

Automotive Technology 7th Edition
Chapter 26: Engine Cleaning and Crack Detection
Matching Quiz

Name: _____ Date: _____

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

- | | | |
|------------------------------|---------------------------------------------------------------------|-----------|
| 1. Acid materials | A. A brand name for fluorescent dye-penetrant testing. | 1. _____ |
| 2. Caustic materials | B. A scale used to measure the acidity or alkalinity of a solution. | 2. _____ |
| 3. pH | C. Uses fine iron powder to find defects in iron parts. | 3. _____ |
| 4. Putty knife | D. A thermal cleaning method that bakes parts in an oven. | 4. _____ |
| 5. Pyrolytic oven | E. A common tool used for scraping heavy deposits from parts. | 5. _____ |
| 6. Dye-penetrant testing | F. Cleaning method that uses high-frequency sound waves. | 6. _____ |
| 7. Zyglo | G. Chemicals that have a pH value higher than 7. | 7. _____ |
| 8. Magnetic crack inspection | H. Includes scraping, abrasive brushing, and abrasive blasting. | 8. _____ |
| 9. Ultrasonic cleaning | I. Chemicals that have a pH value lower than 7. | 9. _____ |
| 10. Mechanical cleaning | J. A method for finding cracks in non-ferrous parts like aluminum. | 10. _____ |

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Answer Key

Answer Key:

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