

# Basic Diagnostic Procedure

IMMOBILIZER (DIAGNOSTICS)

## 1. Basic Diagnostic Procedure

### A: PROCEDURE

Step	Check	Yes	No
1 <b>CHECK ILLUMINATION OF SECURITY INDICATOR LIGHT.</b> 1) Turn the ignition switch to OFF or ACC position. 2) Wait at least 60 seconds.	Does the security indicator light blink?	Go to step 2.	Check the security indicator light circuit. <Ref. to IM(diag)-10, CHECK SECURITY INDICATOR LIGHT CIRCUIT, INSPECTION, Diagnostics Chart for Security Indicator Light.>
2 <b>CHECK ILLUMINATION OF SECURITY INDICATOR LIGHT.</b> Remove the key from ignition switch.	Does the security indicator light begin to blink within 1 second after the key is removed?	Go to step 3.	Check the ignition switch circuit. <Ref. to SL-41, INSPECTION, Ignition Key Lock.>
3 <b>CHECK ENGINE START.</b> Turn the ignition switch to the START position.	Does the engine start?	Go to step 4.	Go to step 5.
4 <b>CHECK ILLUMINATION OF SECURITY INDICATOR LIGHT.</b> Turn the ignition switch to ON.	Does the security indicator light illuminate?	Check the security indicator light circuit. <Ref. to IM(diag)-10, CHECK SECURITY INDICATOR LIGHT CIRCUIT, INSPECTION, Diagnostics Chart for Security Indicator Light.>	Immobilizer system is normal.
5 <b>CHECK INDICATION OF DTC ON SCREEN.</b> 1) Turn the ignition switch to OFF. 2) Connect the Subaru Select Monitor to the data link connector. <Ref. to IM(diag)-7, Subaru Select Monitor.> 3) Turn the ignition switch to ON and run the Subaru Select Monitor. 4) Read any DTC on the display.	Are DTCs indicated on display?	Go to step 6.	Repair the related parts.
6 <b>PERFORM DIAGNOSIS.</b> 1) Inspect using the "Diagnostic Procedure with Diagnostic Trouble Code (DTC)". <Ref. to IM(diag)-13, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> 2) Repair the trouble cause. 3) Perform the Clear Memory Mode. 4) Read any DTC again.	Are DTCs indicated on display?	Inspect using the "Diagnostic Procedure with Diagnostic Trouble Code (DTC)". <Ref. to IM(diag)-13, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>	Finish the diagnosis.