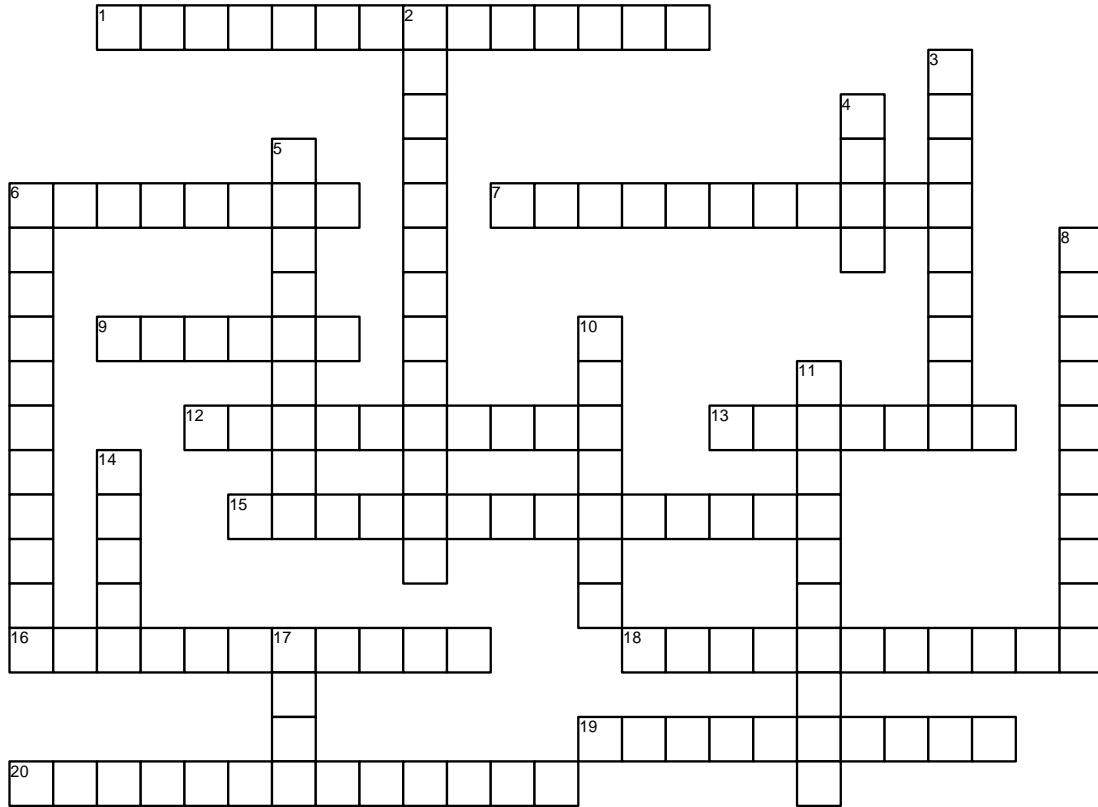


Drum Brakes

Chapter 103



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ACROSS

- 1 This play enables the assembly to absorb vibration, and the result is that _____ operate more quietly than bonded linings.
- 6 Another name for the lining table is _____.
- 7 The curved metal piece on the outer portion of the shoe is called the _____.
- 9 Shoe support pads are also called _____.
- 12 The linings of drum brakes are attached to curved metal assemblies called _____.
- 13 The metal piece of the shoe positioned under the lining table and welded to it is called the _____.
- 15 _____ occurs when the brake drum gets so hot it expands away from the brake linings.
- 16 The _____ pads are stamped into the backing plate and contact the edges of the brake shoes to keep the linings properly aligned with the center of the friction

surface inside the brake drum.

- 18 _____ prevent the brake shoes from rotating with the drum when the brakes are applied.
- 19 _____ occurs when the friction coefficient of the brake lining material drops off sharply because intense heat makes it slippery.
- 20 _____ use high-temperature adhesive to glue the brake block directly to the shoe lining table or pad backing plate.

DOWN

- 2 The lip fits into a machined groove in the open edge of the brake drum to provide an even better water barrier or seal, this type of seal is called a _____.
- 3 _____ occurs when moisture is trapped between the shoes and drum, where it acts as a lubricant.
- 4 On some shoes, the edge of the lining table contains small V- or U-shaped notches called _____.
- 5 _____ is the loss of stopping

power that occurs when excessive heat reduces the friction between the brake shoe linings and the drum.

- 6 Some backing plates incorporate _____ that prevent the wheel cylinder pistons from coming out of their bores when the friction assembly is disassembled for servicing.
- 8 The upper ends of the webs on dual-servo brake shoes have semi-circular cutouts called _____.
- 10 _____ occurs under extended hard braking from high speeds, a thin layer of hot gases and dust particles can build up between the brake shoe linings and drum.
- 11 At the time of purchase, a _____ is added to the cost of the relined parts.
- 14 The name _____ comes from the fact that one shoe "serves" the other to increase application force.
- 17 Movement of the shoe causes the cable or linkage to pull up on the adjuster _____.