

DIAGNOSTIC TROUBLE CODE CHART

HINT:

- Using SST 09843-18020, connect the terminals Tc and E₁.
- If a malfunction code is displayed during the DTC check, check the circuit listed for that code. For details of each code, turn to the page referred to under the "See page" for the respective "DTC No." in the DTC chart.

DTC No. (See Page)	Detection Item	Trouble Area
24 (DI-467)	Open or short in sub-throttle actuator circuit	<ul style="list-style-type: none"> • TRAC fuse • Open or short in BM circuit • Sub-throttle actuator • Open or short in sub-throttle actuator circuit • Throttle valve motor driver
25 (DI-470)	Step motor does not move to a position decided by ECM	<ul style="list-style-type: none"> • Sub-throttle actuator • Throttle body (sub-throttle valve is stuck or operation is faulty)
26 (DI-470)	Sub-throttle valve does not move even when the sub-throttle valve is controlled to fully open position by ECU	<ul style="list-style-type: none"> • Sub-throttle position sensor • Open or short in sub-throttle position sensor circuit • ECM • Throttle valve motor driver
28 (DI-471)	Throttle valve motor driver communication circuit malfunction	<ul style="list-style-type: none"> • Open or short in THD circuit • Open or short in TRC+ or TRC- circuit • Throttle valve motor driver • ABS & TRAC ECU
29 (DI-471)	Malfunction in throttle valve motor driver	<ul style="list-style-type: none"> • Throttle valve motor driver
43 (DI-473)	Malfunction in ABS control system	<ul style="list-style-type: none"> • ABS control system
44 (DI-474)	Open or short in NE signal circuit	<ul style="list-style-type: none"> • Open or short in NEO circuit • ECM • ABS & TRAC ECU
47 (DI-476)	Sub-throttle position sensor circuit malfunction	<ul style="list-style-type: none"> • Sub-throttle position sensor • Open or short in IDL2 circuit • ECM • Throttle valve motor driver
48 (DI-476)	Open or short in sub-throttle position sensor circuit	<ul style="list-style-type: none"> • Sub-throttle position sensor • Open or short in VTA2 circuit • ECM
51*1 (DI-480)	ECM system malfunction	<ul style="list-style-type: none"> • Engine control system
52*1 (DI-481)	Brake fluid reservoir level low	<ul style="list-style-type: none"> • Brake fluid level • Brake fluid level warning switch • Short in brake fluid level warning switch circuit • ABS & TRAC ECU
53 (DI-483)	ECM communication circuit malfunction	<ul style="list-style-type: none"> • Open or short in TRA circuit • Open or short in EFI+ or EFI- circuit • ECM • ABS & TRAC ECU
Always ON	Malfunction in ABS & TRAC ECU TRAC OFF switch ON	<ul style="list-style-type: none"> • Refer to TRAC OFF indicator, TRAC cut switch circuit flow chart (See page BR-94)..

*1: When the DTCs No.51 and No.52 show normal condition, they erase the diag code.