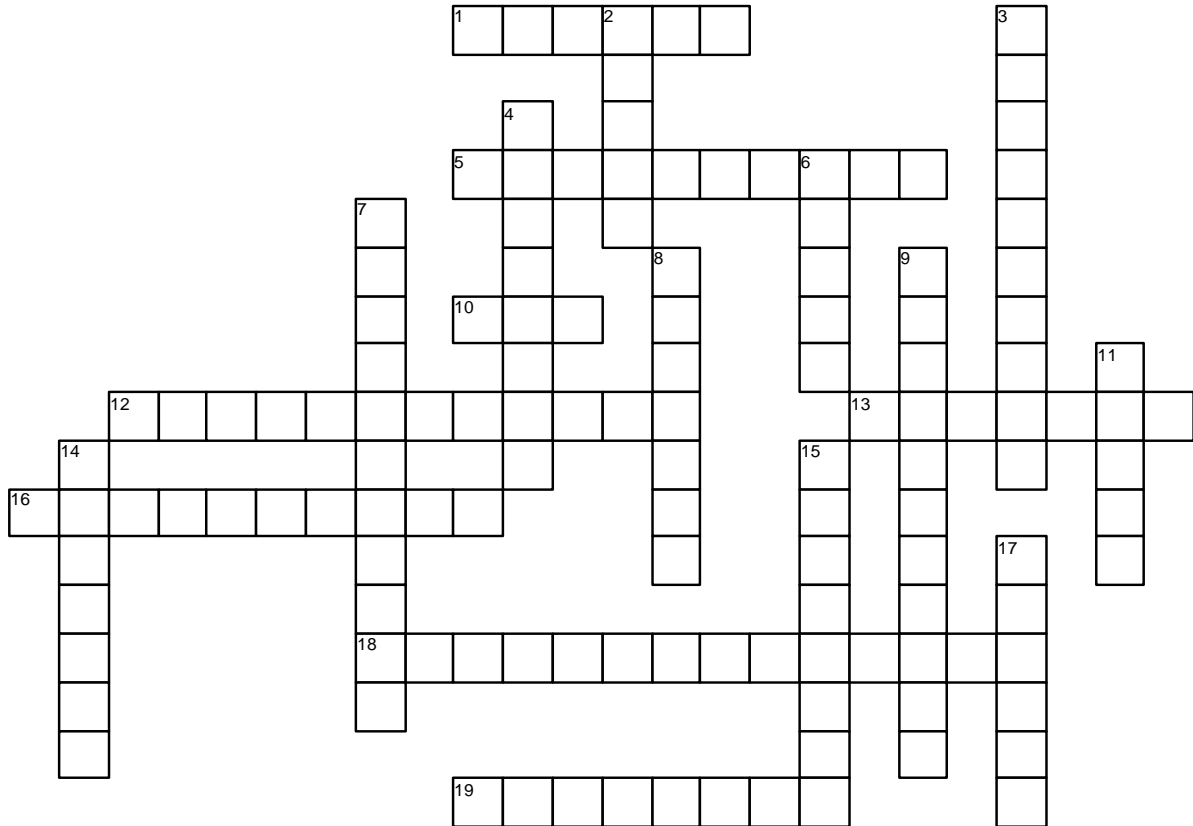


Brake Fluid and Bleeding Procedures

Chapter 96



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ACROSS

- 1 All steel brake lines have one of two basic types of ends: _____ flare or ball flare (bubble flare).
- 5 The steel brake lines are also called _____ or brake tubing.
- 10 _____ which means International Standards Organization.
- 12 Another name for manual bleeding is the _____ bleeding method.
- 13 In many areas of the brake system, the steel brake line is covered with a wire coil wrap. This type of brake line is called _____ brake line.
- 16 _____ is designed to function in the hydraulic brake system under all operating conditions.
- 18 DOT 5 brake fluid is purple (violet) in color to distinguish it from DOT 3 or DOT 4 brake fluid. It does not absorb any water and is therefore called _____.
- 19 _____ brake hoses are used on each front wheel to allow for steering and suspension movement and at the rear to allow for rear suspension travel.

DOWN

- 2 _____ bleeding is removing any trapped air from the hydraulic system.
- 3 Brake fluid is made from a combination of various types of glycol, a non-petroleum-based fluid. Brake fluid is a polyalkylene glycol-ether mixture called _____.
- 4 _____ bleeding is a common method used to bleed the brake hydraulic system.
- 6 _____ bleeding is another name for pressure bleeding.
- 7 The steel brake lines are also called brake pipes or _____.
- 8 The _____ valve should be open only when the brake pedal is being depressed.
- 9 DOT 3 must be used from a sealed (capped) container. If allowed to remain open for any length of time, DOT 3 will absorb moisture from the surrounding air, which is called _____.
- 11 _____ bleeding the master cylinder is necessary whenever replacing it.
- 14 _____ bleeding is a slow, but effective, method that will work on many vehicles to rid the hydraulic system of air.
- 15 DOT 5 brake fluid is commonly called _____ brake fluid and is made from polydimethylsiloxanes.
- 17 _____ bleeding uses a special suction pump that attaches to the bleeder screw.