

Basic Diagnostic Procedure

PEDESTRIAN ALERT SYSTEM (DIAGNOSTICS)

1. Basic Diagnostic Procedure

A: PROCEDURE

Step	Check	Yes	No
1 PERFORM CUSTOMER INTERVIEW. Using the Check List for Interview, ask the customer the condition of how trouble occurs.	Did you interview the customer?	Go to step 2.	Interview the customer. <Ref. to PA(diag)-3, CHECK, Check List for Interview.>
2 CHECK SUBARU SELECT MONITOR COMMUNICATION. Using Subaru Select Monitor, check that it can normally communicate with the pedestrian alert system. NOTE: If the communication function of the Subaru Select Monitor cannot be executed properly, check the communication circuit. <Ref. to PA(diag)-7, COMMUNICATION FOR INITIALIZING IMPOSSIBLE, INSPECTION, Subaru Select Monitor.>	Is communication possible?	Go to step 3.	Check the communication circuit. <Ref. to PA(diag)-7, COMMUNICATION FOR INITIALIZING IMPOSSIBLE, INSPECTION, Subaru Select Monitor.>
3 CHECK PEDESTRIAN ALERT SYSTEM. Read the DTC of the pedestrian alert system using the Subaru Select Monitor. <Ref. to PA(diag)-9, OPERATION, Read Diagnostic Trouble Code (DTC).>	Is DTC detected?	Perform the diagnosis according to DTC. <Ref. to PA(diag)-13, LIST, List of Diagnostic Trouble Code (DTC).>	Go to step 4.
4 PERFORM DIAGNOSTICS WITH PHENOMENON. Check the list for diagnostics with phenomenon. <Ref. to PA(diag)-16, INSPECTION, Diagnostics with Phenomenon.>	Does the symptom apply?	Perform diagnosis according to the procedures in the diagnostics with phenomenon.	Go to step 5.
5 CHECK TROUBLE PHENOMENON. 1) Perform the basic inspection. <Ref. to PA(diag)-4, General Description.> 2) Check the pedestrian alert CM. <Ref. to PA(diag)-6, Control Module I/O Signal.> 3) Perform check of current data. <Ref. to PA(diag)-11, Read Current Data.> 4) Perform a unit check.	Was the trouble cause found?	Correct or repair the cause of trouble, and then clear the memory. <Ref. to PA(diag)-10, OPERATION, Clear Memory Mode.>	System is normal.