Airbag and Pretensioner Circuits
Chapter 36

ACROSS
2. As the steering wheel is rotated, a coil, usually called a ________, prevents the lack of continuity between the sensors and the inflator assembly that might result from a horn-ring type of sliding conductor.
4. Many vehicles are equipped with _______ _______ that actually contain two separate inflators, one for less severe crashes and one for higher speed collisions.
7. Some vehicles are equipped with _______ usually on the driver’s side.
10. Another name for the occupant detection system is the ________________
11. Some vehicles use electronic ____________ _______ built into the inflator module.
13. ____ passive restraints are designed to cushion the driver during a frontal collision.
14. The airbag systems are sometimes called supplemental ________
15. _______ use a variety of sensors to determine if they need to be deployed.
16. As part of the airbag controller on many vehicles, the ________________ is used to record parameters just before and slightly after an airbag deployment.

DOWN
1. The passenger side airbag will be disabled or deployed with reduced force when certain criteria are met on an ________________
3. The airbag system may be known as supplemental ________
5. The ____________ is used to provide electrical power, and a forward or discriminating sensor is used to provide the ground connection.
6. A _______ is an explosive device that is part of the seat belt retractor assembly and tightens the seat belt as the airbag is being deployed.
8. One name for an airbag system is the supplemental ________
9. Another name for the deceleration sensors are the ____________
12. The arming sensor provides the electrical power to the airbag heating unit, called a ______ inside the inflator module.