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|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Automatic<br>Cancel<br>Control | <p>When any of the following conditions occur during cruise control driving, the speed that is set in the memory is cleared to cancel the cruise control mode. Furthermore, the cruise main indicator light blinks until the MAIN switch is turned OFF, and the operation of the cruise control is disabled until the MAIN switch is turned ON again.</p> <ul style="list-style-type: none"> <li>• Stop light switch open or short circuit</li> <li>• The vehicle speed signal is not set for a predetermined period of time (approx. 140 msec)</li> <li>• ETCS-i malfunction</li> </ul> |
|                                | <p>When any of the following conditions occur during the cruise control driving, the speed that is set in the memory is cleared to cancel the cruise control mode. Furthermore, the cruise main indicator light blinks until the MAIN switch is turned OFF, and the operation of the cruise control is disabled until the ignition switch is turned OFF again.</p> <ul style="list-style-type: none"> <li>• Stop light switch input signal abnormal</li> <li>• THS ECU malfunction</li> </ul>                                                                                            |
|                                | <p>When any of the following conditions occurs during the cruise control driving, the set speed in the memory is cleared to cancel the cruise control mode. Cruise control can be resumed at the set speed by operating the SET or RESUME switch providing that the vehicle speed is above the lower speed limit [approx. 25 mph (40 km/h)].</p> <ul style="list-style-type: none"> <li>• The vehicle speed falls below the low speed limit [approx. 25 mph (40 km/h)]</li> <li>• The vehicle speed drops more than 10 mph (16 km/h) below the set speed as in uphill driving</li> </ul> |
| Diagnosis                      | <p>If a malfunction occurs in the cruise control system, during cruise control driving, the THS ECU actuates Auto Cancel of the cruise control and turns on and off the cruise main indicator light to inform the driver of a malfunction. At the same time, the malfunction is stored in memory as a DTC (Diagnostic Trouble Code).</p>                                                                                                                                                                                                                                                 |

## ■ DIAGNOSIS

- If a malfunction occurs in the cruise control system, during cruise control driving, the THS ECU actuates Auto Cancel of the cruise control and turns on and off the cruise main indicator light to inform the driver of a malfunction. At the same time, the malfunction is stored in memory as a DTC (Diagnostic Trouble Code).
- The DTC (Diagnostic Trouble Code) can be accessed by connecting an intelligent tester II to DLC3 terminal. An intelligent tester II can be used to read 5-digit codes.  
For details, see the RX400h Repair Manual (Pub. No. RM1139E).
- The DTC listed below is used.

| DTC No. | Circuit Inspection                        |
|---------|-------------------------------------------|
| 5-digit |                                           |
| P0500   | Vehicle speed sensor circuit open         |
| P0571   | Stop light switch circuit (open or short) |
| P0607   | Input signal abnormal                     |