

Automotive Technology 7th Edition
Chapter 56: Airbag and Pretensioner Circuits
Matching Quiz

Name: _____ Date: _____

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

- | | | |
|---|---|-----------|
| 1. Primary Purpose of Safety Belts | A. Two sensors typically must be triggered simultaneously for deployment. | 1. _____ |
| 2. Pretensioners' Immediate Action | B. Used at the connectors for airbags to prevent accidental deployment. | 2. _____ |
| 3. Normal Airbag System Light Behavior | C. Used to keep the driver and passengers secured to the vehicle in the event of a collision. | 3. _____ |
| 4. Airbag Electrical Connector Color | D. Usually yellow or orange. | 4. _____ |
| 5. Function of Shorting Bars | E. Determines if the passenger airbag should be deployed. | 5. _____ |
| 6. Treatment of Deployed Airbag | F. Tighten the safety belts immediately after a collision starts. | 6. _____ |
| 7. Clockspring's Role | G. Records crash data, such as vehicle speed, brake application, and seat belt usage. | 7. _____ |
| 8. Passenger Presence System (PPS) Function | H. Should be discarded and replaced with an entire new assembly. | 8. _____ |
| 9. Event Data Recorder (EDR) Data | I. Allows the airbag module to remain connected electrically while the steering wheel is rotated. | 9. _____ |
| 10. Airbag Deployment Condition | J. Typically illuminates for 3 to 6 seconds when the ignition is turned on, then goes out. | 10. _____ |

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Answer Key

Answer Key:

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