

SECTION 00-04 Noise, Vibration and Harshness

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VEHICLE APPLICATION

Taurus/Sable.

DIAGNOSTIC THEORY

Diagnosis is more than just following a series of interrelated steps in order to find the solution to a specific condition. It is a way of looking at systems that are not functioning the way they should and finding out why. Also, it is knowing how the system should work and whether it is working correctly.

There are basic rules for diagnosis. If these rules are followed, the cause of the condition is usually found the first time through the system.

Know the System

This means know how the parts go together. Know how the system operates and its limits and what happens when something goes wrong. Sometimes this means checking the system against one that is known to be working properly.

Know the History of the System

How old or new is the system? What kind of treatment has it had? Has it been serviced in the past in such a manner that might relate to the present condition? What is the service history? A clue in any one of these areas might save time.

Know the History of the Condition

Did it start suddenly? Or did it appear gradually? Was it related to some other occurrence like an accident or previous part replacement? Know how the condition made itself known; it may be an important clue to the cause.