

DIAGNOSTIC TROUBLE CODE CHART

HINT:

If a DTC is displayed during the DTC check, check the circuit for that code listed in the table below. For details of each code, turn to the page under the "DTC No." in the DTC chart.

DTC No. (See Page)	Detection Item	Trouble Area
B2501 (05-1959)	Short in Roof Drive Motor RH Circuit	<ul style="list-style-type: none"> • Sliding roof drive gear assy RH • Wire harness • Sliding roof control ECU assy
B2502 (05-1961)	Open in Roof Drive Motor RH Circuit	<ul style="list-style-type: none"> • Sliding roof drive gear assy RH • Wire harness • Sliding roof control ECU assy
B2503 (05-1964)	Short in Roof Drive Motor LH Circuit	<ul style="list-style-type: none"> • Sliding roof drive gear assy LH • Wire harness • Sliding roof control ECU assy
B2504 (05-1966)	Open in Roof Drive Motor LH Circuit	<ul style="list-style-type: none"> • Sliding roof drive gear assy LH • Wire harness • Sliding roof control ECU assy
B2505 (05-1969)	Short in Luggage Door Drive Motor RH Circuit	<ul style="list-style-type: none"> • Luggage door drive gear assy RH • Wire harness • Sliding roof control ECU assy
B2506 (05-1971)	Open in Luggage Door Drive Motor RH Circuit	<ul style="list-style-type: none"> • Luggage door drive gear assy RH • Wire harness • Sliding roof control ECU assy
B2507 (05-1974)	Short in Luggage Door Drive Motor LH Circuit	<ul style="list-style-type: none"> • Luggage door drive gear assy LH • Wire harness • Sliding roof control ECU assy
B2508 (05-1976)	Open in Luggage Door Drive Motor LH Circuit	<ul style="list-style-type: none"> • Luggage door drive gear assy LH • Wire harness • Sliding roof control ECU assy
B2509 (05-1979)	Short in Pulse Width Modulation Motor RH Circuit	<ul style="list-style-type: none"> • Sliding roof driver gear assy RH • Luggage door drive gear assy RH • Luggage closer motor assy RH • Wire harness • Sliding roof control ECU assy
B2510 (05-1983)	Short in Pulse Width Modulation Motor LH Circuit	<ul style="list-style-type: none"> • Sliding roof driver gear assy LH • Luggage door drive gear assy LH • Luggage closer motor assy LH • Wire harness • Sliding roof control ECU assy
B2511 (05-1987)	Open in Roof Lock Motor Circuit	<ul style="list-style-type: none"> • Sliding roof drive gear sub-assy (Roof lock motor) • Wire harness • Sliding roof control ECU assy
B2512 (05-1990)	Short in Luggage Closer Motor RH Circuit	<ul style="list-style-type: none"> • Luggage closer motor assy RH • Wire harness • Sliding roof control ECU assy
B2513 (05-1992)	Open in Luggage Closer Motor RH Circuit	<ul style="list-style-type: none"> • Luggage closer motor assy RH • Wire harness • Sliding roof control ECU assy
B2514 (05-1995)	Short in Luggage Closer Motor LH Circuit	<ul style="list-style-type: none"> • Luggage closer motor assy LH • Wire harness • Sliding roof control ECU assy
B2515 (05-2000)	Open in Luggage Closer Motor LH Circuit	<ul style="list-style-type: none"> • Luggage closer motor assy LH • Wire harness • Sliding roof control ECU assy
B2516 (05-2000)	Open in Quarter Window Motor RH Circuit	<ul style="list-style-type: none"> • Power window regulator motor assy RH • Wire harness • Sliding roof control ECU assy

DIAGNOSTICS - RETRACTABLE HARDTOP SYSTEM

DTC No. (See Page)	Detection Item	Trouble Area
B2517 (05-2003)	Open in Quarter Window Motor LH Circuit	<ul style="list-style-type: none"> • Power window regulator motor assy LH • Wire harness • Sliding roof control ECU assy
B2518 (05-2006)	Open in Package tray Motor Circuit	<ul style="list-style-type: none"> • Package tray trim link LH motor assy • Wire harness • Sliding roof control ECU assy
B2520 (05-2009)	Roof Lock Switch Malfunction	<ul style="list-style-type: none"> • Slide roof limit switch (Roof lock) • Wire harness • Sliding roof control ECU assy
B2521 (05-2012)	Roof Close Switch RH Malfunction	<ul style="list-style-type: none"> • Slid roof limit switch (Roof close RH) • Wire harness • Sliding roof control ECU assy
B2522 (05-2015)	Roof Close Switch LH Malfunction	<ul style="list-style-type: none"> • Slide roof limit switch (Roof close LH) • Wire harness • Sliding roof control ECU assy
B2523 (05-2018)	Roof Position Switch No. 1 Malfunction	<ul style="list-style-type: none"> • Slide roof limit switch (Roof position No. 1, No. 2) • Wire harness • Sliding roof control ECU assy
B2524 (05-2021)	Roof Position Switch No. 2 Malfunction	<ul style="list-style-type: none"> • Slide roof limit switch (Roof position No. 1, No. 2) • Wire harness • Sliding roof control ECU assy
B2525 (05-2024)	Roof Position Switch No. 3 Malfunction	<ul style="list-style-type: none"> • Slide roof limit switch (Roof position No. 3) • Wire harness • Sliding roof control ECU assy
B2526 (05-2027)	Roof Position Switch No.1, No. 2 or No.3 Malfunction	<ul style="list-style-type: none"> • Slide roof limit switch (Roof position No. 1, No. 2) • Slide roof limit switch (Roof position No. 3) • Wire harness • Sliding roof control ECU assy
B2527 (05-2032)	Roof Open Switch Malfunction	<ul style="list-style-type: none"> • Slide roof limit switch (Roof open) • Wire harness • Sliding roof control ECU assy
B2528 (05-2035)	Luggage Door Close Switch Malfunction	<ul style="list-style-type: none"> • Limit switch assy (Luggage door open and close) • Wire harness • Sliding roof control ECU assy
B2529 (05-2038)	Luggage Front Lock Switch RH Malfunction	<ul style="list-style-type: none"> • Limit switch assy (Luggage front lock RH) • Wire harness • Sliding roof control ECU assy
B2530 (05-2041)	Luggage Front Lock Switch LH Malfunction	<ul style="list-style-type: none"> • Limit switch assy (Luggage front lock LH) • Wire harness • Sliding roof control ECU assy
B2531 (05-2044)	Luggage Door Open Switch Malfunction	<ul style="list-style-type: none"> • Limit switch assy (Luggage door open and close) • Wire harness • Sliding roof control ECU assy
B2532 (05-2047)	Package Tray Switch No. 1 Malfunction	<ul style="list-style-type: none"> • Slide roof limit switch (Package tray No. 1) • Wire harness • Sliding roof control ECU assy
B2533 (05-2050)	Package Tray Switch No. 2 Malfunction	<ul style="list-style-type: none"> • Slide roof limit switch (Package tray No. 2) • Wire harness • Sliding roof control ECU assy
B2534 (05-2053)	Package Tray Switch No.1 or No.2 Malfunction	<ul style="list-style-type: none"> • Slide roof limit switch (Package tray No. 1) • Slide roof limit swtch (Package tray No. 2) • Wire harness • Sliding roof control ECU assy
B2535 (05-2057)	Tonneau Cover Switch Malfunction	<ul style="list-style-type: none"> • Limit switch (Tonneau cover) • Wire harness • Sliding roof control ECU assy

DTC No. (See Page)	Detection Item	Trouble Area
B2536 (05-2059)	Luggage Courtesy Switch Malfunction	<ul style="list-style-type: none"> • Luggage door lock assy (Courtesy switch) • Wire harness • Sliding roof control ECU assy
B2537 (05-2062)	Roof Control Switch Malfunction	<ul style="list-style-type: none"> • Air conditioner control assy (Roof control switch) • Wire harness • Sliding roof control ECU assy
B2538 (05-2065)	Abnormal Roof Drive Motor RH Pulse	<ul style="list-style-type: none"> • Sliding roof drive gear assy RH • Wire harness • Sliding roof control ECU assy
B2539 (05-2068)	Abnormal Roof Drive Motor LH Pulse	<ul style="list-style-type: none"> • Sliding roof drive gear assy LH • Wire harness • Sliding roof control ECU assy
B2540 (05-2071)	Abnormal Difference Between RH and LH Roof Drive Motor Pulse	<ul style="list-style-type: none"> • Slide roof drive gear assy RH • Slide roof drive gear assy LH • Wire harness • Sliding roof control ECU assy
B2541 (05-2076)	Abnormal Luggage Door Drive Motor RH Pulse	<ul style="list-style-type: none"> • Luggage door drive gear assy RH • Wire harness • Sliding roof control ECU assy
B2542 (05-2079)	Abnormal Luggage Door Drive Motor LH Pulse	<ul style="list-style-type: none"> • Luggage door drive gear assy LH • Wire harness • Sliding roof control ECU assy
B2543 (05-2082)	Abnormal Difference Between RH and LH Luggage Door Drive Motor Pulse	<ul style="list-style-type: none"> • Luggage door drive gear assy RH • Luggage door drive gear assy LH • Wire harness • Sliding roof control ECU assy
B2544 (05-2087)	Transponder Key ECU Communication Stop	<ul style="list-style-type: none"> • Wire harness • Transponder key ECU
B2545 (05-2088)	ECM Communication Stop	<ul style="list-style-type: none"> • Wire harness • ECM
B2546 (05-2089)	Combination Meter ECU Communication Stop	<ul style="list-style-type: none"> • Wire harness • Combination meter assy
B2547 (05-2090)	Luggage Room J/B ECU Communication Stop	<ul style="list-style-type: none"> • Wire harness • Luggage room J/B assy
B2548 (05-2091)	Driver Side J/B ECU Communication Stop	<ul style="list-style-type: none"> • Wire harness • Driver side J/B assy
B2549 (05-2092)	Driver Door ECU Communication Stop	<ul style="list-style-type: none"> • Wire harness • Multiplex network door ECU front LH
B2550 (05-2093)	Passenger Door ECU Communication Stop	<ul style="list-style-type: none"> • Wire harness • Multiplex network door ECU front RH
B2551 (05-2094)	Pulse Width Modulation Motor RH Power Supply Circuit Malfunction	<ul style="list-style-type: none"> • Wire harness • Sliding roof control ECU assy
B2552 (05-2096)	Pulse Width Modulation Motor LH Power Supply Circuit Malfunction	<ul style="list-style-type: none"> • Wire harness • Sliding roof control ECU assy
B2553 (05-2098)	Sliding Roof Control ECU Malfunction	<ul style="list-style-type: none"> • Sliding roof control ECU assy
B2554 (05-2099)	Retractable Hardtop System Malfunction	<ul style="list-style-type: none"> • Retractable hardtop system
B2555 (05-2100)	A/C ECU Communication Stop	<ul style="list-style-type: none"> • Wire harness • Air conditioning control assy