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.

Fig. 1: Vacuum Diagram (Avalon 3.0L V6 - 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.
Fig. 2: Vacuum Diagram (Avalon 3.0L V6 - 2 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.
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.

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Fig. 4: Vacuum Diagram (Camry 2.4L 4-Cyl.)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.
Fig. 5: Vacuum Diagram (Camry 3.0L V6)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

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

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.

2002 Toyota MR2
2002 ENGINE PERFORMANCE Vacuum Diagrams
Fig. 7: Vacuum Diagram (Camry Solara 2.4L 4-Cyl. - 2 Of 2)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

NOTE: Canister closed valve VSV may also be referred to as CCV VSV.
Fig. 8: Vacuum Diagram (Camry Solara 3.0L V6 - 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.

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

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Fig. 11: Vacuum Diagram (Celica 1.8L 4-Cyl. 1ZZ-FE - 1 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.
Fig. 12: Vacuum Diagram (Celica 1.8L 4-Cyl. 2ZZ-GE - 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.

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

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

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Fig. 16: Vacuum Diagram (Corolla 1.8L 4-Cyl. - 2 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.
Fig. 17: Vacuum Diagram (Corolla 1.8L 4-Cyl. - 3 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.
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.

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Fig. 20: Vacuum Diagram (ECHO 1.5L 4-Cyl. - 3 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.
Fig. 21: Vacuum Diagram (Highlander 2.4L 4-Cyl.)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

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

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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.

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

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

Fig. 29: Vacuum Diagram (Prius 1.5L 4-Cyl. - 1 Of 4)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.
Fig. 30: Vacuum Diagram (Prius 1.5L 4-Cyl. - 2 Of 4)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

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

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

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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.

![Vacuum Diagram](image)

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

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Fig. 36: Vacuum Diagram (Sequoia 4.7L V8 - 1 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.
Fig. 37: Vacuum Diagram (Sequoia 4.7L V8 - 2 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.
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.

Fig. 39: Vacuum Diagram (Sienna 3.0L V6 - 1 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.
Fig. 40: Vacuum Diagram (Sienna 3.0L V6 - 2 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.
Fig. 41: Vacuum Diagram (Sienna 3.0L V6 - 3 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.
Fig. 42: Vacuum Diagram (Tacoma 2.4L 4-Cyl. 2RZ-FE - 1 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.
Fig. 43: Vacuum Diagram (Tacoma 2.7L 4-Cyl. 3RZ-FE - 1 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

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

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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.
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.
Fig. 46: Vacuum Diagram (Tacoma 3.4L V6 - 1 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

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

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Fig. 47: Vacuum Diagram (Tacoma 3.4L V6 - 2 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.
Fig. 48: Vacuum Diagram (Tacoma 3.4L V6 - 3 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.
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.
Fig. 51: Vacuum Diagram (Tundra 3.4L V6 - 3 Of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.
Fig. 52: Vacuum Diagram (Tundra 4.7L V8 - 1 Of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.
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.

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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.

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