCV VSV.

G00094861

Fig. 26: Vacuum Diagram (MR2 1.8L 4-Cyl. - 1 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

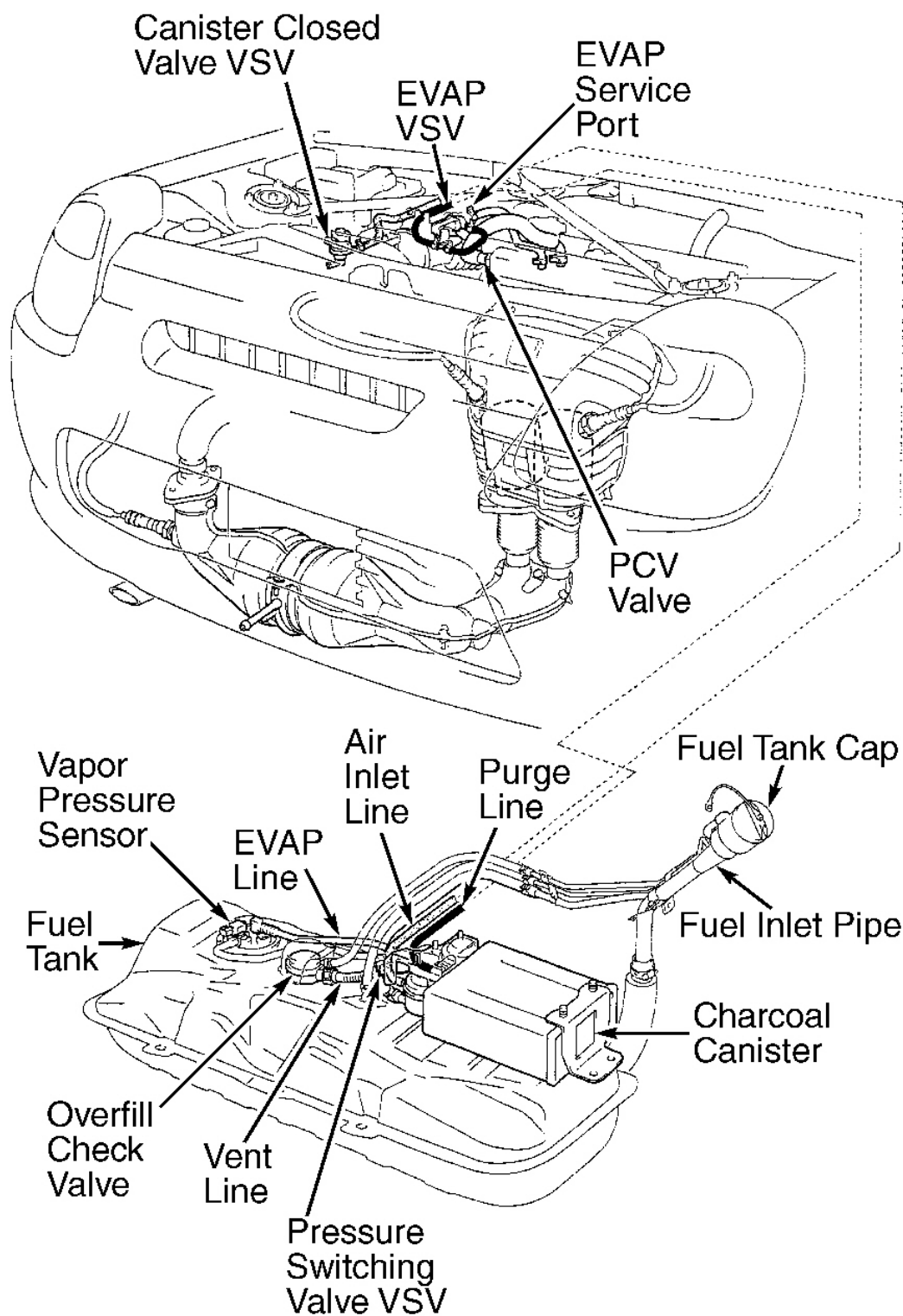
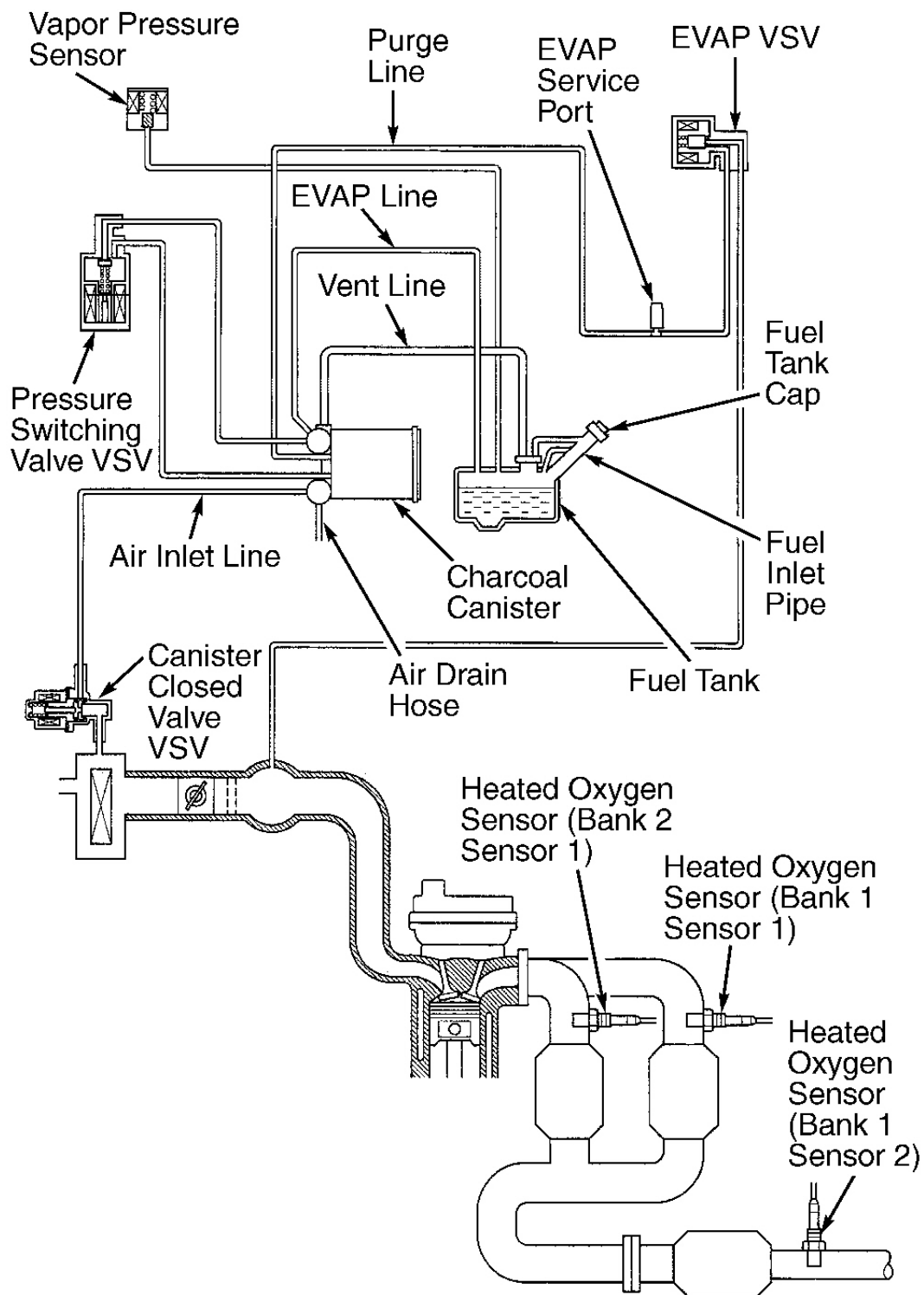
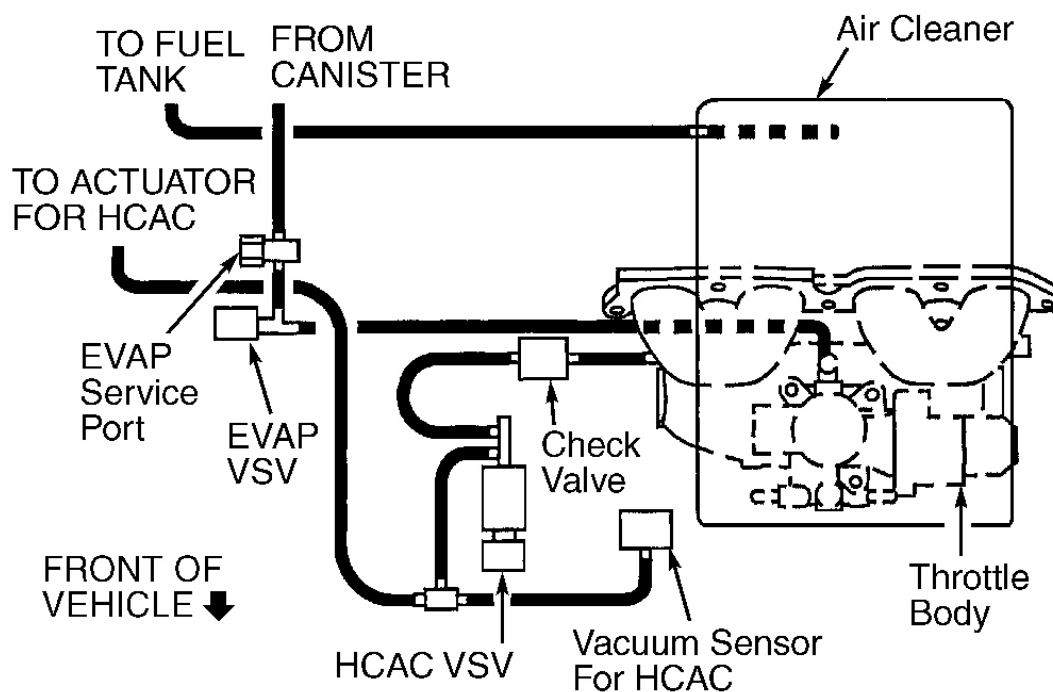


Fig. 27: Vacuum Diagram (MR2 1.8L 4-Cyl. - 2 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



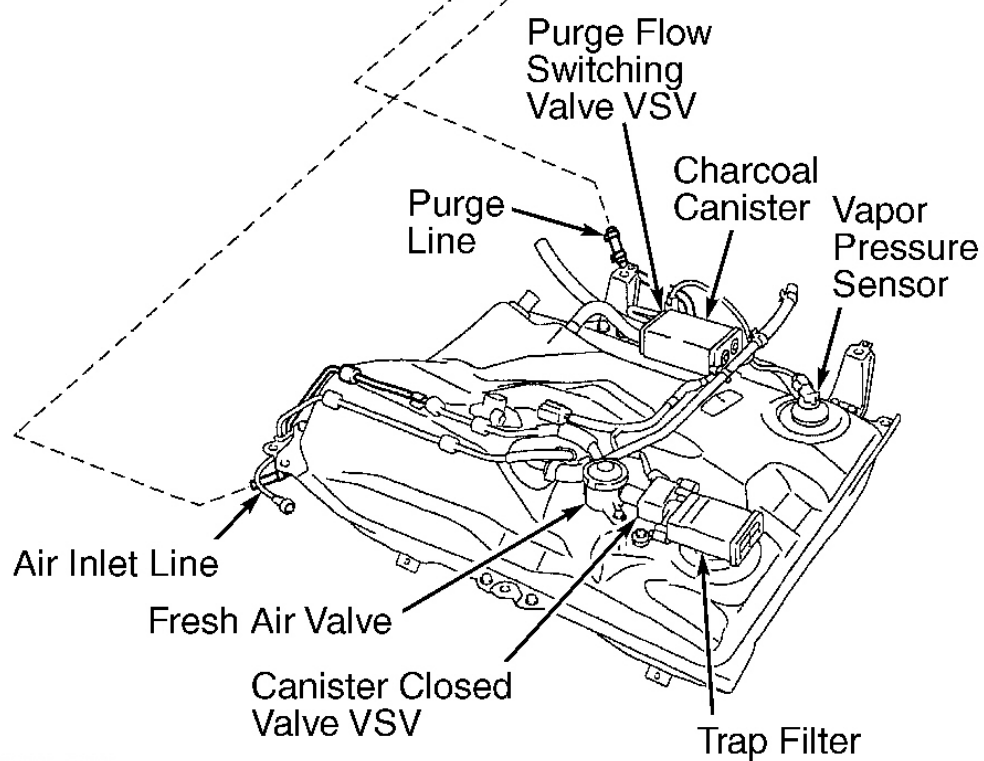
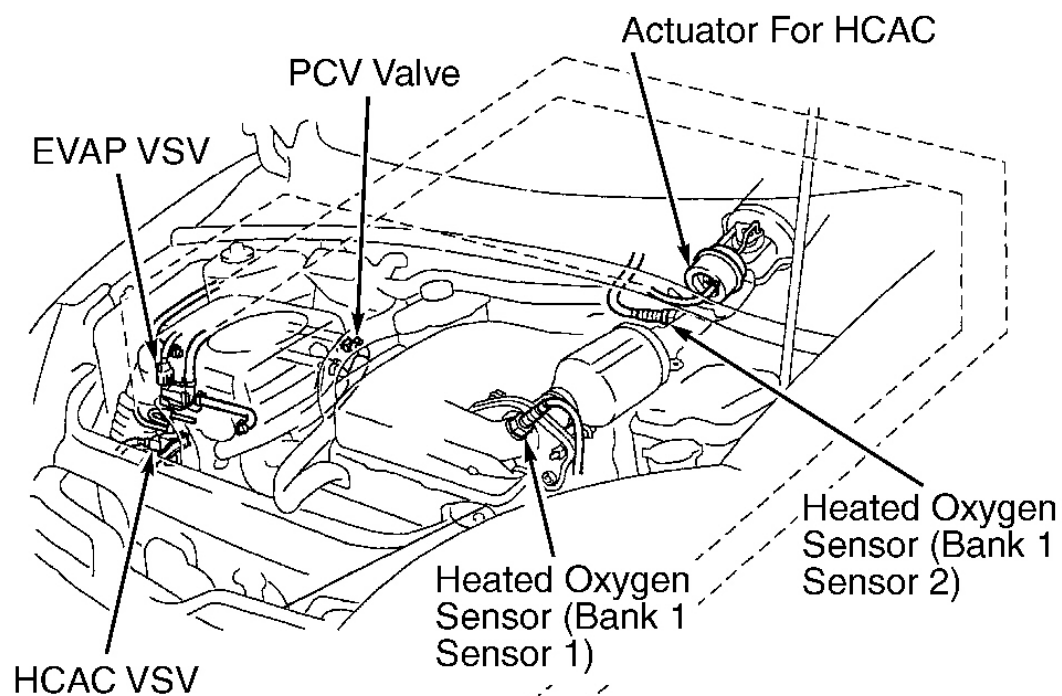
G00016266

Fig. 28: Vacuum Diagram (MR2 1.8L 4-Cyl. - 3 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



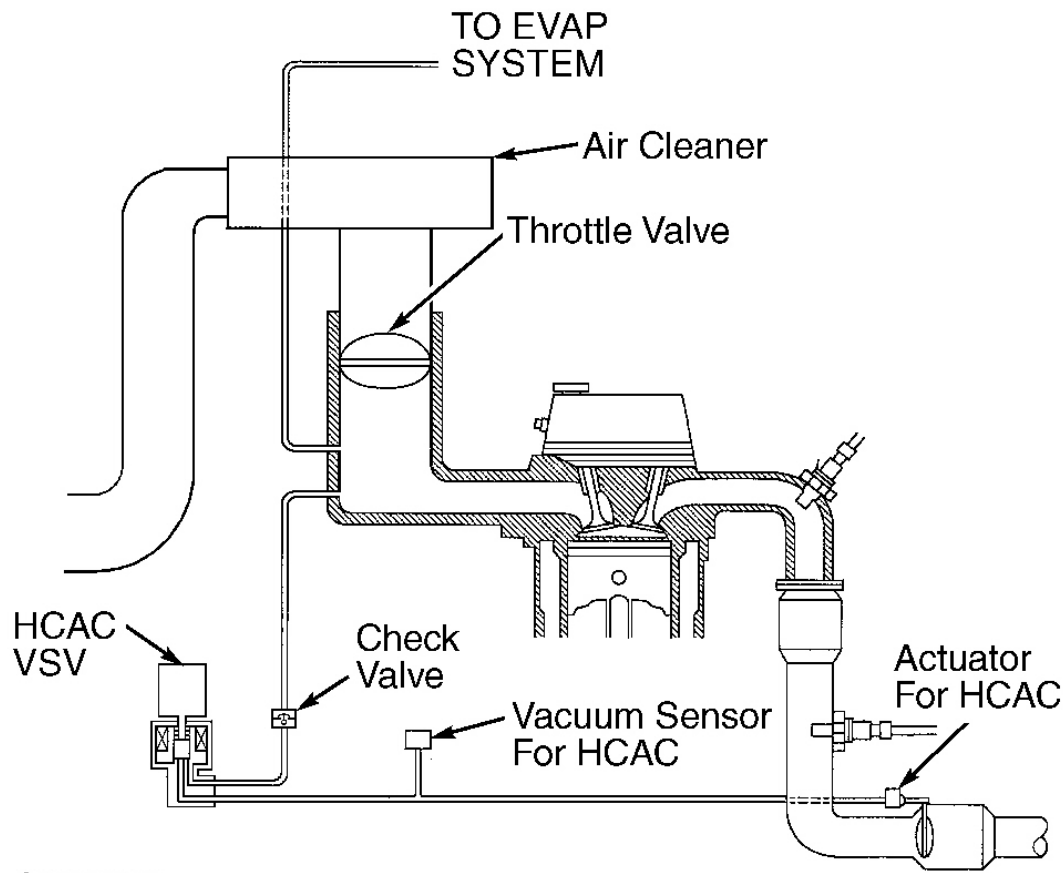
G00027288

Fig. 29: Vacuum Diagram (Prius 1.5L 4-Cyl. - 1 Of 4)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



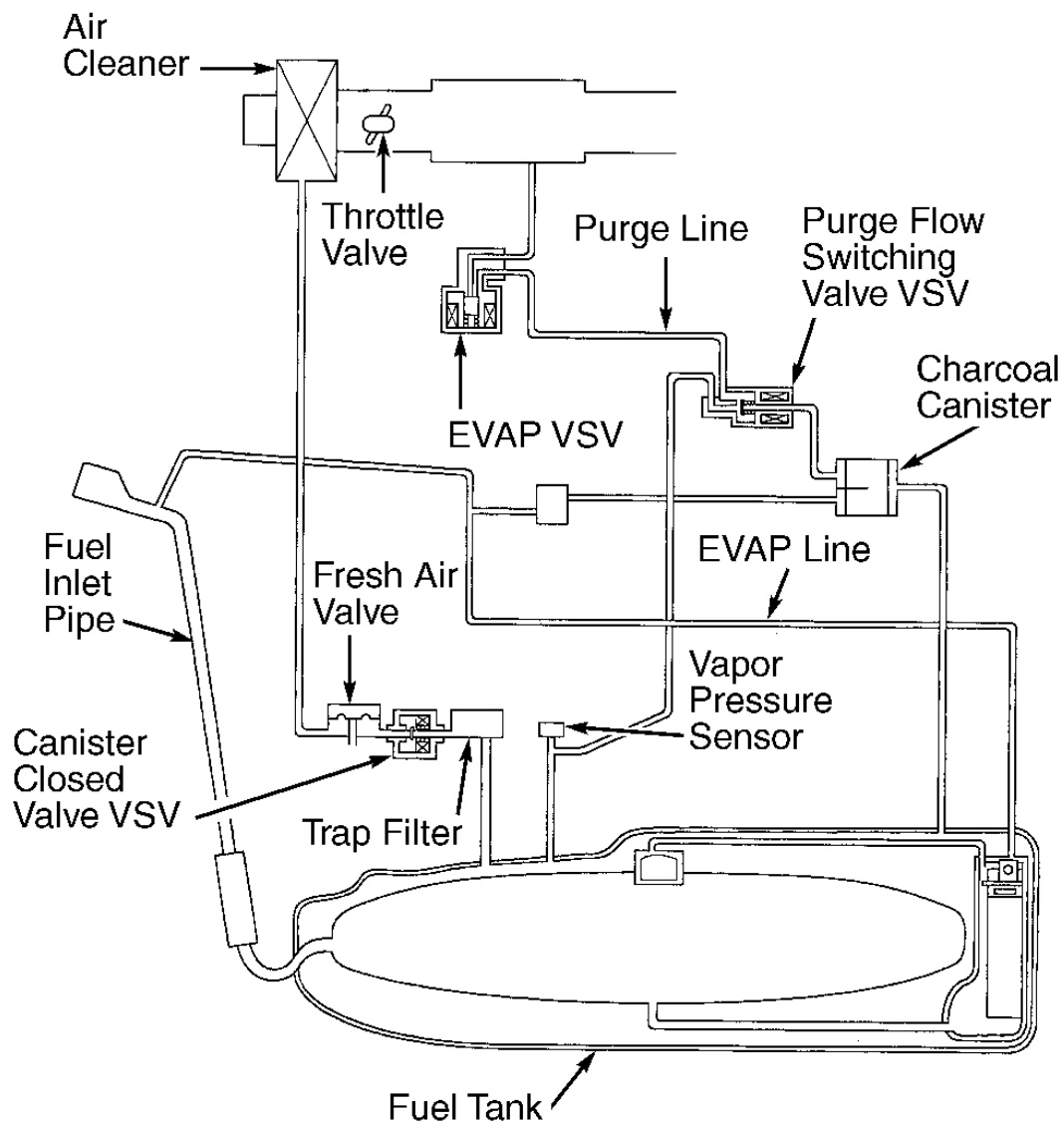
G00027289

Fig. 30: Vacuum Diagram (Prius 1.5L 4-Cyl. - 2 Of 4)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



G00027290

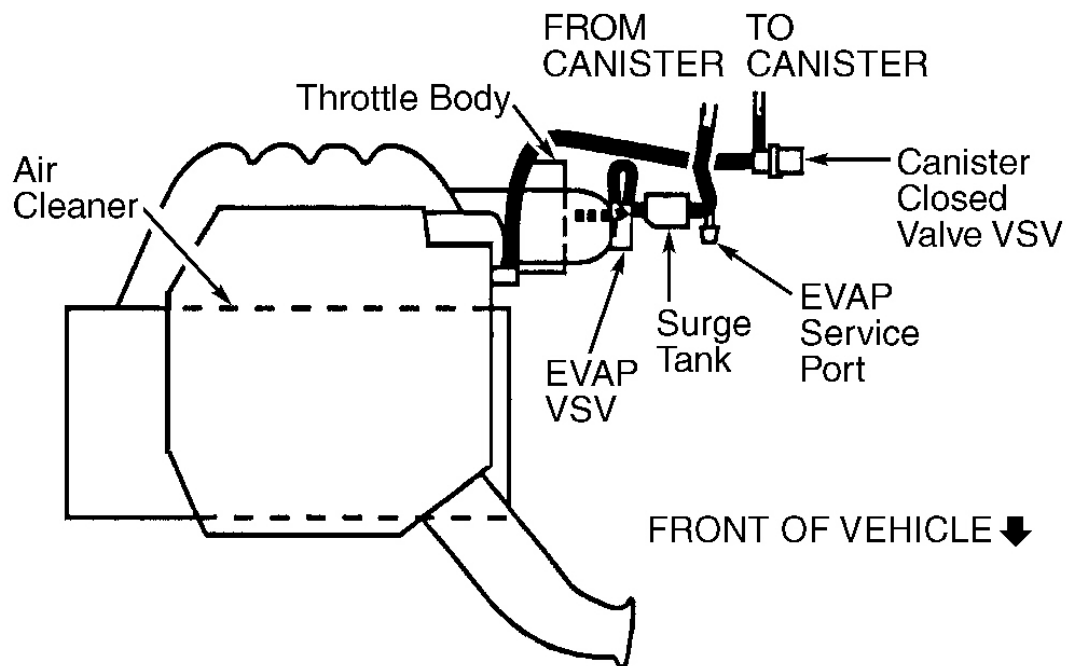
Fig. 31: Vacuum Diagram (Prius 1.5L 4-Cyl. - 3 Of 4)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



NOTE: Canister closed valve VSV may also be referred to as CCV VSV.

G00027291

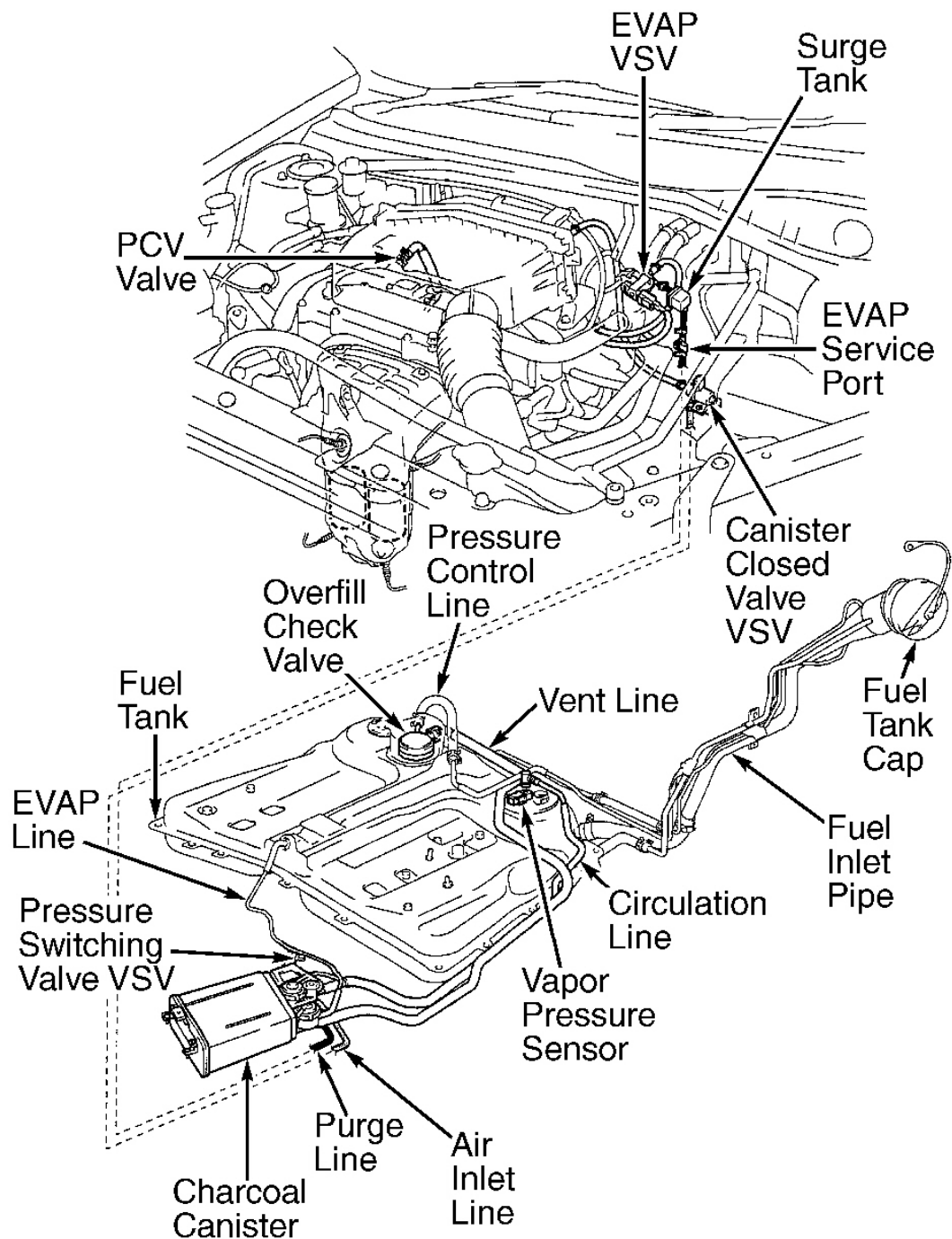
Fig. 32: Vacuum Diagram (Prius 1.5L 4-Cyl. - 4 Of 4)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



NOTE: Canister closed valve VSV may also be referred to as CCV VSV.

G00016267

Fig. 33: Vacuum Diagram (RAV4 2.0L 4-Cyl. - 1 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



G00016268

Fig. 34: Vacuum Diagram (RAV4 2.0L 4-Cyl. - 2 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

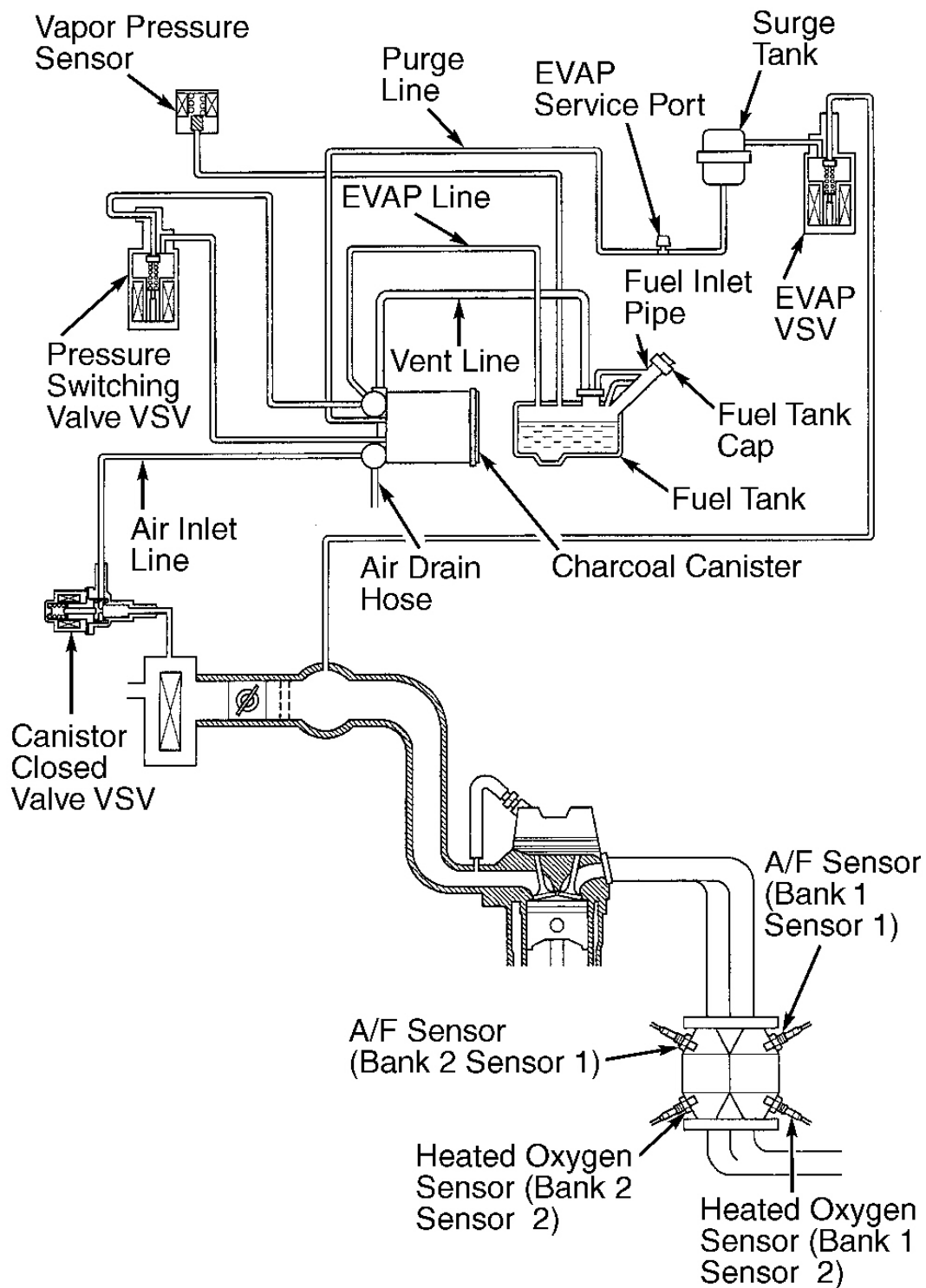
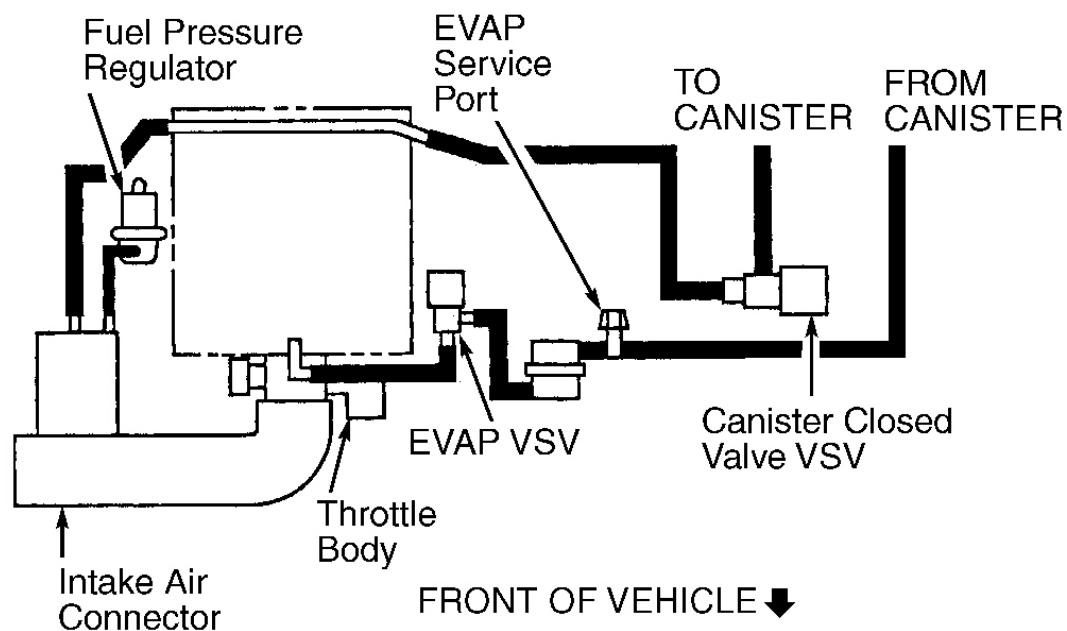


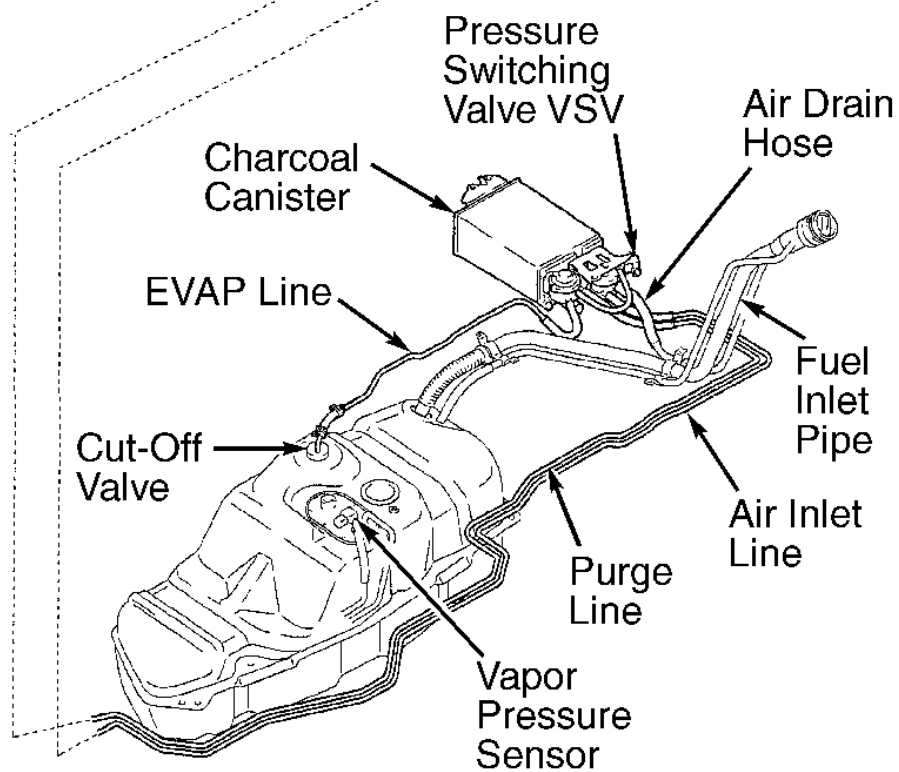
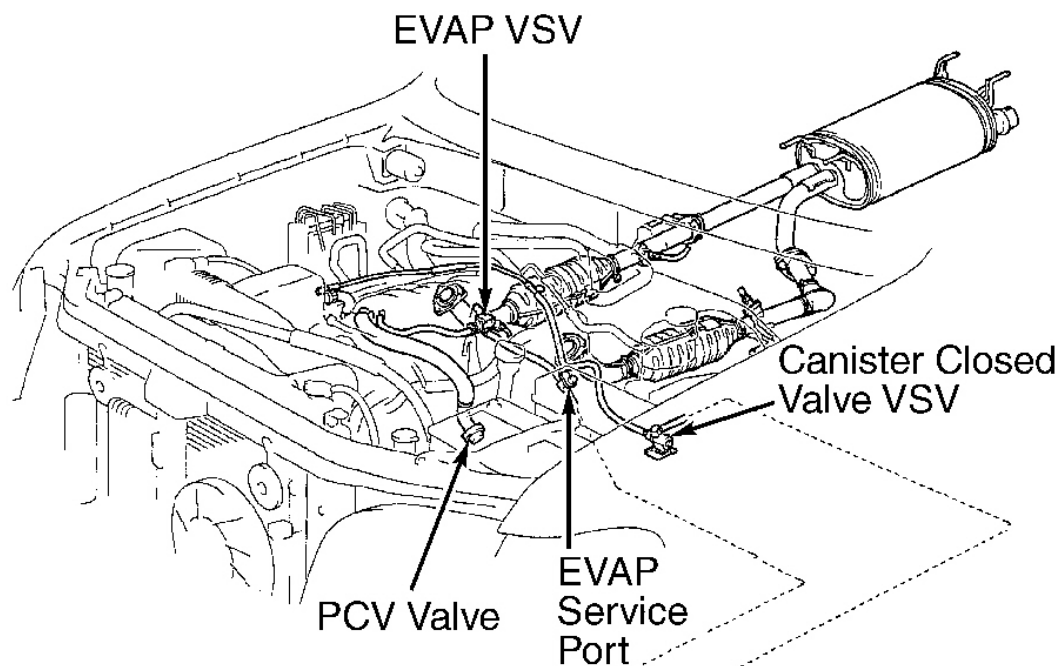
Fig. 35: Vacuum Diagram (RAV4 2.0L 4-Cyl. - 3 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



NOTE: Canister closed valve VSV may also be referred to as CCV VSV.

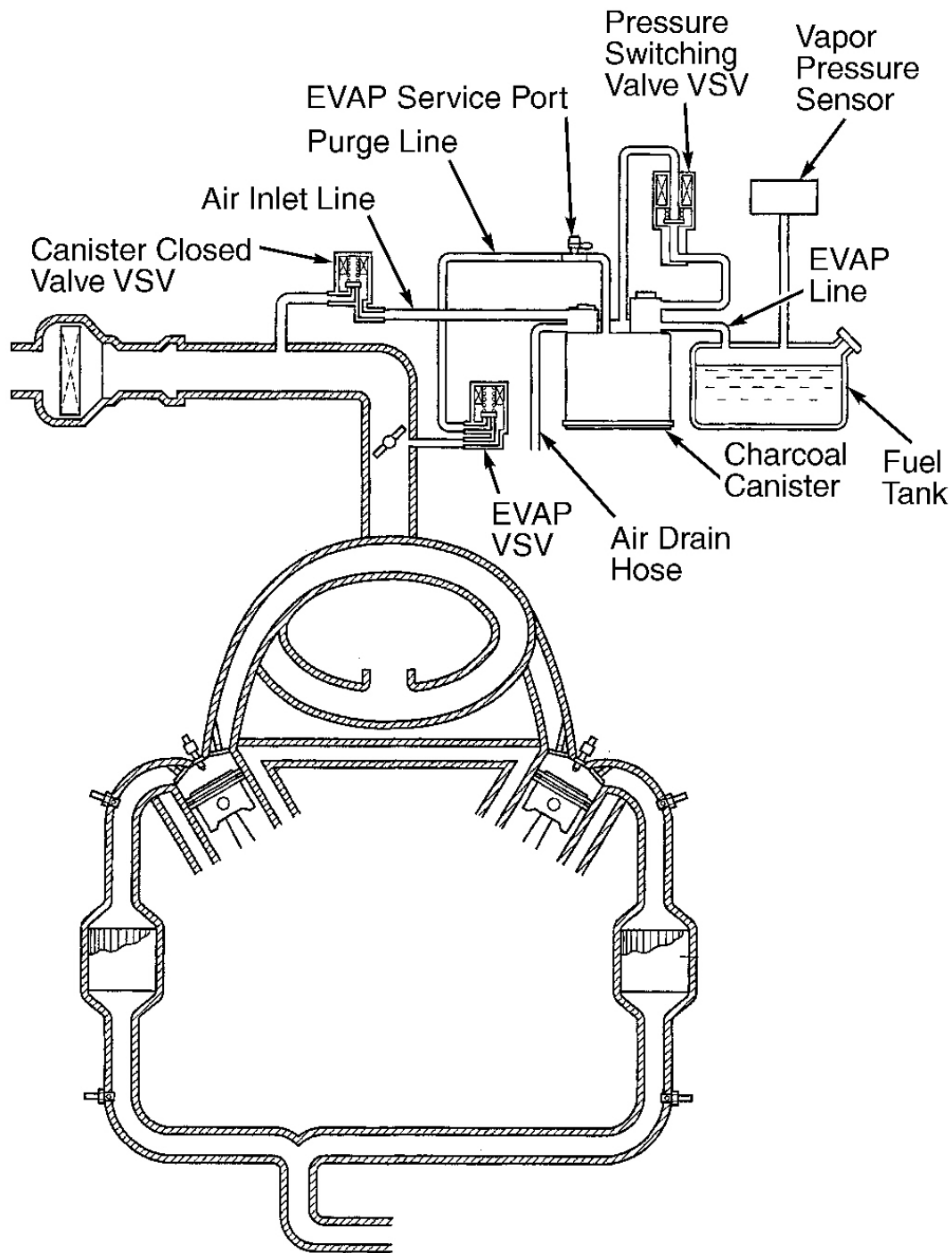
G00016270

Fig. 36: Vacuum Diagram (Sequoia 4.7L V8 - 1 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



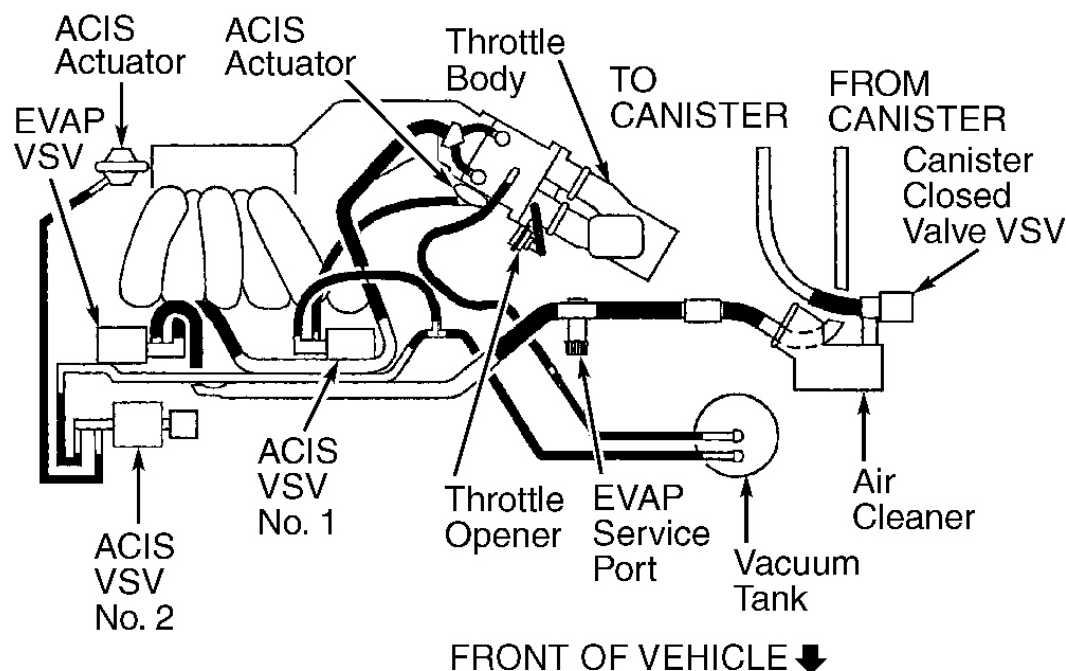
G00016271

Fig. 37: Vacuum Diagram (Sequoia 4.7L V8 - 2 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



G00016272

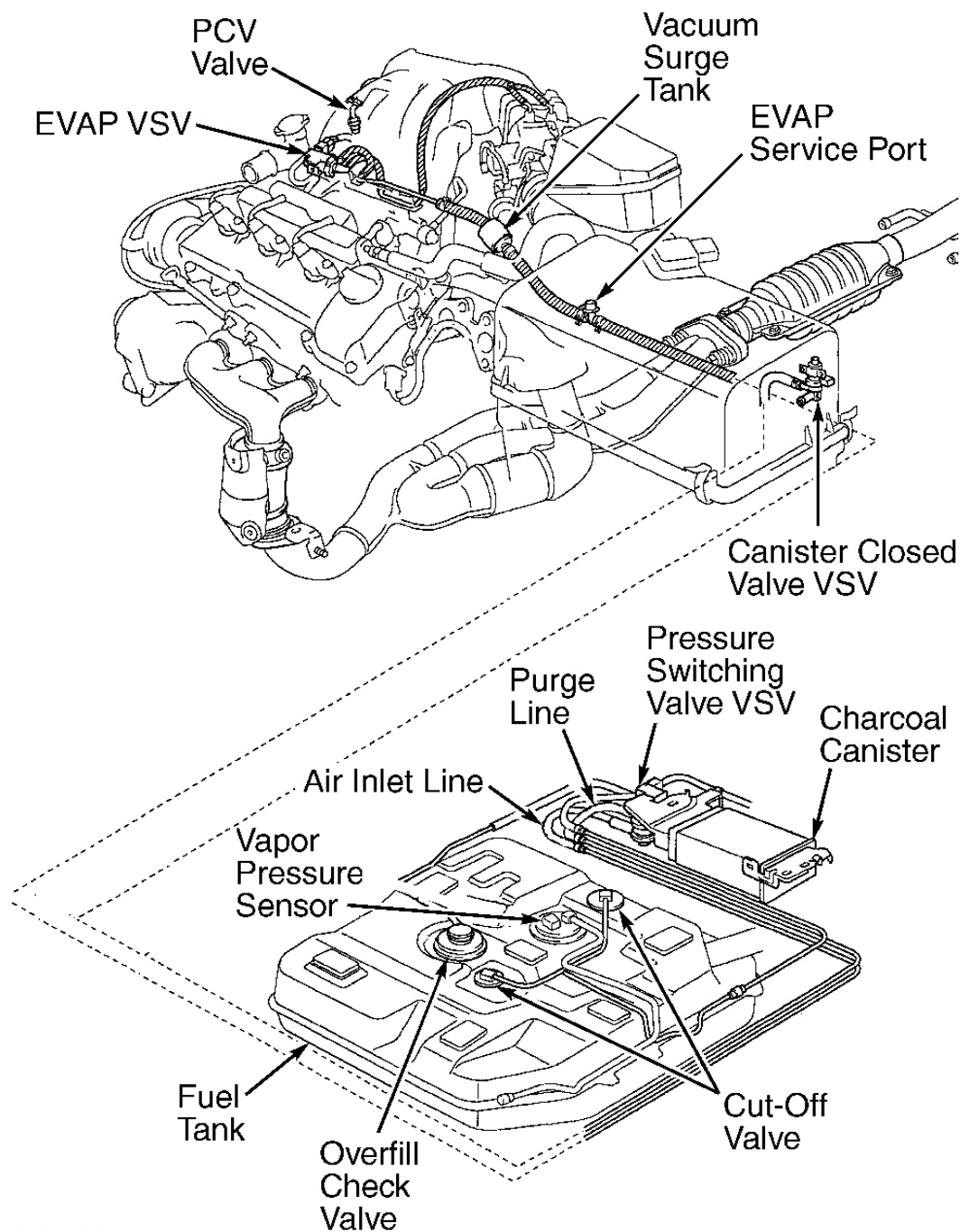
Fig. 38: Vacuum Diagram (Sequoia 4.7L V8 - 3 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



NOTE: ACIS VSV may also be referred to as intake air control valve VSV. Canister closed valve VSV may also be referred to as CCV VSV.

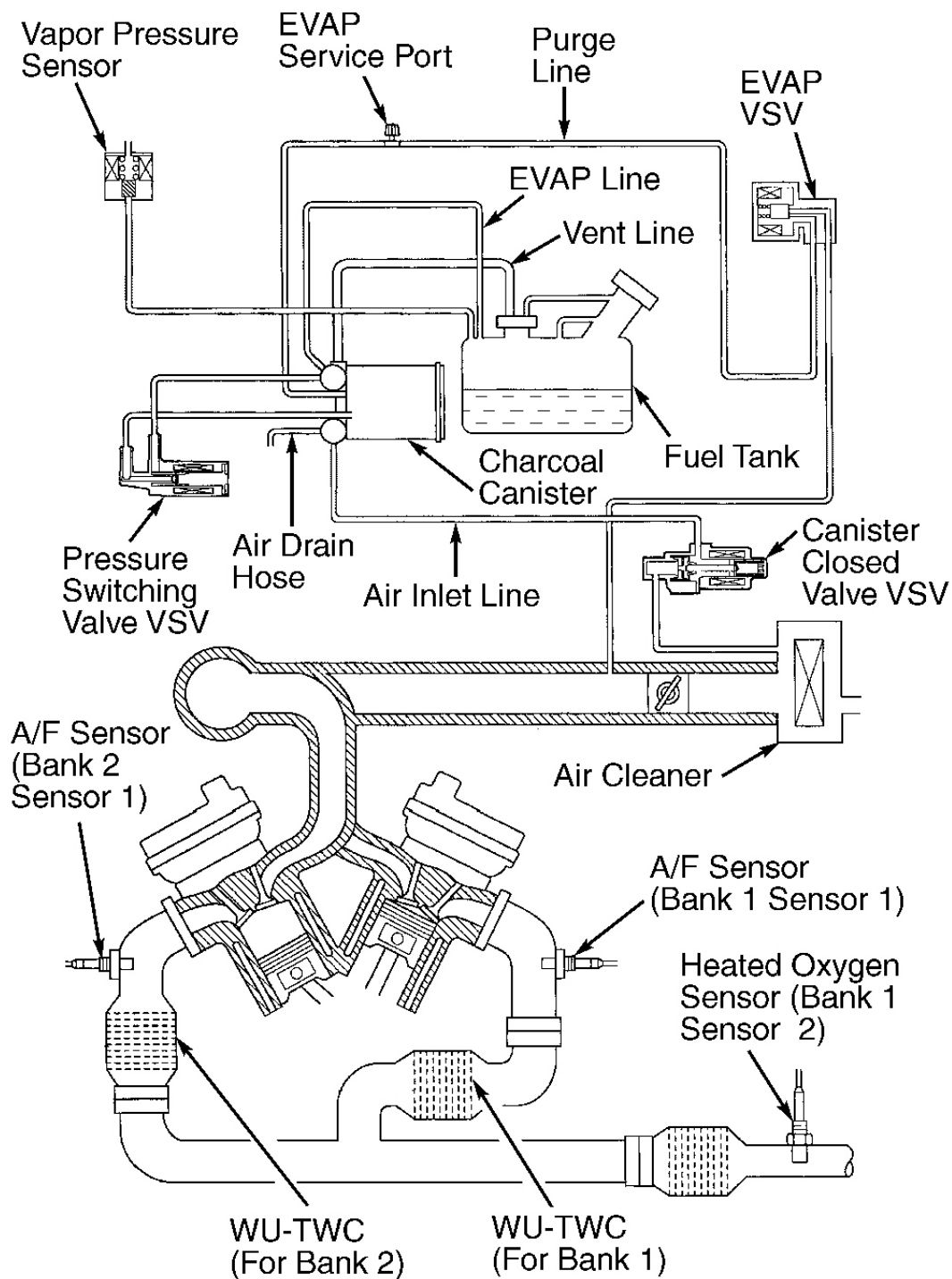
G00016273

Fig. 39: Vacuum Diagram (Sienna 3.0L V6 - 1 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



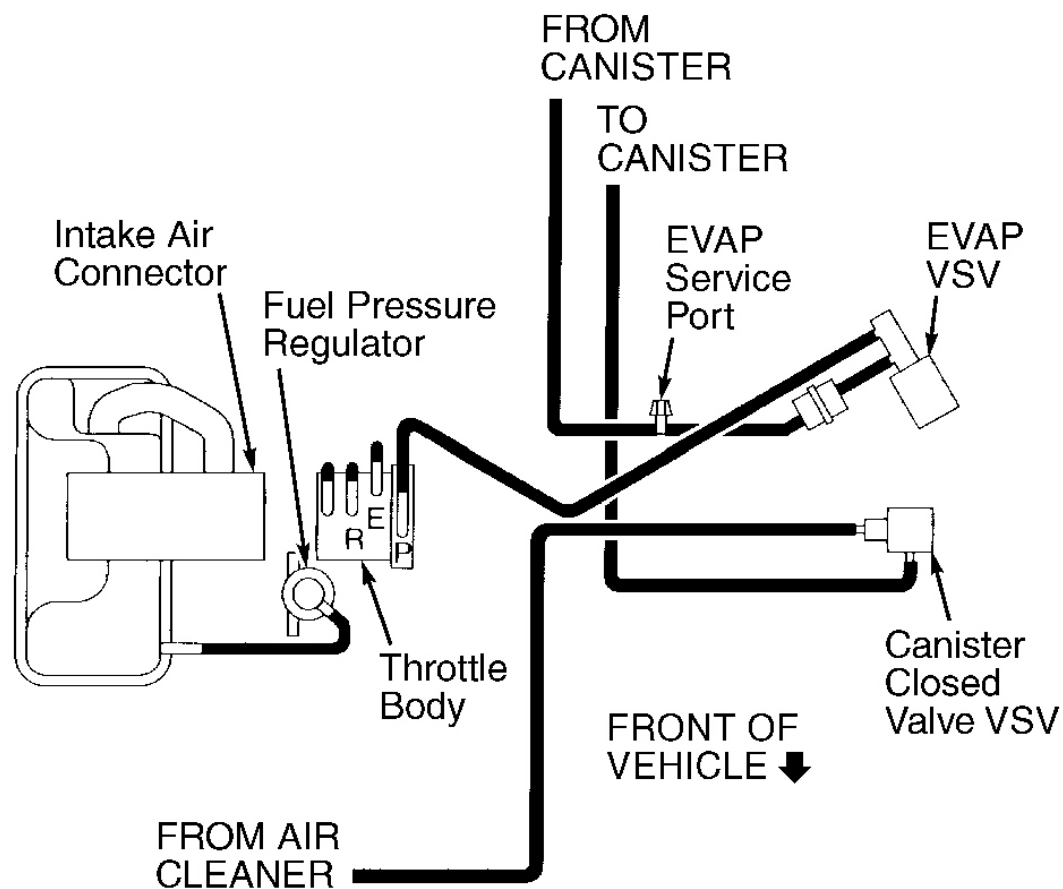
G00016274

Fig. 40: Vacuum Diagram (Sienna 3.0L V6 - 2 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



G00016275

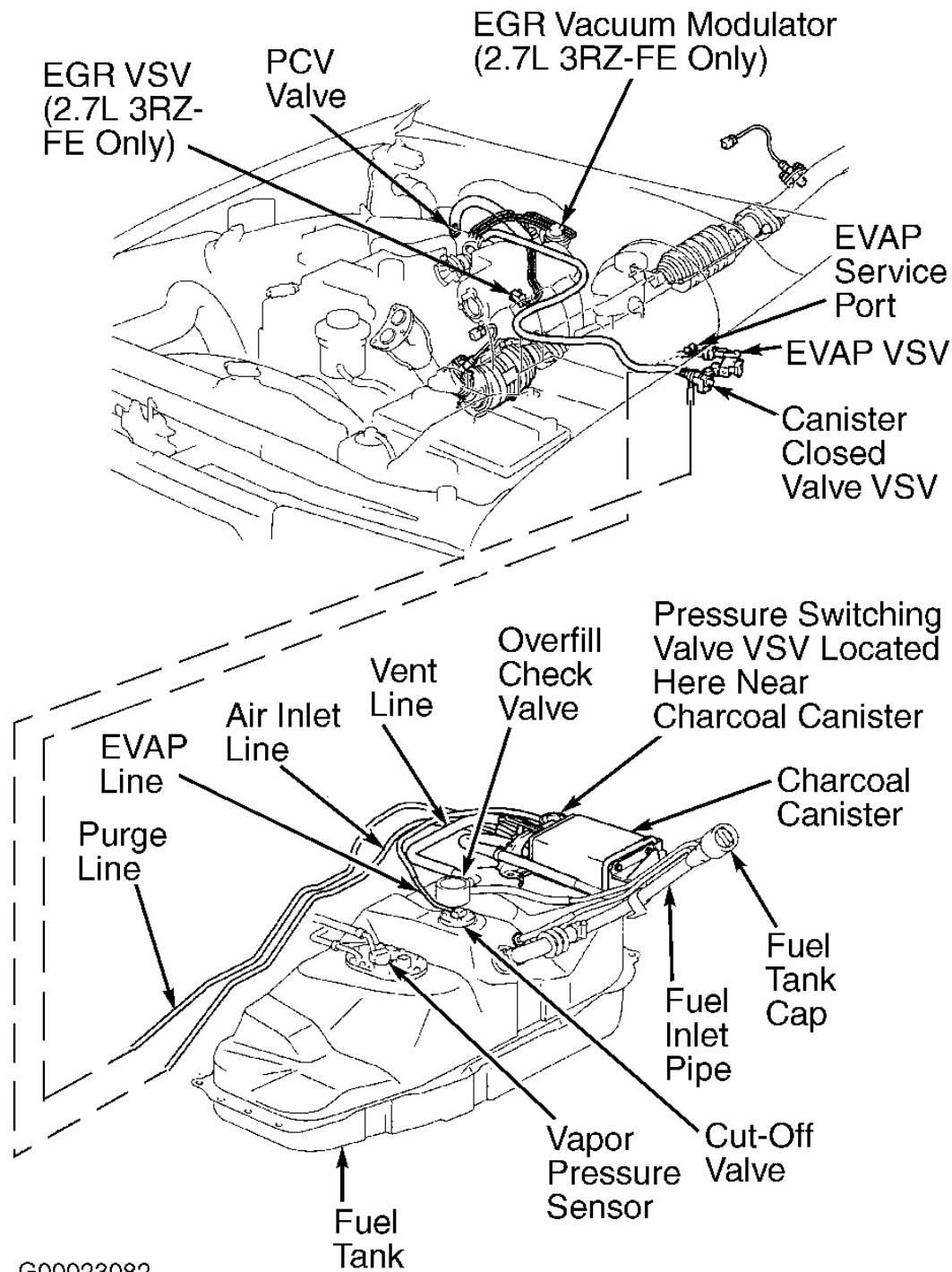
Fig. 41: Vacuum Diagram (Sienna 3.0L V6 - 3 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



NOTE: Canister closed valve VSV may also be referred to as CCV VSV.

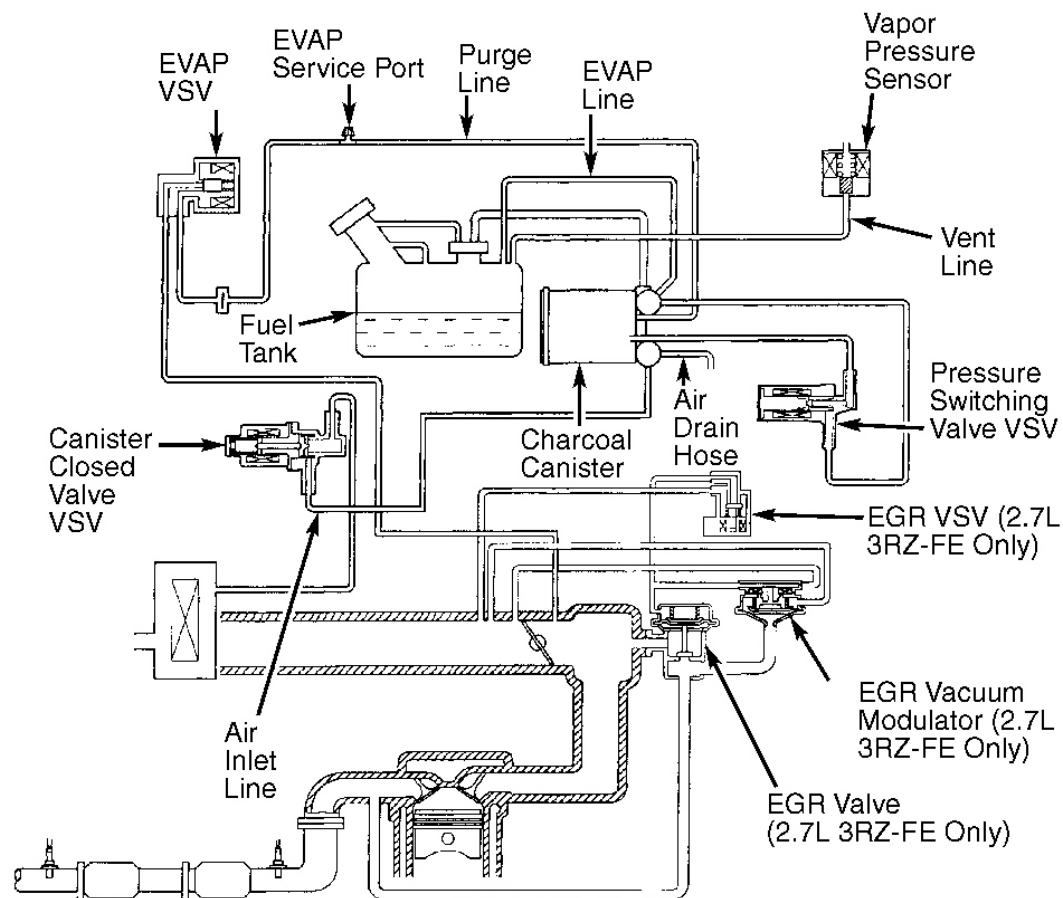
G00094865

Fig. 42: Vacuum Diagram (Tacoma 2.4L 4-Cyl. 2RZ-FE - 1 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



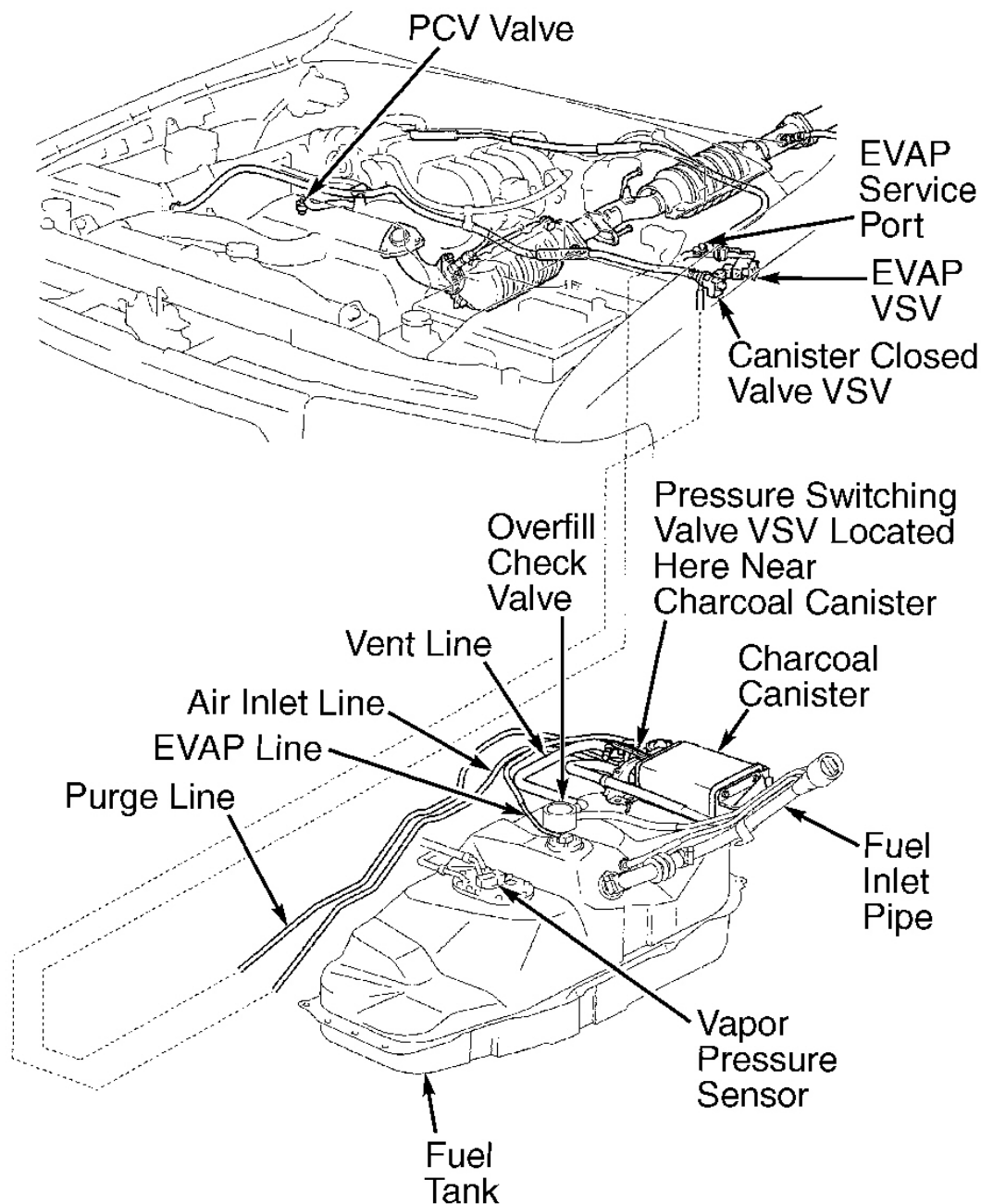
G00023082

Fig. 44: Vacuum Diagram (Tacoma 2.4L 4-Cyl. 2RZ-FE & 2.7L 4-Cyl. 3RZ-FE 4-Cyl. - 2 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



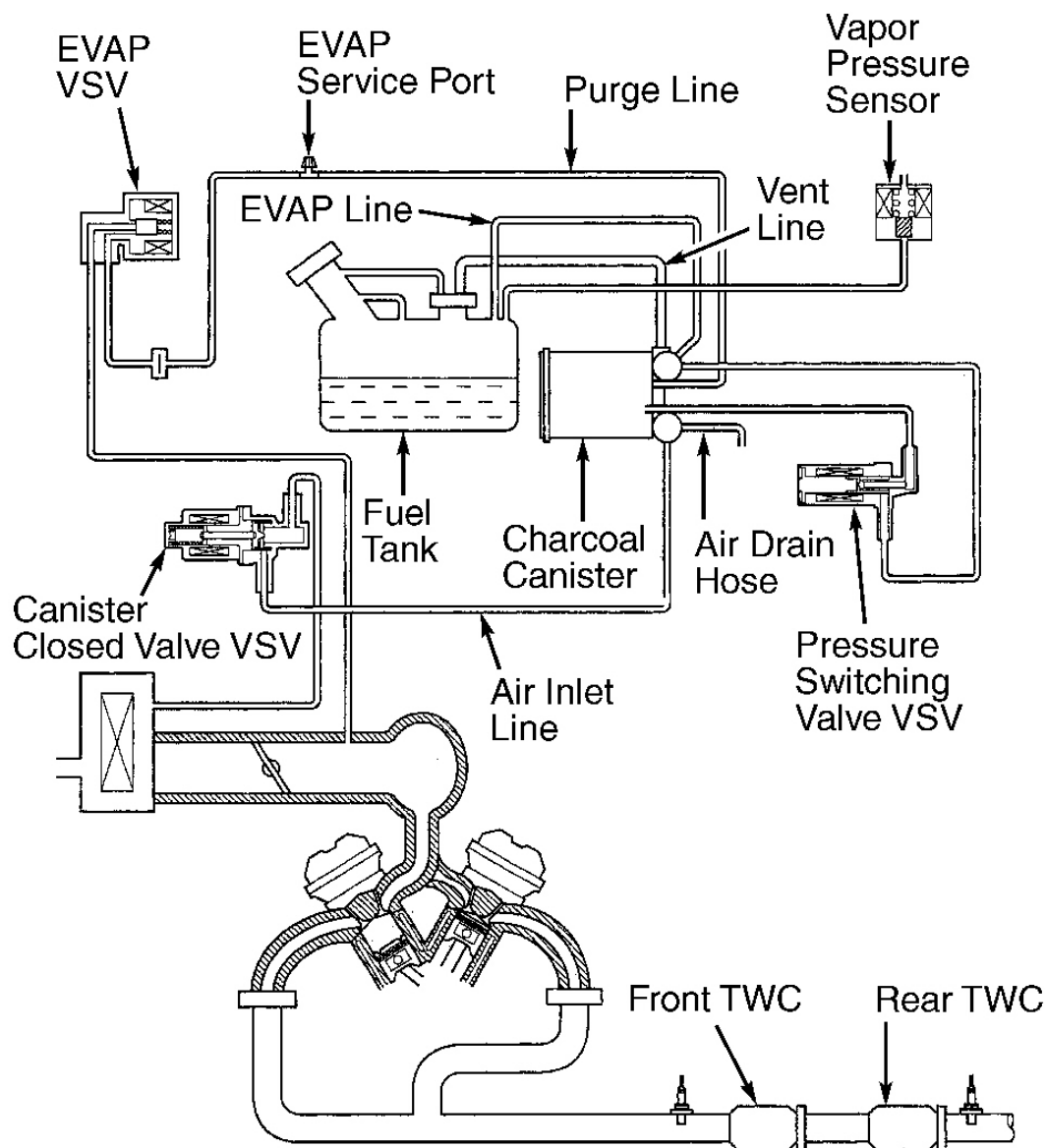
G00094873

Fig. 45: Vacuum Diagram (Tacoma 2.4L 4-Cyl. 2RZ-FE & 2.7L 4-Cyl. 3RZ-FE 4-Cyl. - 3 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



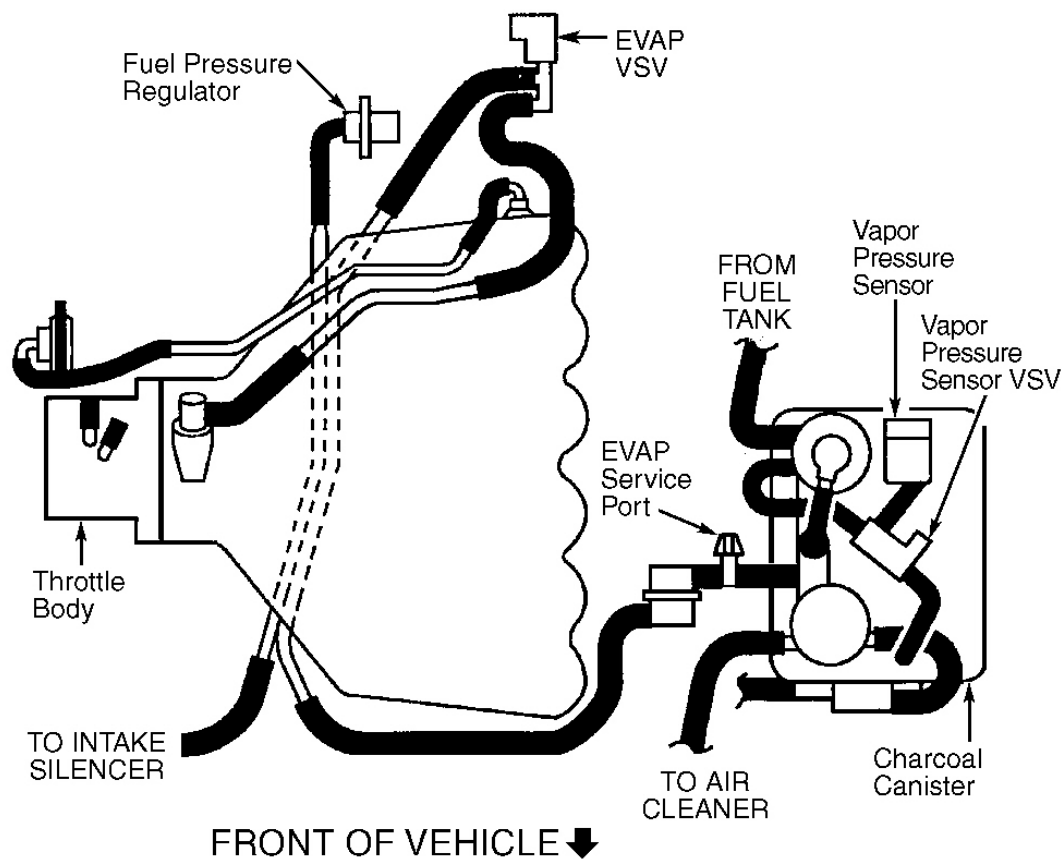
G00023055

Fig. 47: Vacuum Diagram (Tacoma 3.4L V6 - 2 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



G00016278

Fig. 48: Vacuum Diagram (Tacoma 3.4L V6 - 3 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



G00014293

Fig. 49: Vacuum Diagram (Tundra 3.4L V6 - 1 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

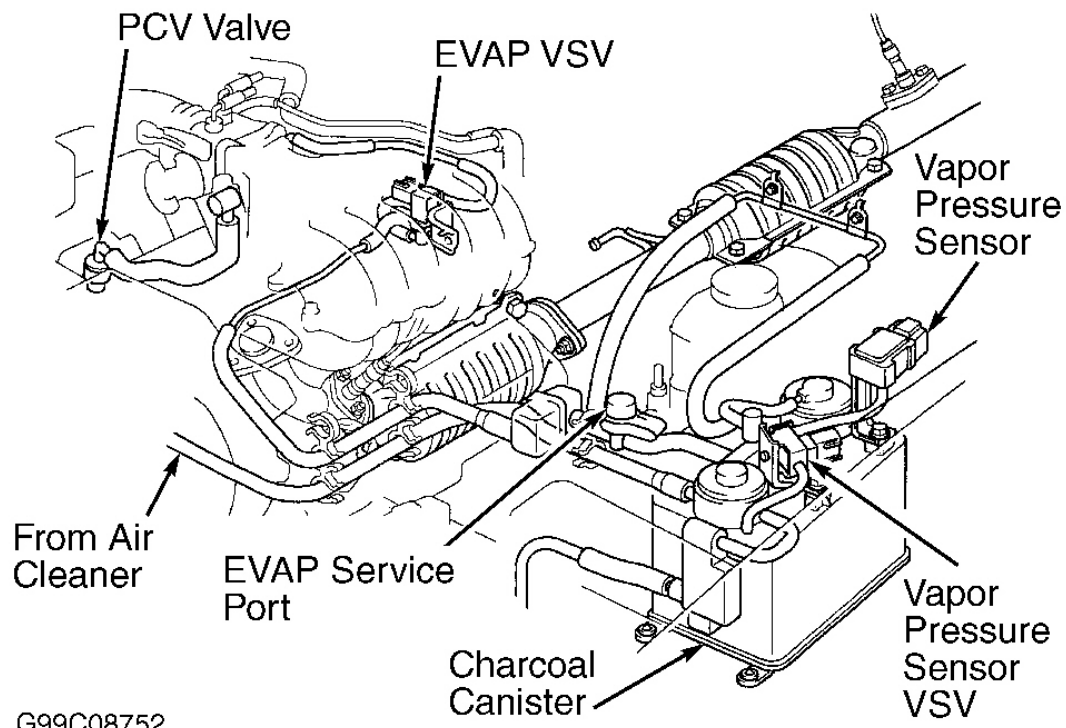
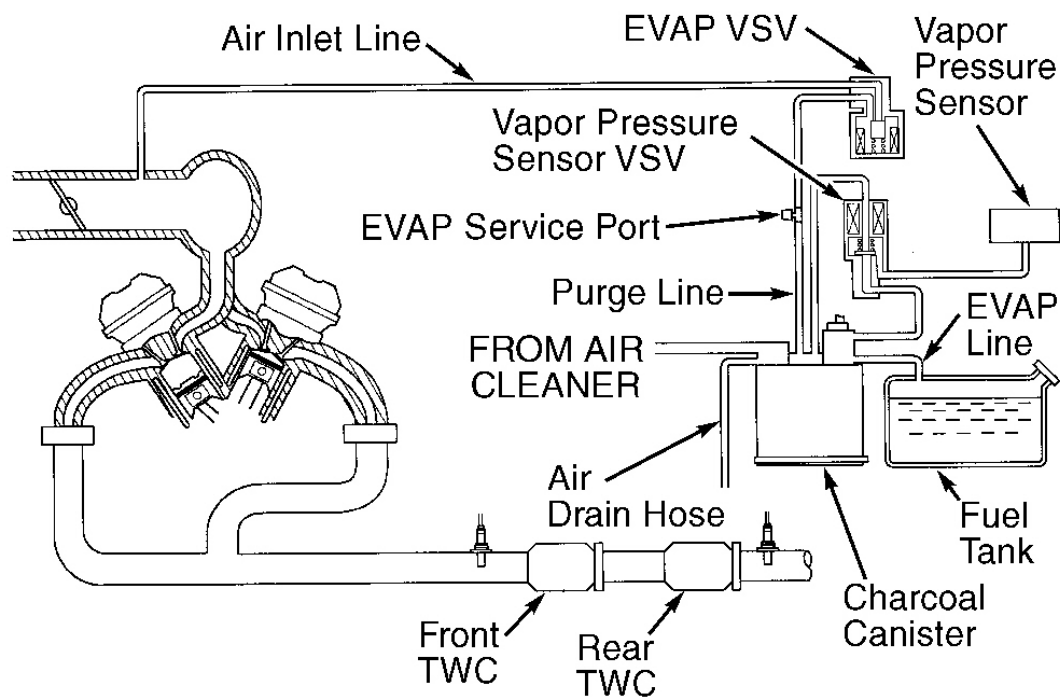
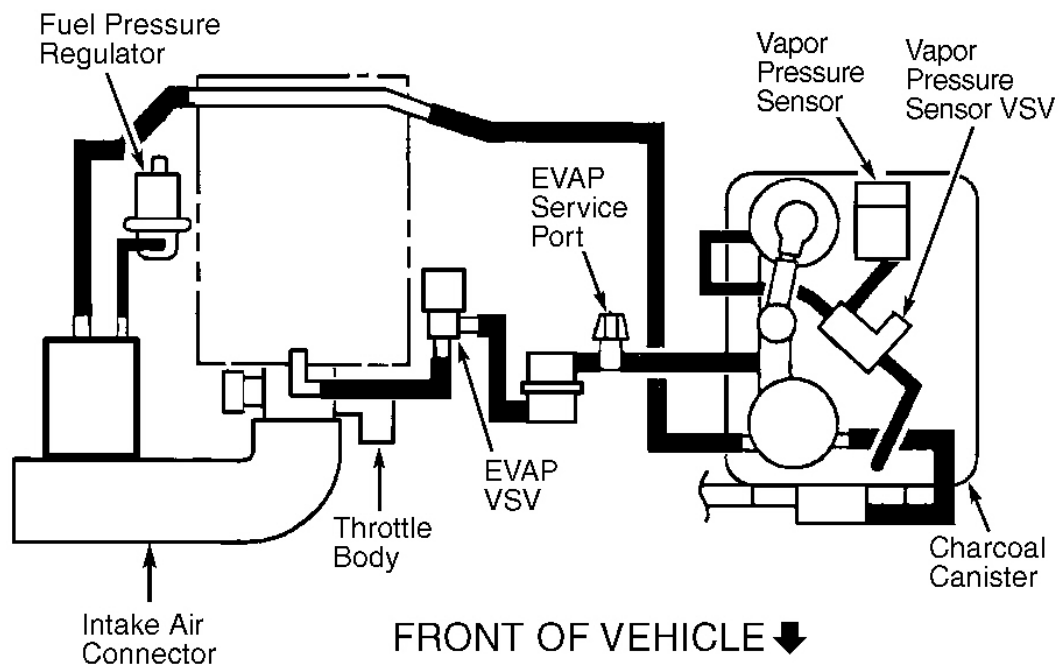


Fig. 50: Vacuum Diagram (Tundra 3.4L V6 - 2 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



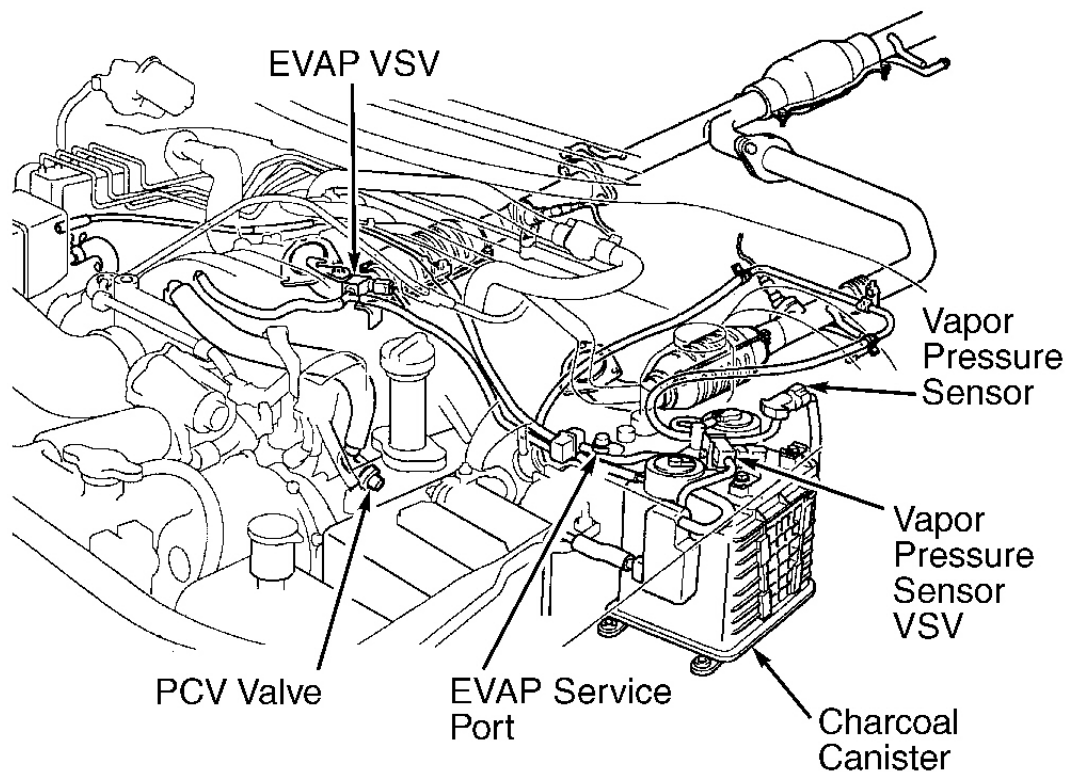
G99C52748

Fig. 51: Vacuum Diagram (Tundra 3.4L V6 - 3 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



G00014294

Fig. 52: Vacuum Diagram (Tundra 4.7L V8 - 1 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



G99E08753

Fig. 53: Vacuum Diagram (Tundra 4.7L V8 - 2 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

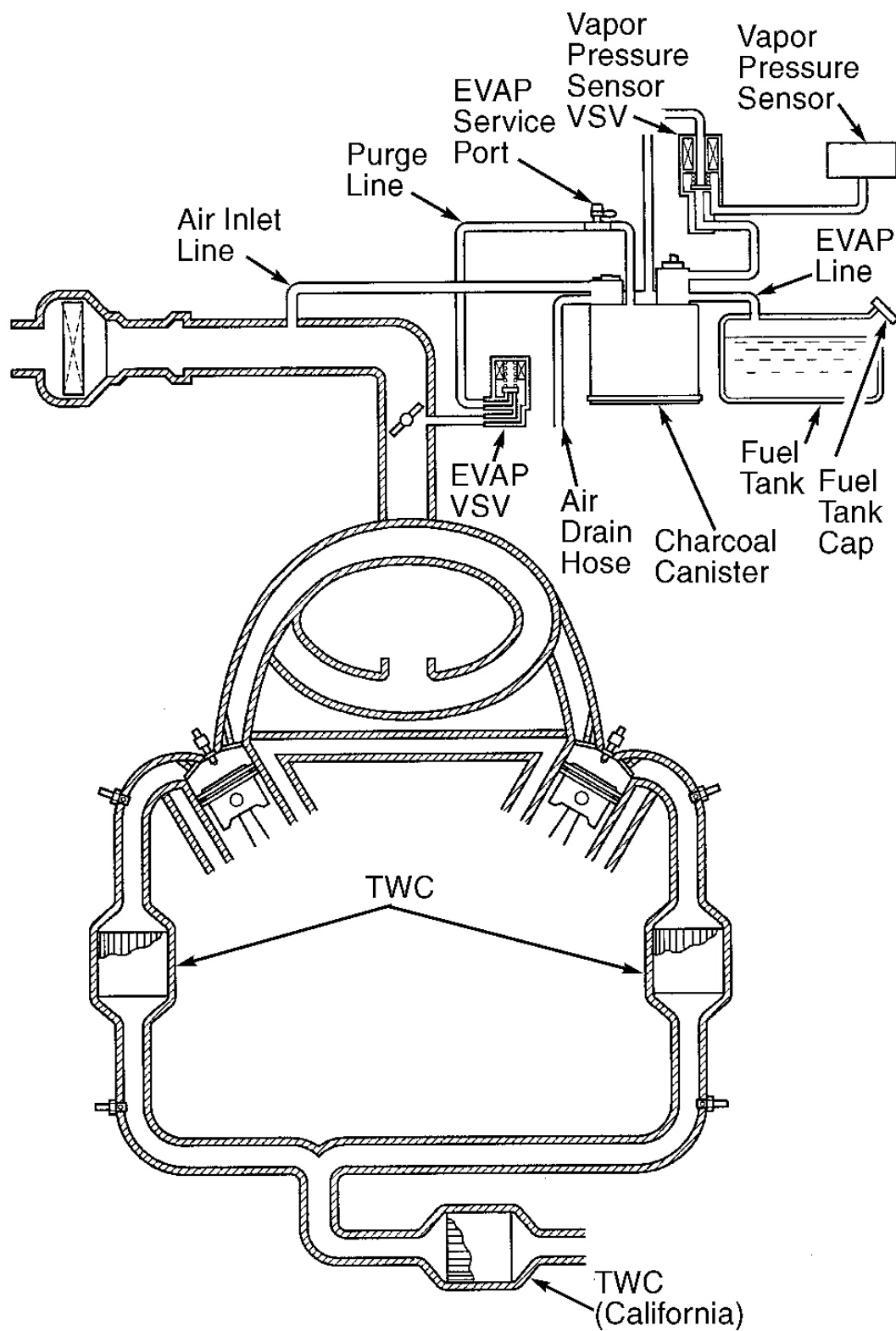
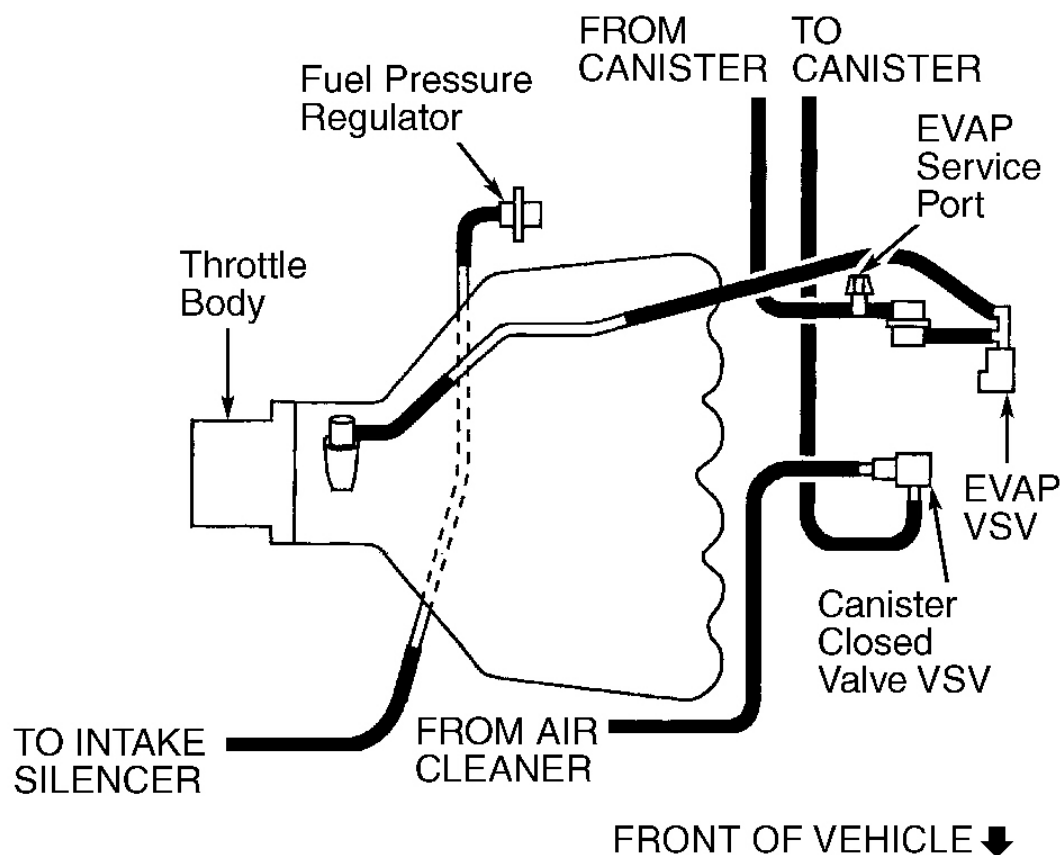


Fig. 54: Vacuum Diagram (Tundra 4.7L V8 - 3 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



NOTE: Canister closed valve VSV may also be referred to as CCV VSV.

G00016276

Fig. 55: Vacuum Diagram (4Runner 3.4L V6 - 1 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

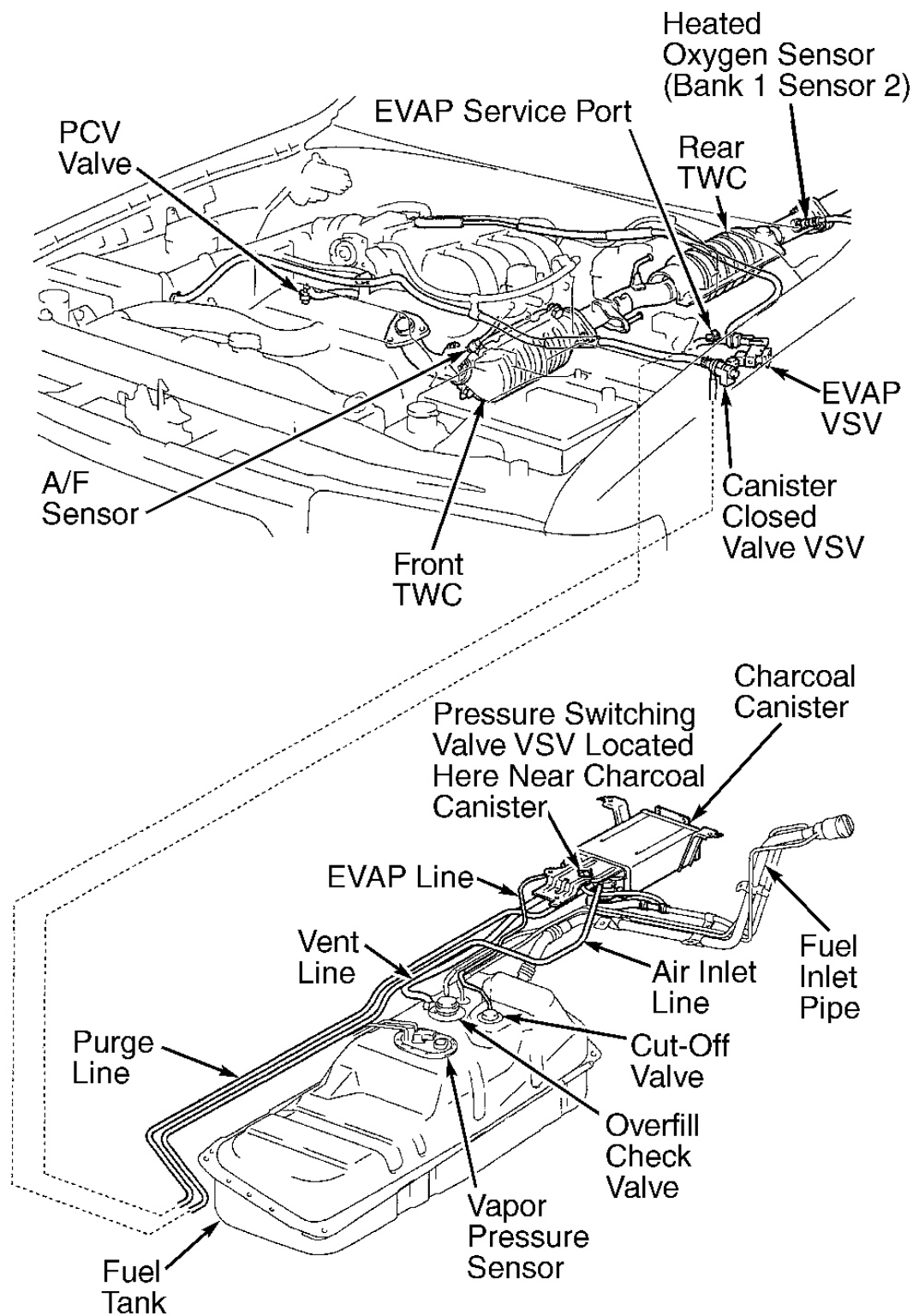
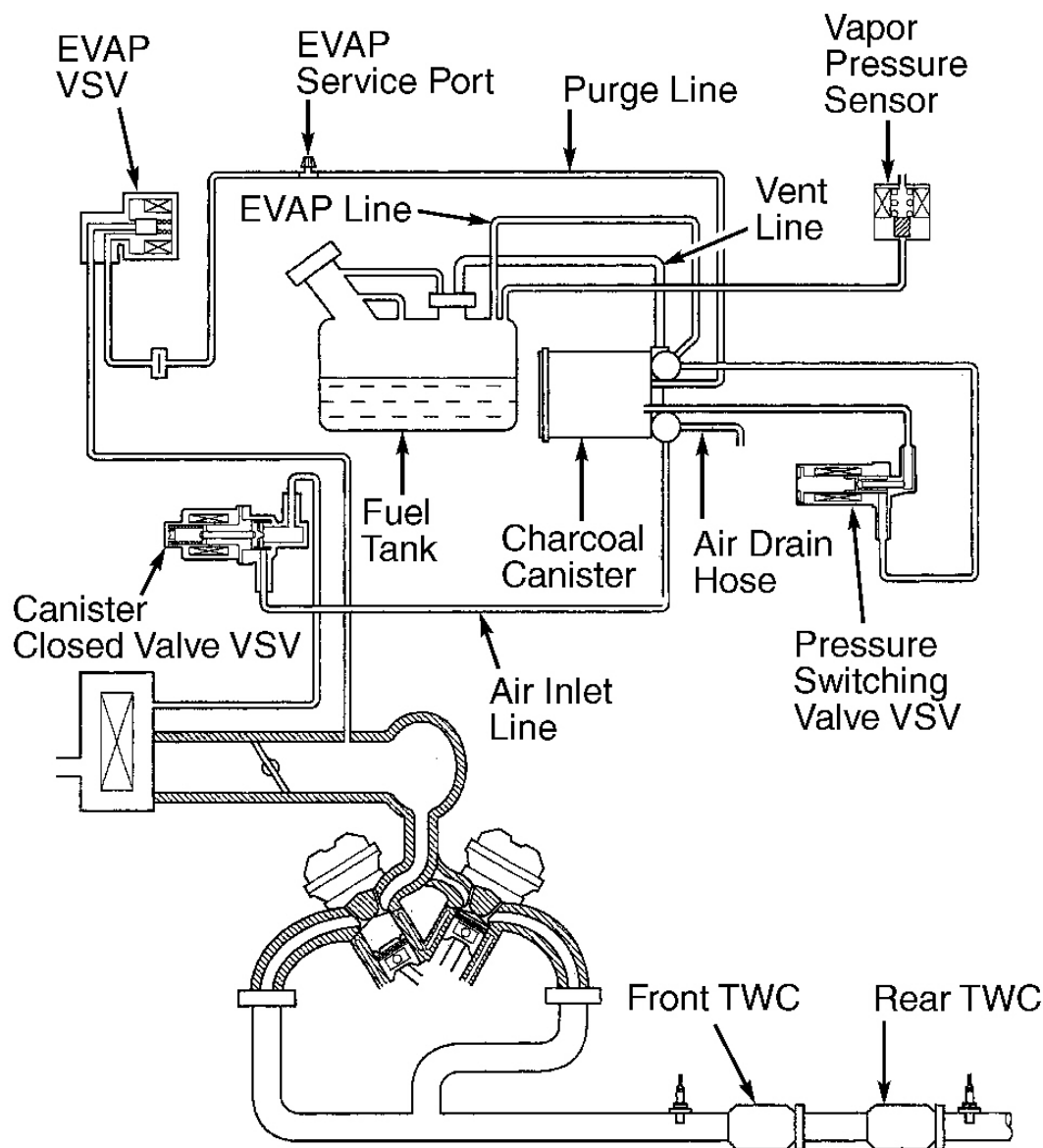


Fig. 56: Vacuum Diagram (4Runner 3.4L V6 - 2 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.



G00016278

Fig. 57: Vacuum Diagram (4Runner 3.4L V6 - 3 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.