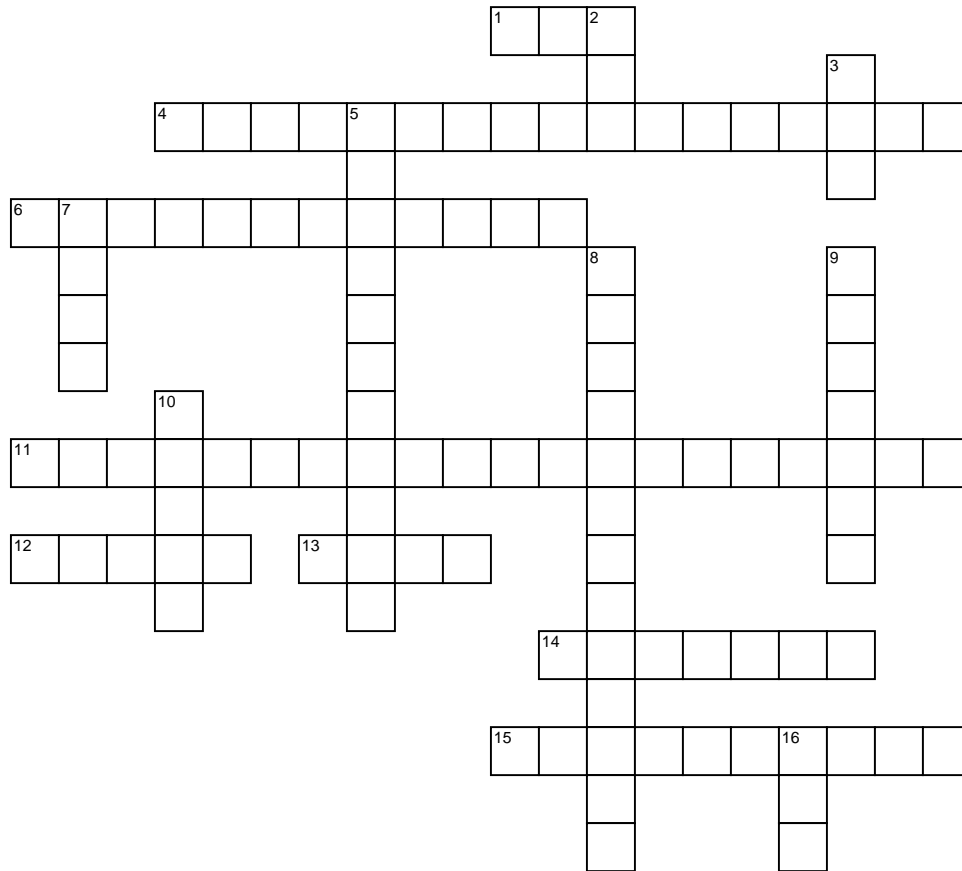


# Chapter 18

## CAN and Network Communications



### ACROSS

- 1 a \_\_\_\_\_ an electrical network which ties several modules together.
- 4 A type of module communication that uses universal asynchronous receive and transmit (UART) format.
- 6 \_\_\_\_\_ is a process of sending multiple signals of information at the same time over a signal wire.
- 11 \_\_\_\_\_ are Resistors placed at the end of a high-speed serial data circuit to help reduce electromagnetic interference.
- 12 An abbreviation for single wire CAN (controller area network).
- 13 Another name for an electronic module.
- 14 \_\_\_\_\_ is a communications system used to link multiple computers or modules.
- 15 A term used by General Motors to describe the connection of modules in a network.

### DOWN

- 2 A network communications protocol used by Ford.
- 3 \_\_\_\_\_ is a type of serial data transmission used by Chrysler.
- 5 \_\_\_\_\_ is an electrical tester that connects to a connector or controller and allows access to each terminal so testing can be performed using a meter or scope.
- 7 Universal asynchronous receive/transmit, a type of serial data transmission.
- 8 A signal sent by modules to all of the other modules in the network indicating that it is well and able to transmit.
- 9 A type of network communications used in many General Motors vehicles.
- 10 General Motors local area network. GM's term for CAN used in GM vehicles.
- 16 A type of network communications protocol used in Chrysler brand vehicles.