

**Automotive Technology 7<sup>th</sup> Edition**  
**Chapter 58: Advanced Driver Assist Systems (ADAS)**  
**Matching Quiz**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

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

- |   |   |           |
|---|---|-----------|
| 1. Primary Goal of ADAS                   | A. Alerts the driver of a possible collision and may prepare the vehicle for impact.                                    | 1. _____  |
| 2. Blind Spot Monitor Function            | B. Designed to detect vehicles in the blind spots.  | 2. _____  |
| 3. Parking Assist System Alert            | C. Requires factory or factory-level scan tools and special targets set at precisely specified locations.               | 3. _____  |
| 4. Lane Departure Warning System Trigger  | D. Warns the driver when backing out from a parking space if there is a vehicle approaching from either side.           | 4. _____  |
| 5. Adaptive Cruise Control Capability     | E. Provide the driver with systems that help the driver by alerting them of potential issues or taking partial control. | 5. _____  |
| 6. Rear Cross-Traffic Warning Application | F. Alerts the driver if the vehicle starts to drift out of its lane without the turn signal being activated.            | 6. _____  |
| 7. Automatic Emergency Braking Action     | G. Prevents the vehicle from rolling backward when starting on an incline.  | 7. _____  |
| 8. Pre-Collision System Warning           | H. Warn the driver if the vehicle is getting close to an object.  | 8. _____  |
| 9. Hill Start Assist Purpose              | I. Maintains a set speed and a safe following distance from the vehicle ahead.  | 9. _____  |
| 10. ADAS Sensor Calibration Requirement   | J. Can automatically apply the brakes to avoid or reduce the severity of a collision.                                   | 10. _____ |

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**Answer Key**

**Answer Key:**

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