TEAM RYAN AUTOMOTIVE

STRATEGY BASED DIAGNOSTICS

Here at Team Ryan Automotive we apply Strategy Based Diagnostics to address your car problems and repairs. What is Strategy Based Diagnostics? Simple. Its an organized and methodical approach to your automotive diagnostic and testing procedures. This ensures we are utilizing **our time** and **your money** in the most cost effective manner. It provides our team a structured plan of action for every diagnostic and testing situation. By applying this methodical approach to diagnosing, testing and repairing your vehicle, we can achieve maximum efficiency throughout the process.

These practices are part of our culture at Team Ryan Automotive. **Our goal is to diagnose, test and repair your automobile in the most practical and efficient way possible.**

We customize our approach to your individual situation. While this is a structured plan, it is not always required that every step is performed in every situation. The key is knowing where to start and where to go next, which is where our expert Technicians come in.

INITIAL DIAGNOSTIC

1. **Verify your concern**

   We will gather as much information as possible from you to help us determine the best diagnostic starting point for your situation.

2. **Perform preliminary checks**

   Conduct a thorough visual inspection. Scan and record any diagnostic trouble codes related to the concern, examine vehicle current and freeze frame data lists for related information.

3. **Locate any related published service documentation**

   Gathering relevant service information is the objective. We begin by searching for OEM service technical bulletins and recalls. If nothing is found, move on to system description and operation, diagnostic trouble code flow charts, electrical schematics or component location diagrams.

4. **Time to "get physical"**

   This includes but is not limited to component removal to gain access, probing and testing wires, use of special functions on one of our scan tools, use of a smoke machine to locate air leaks or use of a digital volt ohm meter or lab scope to gather electrical data.

5. **Isolate the root cause of your concern**

   We now contact you with clear and concise information along with our professional recommendations that allow you to make an informed decision.

6. **Perform the repair**

   This includes repair or replacement of required failed components and reassembly of your vehicle.

7. **Verify the repair and proper operation of the system and vehicle**

   This almost always will include a road test of your vehicle, clearing of any stored diagnostic trouble codes, or resetting of electrical systems.