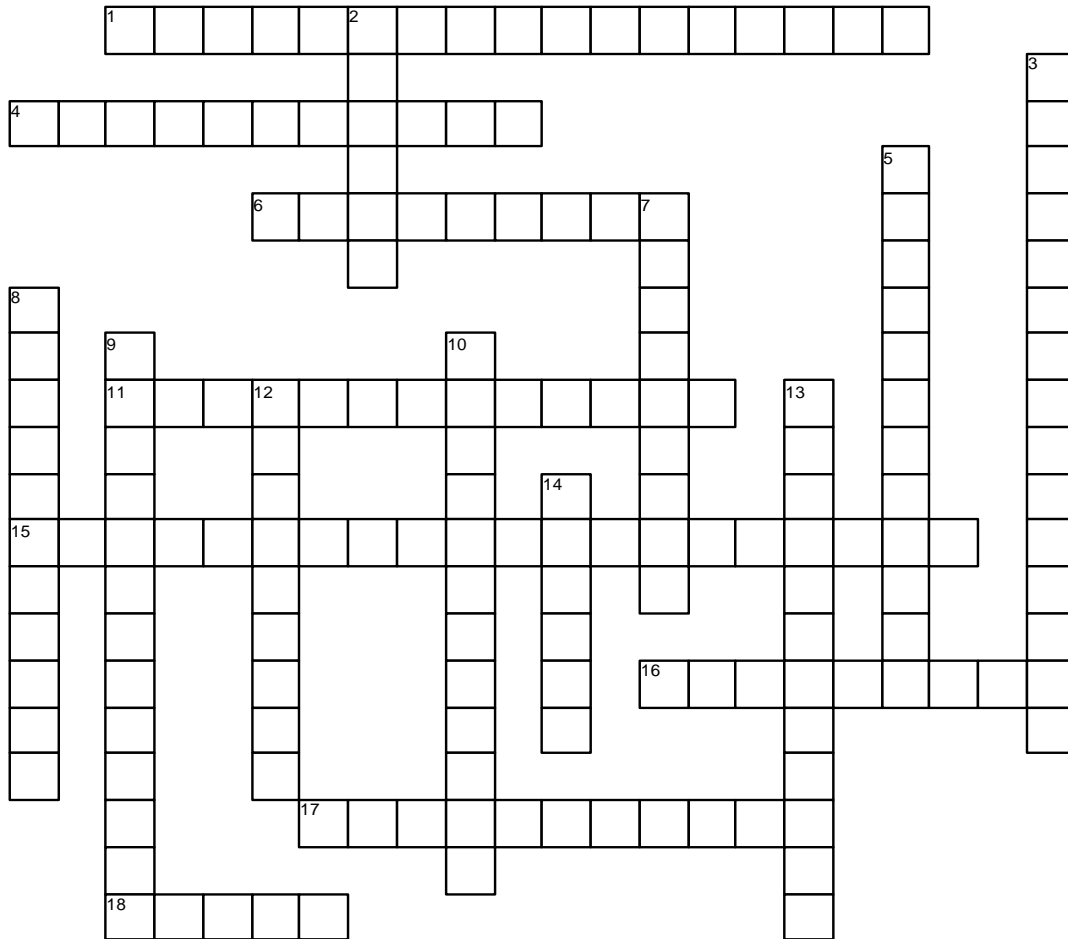


Airbag and Pretensioner Circuits

Chapter 27



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ACROSS

- 1 The passenger side airbag will be disabled or deployed with reduced force when certain criteria are met on an _____ system.
- 4 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.
- 6 Many vehicles are equipped with _____ airbags that actually contain two separate inflators, one for less severe crashes and one for higher speed collisions.
- 11 The airbag systems are sometimes called supplemental _____.
- 15 The airbag system may be known as supplemental _____.
- 16 Another name for the occupant detection system is the _____

presence system.

- 17 _____ use a variety of sensors to determine if they need to be deployed.
- 18 The arming sensor provides the electrical power to the airbag heating unit, called a _____, inside the inflator module.

DOWN

- 2 _____ passive restraints are designed to cushion the driver during a frontal collision.
- 3 Another name for the deceleration sensors are the _____.
- 5 Some vehicles use electronic _____ sensors built into the inflator module.
- 7 As part of the airbag controller on many vehicles, the _____ recorder is used to record parameters just before and slightly after an airbag deployment.

- 8 Some vehicles are equipped with _____ usually on the driver's side.
- 9 Always follow the _____ procedure for disabling the airbag system prior to any work performed on the system.
- 10 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.
- 12 One name for an airbag system is the supplemental _____ system.
- 13 The _____ is used to provide electrical power, and a forward or discriminating sensor is used to provide the ground connection.
- 14 All airbag electrical connectors and conduit are _____ and all electrical terminals are gold plated to protect against corrosion.