

Basic Diagnostic Procedure

ENGINE (DIAGNOSTICS)

1. Basic Diagnostic Procedure

A: PROCEDURE

NOTE:

If the malfunction indicator light illuminates when Subaru Select Monitor or general scan tool is connected, perform the following procedures.

1. Disconnect Subaru Select Monitor or general scan tool from the vehicle.
2. Repeat the ignition switch ON-OFF cycle three times.
3. Turn the ignition switch to ON.

If the malfunction indicator light turns off, the Subaru Select Monitor or general scan tool may be faulty. Connect a different Subaru Select Monitor or general scan tool, and if malfunction indicator light remains off, delete the DTC. <Ref. to EN(H4DOTC)(diag)-50, Clear Memory Mode.>

	Step	Check	Yes	No
1	CHECK ENGINE START FAILURE. 1) Ask the customer when and how the trouble occurred using the interview check list. <Ref. to EN(H4DOTC)(diag)-3, CHECK, Check List for Interview.> 2) Start the engine.	Does the engine start?	Go to step 2.	Inspection using "Diagnostics for Engine Start Failure". <Ref. to EN(H4DOTC)(diag)-58, Diagnostics for Engine Starting Failure.>
2	CHECK ILLUMINATION OF MALFUNCTION INDICATOR LIGHT.	Does the malfunction indicator light illuminate?	Go to step 3.	Inspection using "General Diagnostic Table". <Ref. to EN(H4DOTC)(diag)-400, General Diagnostic Table.>
3	CHECK INDICATION OF DTC ON THE DISPLAY. 1) Turn the ignition switch to OFF. 2) Connect the Subaru Select Monitor or general scan tool to data link connector. 3) Turn the ignition switch to ON, and run the Subaru Select Monitor or general scan tool. 4) Read the DTC on Subaru Select Monitor or general scan tool.	Is DTC displayed on the Subaru Select Monitor or general scan tool?	Repair the trouble cause. <Ref. to EN(H4DOTC)(diag)-70, List of Diagnostic Trouble Code (DTC).> Go to step 4.	Perform the diagnosis of the malfunction indicator light circuit or the combination meter. <Ref. to EN(H4DOTC)(diag)-54, Malfunction Indicator Light.>
4	PERFORM DIAGNOSIS. 1) Perform the Clear Memory Mode. <Ref. to EN(H4DOTC)(diag)-50, Clear Memory Mode.> 2) Perform the Inspection Mode. <Ref. to EN(H4DOTC)(diag)-38, Inspection Mode.>	Is DTC displayed on the Subaru Select Monitor or general scan tool?	Repair the trouble cause. <Ref. to EN(H4DOTC)(diag)-70, List of Diagnostic Trouble Code (DTC).>	Finish the diagnosis.