

PROBLEM SYMPTOMS TABLE

HINT:

Use the table below to help determine the causes of the problem symptom. The potential cases of the symptoms are listed in order of probability in the "Suspected Area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.

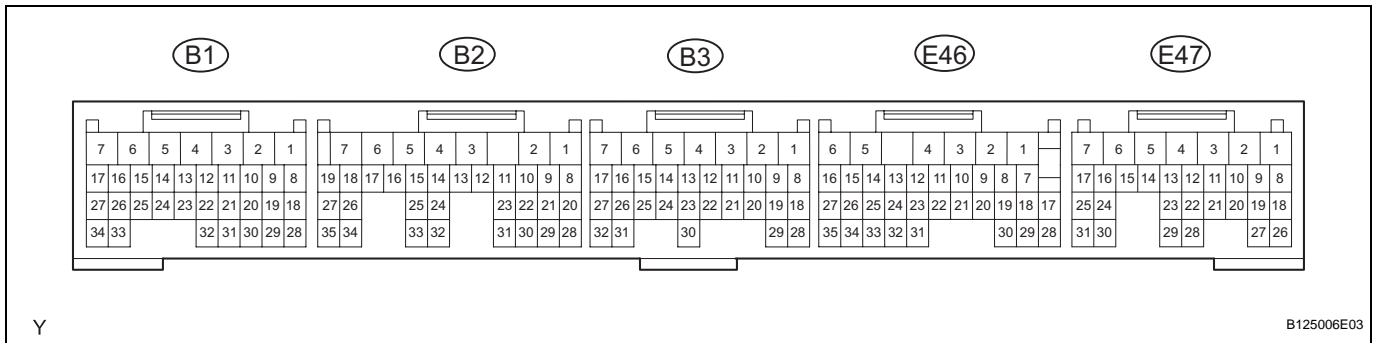
Cruise Control System

| Symptom | Suspected area | See page |
|---|--|-----------------------|
| Main switch cannot be turned ON (Indicator light on the combination meter does not come on) | Cruise control switch circuit | CC-26 |
| | CRUISE MAIN indicator light circuit | CC-31 |
| | Harness and connector | - |
| | ECM | - |
| Desired speed cannot be set (Indicator light on the combination meter comes on when the main switch is turned ON, but goes off when operating the "SET" function) | Cruise control switch circuit | CC-26 |
| | ECM | - |
| Desired speed cannot be set (Indicator light on the combination comes on when the main switch is turned ON and it remains ON, while operating the "SET" function) | Cruise control switch circuit | CC-26 |
| | Stop light switch circuit | CC-19 |
| | Clutch switch circuit (M/T) | CC-23 |
| | Park/neutral position switch circuit (A/T) | - |
| | Combination meter system | CC-31 |
| | Speed sensor circuit | CC-18 |
| | ECM | - |
| While cruise control driving, the set speed is canceled (Indicator light remains ON) | Cruise control switch circuit | CC-26 |
| | Speed sensor circuit | CC-18 |
| | Stop light switch circuit | CC-19 |
| | Combination meter system | CC-31 |
| | Clutch switch circuit (M/T) | CC-23 |
| | Park/neutral position switch circuit (A/T) | - |
| | ECM | - |
| Hunting occurs (Speed is not constant) | Speed sensor circuit | CC-18 |
| | ECM | - |
| Speed setting cannot be canceled ("CANCEL" function failure only) | Cruise control switch circuit | CC-26 |
| | ECM | - |
| DTC is not output, or is output when should not be | DLC3 circuit | CC-33 |
| | ECM | - |
| Cruise control cannot be canceled when vehicle speed decreases to below low speed limit | Speed sensor circuit | CC-18 |
| | ECM | - |
| Cruise control cannot be canceled when brake pedal is depressed | Stop light switch circuit | CC-19 |
| | ECM | - |
| Cruise control cannot be canceled when shift lever is operated (A/T) | Park/neutral position switch circuit | - |
| | ECM | - |
| Cruise control cannot be canceled when clutch pedal is depressed (M/T) | Clutch switch circuit | CC-23 |
| | ECM | - |

CC

TERMINALS OF ECM

1. CHECK ECM



(a) Measure the voltages of the wire harness side connectors.

Standard voltage:

| Symbols (Terminals No.) | Wiring Color | Terminal Description | Condition | Specified Condition |
|---------------------------|------------------|--|---|---------------------|
| TC (E47-23) - E1 (B3-1) | P-L - BR | DTC output signal | Ignition switch ON | 11 to 14 V |
| TC (E47-23) - E1 (B3-1) | P-L - BR | DTC output signal | Ignition switch ON Connect terminals TC and CG of DLC3 | Below 2 V |
| ST1- (E47-16) - E1 (B3-1) | R-L - BR | Cruise cancel input signal | Ignition switch ON Depress brake pedal | Below 1 V |
| ST1- (E47-16) - E1 (B3-1) | R-L - BR | Cruise cancel input signal | Ignition switch ON Release brake pedal | 11 to 14 V |
| STP (E47-15) - E1 (B3-1) | G-Y - BR | Stop light switch input signal | Ignition switch ON Depress brake pedal | 11 to 14 V |
| STP (E47-15) - E1 (B3-1) | G-Y - BR | Stop light switch input signal | Ignition switch ON Release brake pedal | Below 1 V |
| CCS (E46-2) - E1 (B3-1) | L-B - BR | Cruise control main switch output signal | Ignition switch ON | 11 to 14 V |
| CCS (E46-2) - E1 (B3-1) | L-B - BR | Cruise control main switch output signal | Ignition switch ON CANCEL switch held ON | 6.6 to 10.1 V |
| CCS (E46-2) - E1 (B3-1) | L-B - BR | Cruise control main switch output signal | Ignition switch ON -/SET switch held ON | 4.5 to 7.1 V |
| CCS (E46-2) - E1 (B3-1) | L-B - BR | Cruise control main switch output signal | Ignition switch ON +/RES switch held ON | 2.3 to 4.5 V |
| CCS (E46-2) - E1 (B3-1) | L-B - BR | Cruise control main switch output signal | Ignition switch ON MAIN switch held ON | Below 1 V |
| E1 (B3-1) - Body ground | BR - Body ground | Ground | Always | Below 1 V |
| PI (E46-18) - E1 (B3-1) | P-G - BR | Cruise main indicator light input signal | Ignition switch ON Cruise control main switch held ON | 0 to 3 V |
| PI (E46-18) - E1 (B3-1) | P-G - BR | Cruise main indicator light input signal | Ignition switch ON Cruise control main switch held OFF | 11 to 14 V |
| D (E46-21) - E1 (B3-1) | L-B - BR | Clutch switch input signal | Ignition switch ON Depress clutch pedal | Below 1 V |
| D (E46-21) - E1 (B3-1) | L-B - BR | Clutch switch input signal | Ignition switch ON Release clutch pedal | 11 to 14 V |

If the result is not as specified, there may be a malfunction on the wire harness side.

