

Basic Diagnostic Procedure

EyeSight (DIAGNOSTICS)

1. Basic Diagnostic Procedure

A: PROCEDURE

CAUTION:

- Start the diagnosis after the engine has started. (Cruise control main switch does not turn on even if it is pressed before the engine starts.)
- When performing diagnosis, observe the legal speed limit on the road.
- ECM cancel code and ACC cancel code are not the diagnostic trouble code (DTC). These codes will also appear when the cruise control is cancelled by the driver's operation. Do not confuse them.
- Be sure to get an assistant to support the diagnosis while driving, and have him/her operate the select monitor.
- Before clearing the memory, be sure to record the following data. (Obtain the data before inspection because the previous trouble or temporary stop history will be cleared once the memory clear is performed.)
 - All diagnostic trouble codes (DTCs)
 - DTC of stereo camera (current malfunction, past malfunction)
 - Freeze frame data of stereo camera
 - ACC cancel code of stereo camera
 - EyeSight temporary stop code of stereo camera
 - Current data of stereo camera(To obtain the data concerning camera adjustment information, previous trouble or temporary stop history, all data must be measured for a few seconds after the engine has started.)
- When a temporary stop occurs, stereo camera may be affected by a small amount of dirt that the driver cannot recognize. In this case, cleaning of the windshield glass will be effective to eliminate this problem. <Ref. to ES(diag)-7, WINDSHIELD GLASS AND DASHBOARD, INSPECTION, General Description.>

Step	Check	Yes	No
1 PREPARATION BEFORE INSPECTION. Using the Check List for Interview, confirm the condition of the malfunction occurrence from the user. <Ref. to ES(diag)-3, CHECK, Check List for Interview.>	Is there any component that obviously seems to affect the malfunction?	Repair or replace the component that seems to affect the malfunction.	Go to step 2.
2 CHECK DTC. Read the DTC using Subaru Select Monitor. NOTE: When communication with the stereo camera could not be established, check the circuit. <Ref. to ES(diag)-21, COMMUNICATION FOR INITIALIZING IMPOSSIBLE, INSPECTION, Subaru Select Monitor.>	Is DTC displayed on Subaru Select Monitor?	Perform the diagnosis according to DTC and freeze frame data. <Ref. to ES(diag)-39, Diagnostic Code(s) Display.> <Ref. to ES(diag)-44, Freeze Frame Data Display.> If the diagnostic codes other than the stereo camera are displayed, refer to the diagnosis for the relevant codes.	Go to step 3.
3 PERFORM DIAGNOSTICS WITH PHENOMENON. Using the diagnostics with phenomenon, perform inspection. <Ref. to ES(diag)-46, Diagnostics with Phenomenon.>	Is the vehicle free from any problem described in the diagnostics with phenomenon? / Are indicators normal?	Finish the diagnosis.	Perform the diagnosis according to the diagnostics with phenomenon.