

Automotive Technology 7th Edition
Chapter 85: Strategy-Based Diagnosis
Matching Quiz

Name: _____ Date: _____

Matching: Choose the item in column 2 that best matches each item in column 1.

- | | | |
|---------------------------------------|---|-----------|
| 1. Verify the Problem | A. A set of stored data showing how the engine was operating at the exact moment a diagnostic trouble code was set. | 1. _____ |
| 2. Visual Inspection | B. Manufacturer-issued documents that provide information, suggestions, or replacement parts to solve known issues and should be checked after retrieving DTCs. | 2. _____ |
| 3. Paper Test | C. Diagnostic tools, such as those made by Snap-on or OTC, that are designed to function on more than one brand of vehicle. | 3. _____ |
| 4. Pending Code | D. The first step in the diagnostic process, where the technician confirms a problem exists before spending time on diagnosis. | 4. _____ |
| 5. Freeze Frame | E. A diagnostic trouble code that has been detected and stored but has not yet met the criteria to illuminate the Malfunction Indicator Lamp (MIL). | 5. _____ |
| 6. Technical Service Bulletins (TSBs) | F. The most important aspect of diagnosis, where a technician checks for obvious issues like disconnected hoses, fuel leaks, or signs of previous repairs. | 6. _____ |
| 7. Factory Scan Tools | G. The preferred method for removing stored diagnostic trouble codes from a vehicle's computer memory. | 7. _____ |
| 8. Aftermarket Scan Tools | H. A specific driving pattern, with varied speeds and idle times, designed to allow the vehicle's computer to run all of its diagnostic monitor tests. | 8. _____ |
| 9. Drive Cycle | I. A basic test where a piece of paper is held near the tailpipe to check for a burned valve or hole in the exhaust system. | 9. _____ |
| 10. Clearing Codes (Method 1) | J. Brand-specific diagnostic equipment, such as a Tech 2 for GM or wiTECH for Chrysler, required by dealerships for full-system access. | 10. _____ |

Automotive Technology 7th Edition
Chapter 85: Strategy-Based Diagnosis
Matching Quiz
Answer Key

Answer Key:

1. D
2. F
3. I
4. E
5. A
6. B
7. J
8. C
9. H
10. G