Horn, Wiper, And Blower Motor Circuits
Chapter 34

ACROSS

1. The first step in troubleshooting is to make sure the fuse or fusible link is good before attempting to troubleshoot the circuit.

6. The _______ is where one speed of a special two-speed electric motor is achieved for windshield wiper motors.

7. _______ are electric devices that emit a loud sound used to alert other drivers or persons in the area.

9. The ______-_______ ______ is where one speed of a special two-speed electric motor is achieved for windshield wiper motors.

10. The ______-_______ ______ use an electronic circuit with a variable resistor that controls the time of the charge and discharge of a capacitor.

11. Most vehicles use a horn relay to control the horn circuit.

12. A typical combination wiper and washer system includes a ______-_______ ______.

13. A momentary contact switch, which is often part of a steering column-mounted ______-_______ assembly, energizes the washer pump.

14. Another name for variable-delay wipers is ______-_______ ______.

15. ______-_______ ______ are used to keep the viewing area of the windshield clear of rain.

DOWN

2. Without a horn relay, the high current of the horns must flow through the steering wheel horn ______.

3. The _______ has an additional linkage arm to provide depressed parking for hidden wipers.

4. Depressed wipers is another name for ______-_______ ______.

5. Most vehicles use a positive-displacement or centrifugal-type ______ located in the washer reservoir.

8. ______-_______ ______ systems use a sensor located at the top of the windshield on the inside to detect rain droplets.

11. Most vehicles use a horn ______ to control the horn circuit.